

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058878.D
 Acq On : 21 Oct 2019 11:27
 Operator : JC/SP
 Sample : VN1021WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 4:55:15 PM

Quant Time: Oct 22 03:42:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	418515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	673153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	626498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	294209	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	311531	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	7.57	113	222551	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	10.08	98	864304	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.40	95	315033	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	106046	20.323	ug/l	98
3) Chloromethane	2.04	50	129835	20.090	ug/l	98
4) Vinyl Chloride	2.17	62	130122	20.278	ug/l	98
5) Bromomethane	2.54	94	83103	20.681	ug/l	94
6) Chloroethane	2.68	64	82587	20.070	ug/l	98
7) Trichlorofluoromethane	3.00	101	161962	20.399	ug/l	100
8) Diethyl Ether	3.39	74	56236	20.496	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	88263	20.053	ug/l	99
10) Methyl Iodide	3.93	142	112583	19.448	ug/l	99
11) Tert butyl alcohol	4.76	59	107756	105.788	ug/l	98
12) 1,1-Dichloroethene	3.72	96	84595	20.504	ug/l	97
13) Acrolein	3.59	56	68700	98.158	ug/l	99
14) Allyl chloride	4.30	41	170557	20.429	ug/l	99
15) Acrylonitrile	4.96	53	270305	105.497	ug/l	99
16) Acetone	3.80	43	288566	95.138	ug/l	100
17) Carbon Disulfide	4.03	76	256924	19.332	ug/l	100
18) Methyl Acetate	4.30	43	138358	20.064	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	304190	21.056	ug/l	99
20) Methylene Chloride	4.53	84	103786	20.039	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	93934	20.616	ug/l	96
22) Diisopropyl ether	5.93	45	345701	21.170	ug/l	99
23) Vinyl Acetate	5.87	43	1447447	110.326	ug/l	100
24) 1,1-Dichloroethane	5.82	63	194059	20.495	ug/l	100
25) 2-Butanone	6.81	43	393379	99.911	ug/l	98
26) 2,2-Dichloropropane	6.80	77	167142	20.408	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	105478	20.265	ug/l	96
28) Bromochloromethane	7.17	49	63137	20.022	ug/l	97
29) Tetrahydrofuran	7.19	42	253694	105.329	ug/l	99
30) Chloroform	7.35	83	189082	19.907	ug/l	99
31) Cyclohexane	7.63	56	177429	20.114	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	164241	20.515	ug/l	99
36) 1,1-Dichloropropene	7.77	75	138618	20.114	ug/l	100
37) Ethyl Acetate	6.91	43	160660	21.395	ug/l	99
38) Carbon Tetrachloride	7.76	117	143208	20.171	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	158893	20.533	ug/l	99
40) Benzene	8.02	78	417333	20.622	ug/l	99
41) Methacrylonitrile	7.15	41	54150m	16.191	ug/l	
42) 1,2-Dichloroethane	8.11	62	157329	20.182	ug/l	99
43) Isopropyl Acetate	8.15	43	246298	20.451	ug/l	99
44) Trichloroethene	8.82	130	101173	20.523	ug/l	99
45) 1,2-Dichloropropane	9.11	63	113776	20.503	ug/l	97
46) Dibromomethane	9.20	93	72540	20.677	ug/l	98
47) Bromodichloromethane	9.39	83	147473	20.396	ug/l	100
48) Methyl methacrylate	9.19	41	112213	20.537	ug/l	99
49) 1,4-Dioxane	9.19	88	40928	456.294	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	784152	111.474	ug/l	99
52) Toluene	10.15	92	252716	21.058	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	162814	20.341	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	177248	20.727	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	100397	20.307	ug/l	100
56) Ethyl methacrylate	10.43	69	151533	19.579	ug/l	98
57) 1,3-Dichloropropane	10.70	76	176897	20.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	323663	95.868	ug/l	100
59) 2-Hexanone	10.75	43	589221	108.398	ug/l	99
60) Dibromochloromethane	10.90	129	105980	19.916	ug/l	99
61) 1,2-Dibromoethane	11.00	107	103510	20.459	ug/l	100
64) Tetrachloroethene	10.63	164	89868	20.482	ug/l	97
65) Chlorobenzene	11.43	112	260289	20.407	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	99258	20.623	ug/l	99
67) Ethyl Benzene	11.51	91	473361	21.156	ug/l	98
68) m/p-Xylenes	11.62	106	353707	42.628	ug/l	99
69) o-Xylene	11.95	106	164728	20.816	ug/l	99
70) Styrene	11.97	104	268348	19.455	ug/l	99
71) Bromoform	12.13	173	72884	19.528	ug/l #	99
73) Isopropylbenzene	12.25	105	459014	21.348	ug/l	99
74) N-amyl acetate	12.07	43	207779	21.316	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	156774	20.737	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	150464m	22.067	ug/l	
77) Bromobenzene	12.53	156	108052	20.389	ug/l	99
78) n-propylbenzene	12.59	91	545890	21.479	ug/l	99
79) 2-Chlorotoluene	12.68	91	325362	20.917	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	390275	21.604	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	51842	19.806	ug/l	97
82) 4-Chlorotoluene	12.78	91	329002	20.697	ug/l	100
83) tert-Butylbenzene	13.00	119	323348	20.932	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	393182	22.066	ug/l	100
85) sec-Butylbenzene	13.17	105	443459	21.531	ug/l	100
86) p-Isopropyltoluene	13.29	119	392506	21.598	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	196593	20.746	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	187275	19.739	ug/l	96
89) n-Butylbenzene	13.62	91	344958	20.664	ug/l	100
90) Hexachloroethane	13.88	117	75629	20.538	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	192469	20.665	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33191	19.410	ug/l	96

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	102884	19.183	ug/l	99
94) Hexachlorobutadiene	15.01	225	60597	20.073	ug/l	97
95) Naphthalene	15.13	128	286846	18.489	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	102774	19.537	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

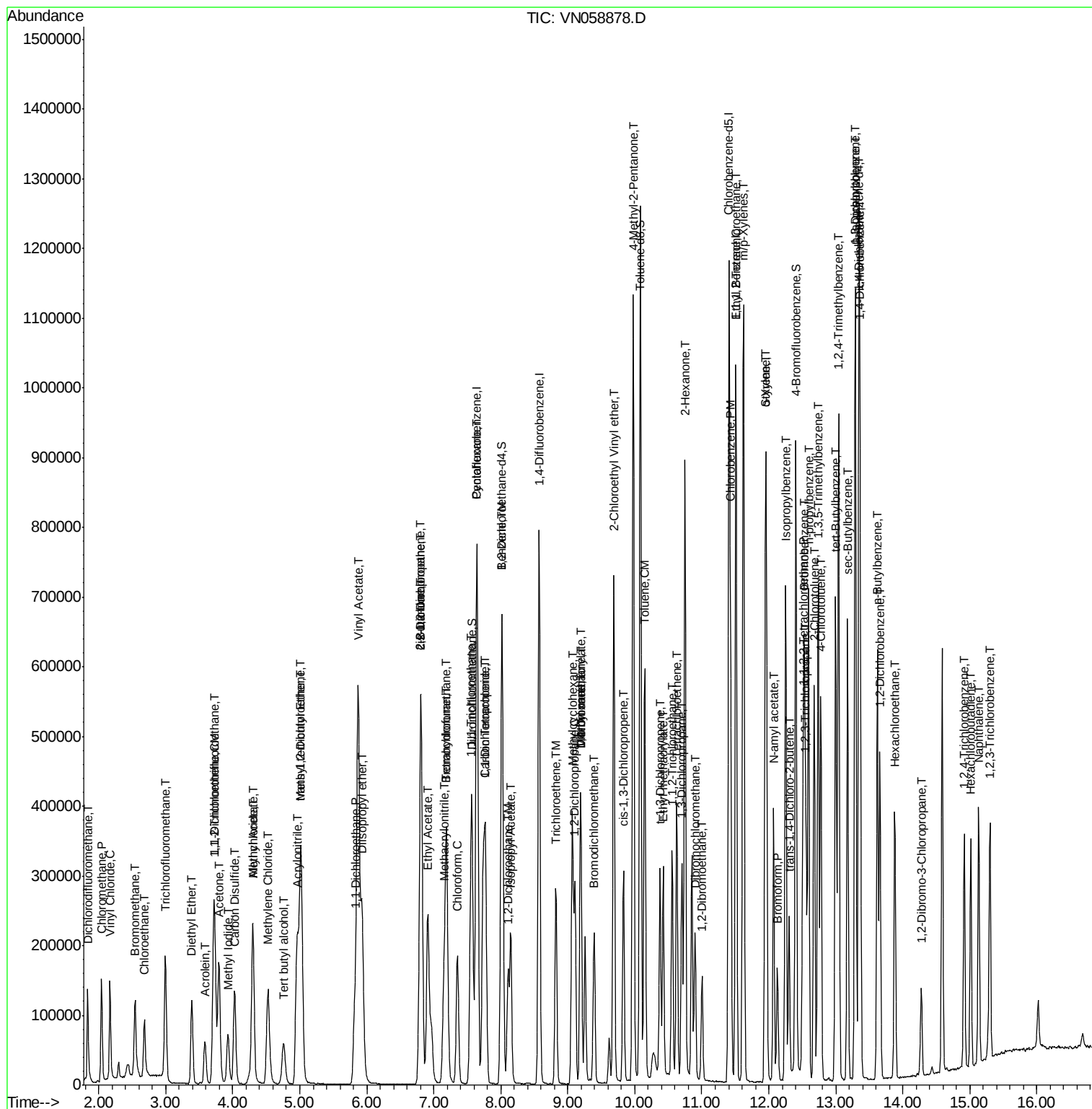
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Data File : VN058878.D
Acq On : 21 Oct 2019 11:27
Operator : JC/SP
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ALS Vial : 8 Sample Multiplier: 1

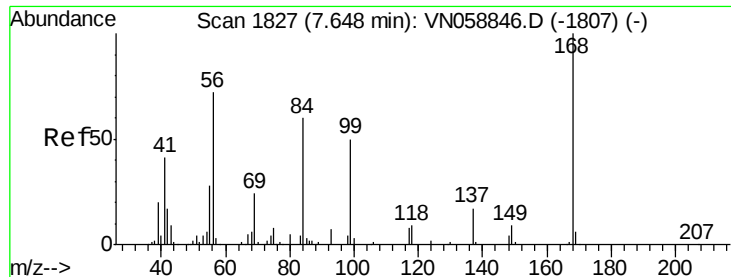
Instrument :
MSVOA_N
Client Sampled :
VN1021WBS01

Manual Integrations
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MMDadoda
10/22/2019 4:55:15 PM

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Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
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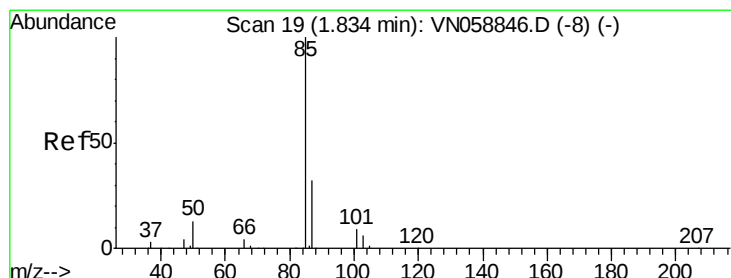
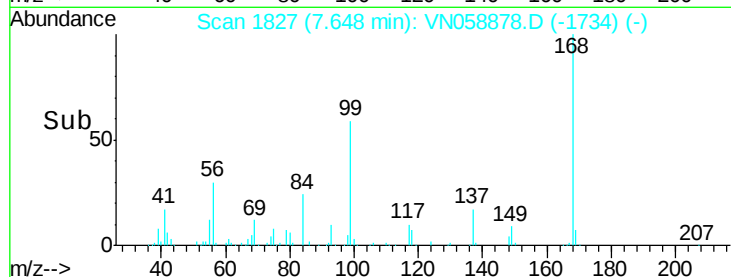
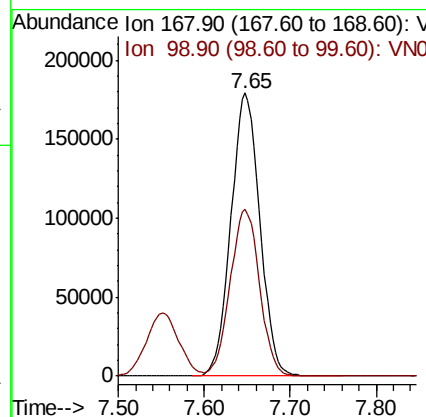
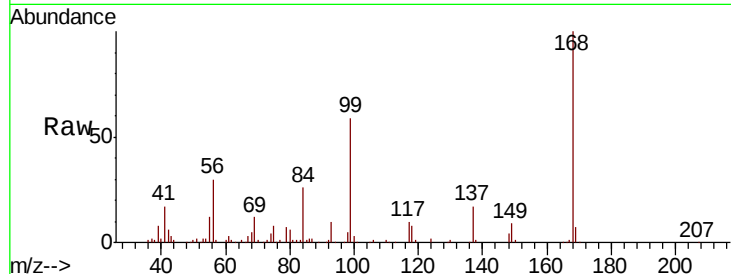
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	58.6	48.1	72.1

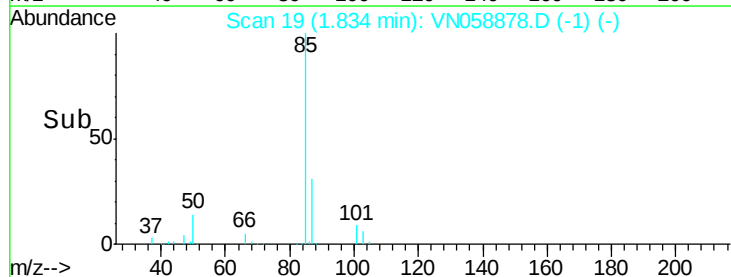
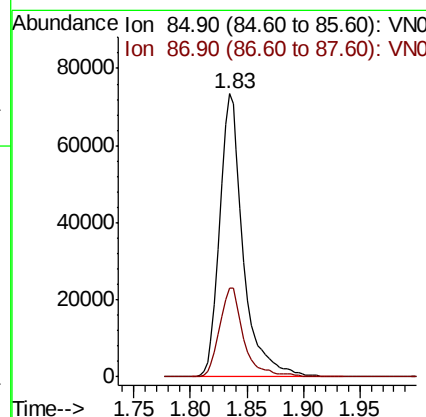
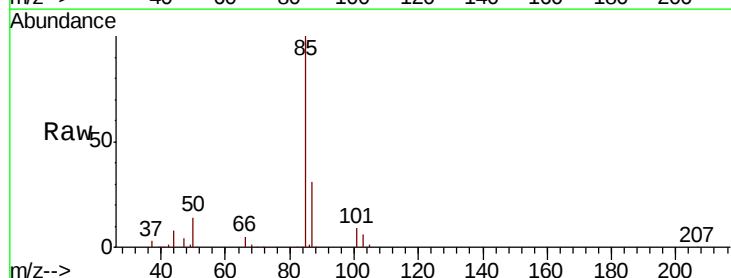
Manual Integrations
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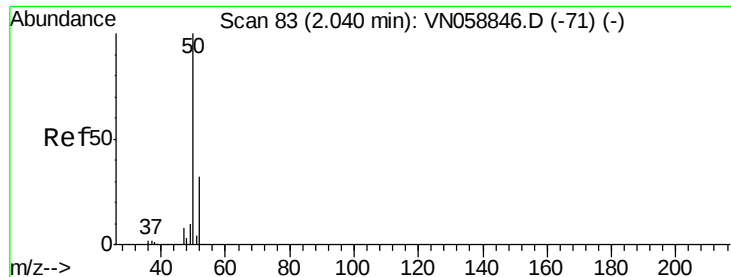
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#2
Dichlorodifluoromethane
Concen: 20.323 ug/l
RT: 1.83 min Scan# 19
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.2	48.5





#3

Chloromethane

Concen: 20.090 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion: 50 Resp: 129835

Ion Ratio Lower Upper

50 100

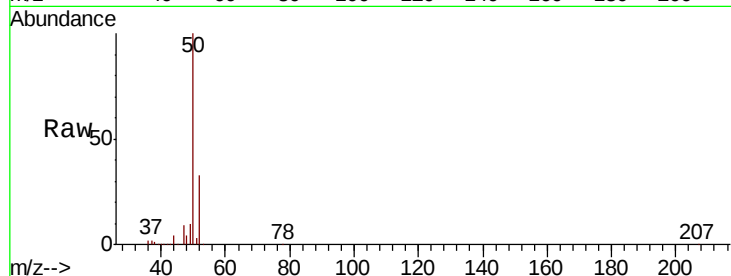
52 33.1 25.7 38.5

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

100000

80000

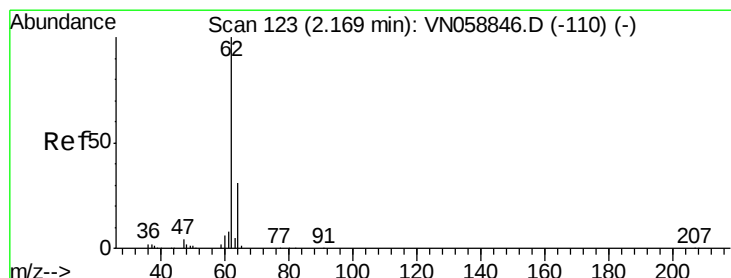
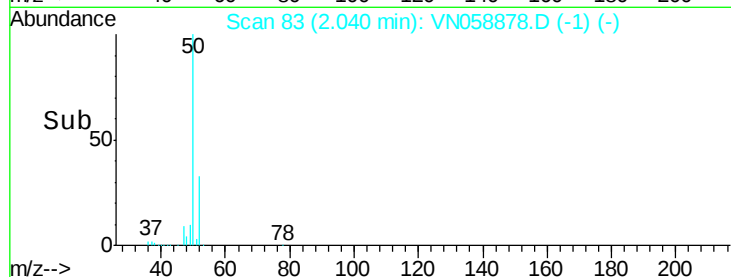
60000

40000

20000

0

Time--> 1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 20.278 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058878.D

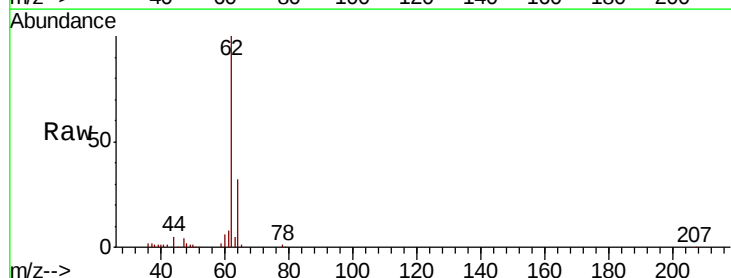
Acq: 21 Oct 2019 11:27

Tgt Ion: 62 Resp: 130122

Ion Ratio Lower Upper

62 100

64 31.9 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

100000

80000

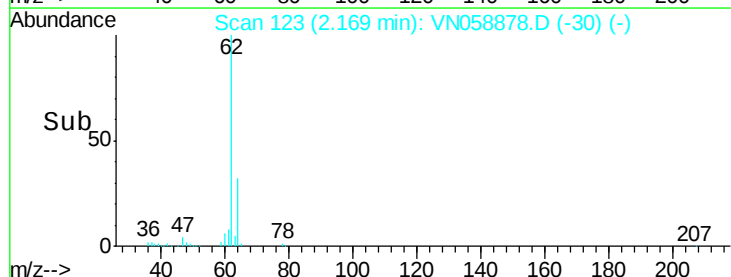
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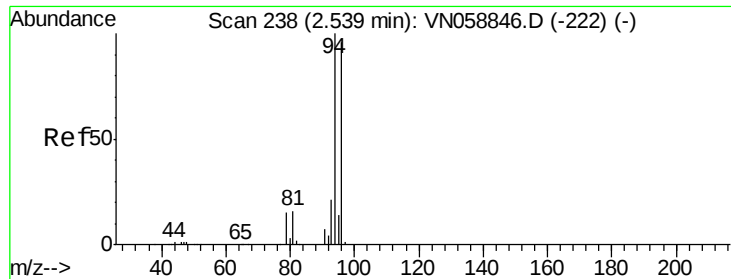
40000

20000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 20.681 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion: 94 Resp: 83103

Ion Ratio Lower Upper

94 100

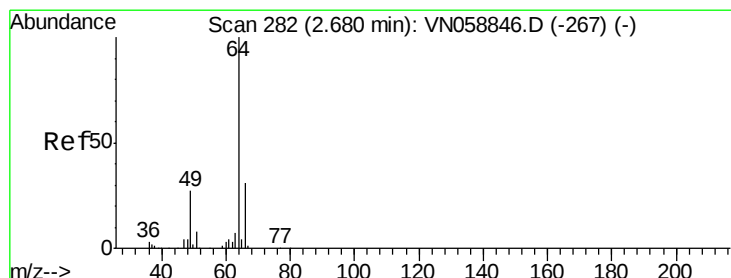
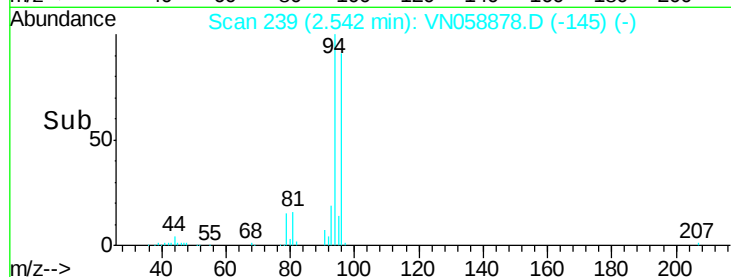
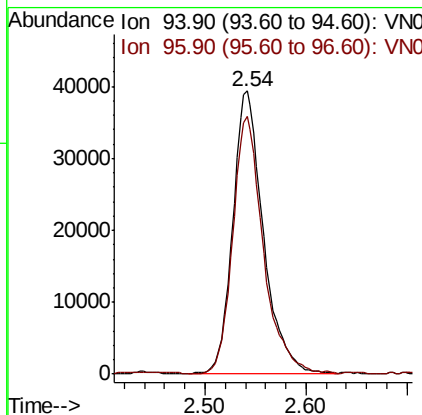
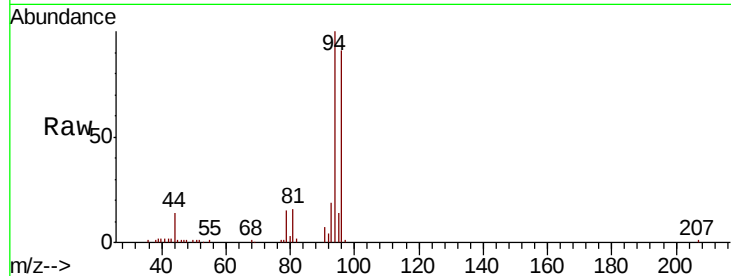
96 90.9 77.0 115.6

Manual Integrations

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#6

Chloroethane

Concen: 20.070 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN058878.D

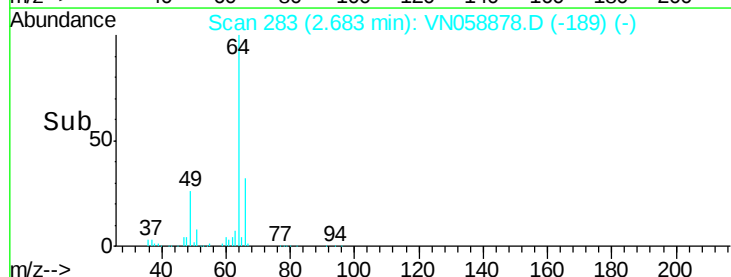
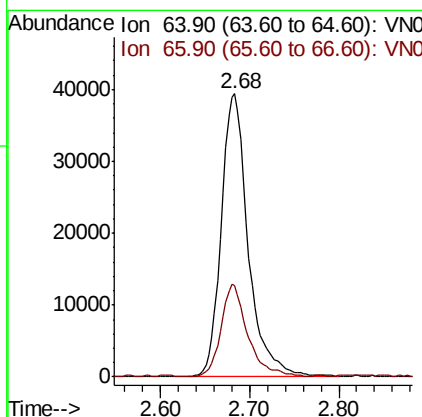
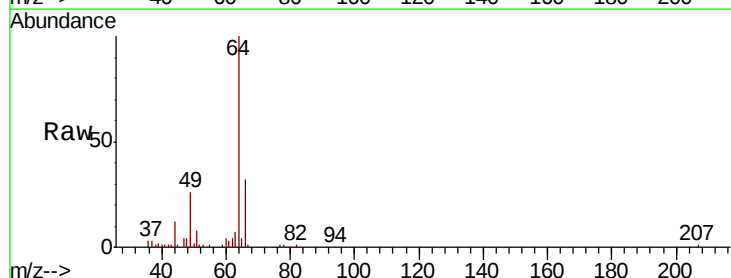
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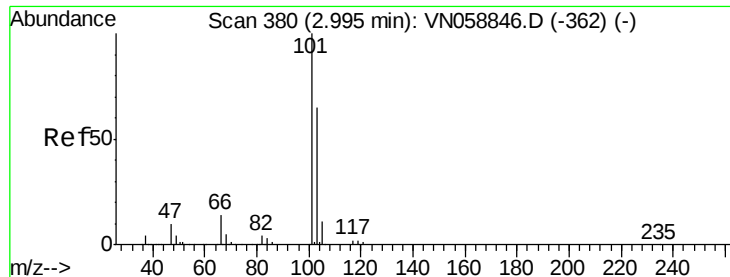
Tgt Ion: 64 Resp: 82587

Ion Ratio Lower Upper

64 100

66 32.1 25.0 37.4





#7

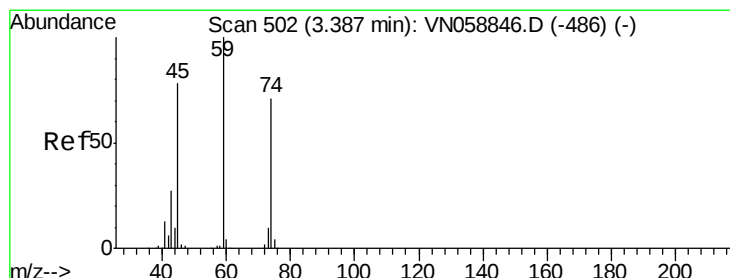
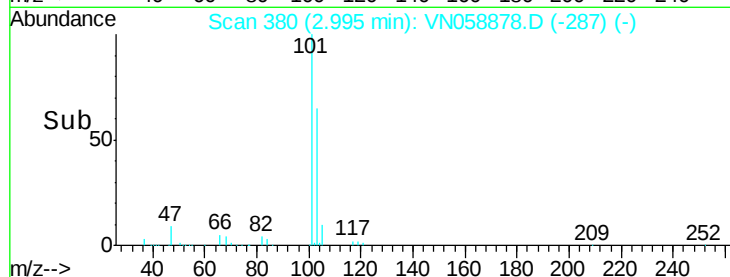
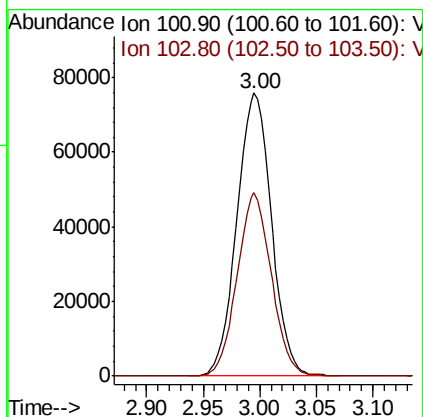
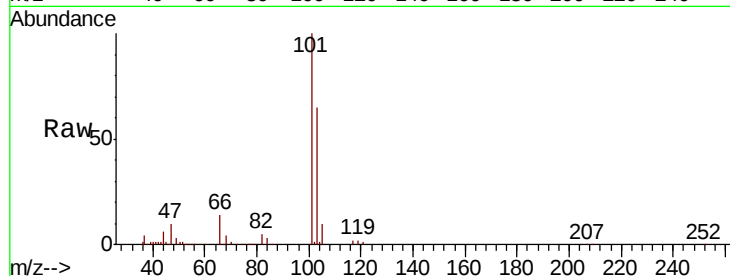
Trichlorofluoromethane
Concen: 20.399 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
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ClientSampleId :
VN1021WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		161962		
103	65.1	52.2	78.2		

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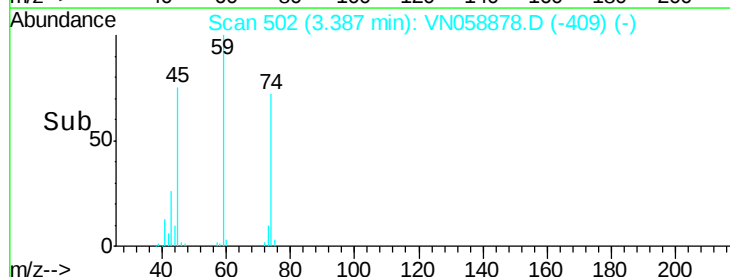
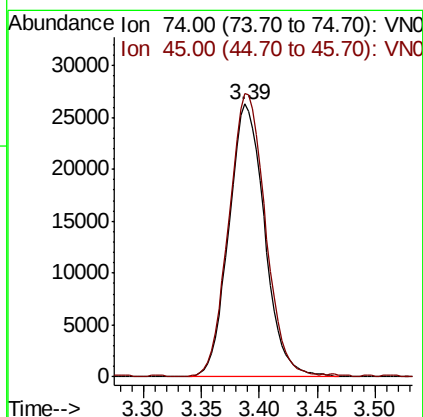
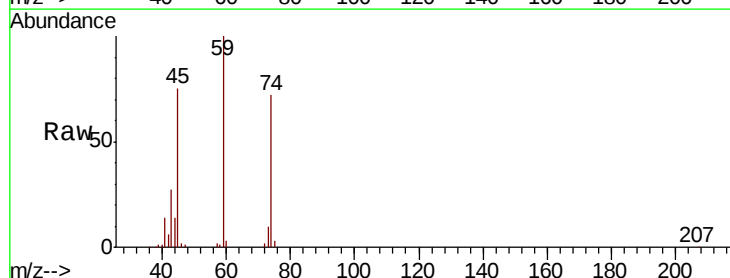
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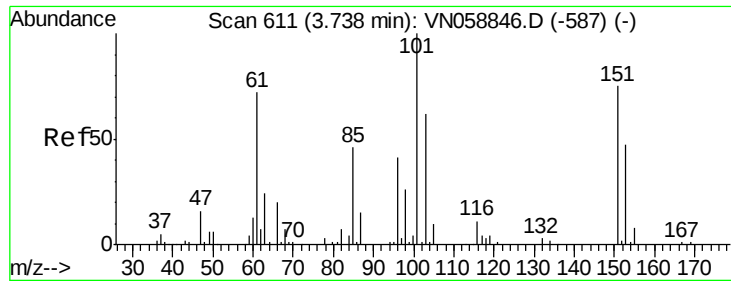


#8

Diethyl Ether
Concen: 20.496 ug/l
RT: 3.39 min Scan# 502
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		56236		
45	106.4	54.9	164.5		





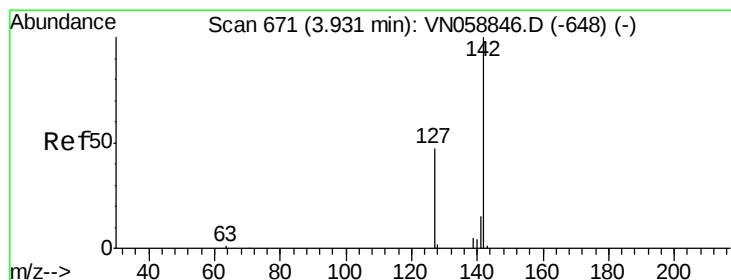
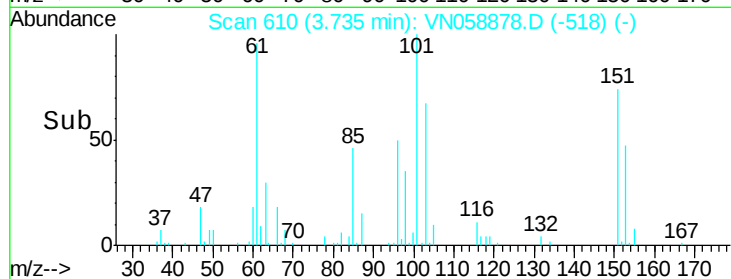
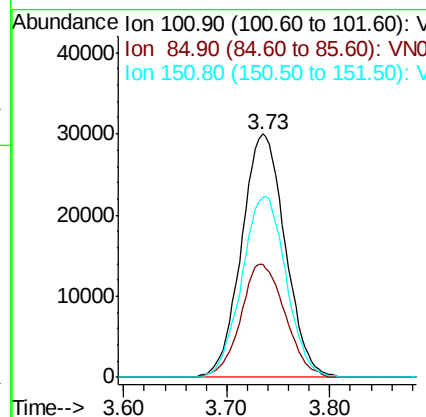
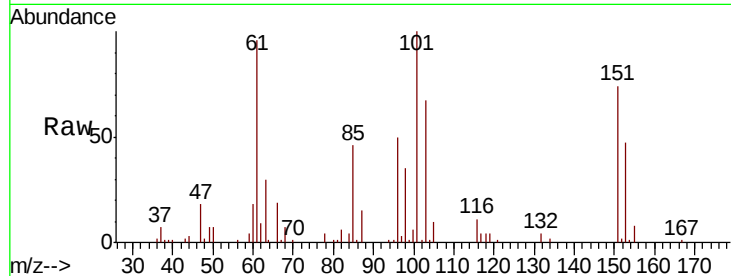
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.053 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	47.3	37.2	55.8
151	75.3	59.9	89.9

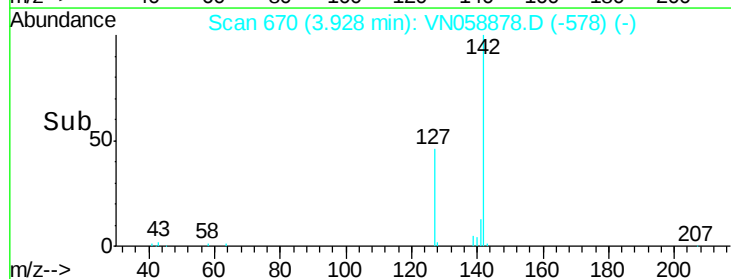
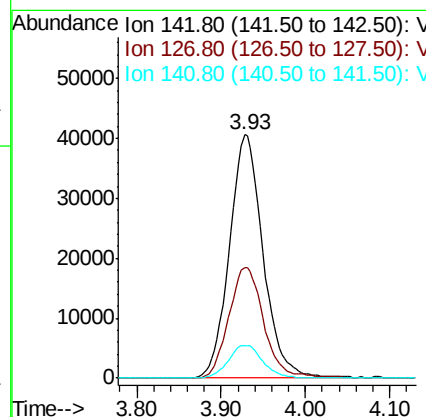
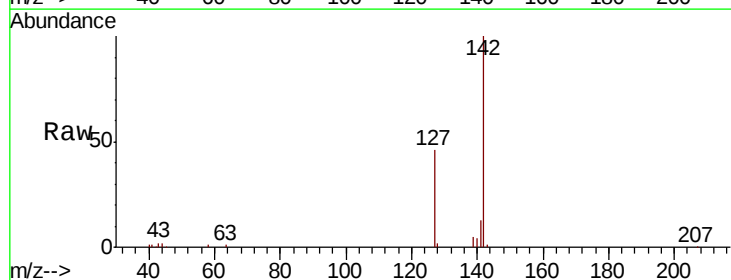
Manual Integrations
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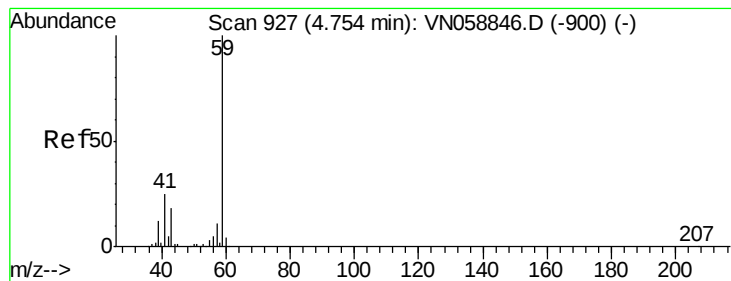
MMDadoda
10/22/2019 4:55:15 PM



#10
Methyl Iodide
Concen: 19.448 ug/l
RT: 3.93 min Scan# 670
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.3	36.6	54.8
141	13.8	11.4	17.2





#11

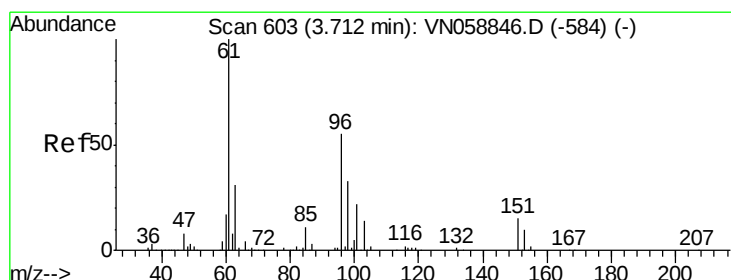
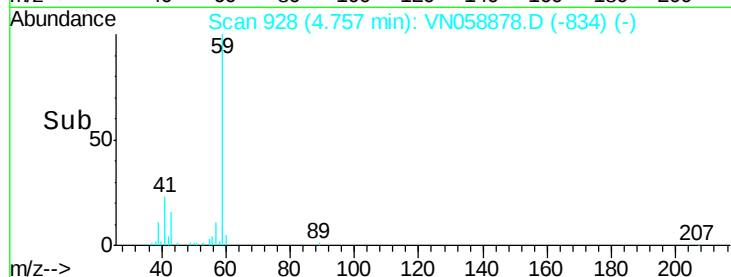
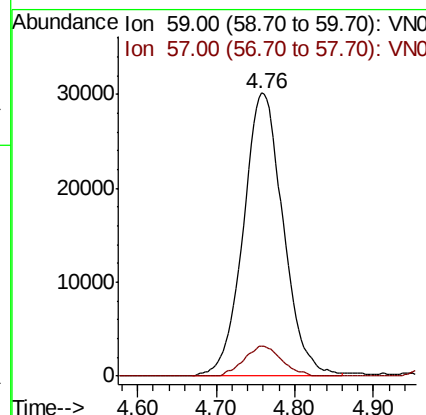
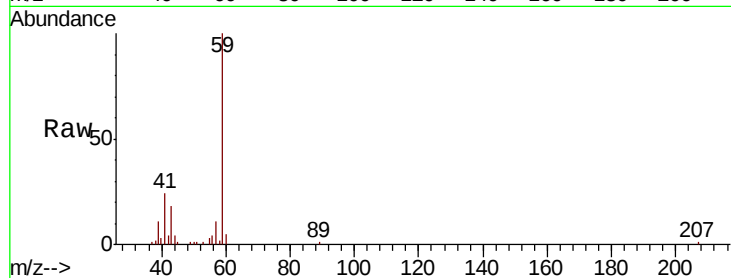
Tert butyl alcohol
Concen: 105.788 ug/l
RT: 4.76 min Scan# 928
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	107756		
57	10.1		8.6	12.8

Manual Integrations
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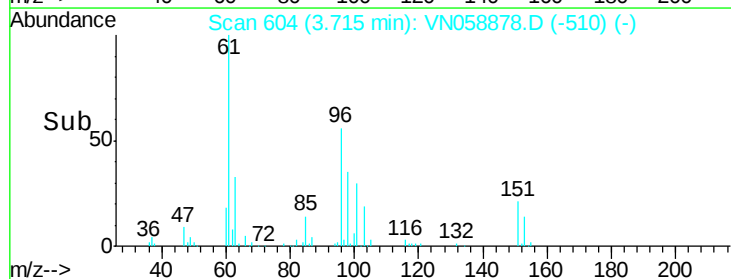
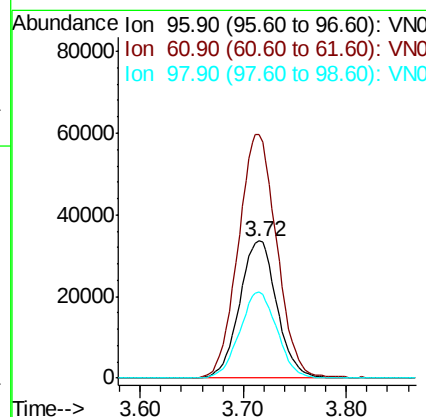
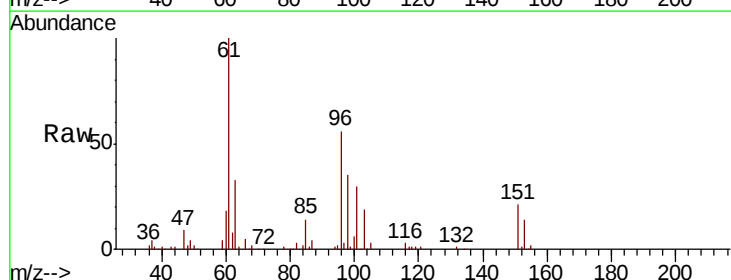
MMDadoda
10/22/2019 4:55:15 PM

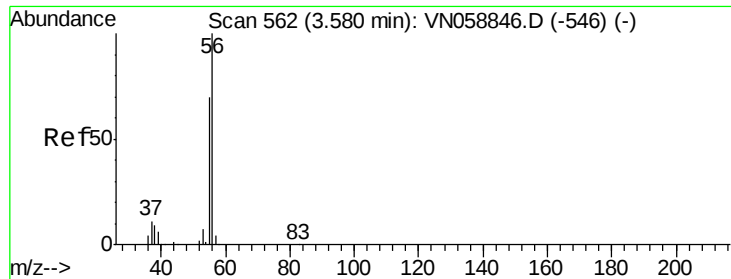


#12

1,1-Dichloroethene
Concen: 20.504 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	84595		
61	177.3		146.2	219.2
98	62.9		48.7	73.1





#13

Acrolein

Concen: 98.158 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion: 56 Resp: 68700

Ion Ratio Lower Upper

56 100

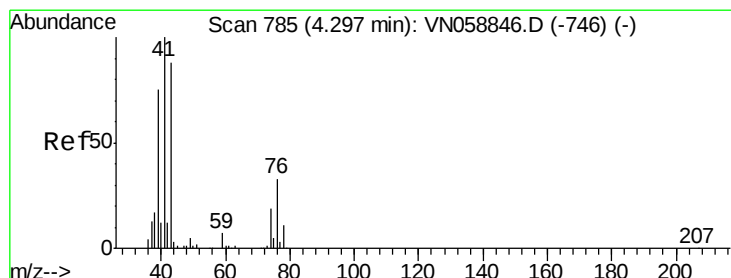
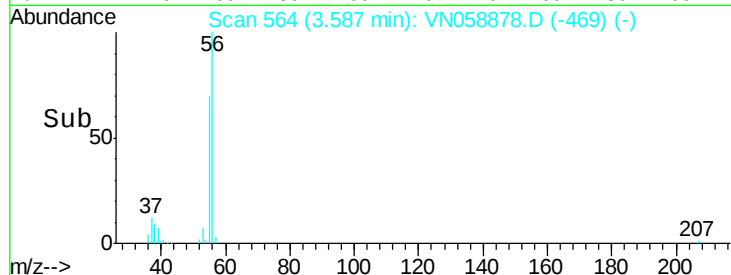
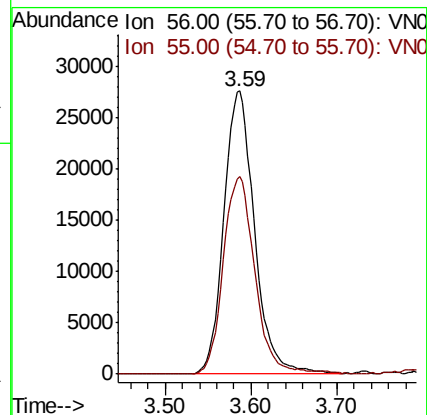
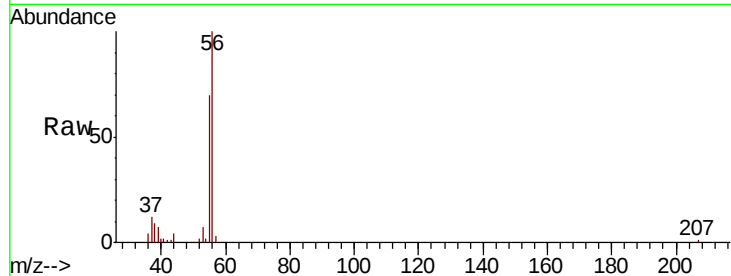
55 71.7 56.6 85.0

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 20.429 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

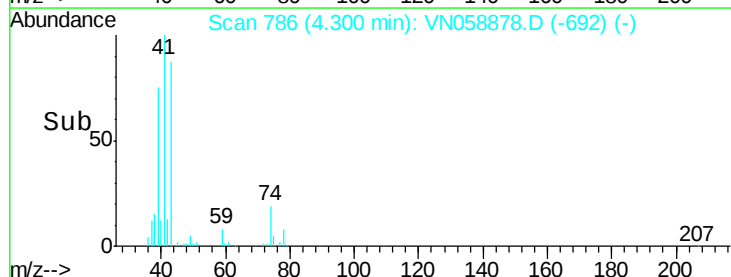
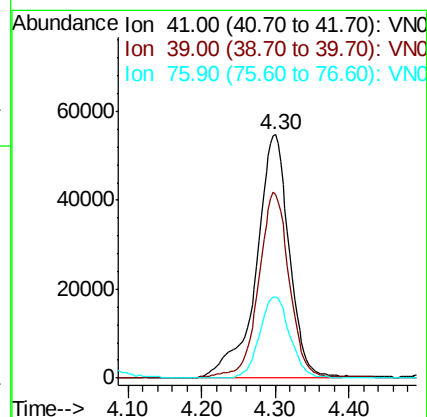
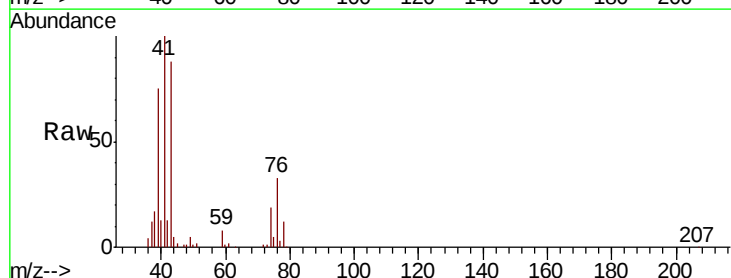
Tgt Ion: 41 Resp: 170557

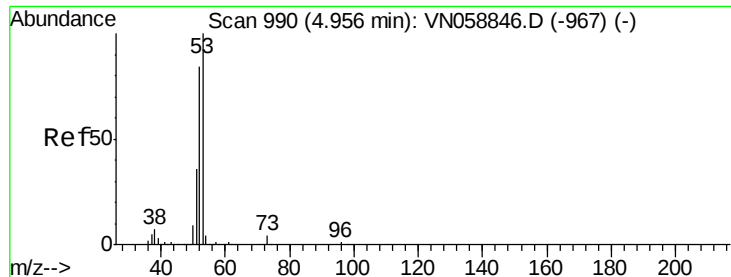
Ion Ratio Lower Upper

41 100

39 71.0 55.9 83.9

76 30.6 24.1 36.1





#15

Acrylonitrile

Concen: 105.497 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Instrument :

MSVOA_N

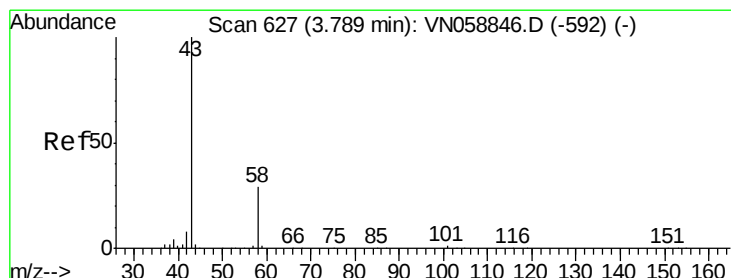
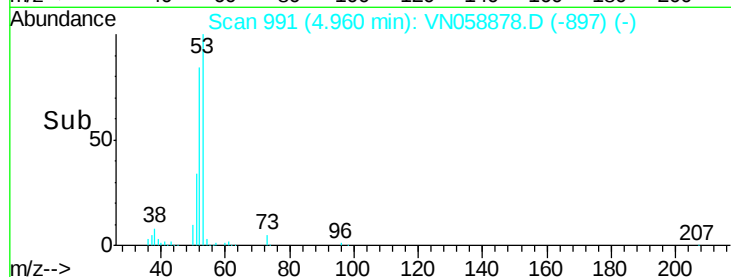
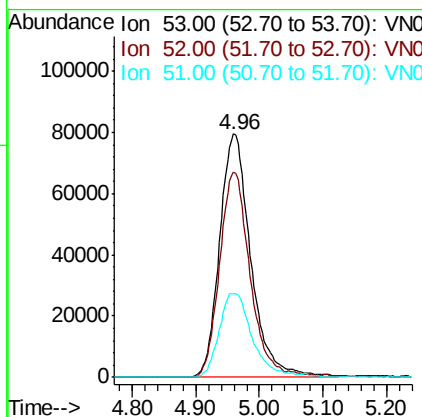
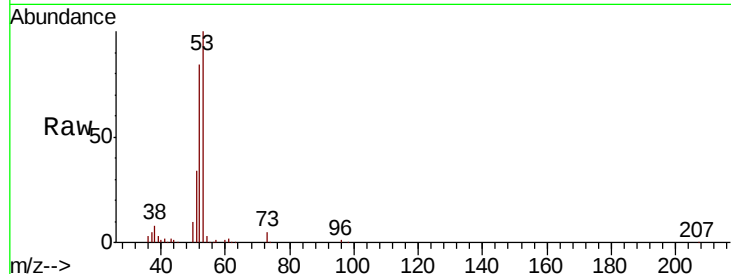
ClientSampleId :

VN1021WBS01

Tot Ion:	53	Resp:	270305
Ion Ratio		Lower	Upper
53	100		
52	81.5	66.6	99.8
51	36.5	29.2	43.8

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 95.138 ug/l

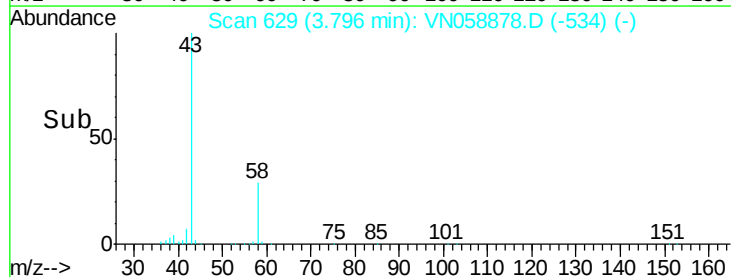
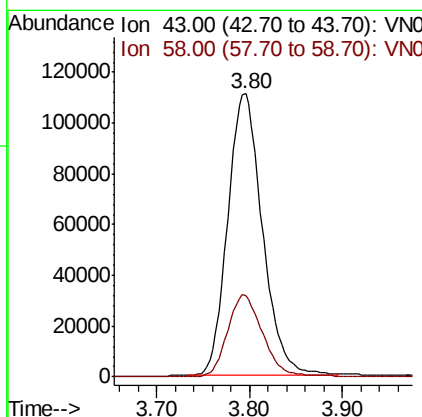
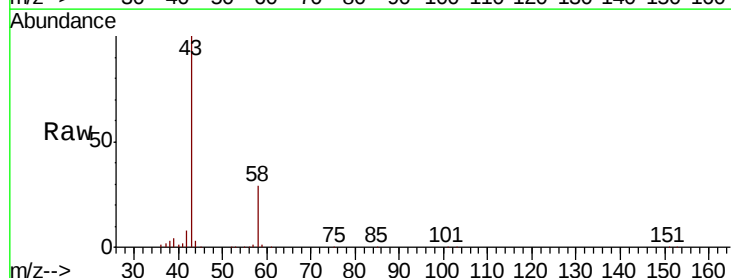
RT: 3.80 min Scan# 629

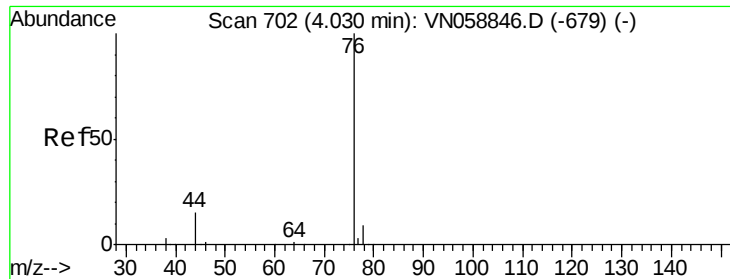
Delta R.T. 0.01 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Tgt Ion:	43	Resp:	288566
Ion Ratio		Lower	Upper
43	100		
58	28.9	23.1	34.7





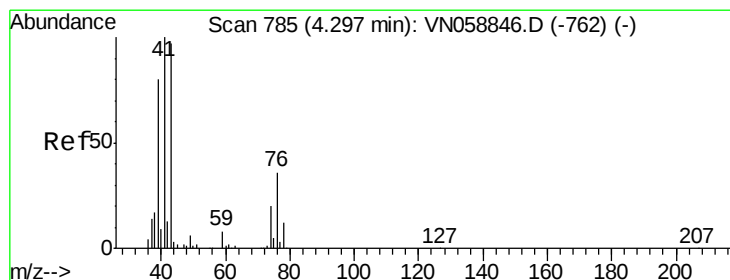
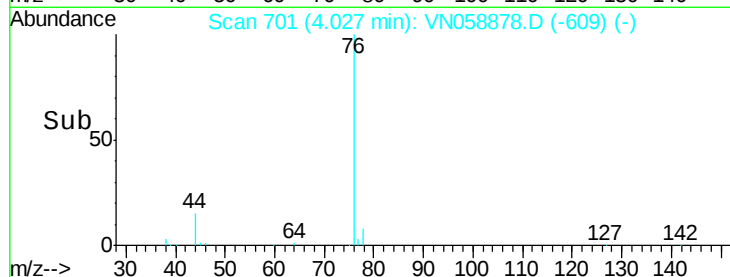
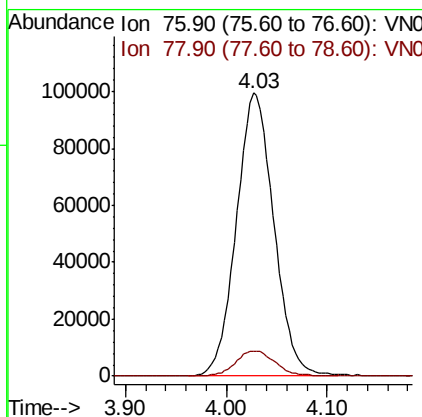
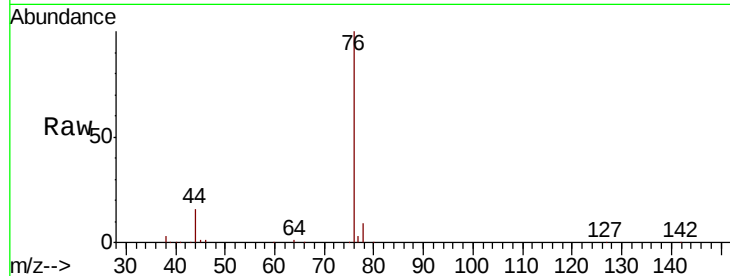
#17
Carbon Disulfide
Concen: 19.332 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.1	10.7

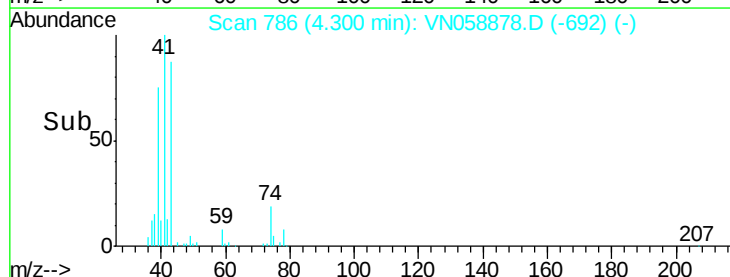
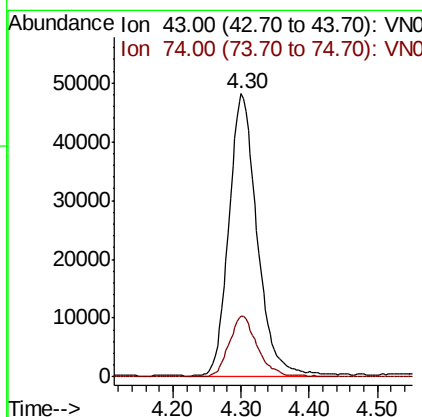
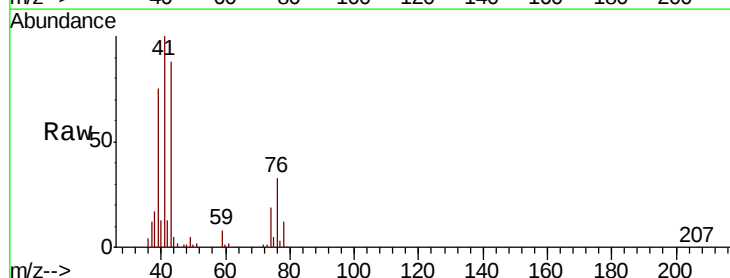
Manual Integrations
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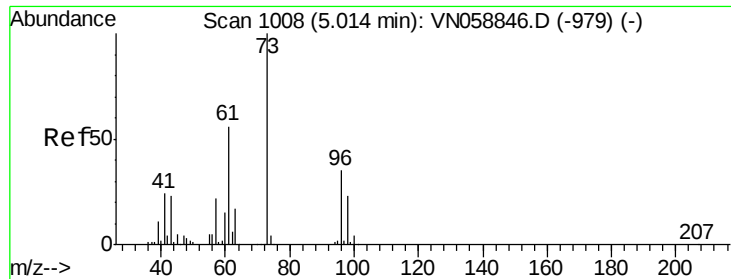
MMDadoda
10/22/2019 4:55:15 PM



#18
Methyl Acetate
Concen: 20.064 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	17.1	25.7





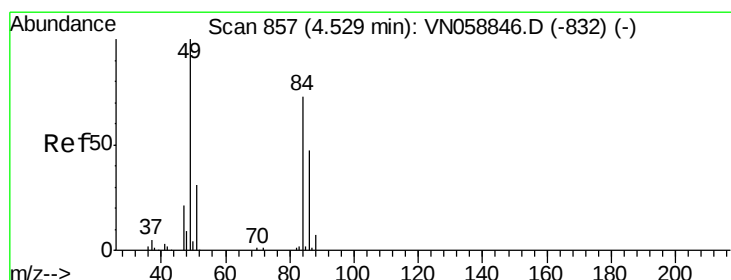
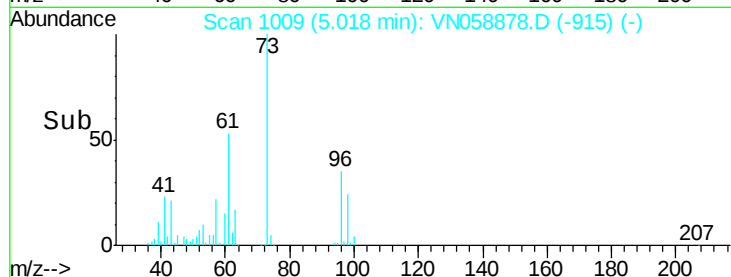
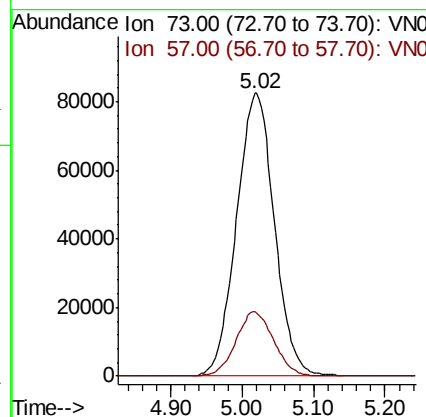
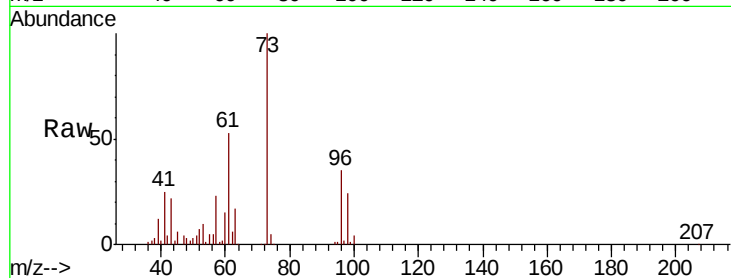
#19
Methvl tert-butvl Ether
Concen: 21.056 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion: 73 Resp: 304190
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9

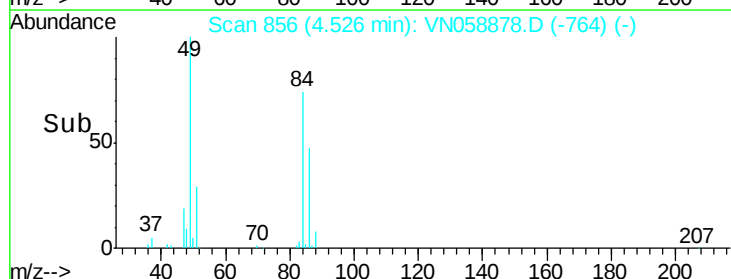
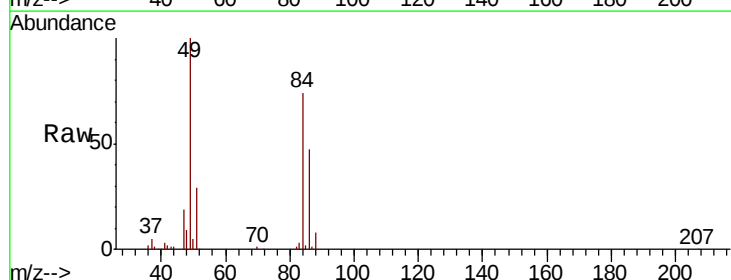
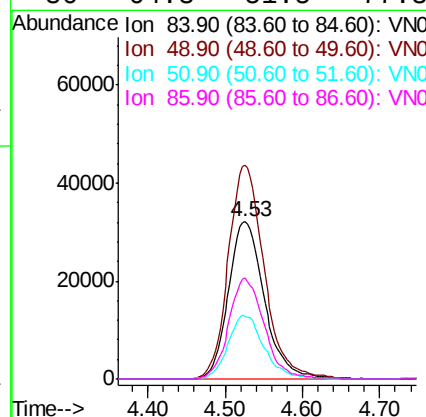
Manual Integrations
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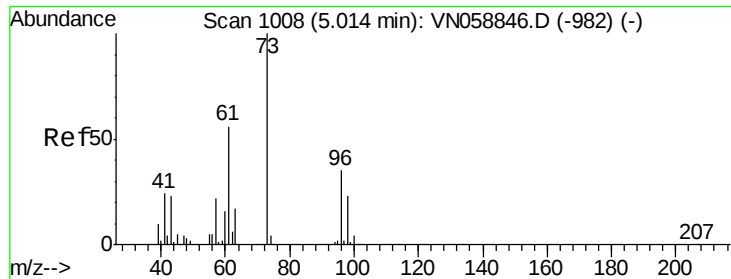
MMDadoda
10/22/2019 4:55:15 PM



#20
Methylene Chloride
Concen: 20.039 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion: 84 Resp: 103786
Ion Ratio Lower Upper
84 100
49 136.0 109.6 164.4
51 39.9 33.8 50.6
86 64.3 51.5 77.3





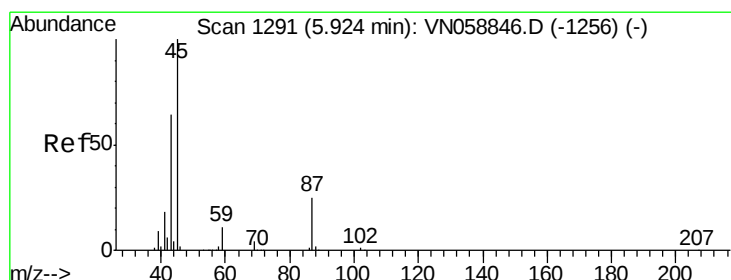
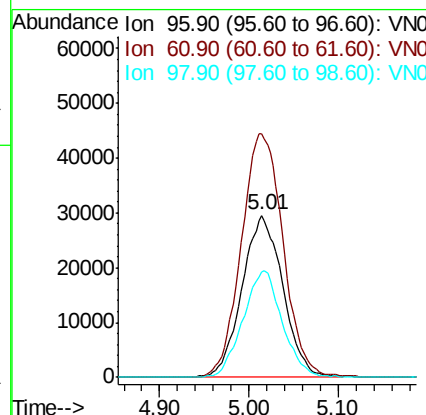
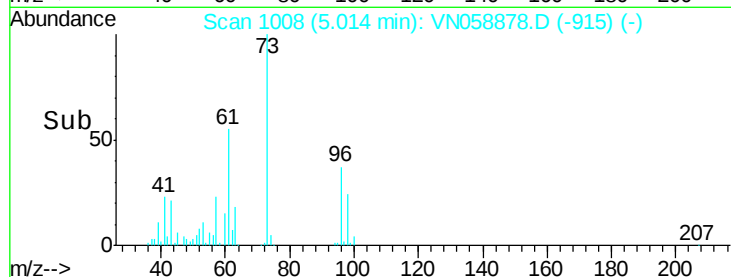
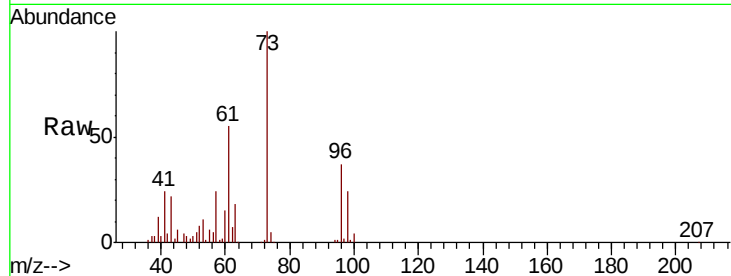
#21
trans-1,2-Dichloroethene
Concen: 20.616 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.4	126.7	190.1
98	64.9	52.0	78.0

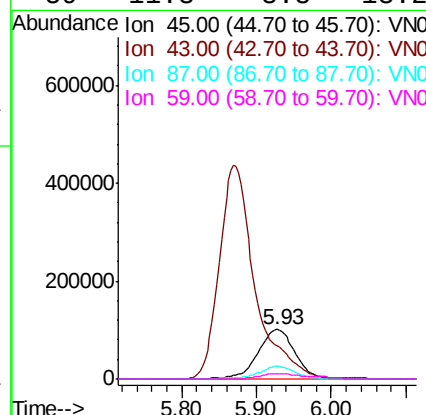
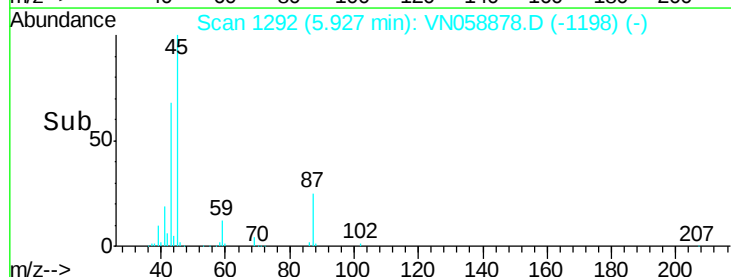
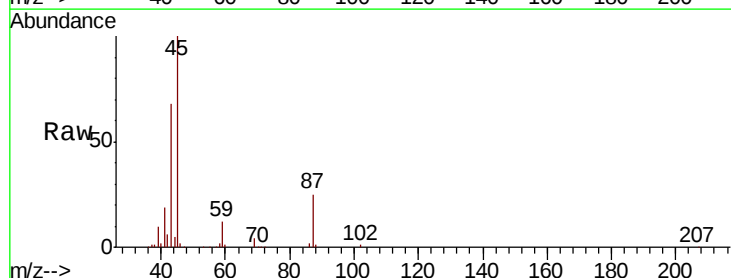
Manual Integrations
APPROVED

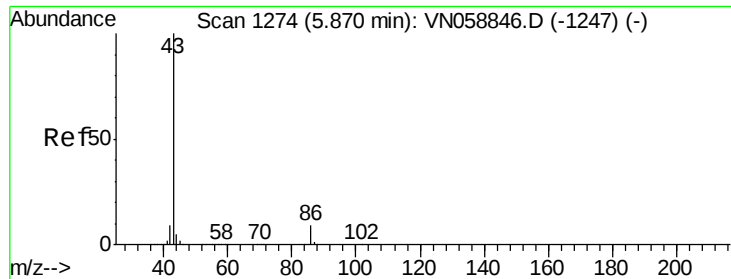
MMDadoda
10/22/2019 4:55:15 PM



#22
Diisopropyl ether
Concen: 21.170 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.3	52.9	79.3
87	24.7	20.2	30.4
59	11.3	8.8	13.2





#23

Vinyl Acetate

Concen: 110.326 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. -0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion: 43 Resp: 1447447

Ion Ratio Lower Upper

43 100

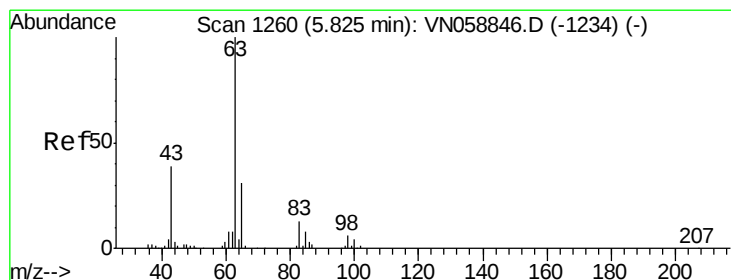
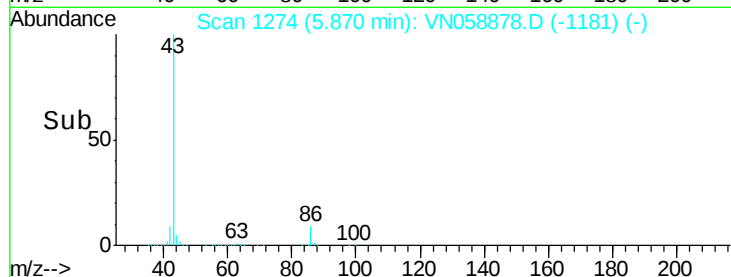
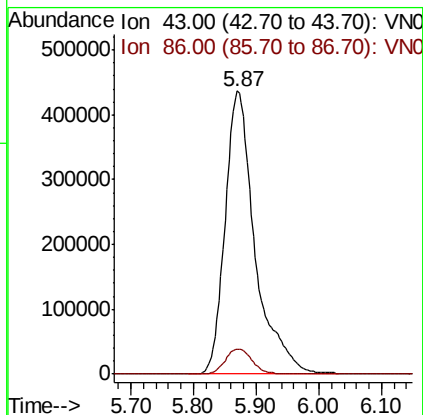
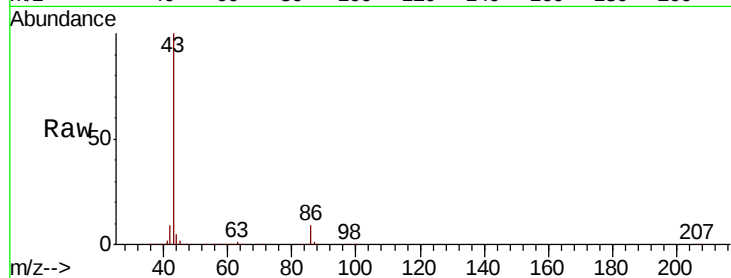
86 8.9 7.2 10.8

Manual Integrations

APPROVED

MMDadoda

10/22/2019 4:55:15 PM



#24

1,1-Dichloroethane

Concen: 20.495 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

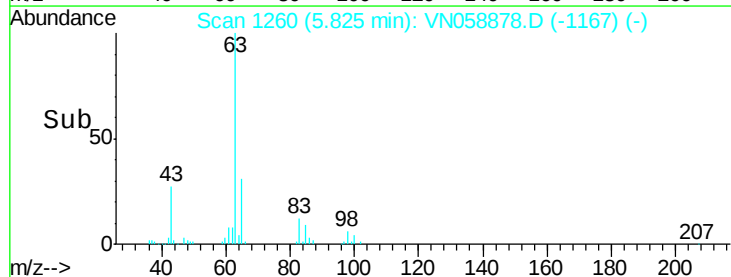
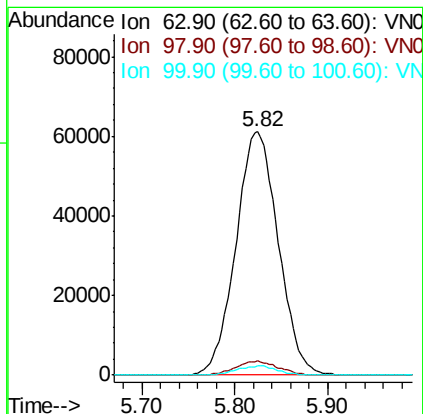
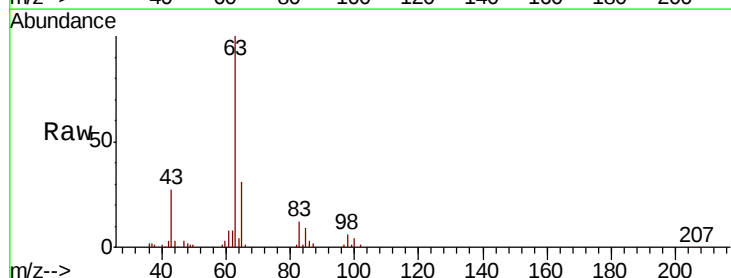
Tgt Ion: 63 Resp: 194059

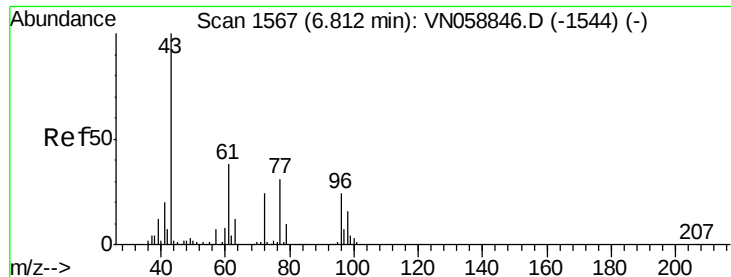
Ion Ratio Lower Upper

63 100

98 5.7 2.8 8.4

100 3.7 1.9 5.7





#25

2-Butanone

Concen: 99.911 ug/l

RT: 6.81 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion: 43 Resp: 393379

Ion Ratio Lower Upper

43 100

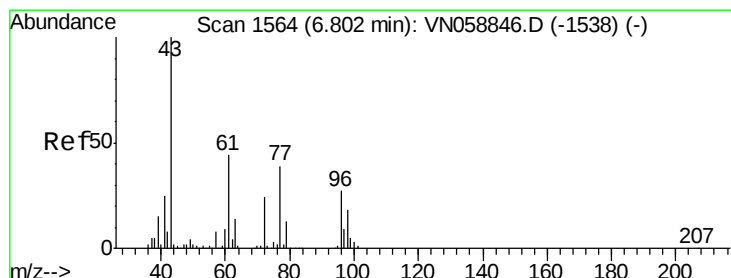
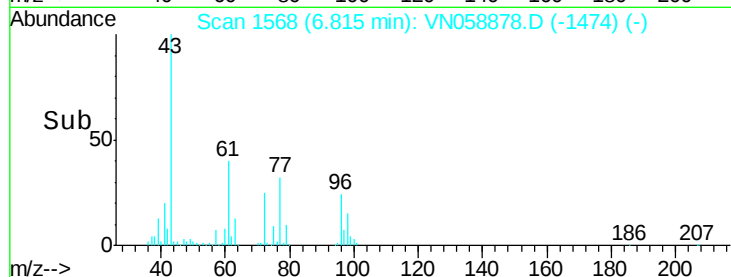
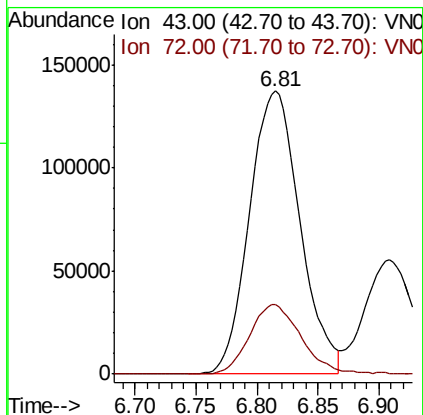
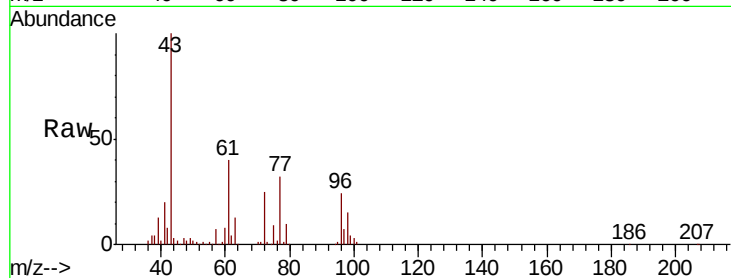
72 24.7 19.1 28.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.408 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN058878.D

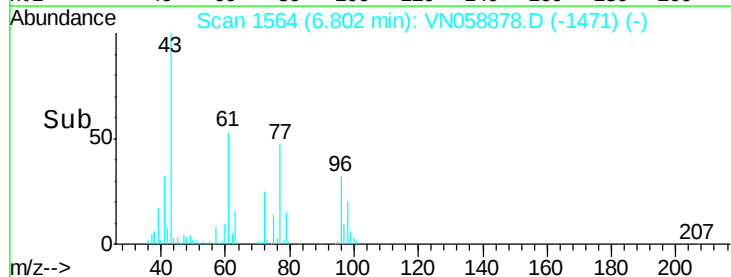
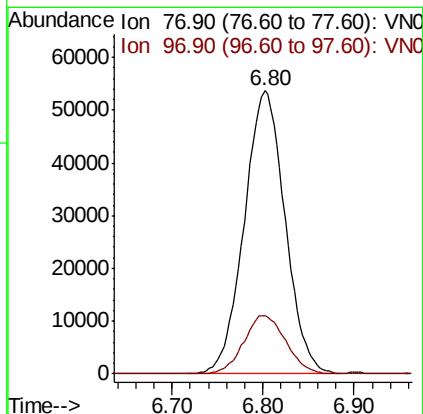
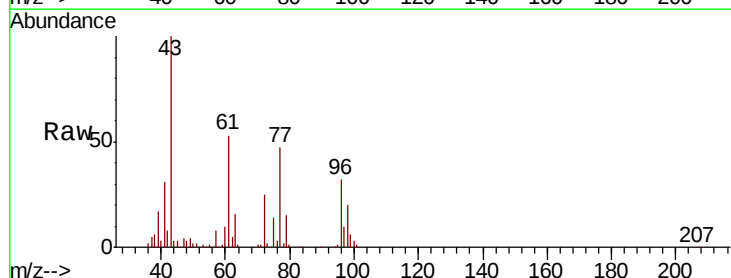
Acq: 21 Oct 2019 11:27

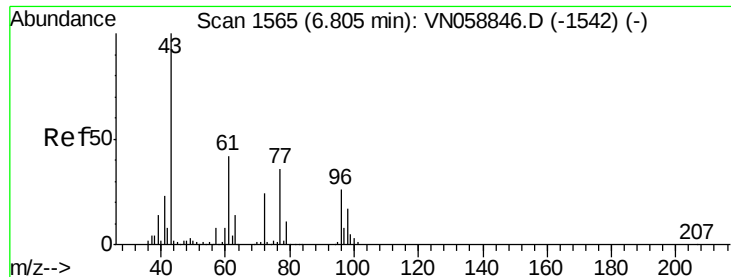
Tgt Ion: 77 Resp: 167142

Ion Ratio Lower Upper

77 100

97 21.2 10.6 31.8





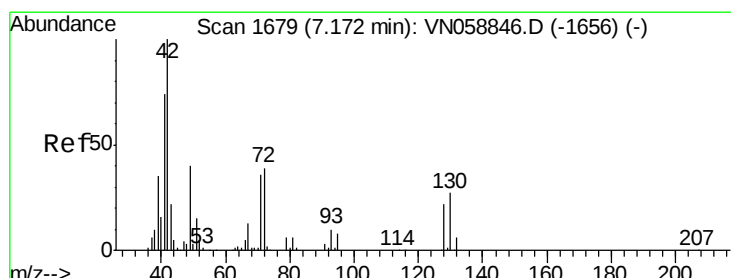
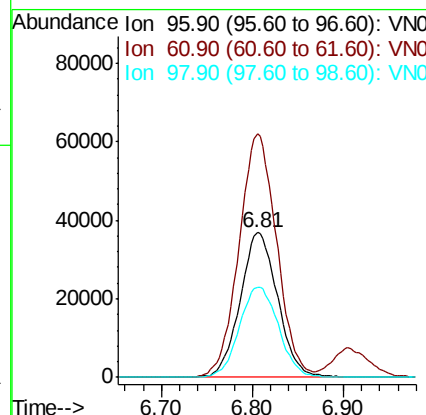
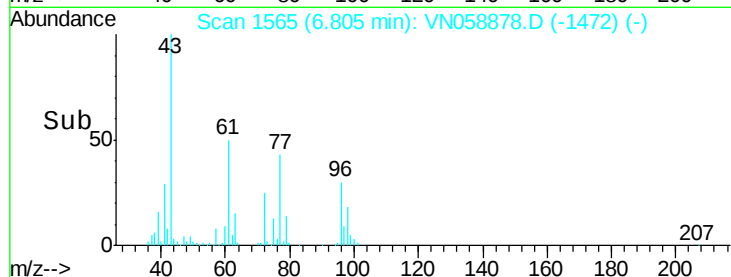
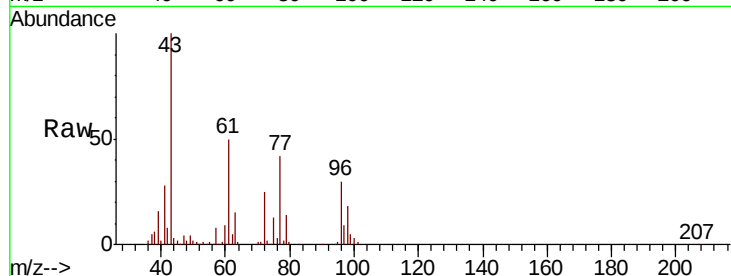
#27
 cis-1,2-Dichloroethene
 Concen: 20.265 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	169.0	0.0	325.0	
98	65.3	0.0	128.0	

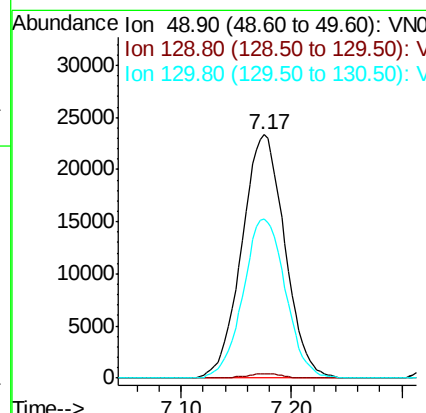
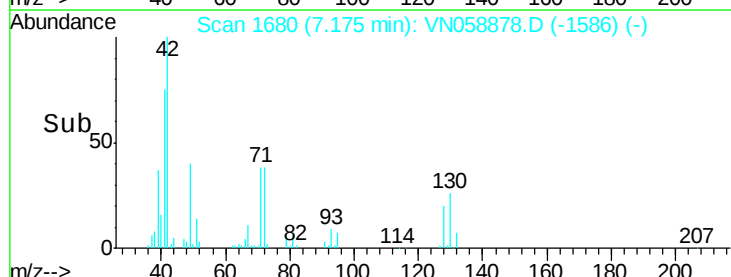
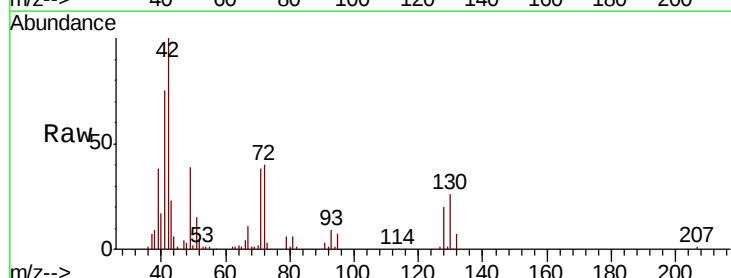
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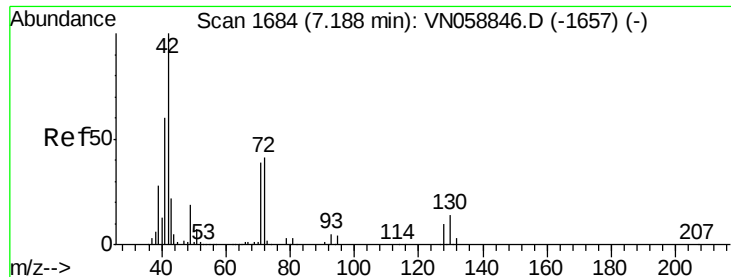
MMDadoda
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#28
 Bromochloromethane
 Concen: 20.022 ug/l
 RT: 7.17 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.4	0.0	3.2	
130	64.3	53.5	80.3	





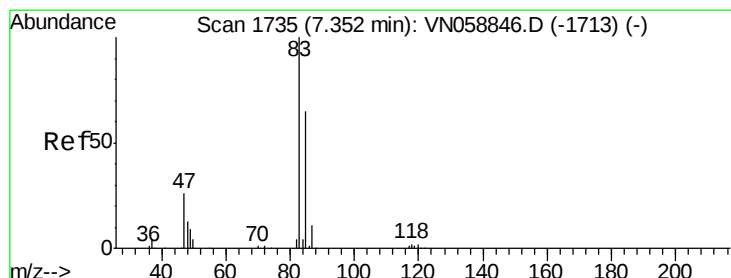
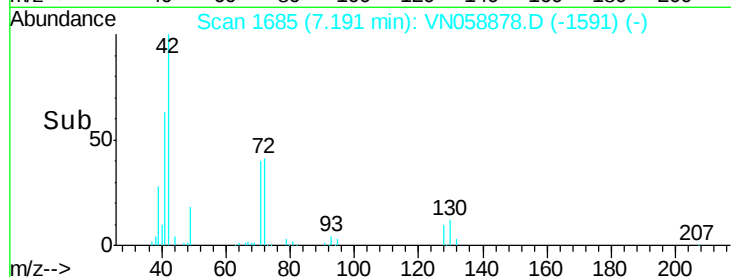
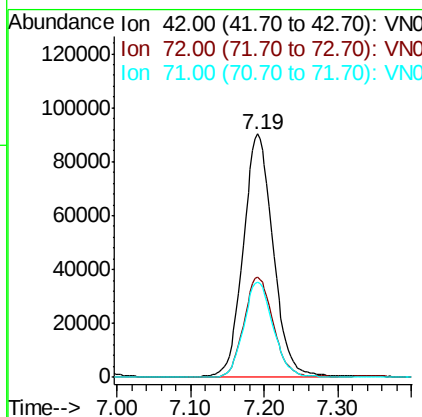
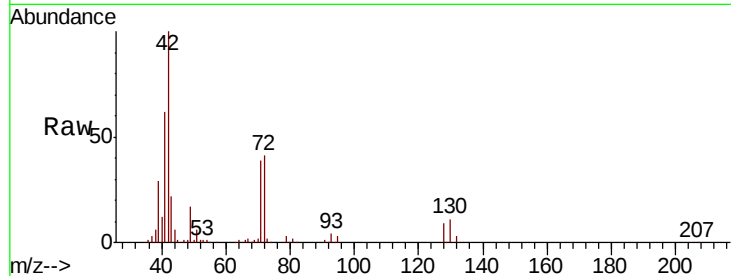
#29
Tetrahydrofuran
Concen: 105.329 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.2	48.2
71	38.9	30.6	45.8

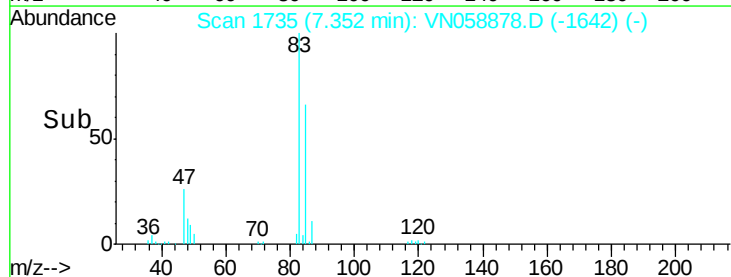
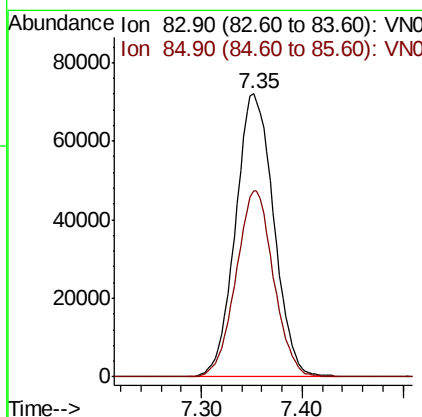
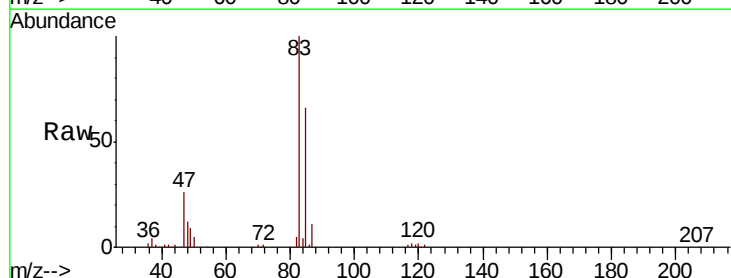
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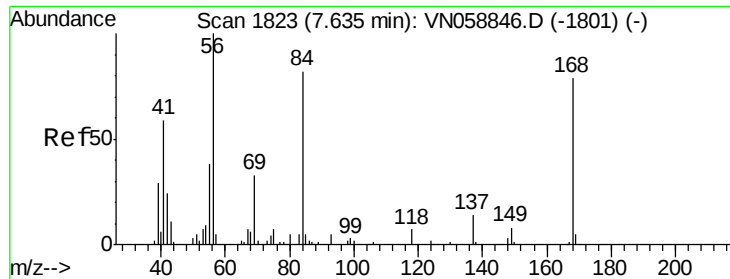
MMDadoda
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#30
Chloroform
Concen: 19.907 ug/l
RT: 7.35 min Scan# 1735
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.9	77.9





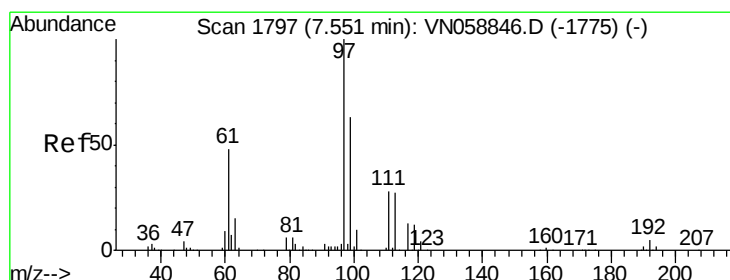
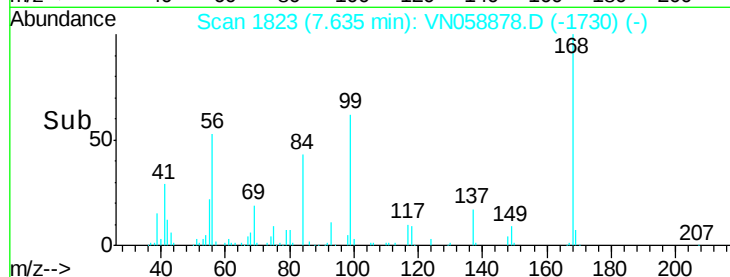
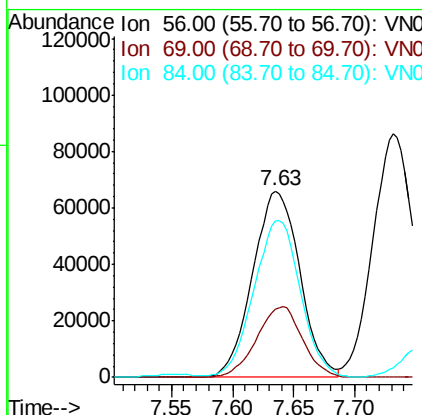
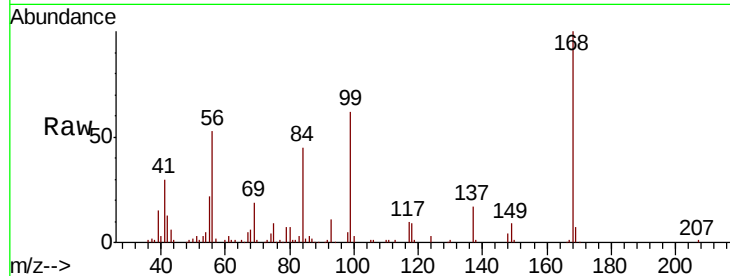
#31
Cyclohexane
Concen: 20.114 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.3	26.2	39.4
84	82.8	65.6	98.4

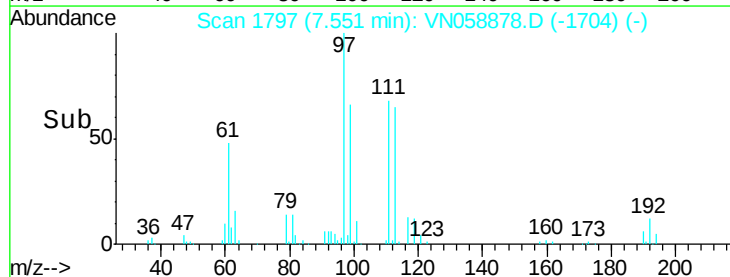
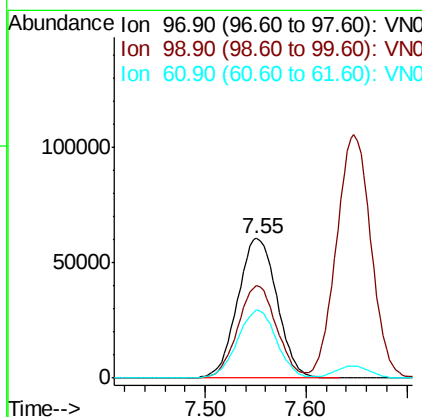
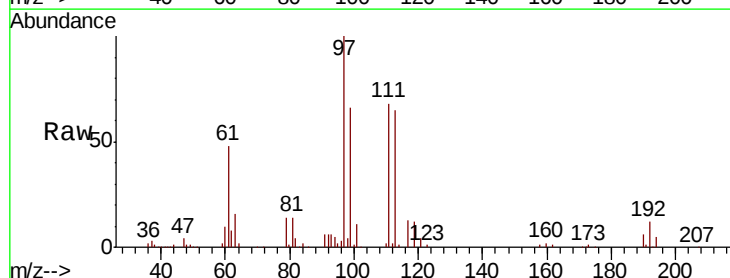
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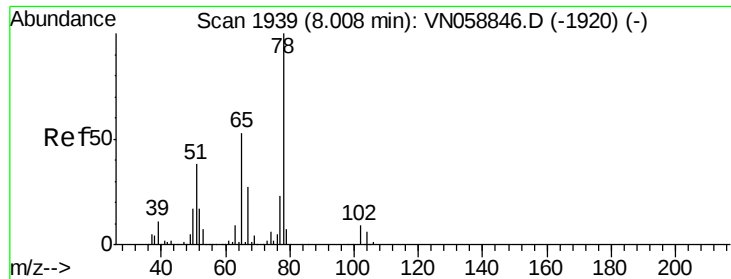
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.515 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.4
61	48.3	38.6	58.0





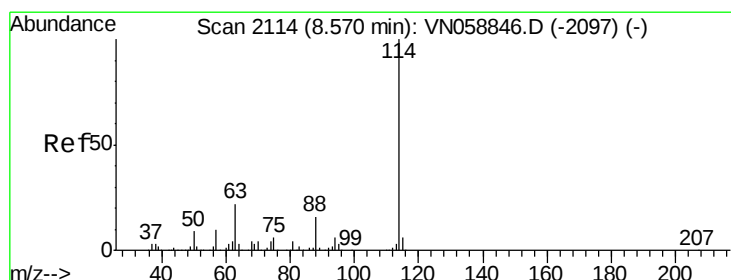
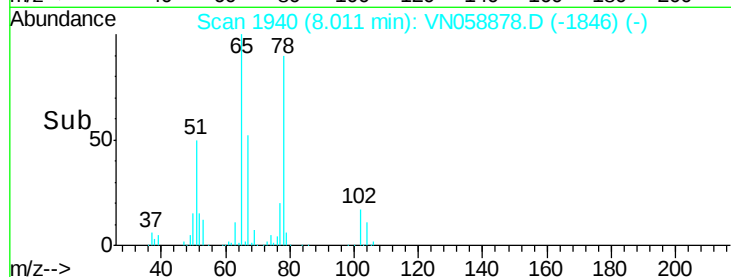
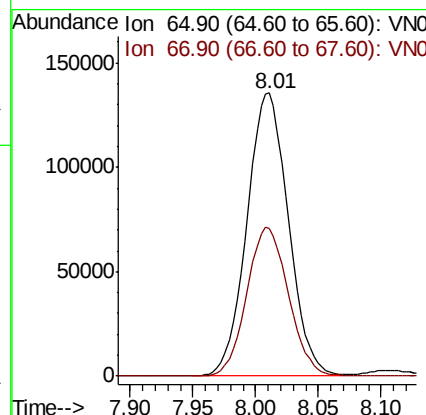
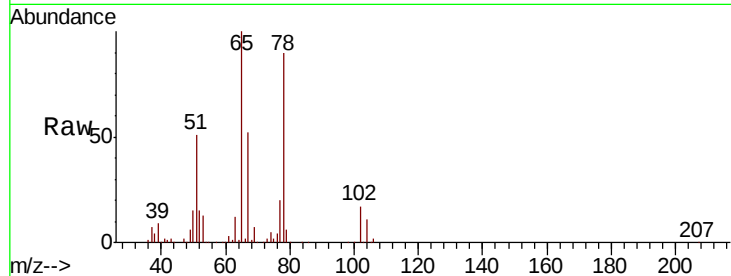
#33
 1,2-Dichloroethane-d4
 Concen: 50.753 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.8	0.0	103.2	

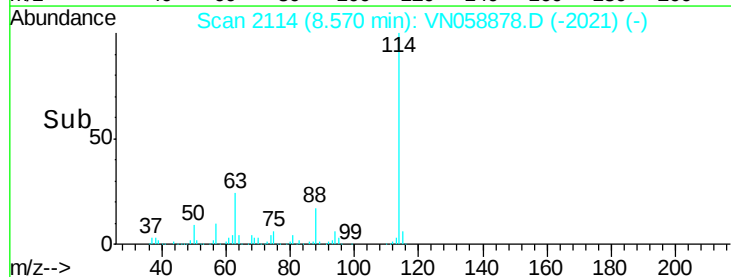
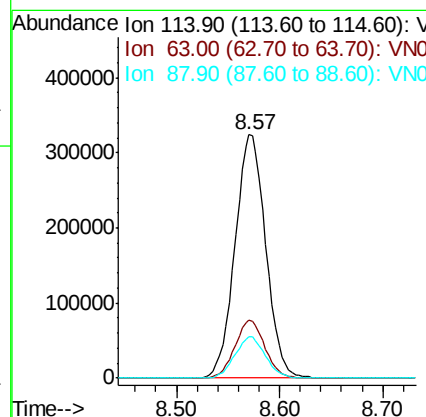
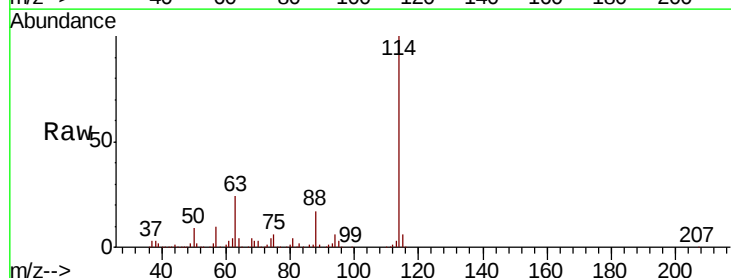
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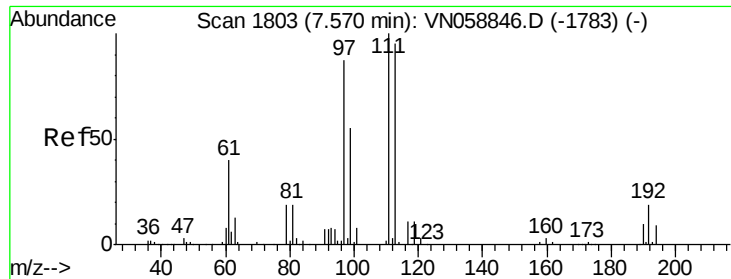
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.7	0.0	44.4	
88	16.9	0.0	31.4	





#35

Dibromofluoromethane

Concen: 50.285 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Instrument :

MSVOA_N

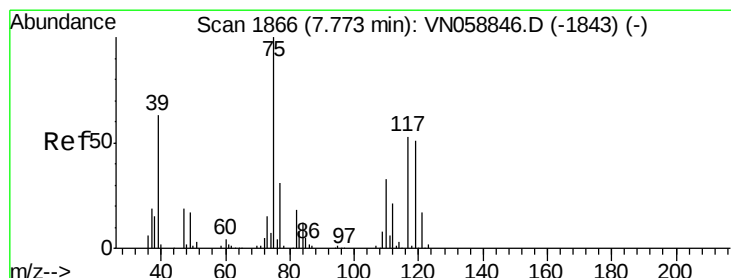
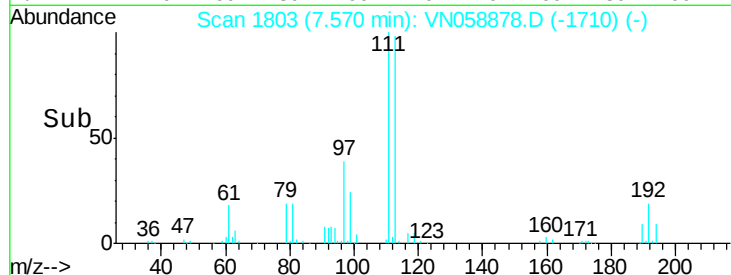
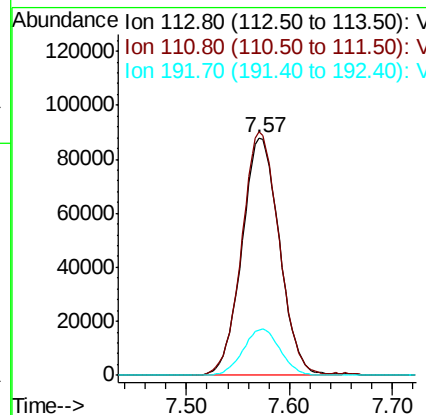
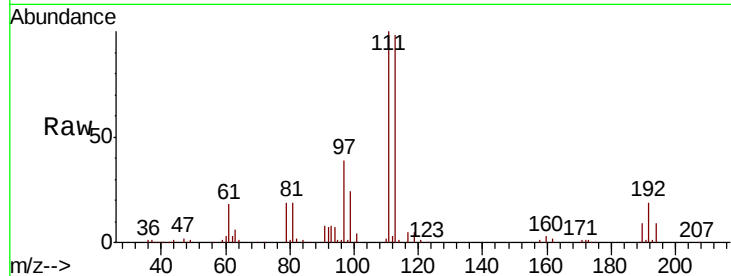
ClientSampleId :

VN1021WBS01

Tot Ion:	113	Resp:	222551
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.0	123.0
192	19.3	15.0	22.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.114 ug/l

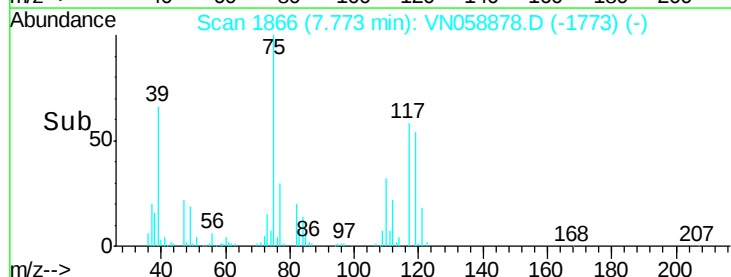
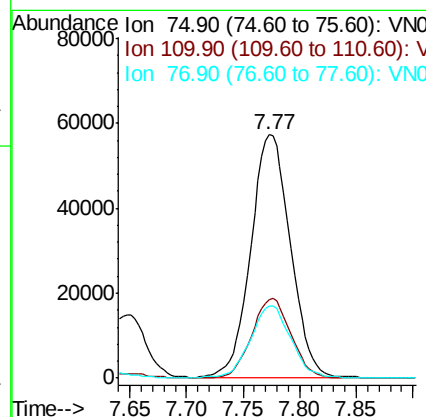
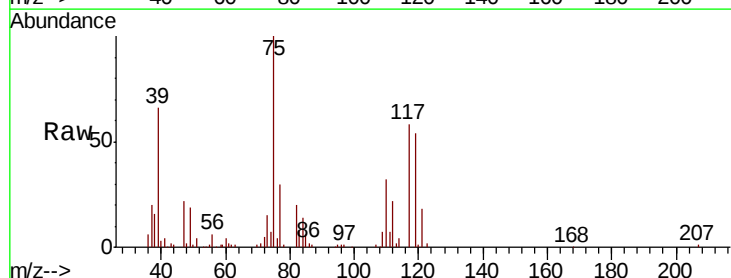
RT: 7.77 min Scan# 1866

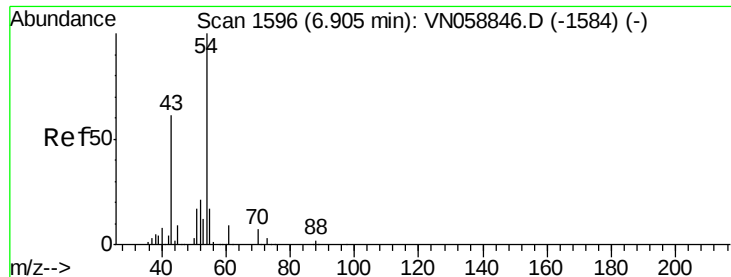
Delta R.T. -0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Tgt Ion:	75	Resp:	138618
Ion Ratio	Lower	Upper	
75	100		
110	32.5	16.3	48.9
77	30.6	24.6	36.8





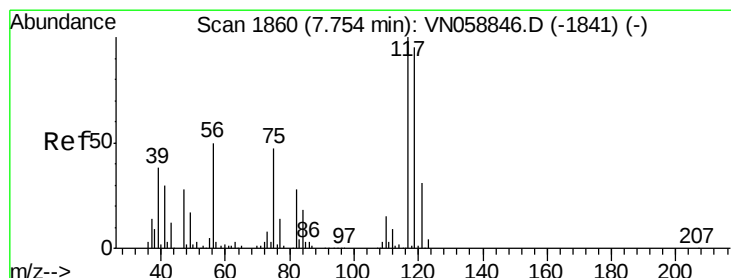
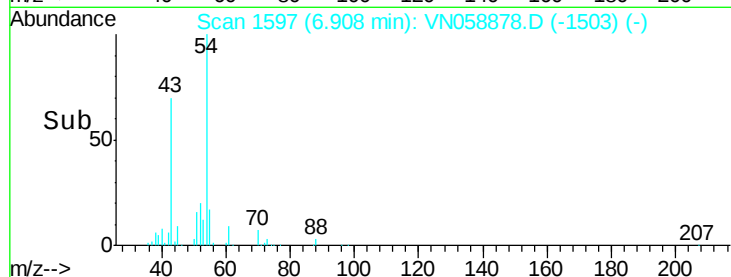
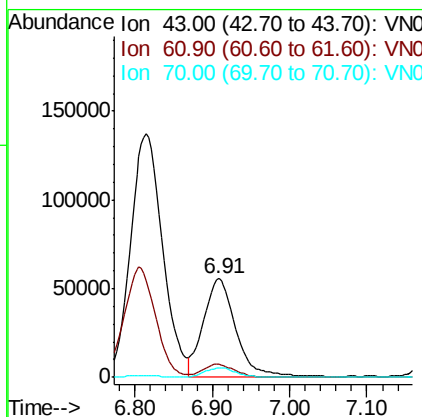
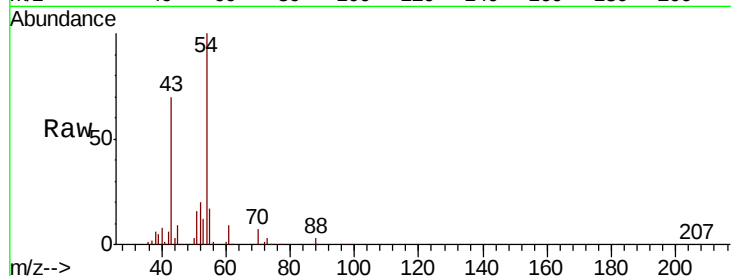
#37
Ethyl Acetate
Concen: 21.395 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.5	15.7
70	9.3	7.6	11.4

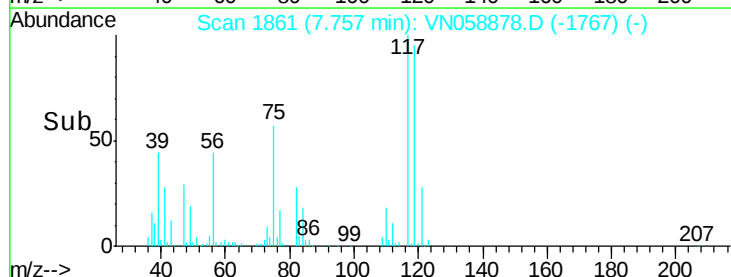
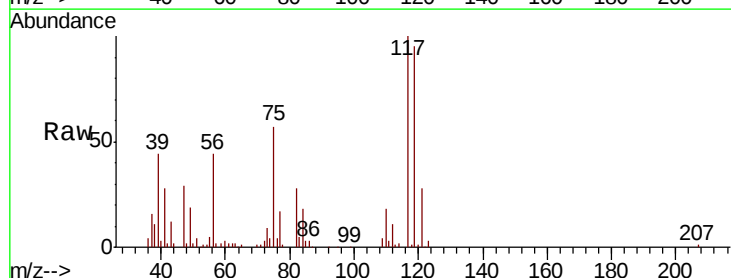
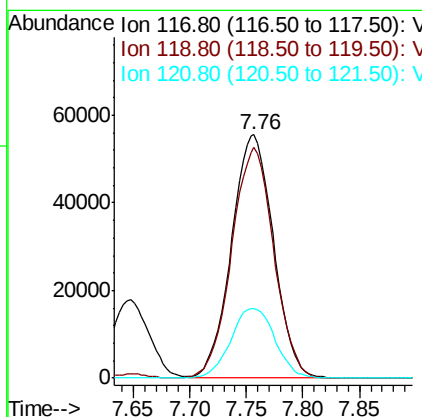
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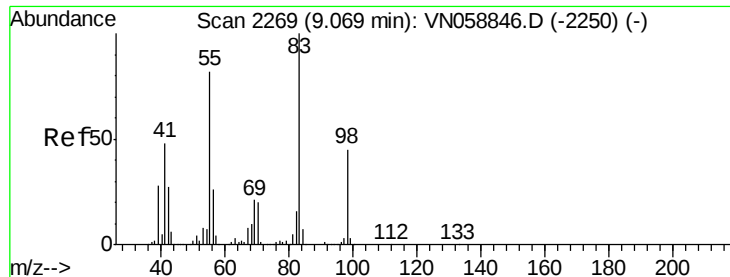
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#38
Carbon Tetrachloride
Concen: 20.171 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.7	113.5
121	28.5	25.0	37.6





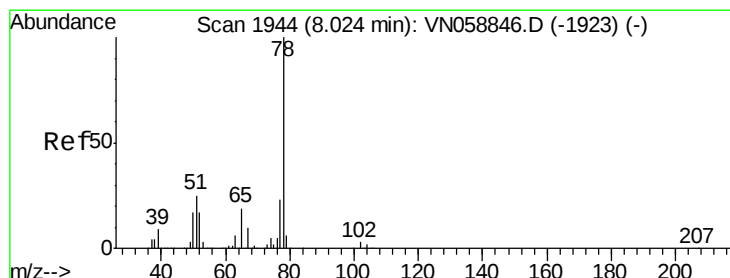
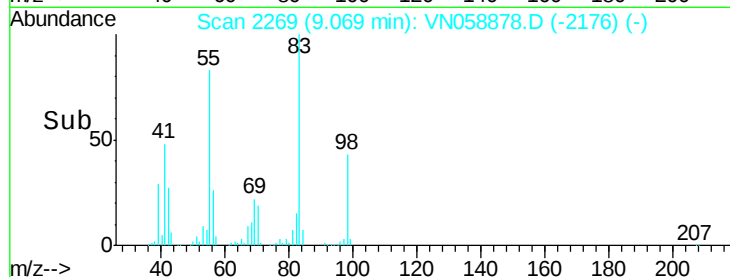
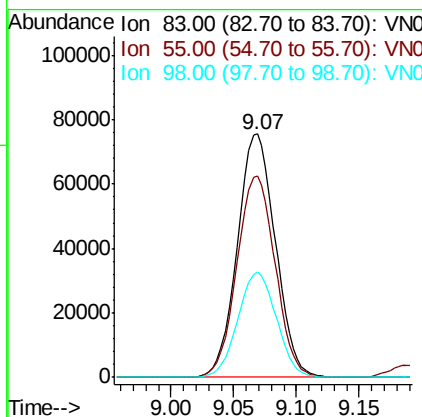
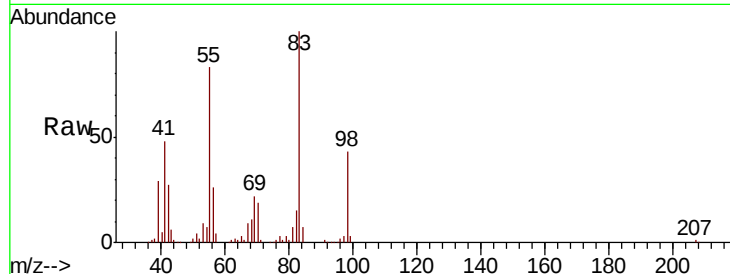
#39
Methvlcvclohexane
Concen: 20.533 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.7	65.5	98.3
98	43.4	35.7	53.5

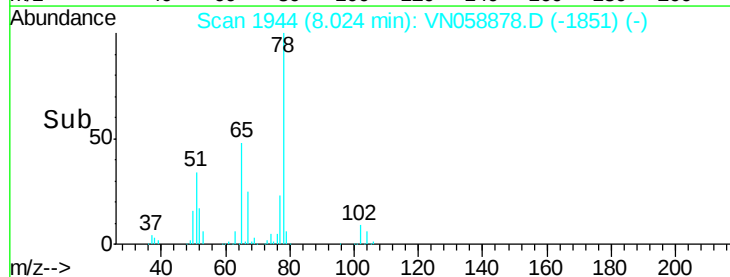
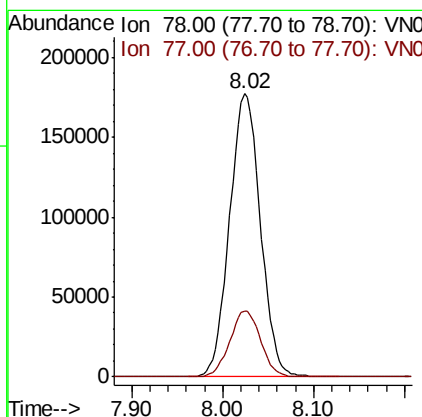
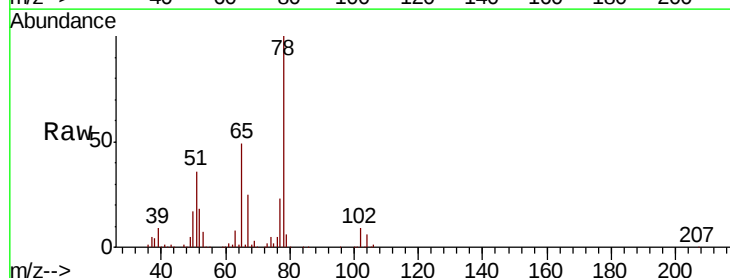
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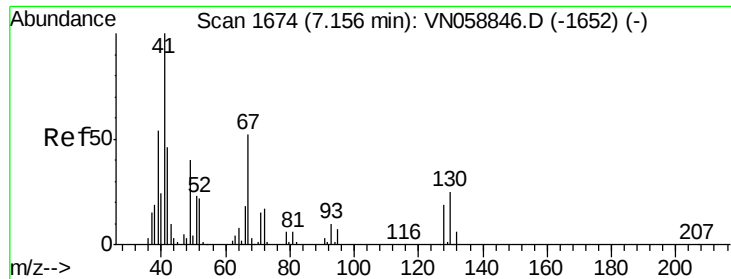
MMDadoda
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#40
Benzene
Concen: 20.622 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.2	27.2





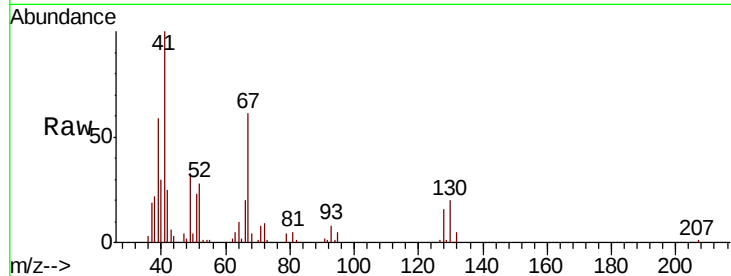
#41
Methacrylonitrile
Concen: 16.191 ug/l m
RT: 7.15 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

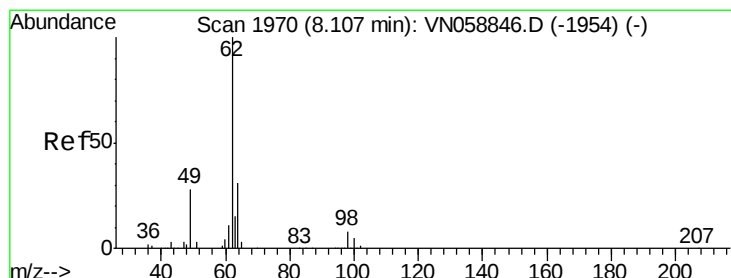
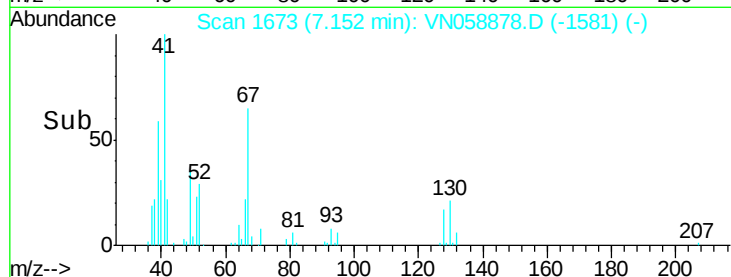
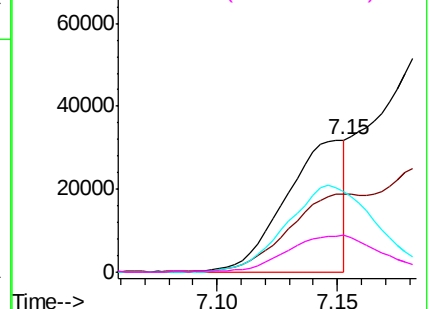
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		54150		
39	0.0	0.0	0.0		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

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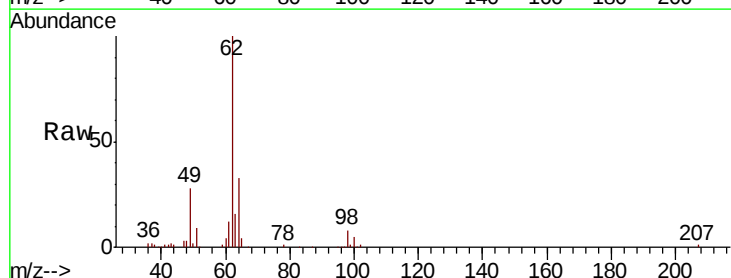


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

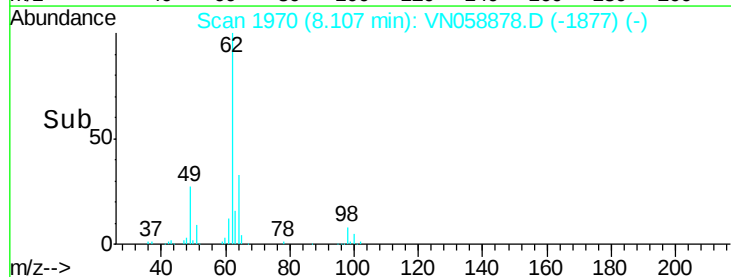
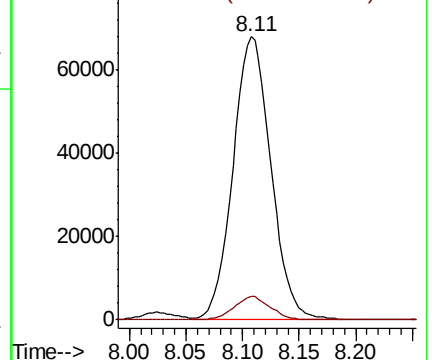


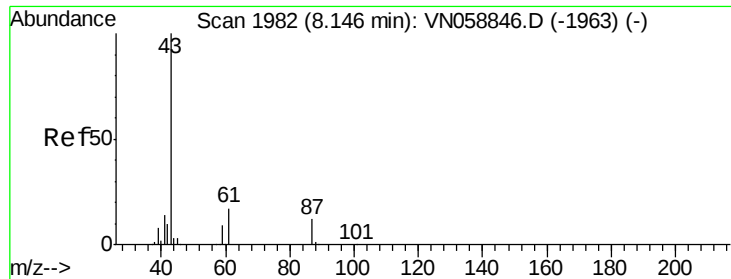
#42
1,2-Dichloroethane
Concen: 20.182 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		157329		
98	7.9	0.0	16.2		



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





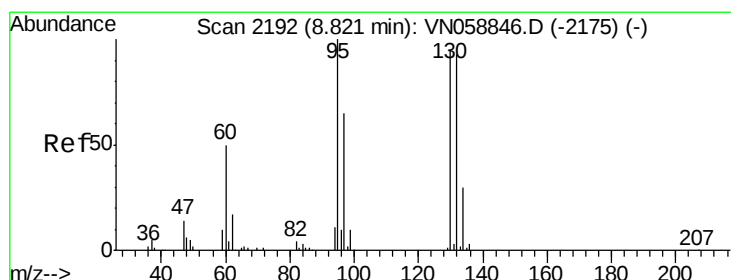
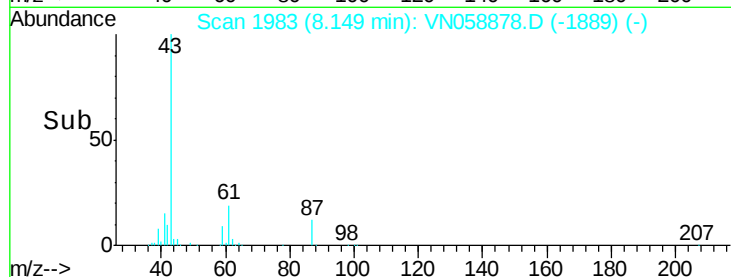
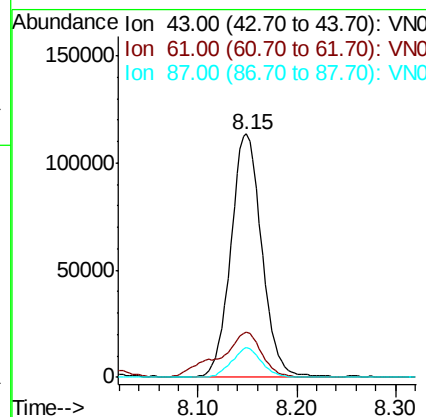
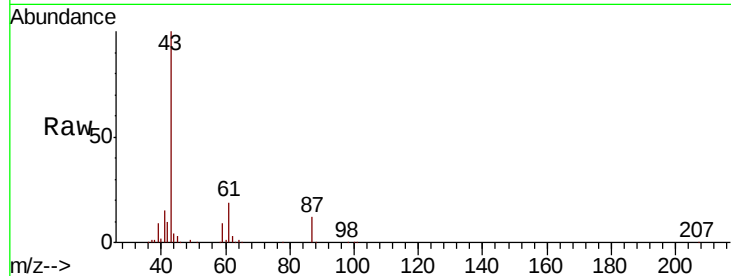
#43
Isopropyl Acetate
Concen: 20.451 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.8	20.2	30.2
87	11.7	9.5	14.3

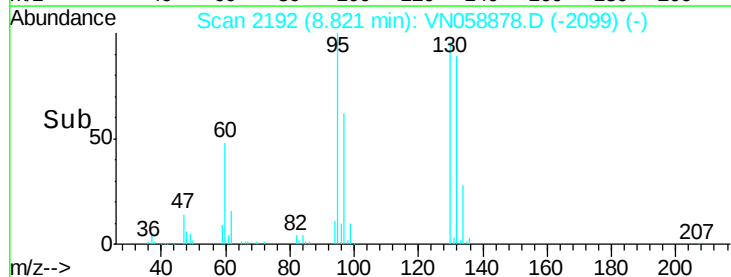
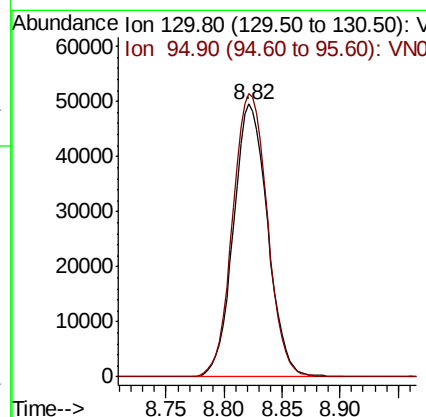
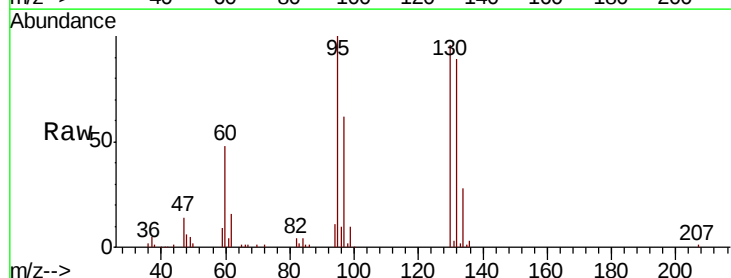
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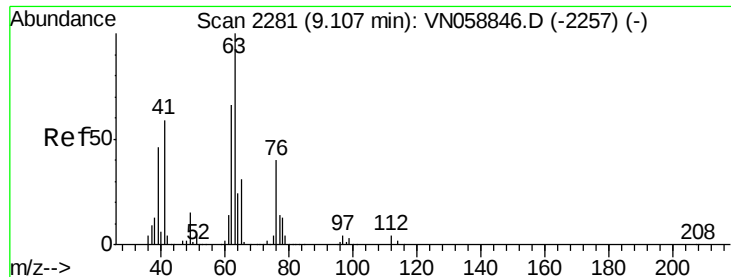
MMDadoda
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#44
Trichloroethene
Concen: 20.523 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	209.6





#45

1,2-Dichloropropane

Concen: 20.503 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. -0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion: 63 Resp: 113776

Ion Ratio Lower Upper

63 100

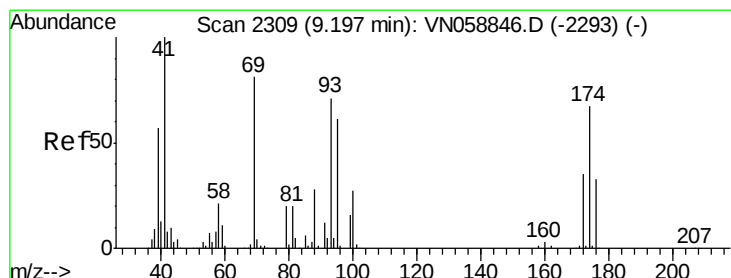
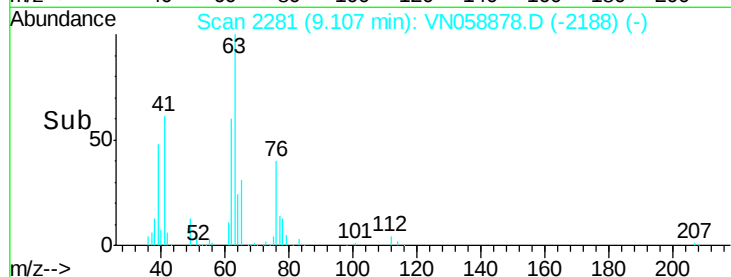
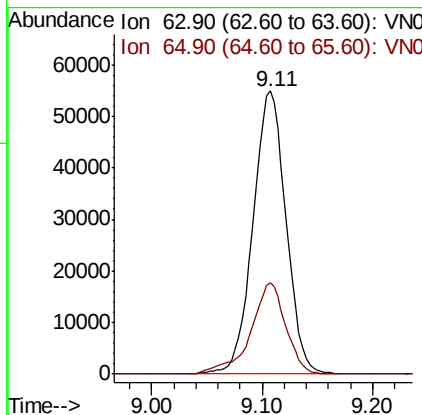
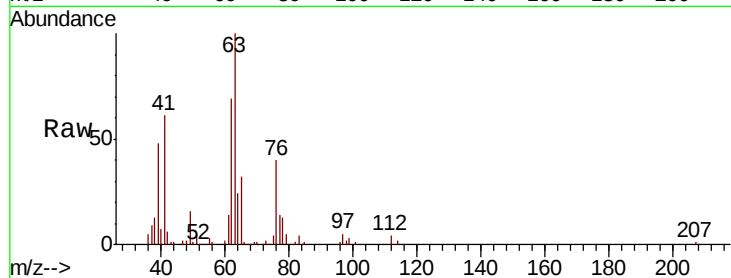
65 32.2 24.5 36.7

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#46

Dibromomethane

Concen: 20.677 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

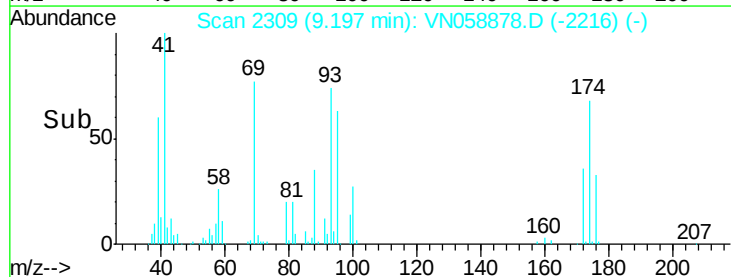
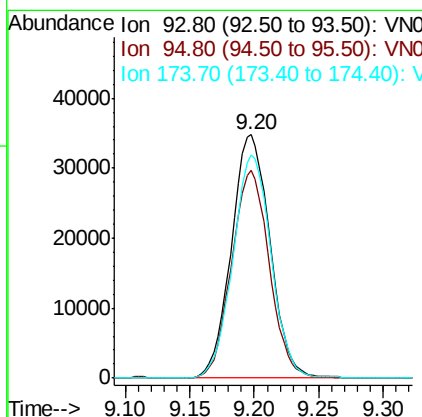
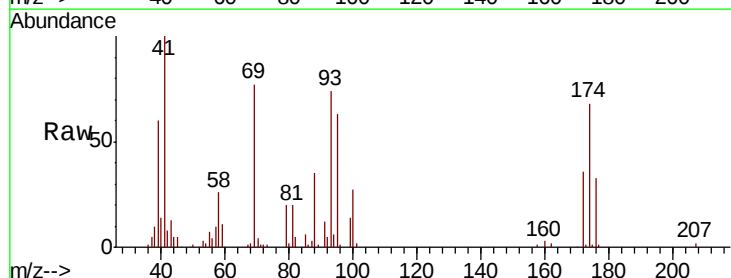
Tgt Ion: 93 Resp: 72540

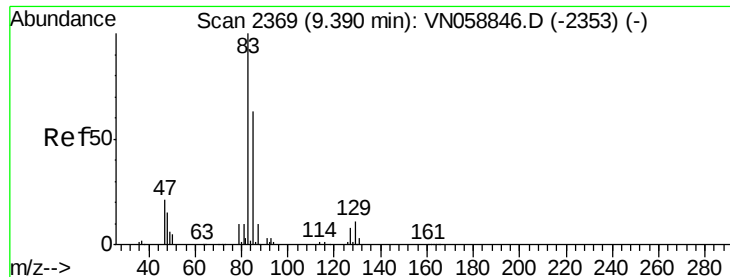
Ion Ratio Lower Upper

93 100

95 83.4 67.6 101.4

174 90.1 74.1 111.1





#47

Bromodichloromethane

Concen: 20.396 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Instrument :

MSVOA_N

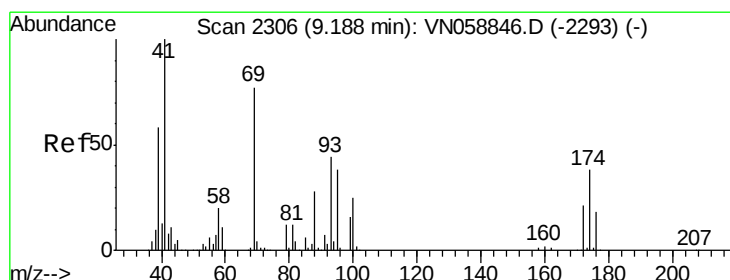
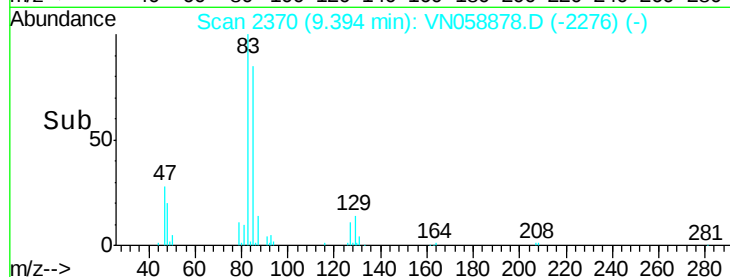
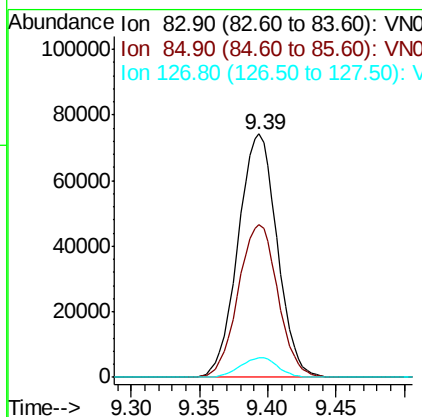
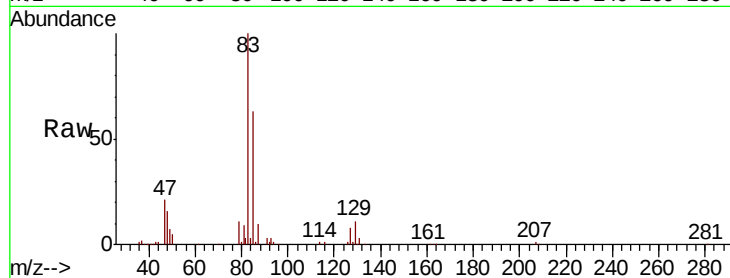
ClientSampleId :

VN1021WBS01

Tot Ion:	83	Resp:	147473
Ion Ratio	Lower	Upper	
83	100		
85	62.8	50.6	75.8
127	8.0	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.537 ug/l

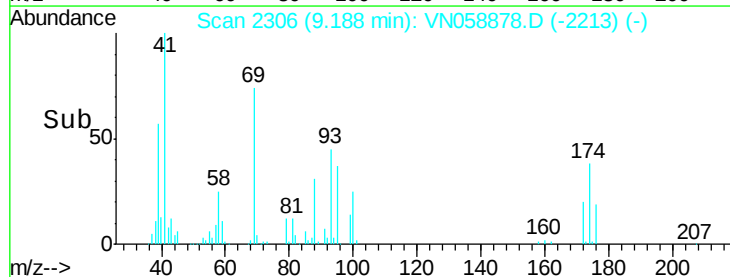
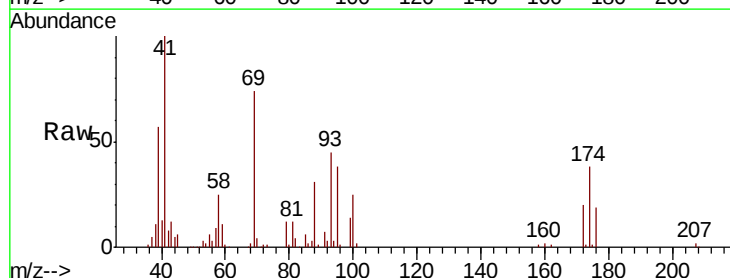
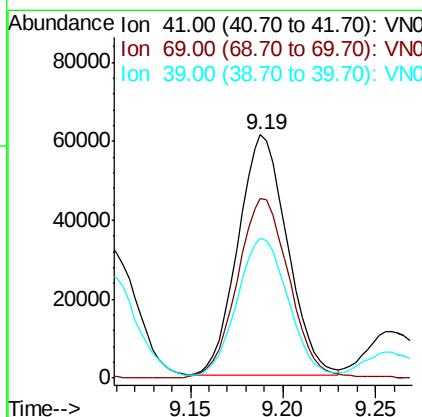
RT: 9.19 min Scan# 2306

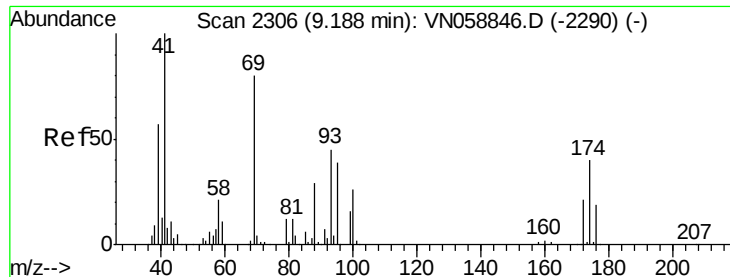
Delta R.T. -0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Tgt Ion:	41	Resp:	112213
Ion Ratio	Lower	Upper	
41	100		
69	79.2	63.8	95.6
39	60.5	47.8	71.8





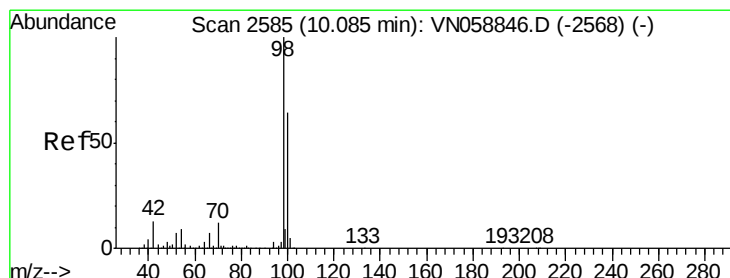
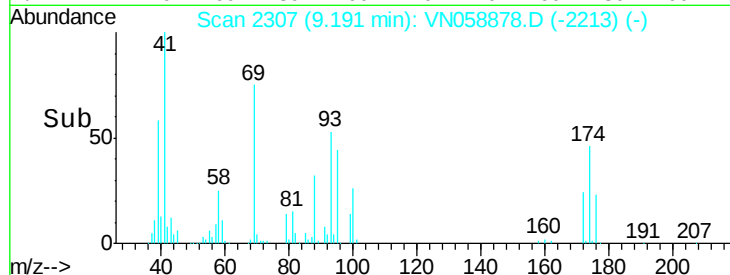
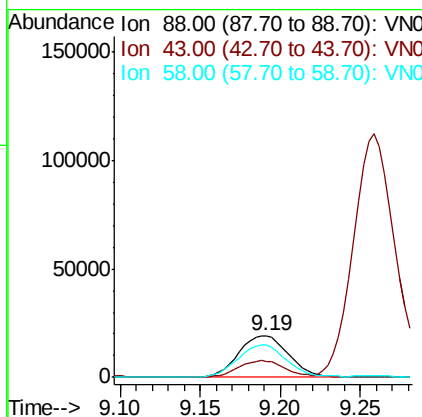
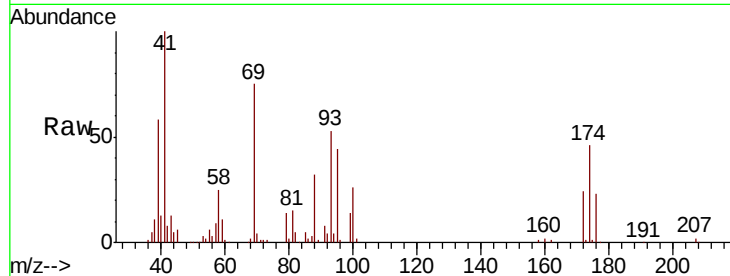
#49
1,4-Dioxane
Concen: 456.294 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.8	29.1	43.7
58	76.7	59.4	89.0

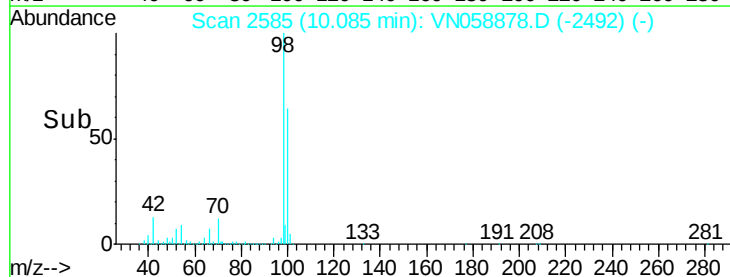
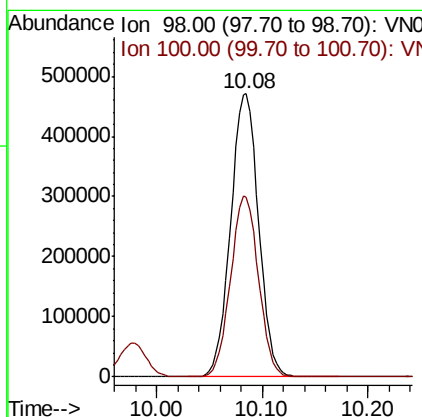
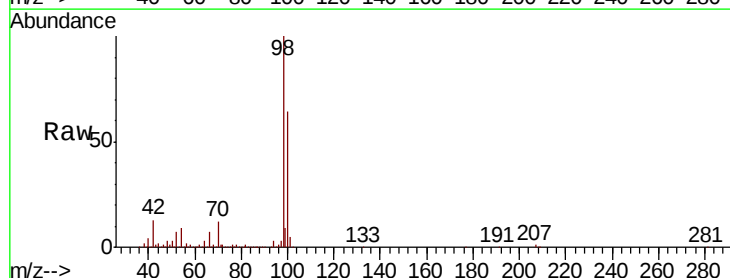
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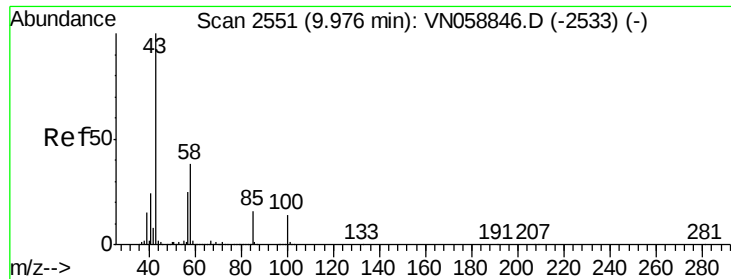
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#50
Toluene-d8
Concen: 50.308 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 111.474 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. -0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion: 43 Resp: 784152

Ion Ratio Lower Upper

43 100

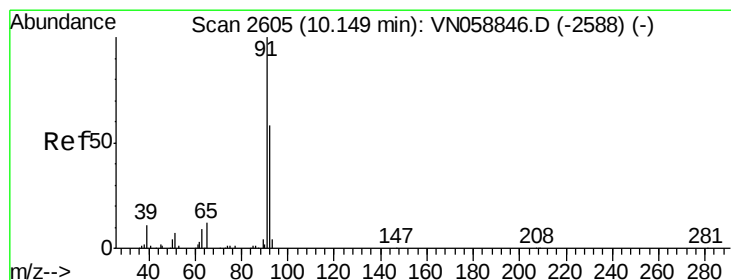
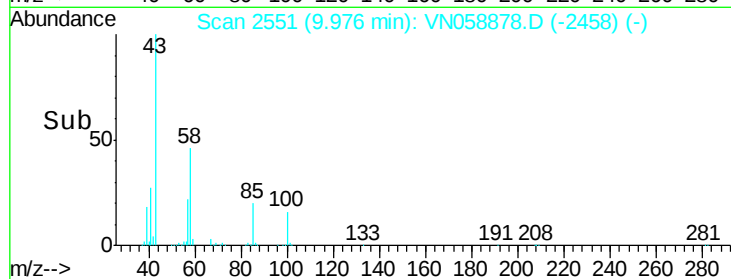
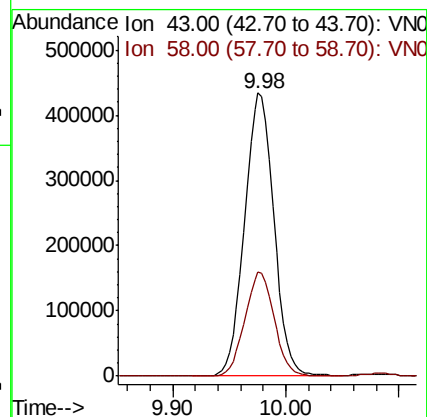
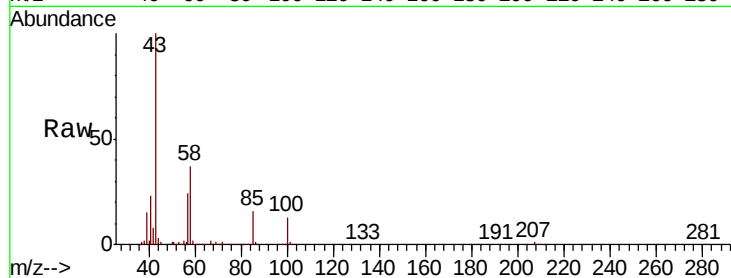
58 36.7 29.9 44.9

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#52

Toluene

Concen: 21.058 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058878.D

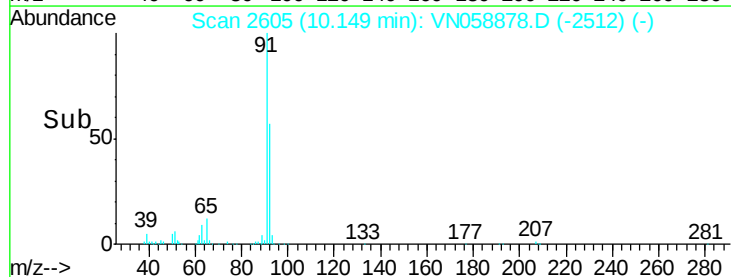
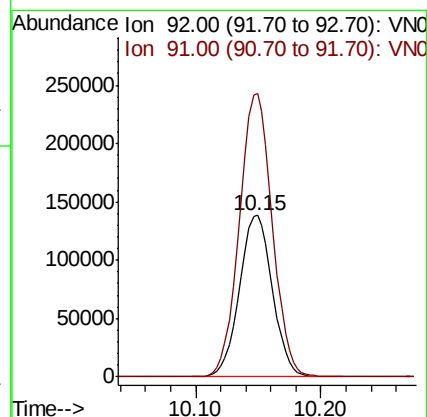
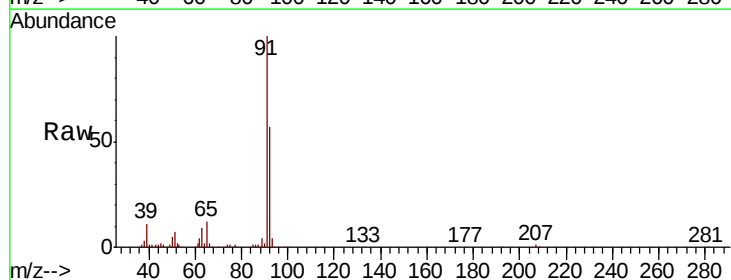
Acq: 21 Oct 2019 11:27

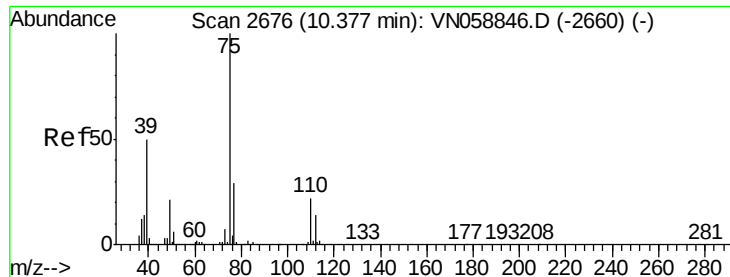
Tgt Ion: 92 Resp: 252716

Ion Ratio Lower Upper

92 100

91 175.1 138.9 208.3





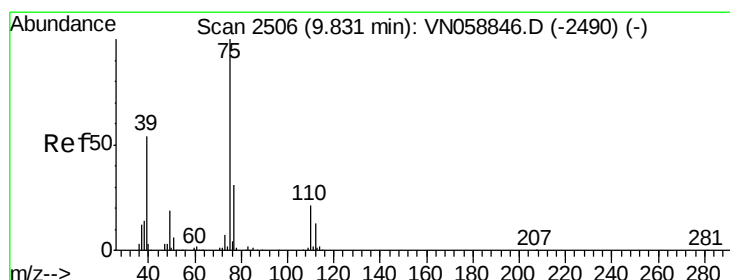
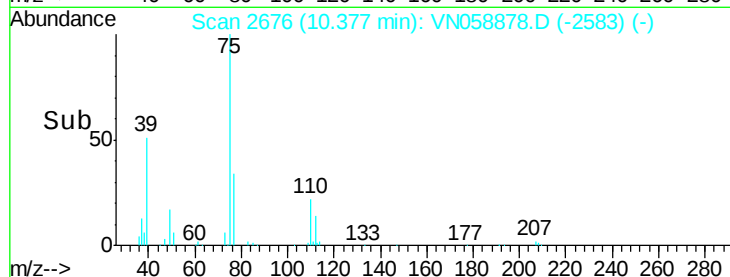
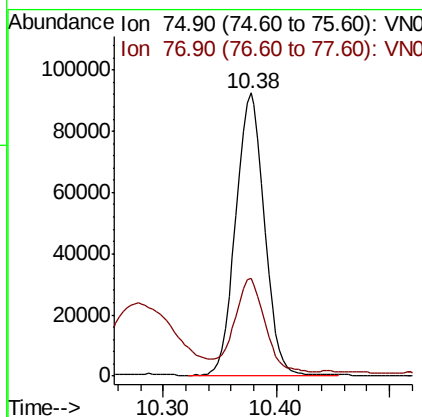
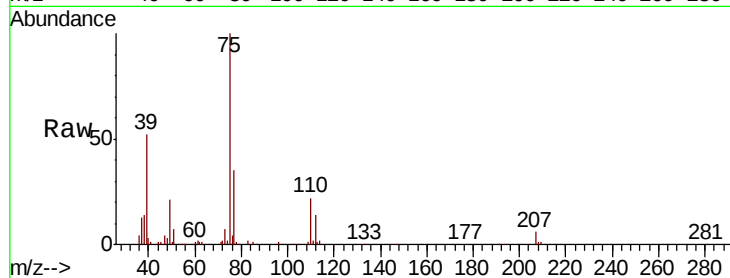
#53
t-1,3-Dichloropropene
Concen: 20.341 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	75	Resp	162814
Ion Ratio	Lower	Upper	
75	100		
77	33.4	25.7	38.5

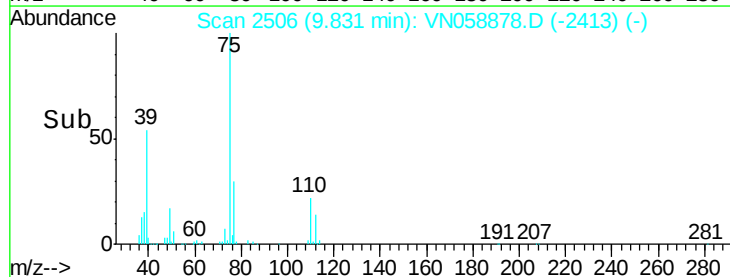
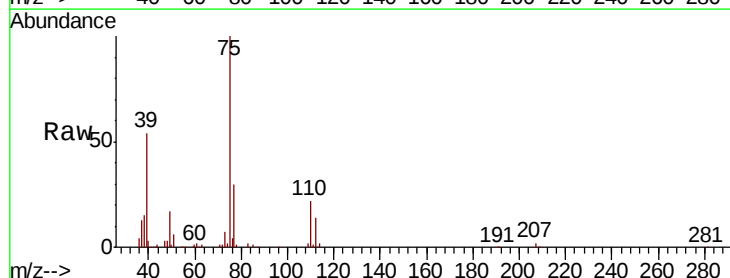
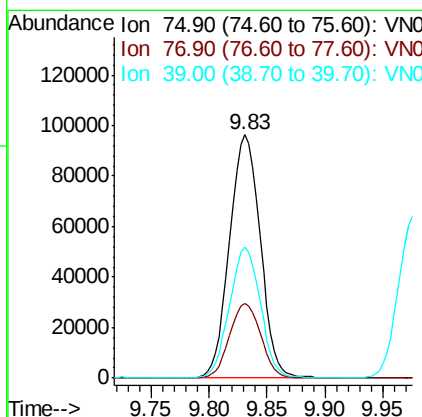
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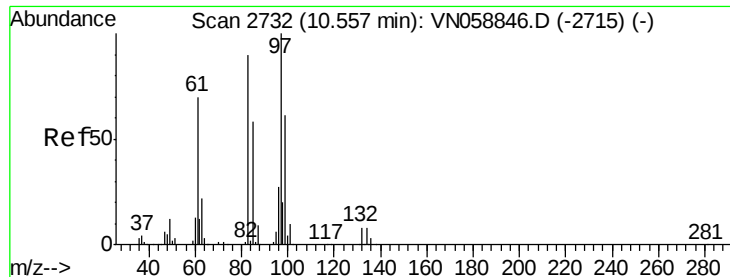
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#54
cis-1,3-Dichloropropene
Concen: 20.727 ug/l
RT: 9.83 min Scan# 2506
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	75	Resp	177248
Ion Ratio	Lower	Upper	
75	100		
77	30.5	24.7	37.1
39	53.5	43.5	65.3





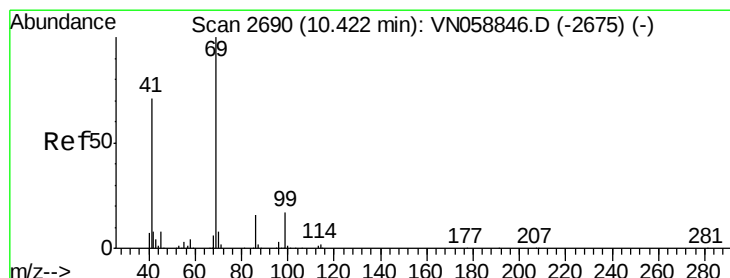
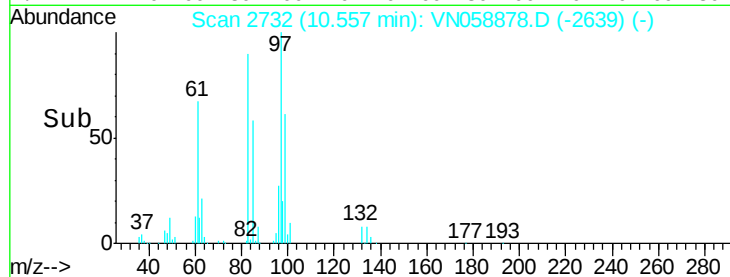
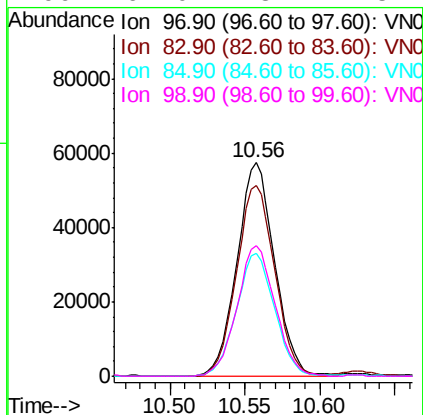
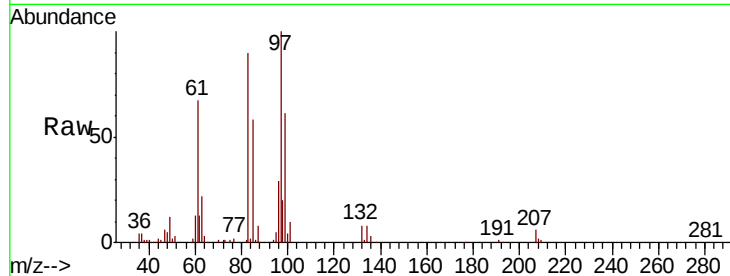
#55
 1,1,2-Trichloroethane
 Concen: 20.307 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. -0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	97	Resp	100397
Ion	Ratio	Lower	Upper
97	100		
83	89.5	72.2	108.4
85	57.7	46.2	69.2
99	61.0	48.7	73.1

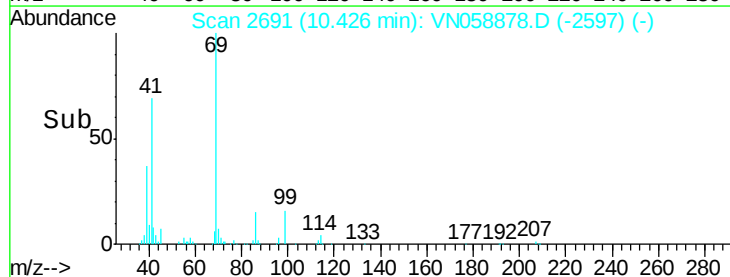
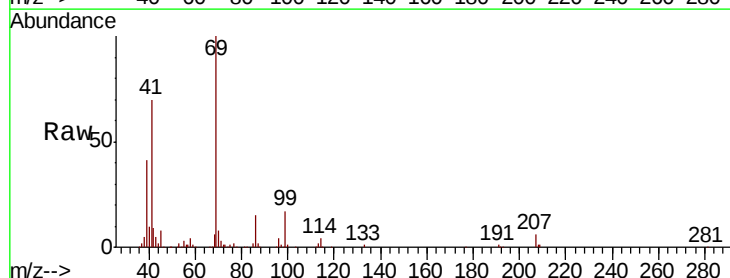
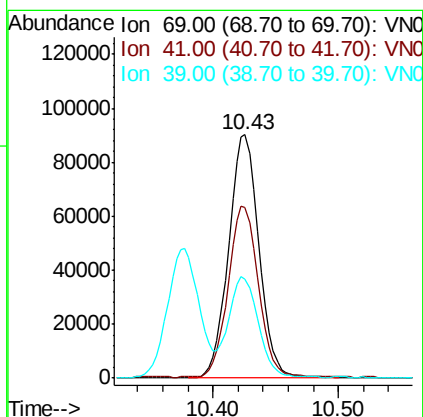
Manual Integrations
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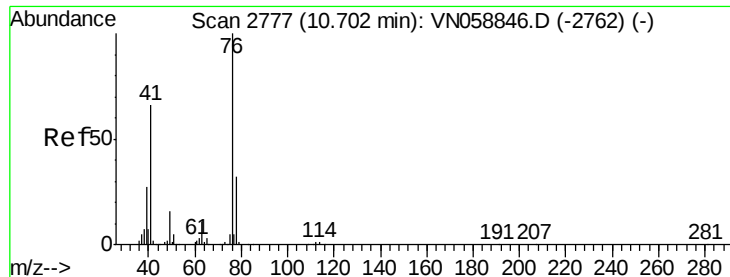
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#56
 Ethyl methacrylate
 Concen: 19.579 ug/l
 RT: 10.43 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Tgt Ion	69	Resp	151533
Ion	Ratio	Lower	Upper
69	100		
41	70.2	57.2	85.8
39	40.5	31.0	46.4





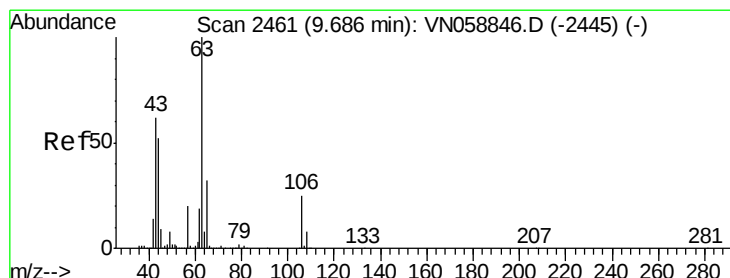
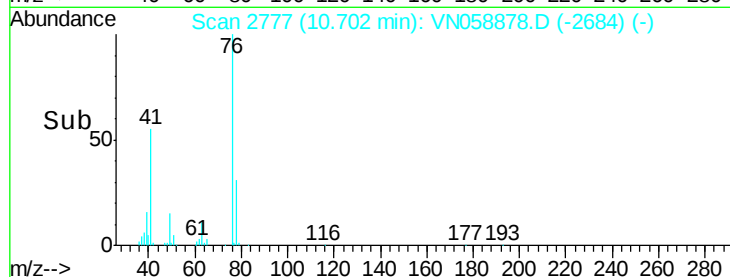
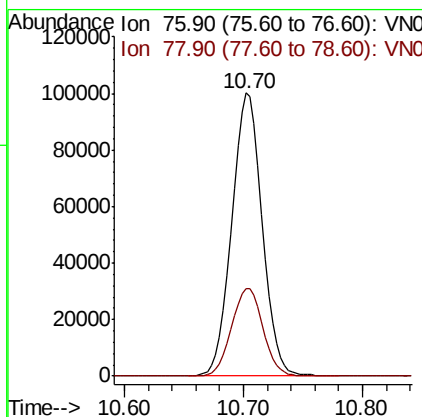
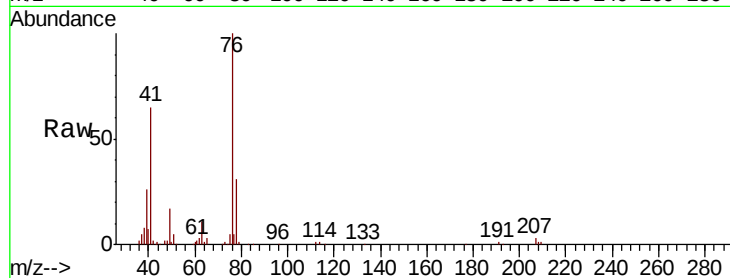
#57
 1,3-Dichloropropane
 Concen: 20.387 ug/l
 RT: 10.70 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.4	38.0

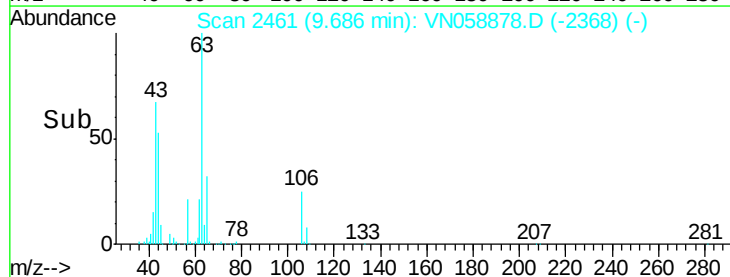
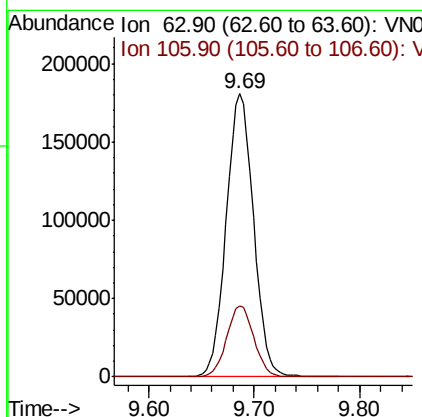
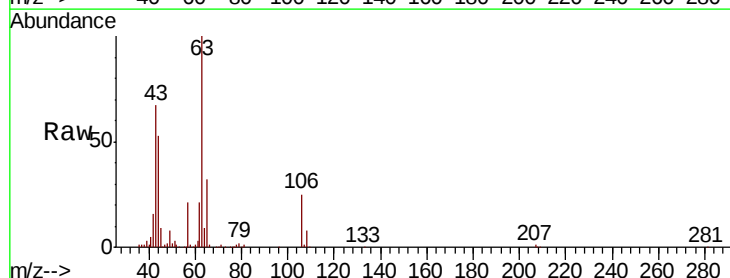
Manual Integrations
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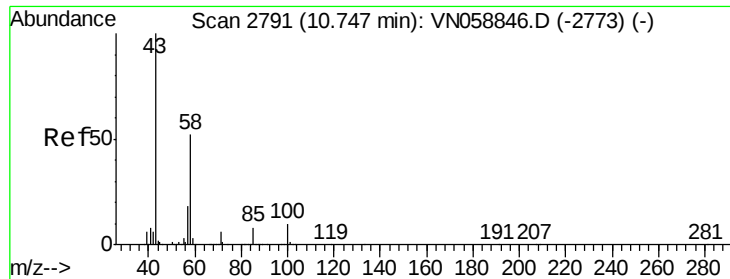
MMDadoda
 10/22/2019 4:55:15 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.868 ug/l
 RT: 9.69 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.0	19.8	29.8





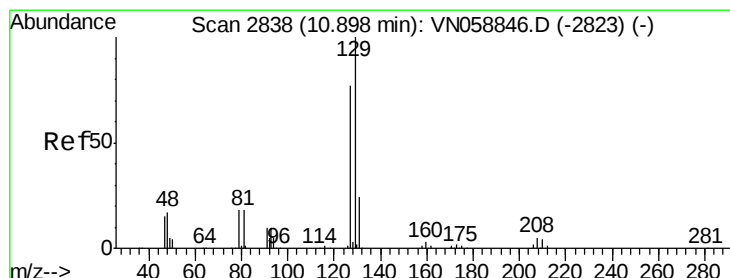
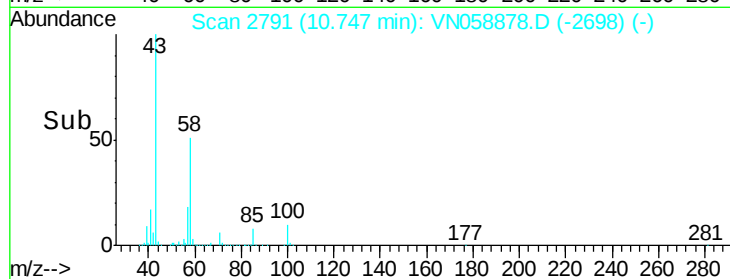
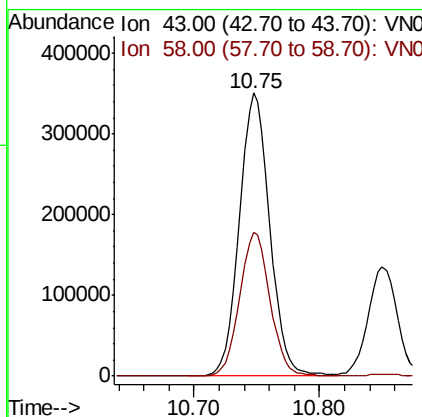
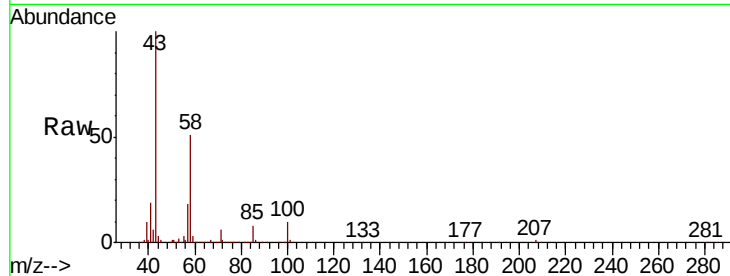
#59
2-Hexanone
Concen: 108.398 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion: 43 Resp: 589221
Ion Ratio Lower Upper
43 100
58 51.0 25.9 77.7

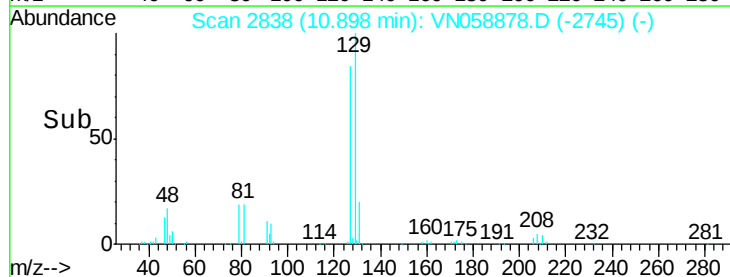
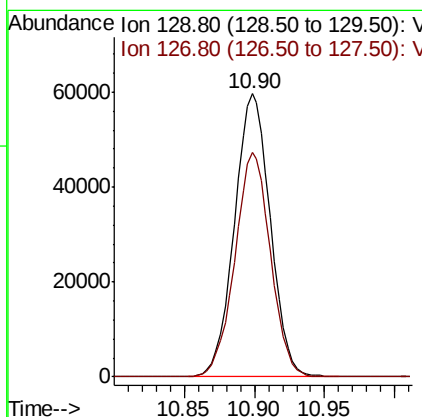
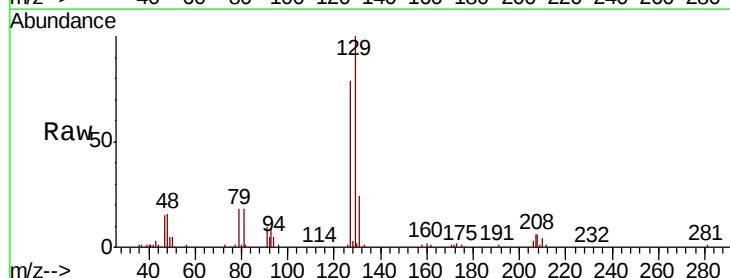
Manual Integrations
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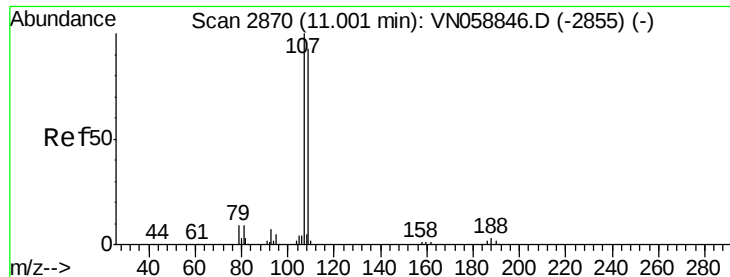
MMDadoda
10/22/2019 4:55:15 PM



#60
Dibromochloromethane
Concen: 19.916 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion: 129 Resp: 105980
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.3





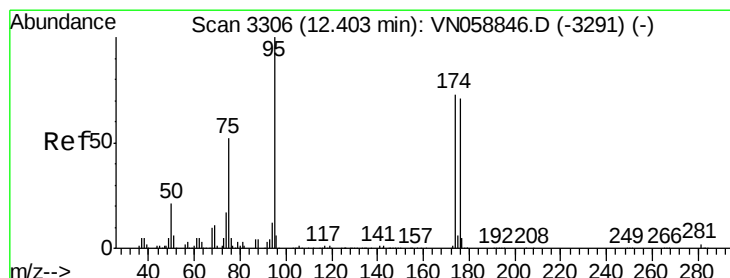
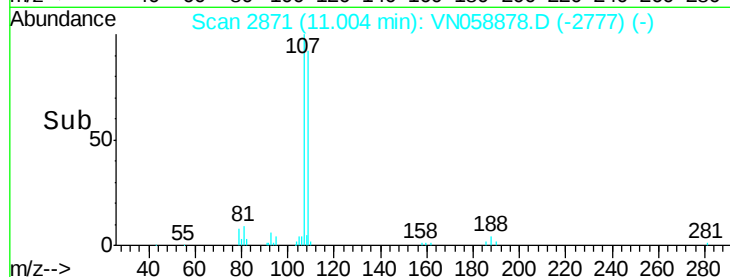
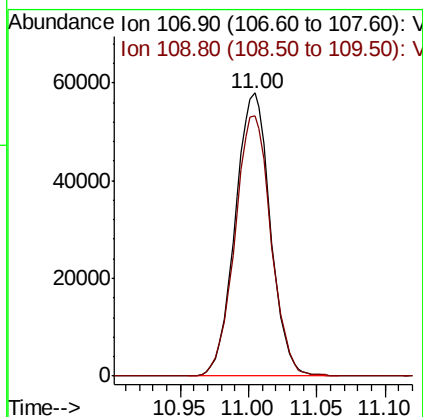
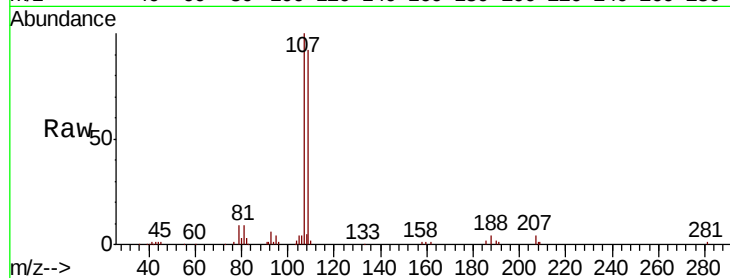
#61
 1,2-Dibromoethane
 Concen: 20.459 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.2	112.8

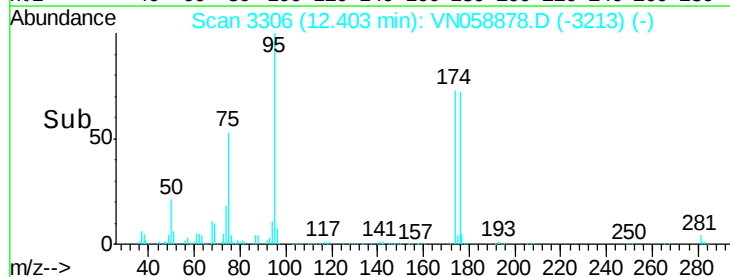
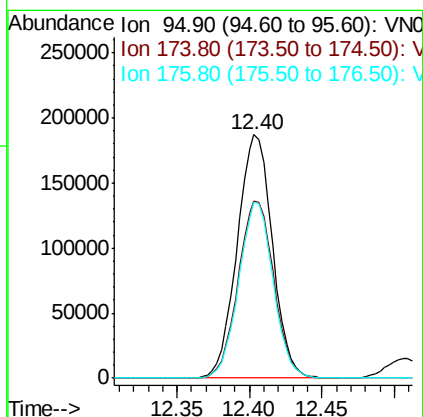
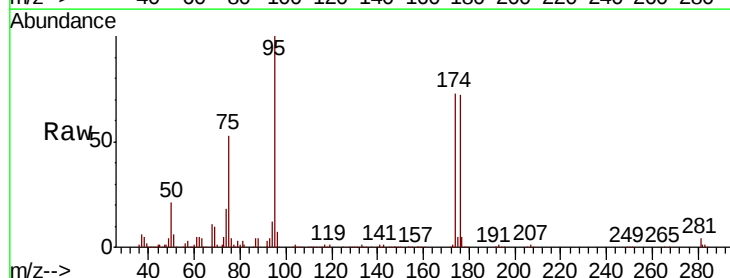
Manual Integrations
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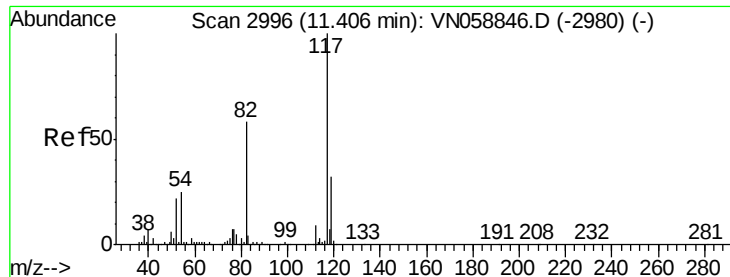
MMDadoda
 10/22/2019 4:55:15 PM



#62
 4-Bromofluorobenzene
 Concen: 49.933 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	147.6
176	71.1	0.0	143.2





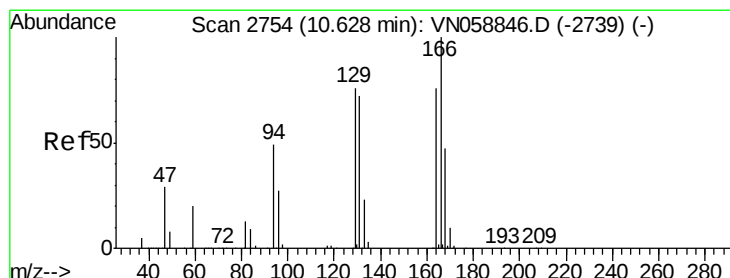
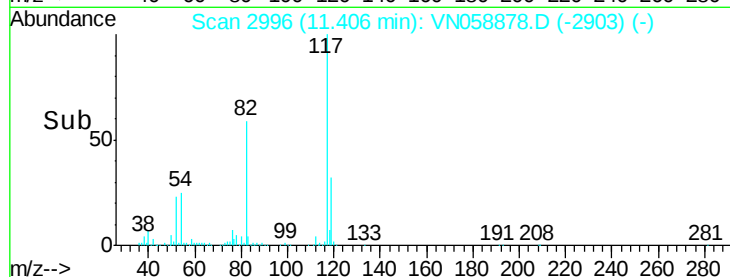
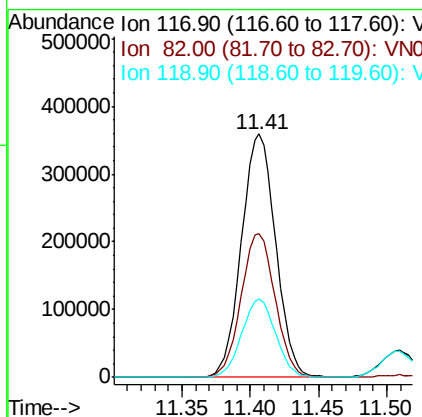
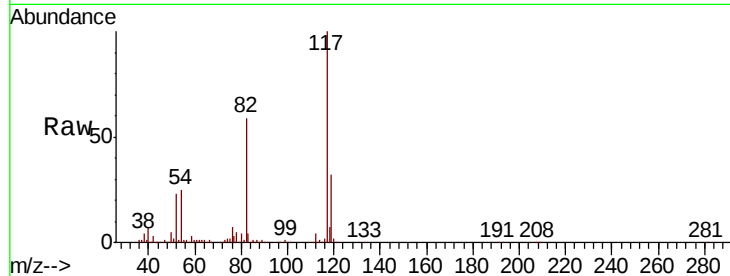
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.2	46.6	69.8
119	32.1	25.6	38.4

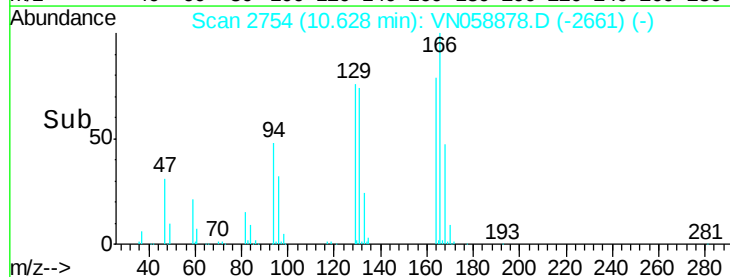
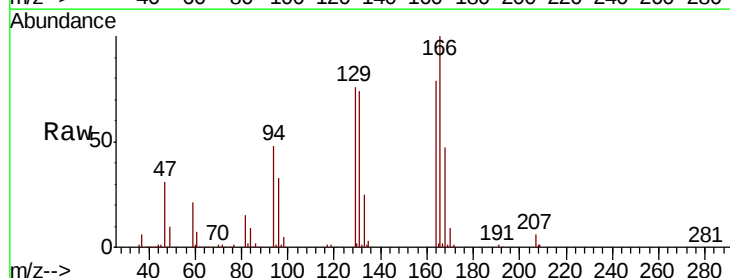
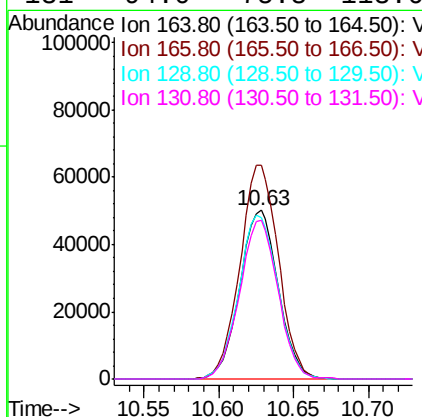
Manual Integrations
APPROVED

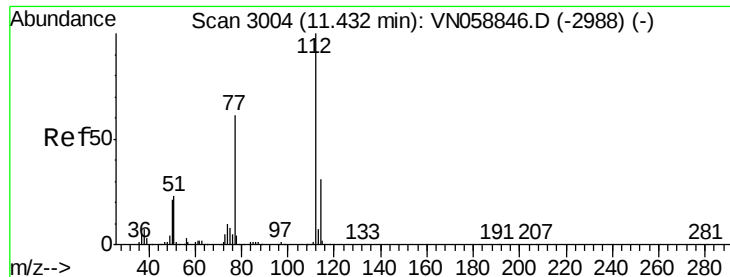
MMDadoda
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#64
Tetrachloroethene
Concen: 20.482 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	104.8	157.2
129	96.0	79.3	118.9
131	94.0	75.8	113.6





#65

Chlorobenzene

Concen: 20.407 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion:112 Resp: 260289

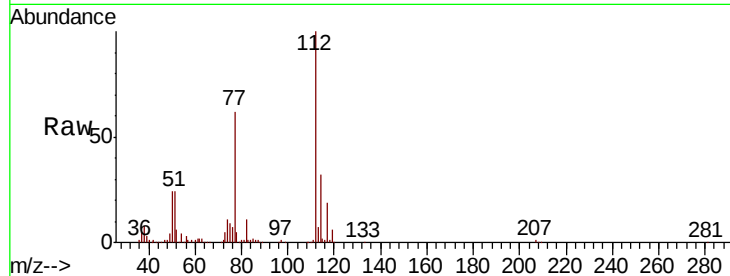
Ion Ratio Lower Upper

112 100

114 32.1 25.1 37.7

Manual Integrations
APPROVED

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

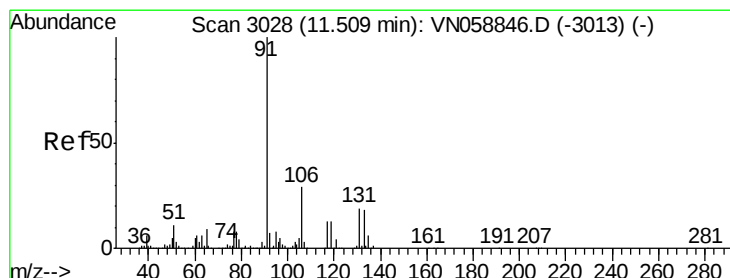
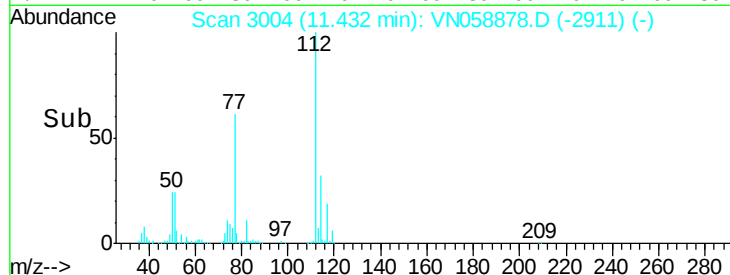
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.623 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

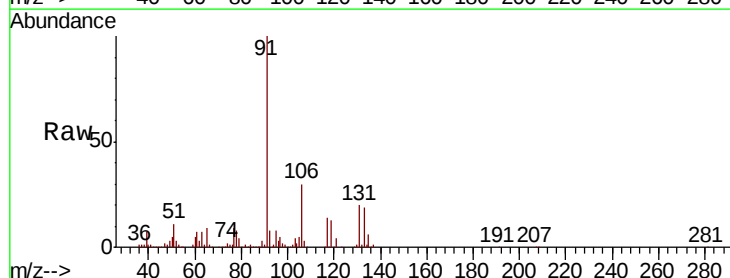
Tgt Ion:131 Resp: 99258

Ion Ratio Lower Upper

131 100

133 96.0 48.4 145.2

119 66.9 33.6 100.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.51

80000

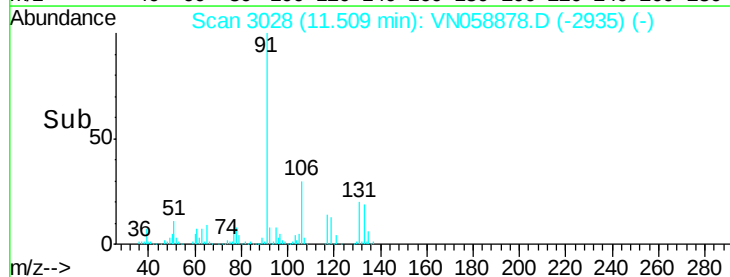
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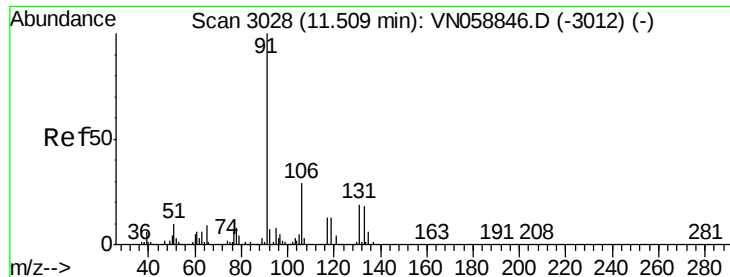
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 21.156 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion: 91 Resp: 473361

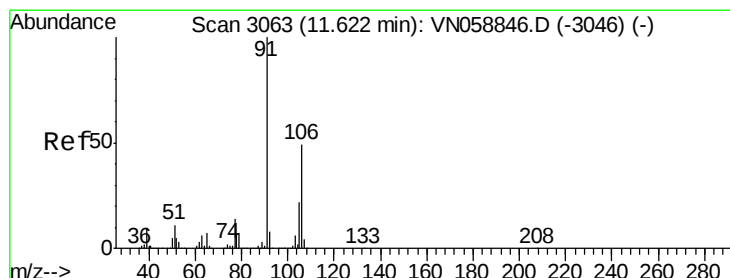
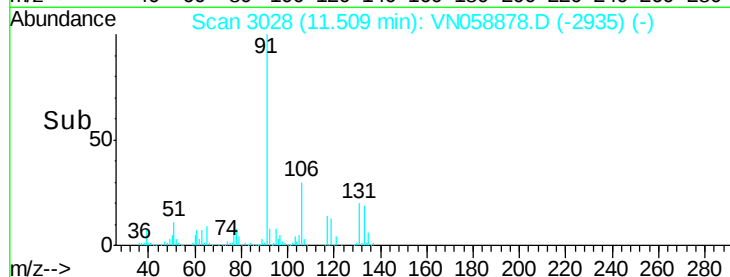
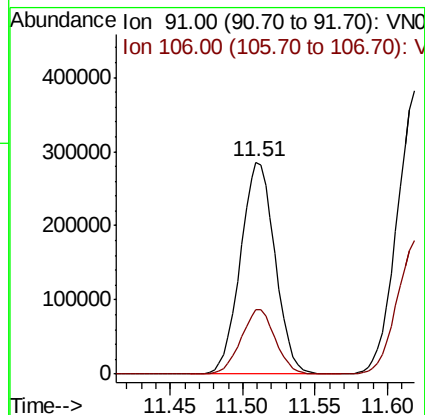
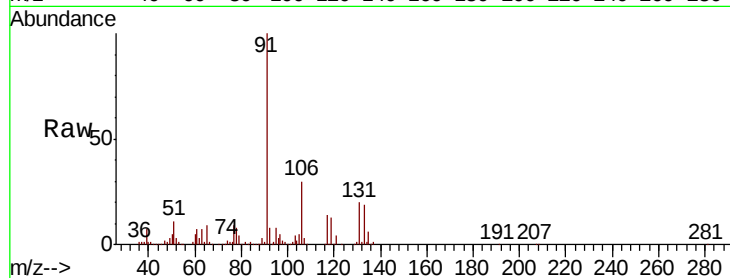
Ion Ratio Lower Upper

91 100

106 30.3 23.4 35.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 42.628 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN058878.D

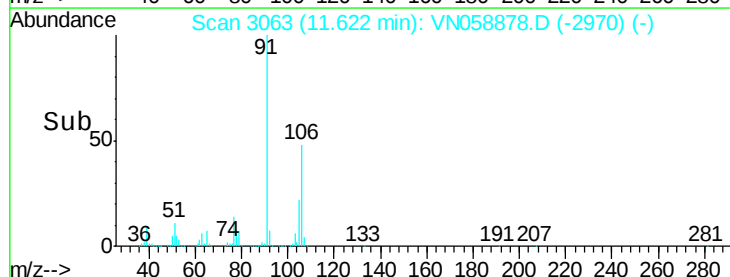
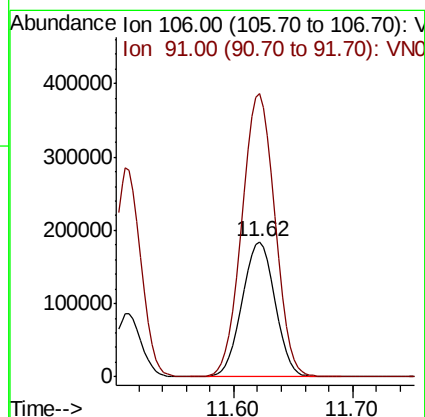
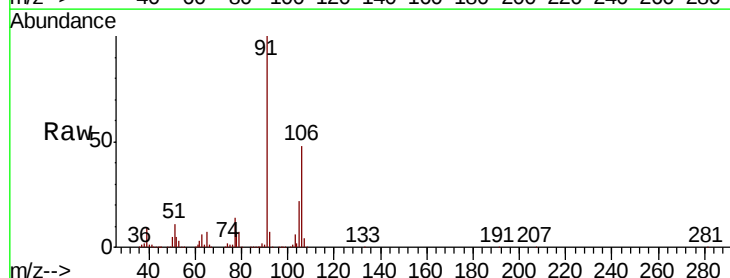
Acq: 21 Oct 2019 11:27

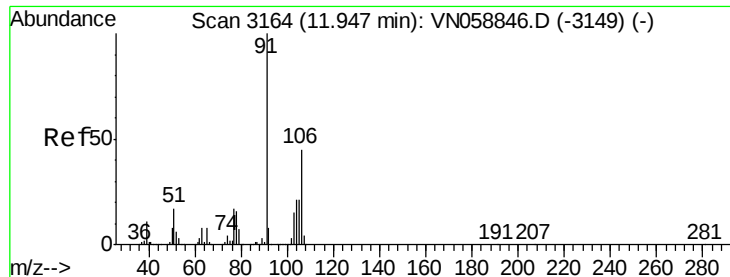
Tgt Ion: 106 Resp: 353707

Ion Ratio Lower Upper

106 100

91 210.1 166.6 249.8





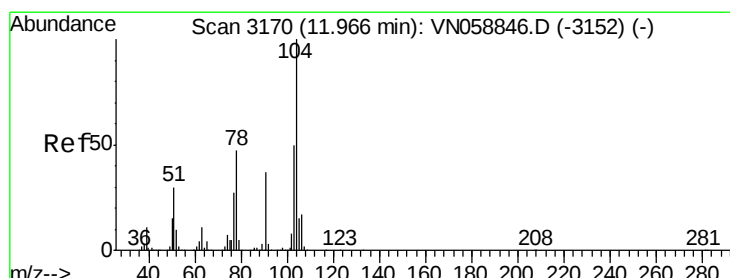
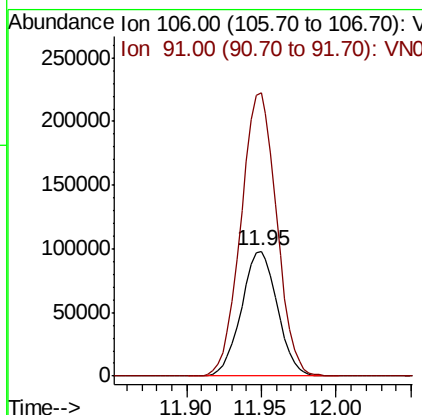
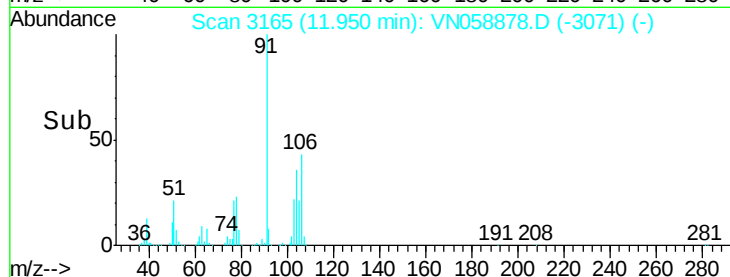
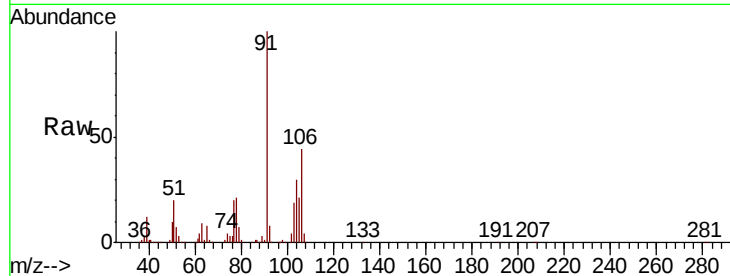
#69
o-Xylene
Concen: 20.816 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion:106 Resp: 164728
Ion Ratio Lower Upper
106 100
91 224.6 111.5 334.4

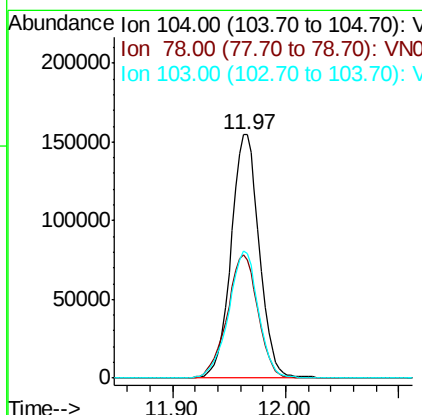
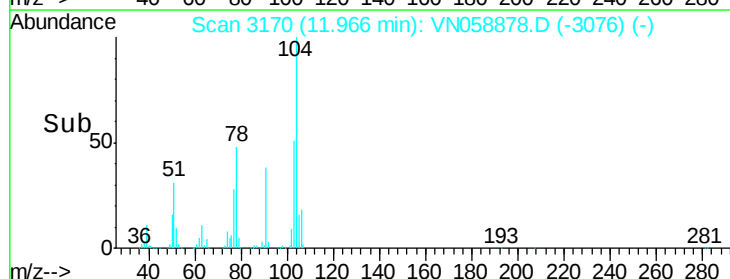
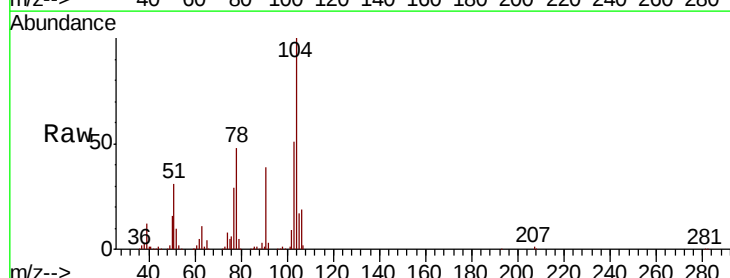
Manual Integrations
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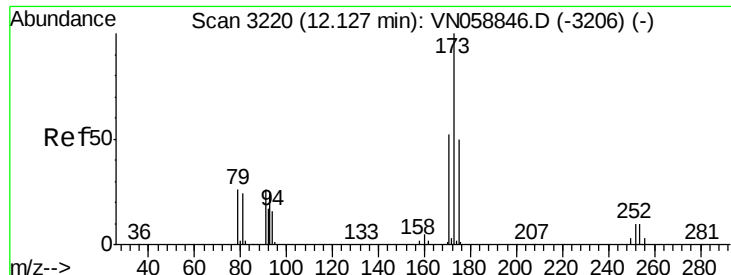
MMDadoda
10/22/2019 4:55:15 PM



#70
Styrene
Concen: 19.455 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion:104 Resp: 268348
Ion Ratio Lower Upper
104 100
78 55.1 42.8 64.2
103 55.4 44.3 66.5





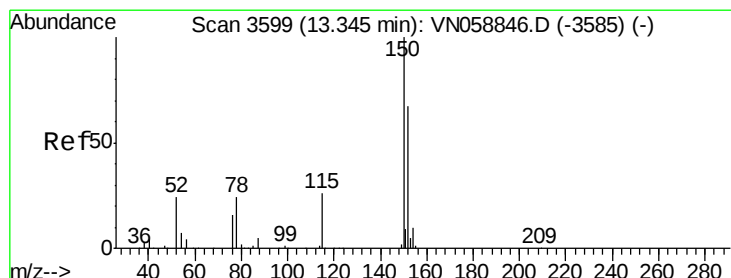
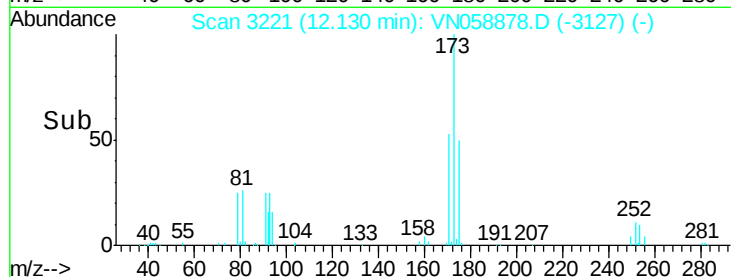
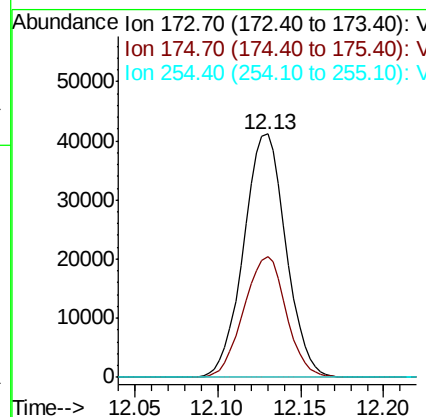
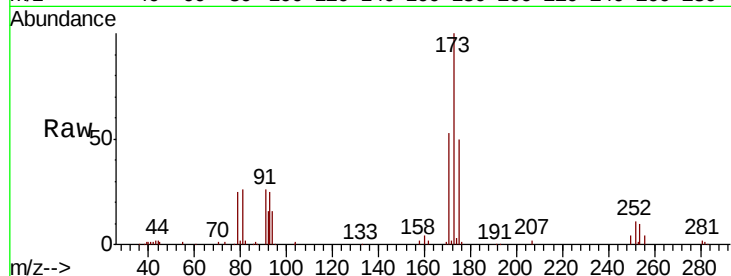
#71
Bromoform
Concen: 19.528 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.7	74.1
254	0.0	0.0	0.0

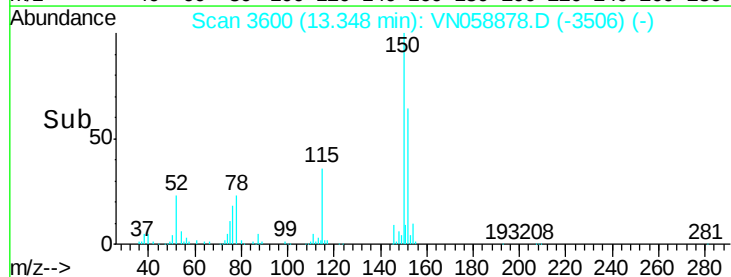
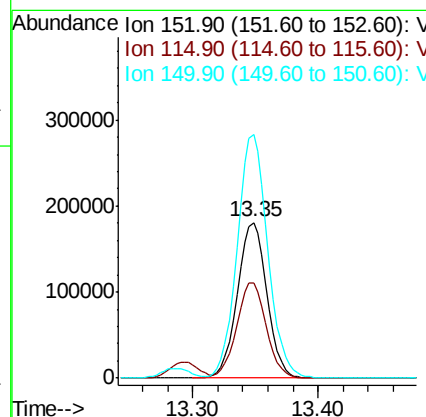
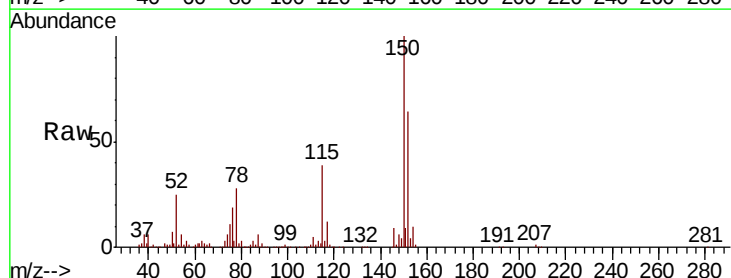
Manual Integrations
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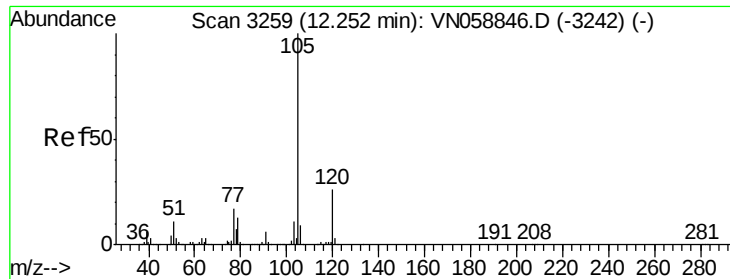
MMDadoda
10/22/2019 4:55:15 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.5	91.5
150	161.8	0.0	344.4





#73

Isopropylbenzene

Concen: 21.348 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

Tot Ion: 105 Resp: 459014

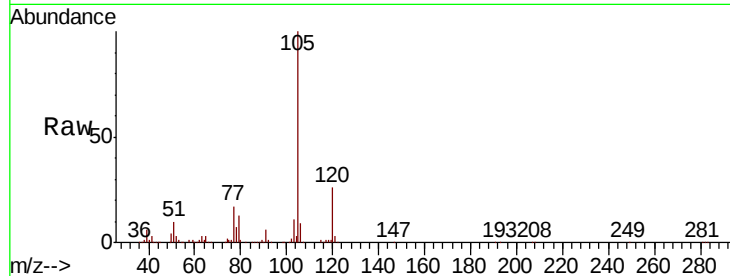
Ion Ratio Lower Upper

105 100

120 26.3 12.8 38.4

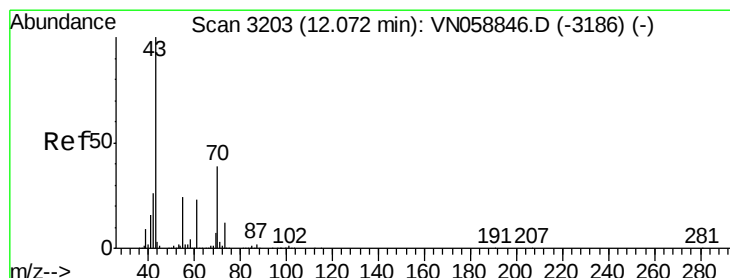
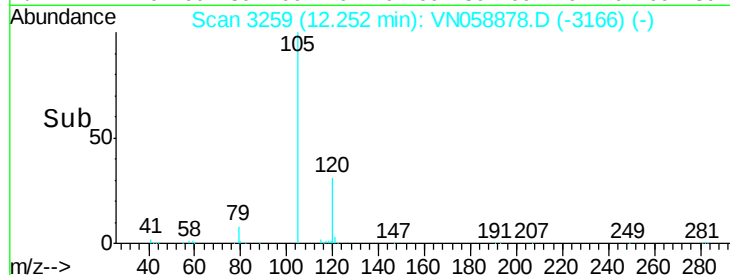
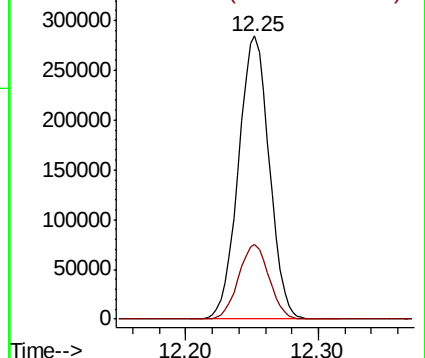
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.316 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Tgt Ion: 43 Resp: 207779

Ion Ratio Lower Upper

43 100

70 39.7 30.9 46.3

55 25.0 19.7 29.5

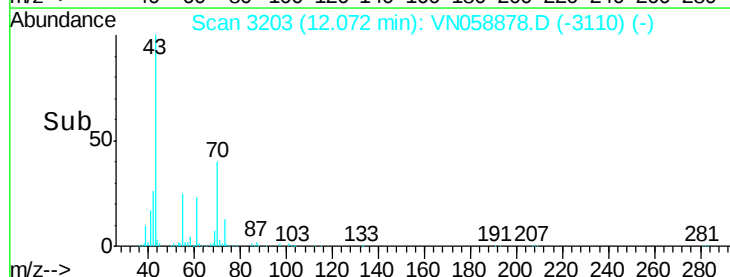
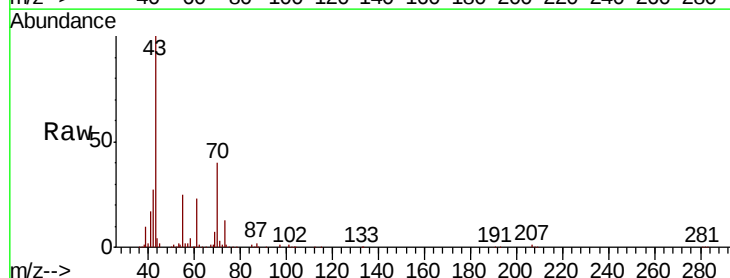
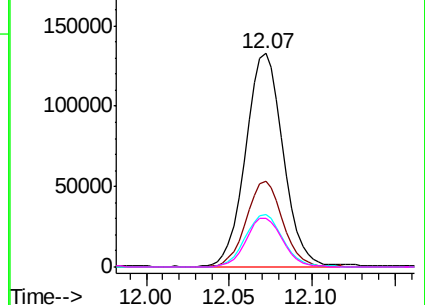
61 22.8 18.2 27.4

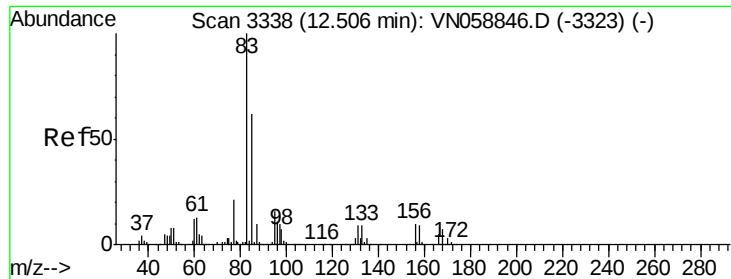
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.737 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Instrument :

MSVOA_N

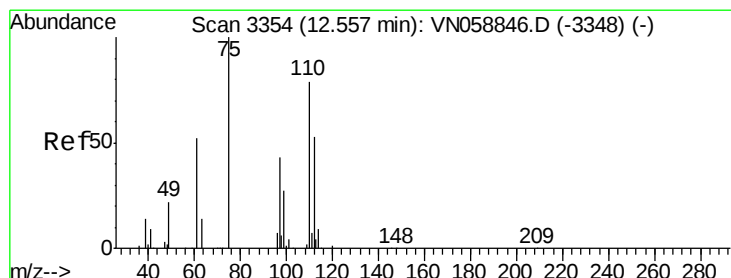
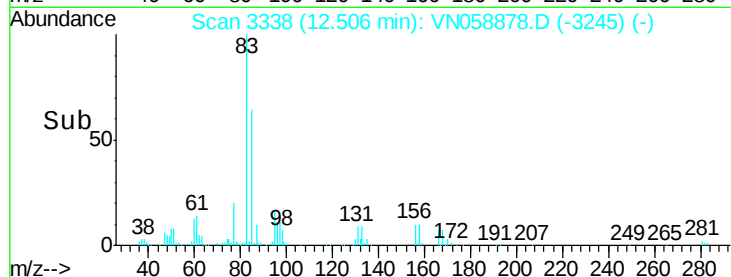
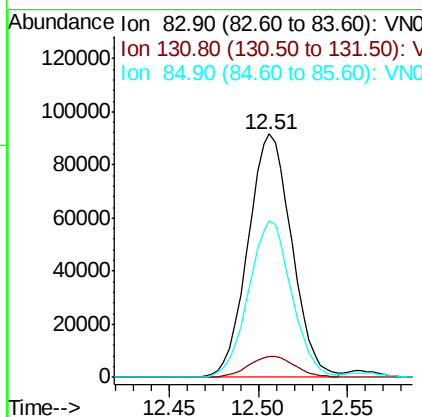
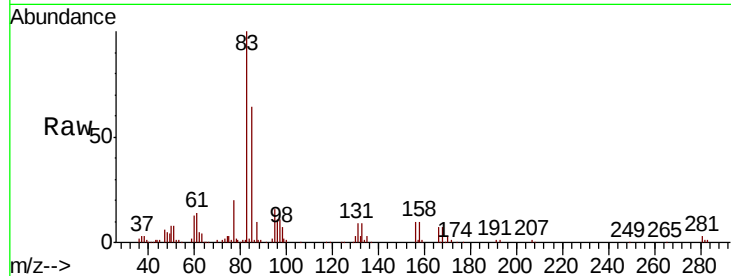
ClientSampleId :

VN1021WBS01

Tot Ion:	83	Resp:	156774
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.7	14.1
85	63.3	31.7	95.1

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#76

1,2,3-Trichloropropane

Concen: 22.067 ug/l m

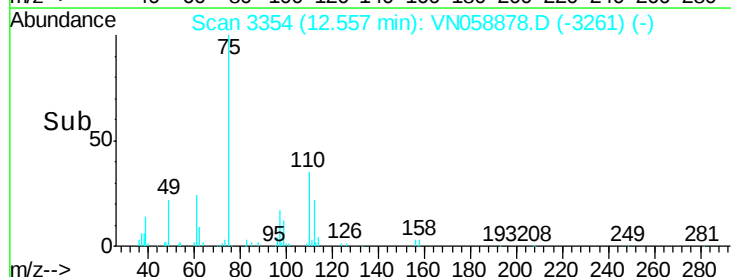
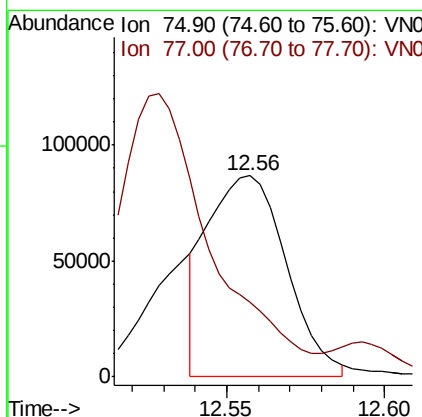
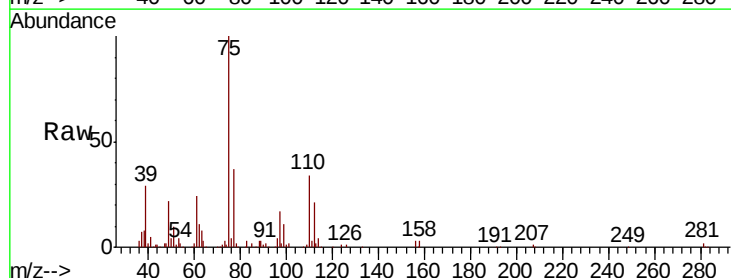
RT: 12.56 min Scan# 3354

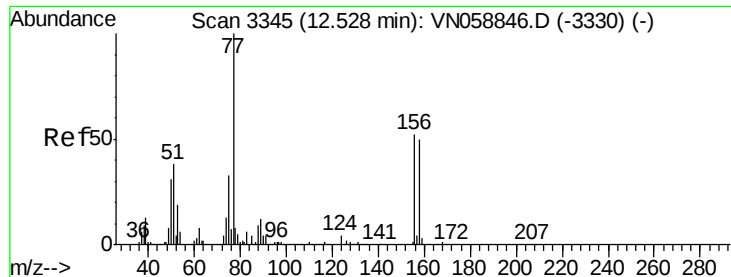
Delta R.T. 0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Tgt Ion:	75	Resp:	150464
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





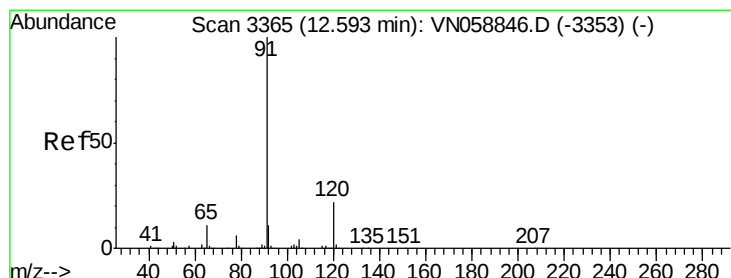
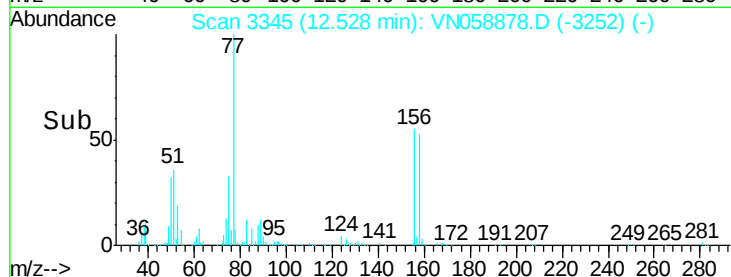
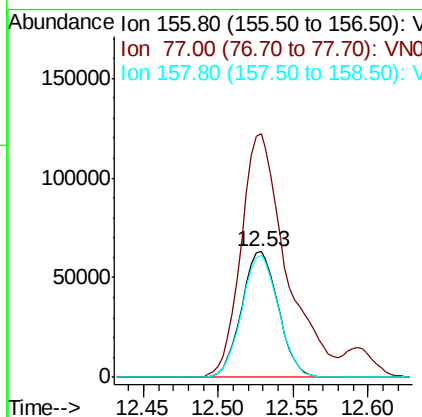
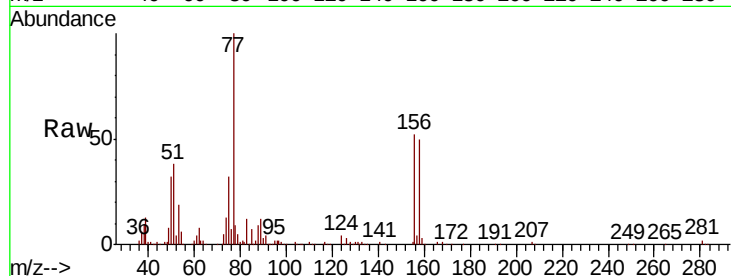
#77
Bromobenzene
Concen: 20.389 ug/l
RT: 12.53 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	237.5	118.0	354.0
158	97.3	48.3	144.8

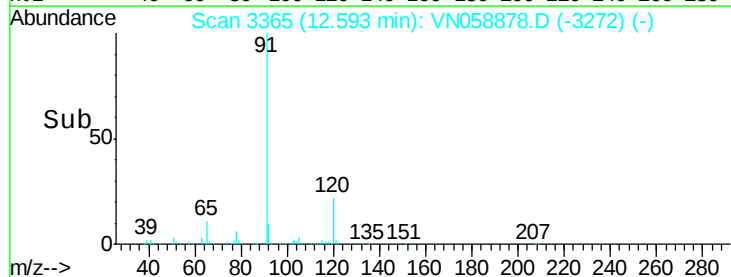
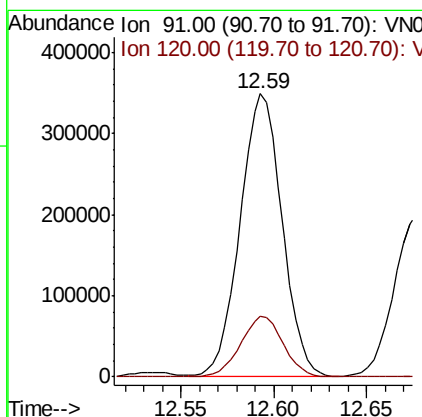
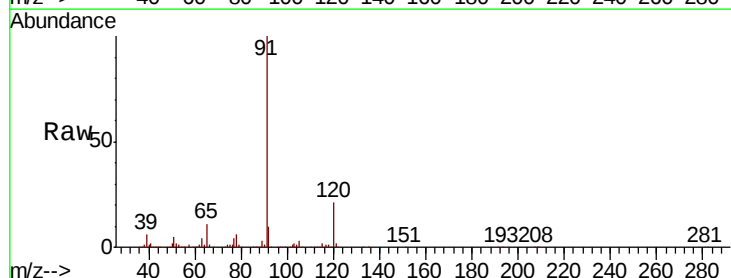
Manual Integrations
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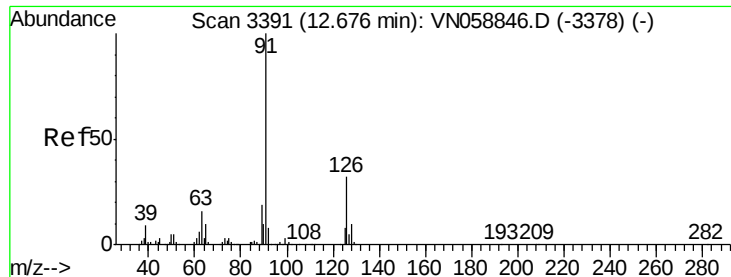
MMDadoda
10/22/2019 4:55:15 PM



#78
n-propylbenzene
Concen: 21.479 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.1	33.1





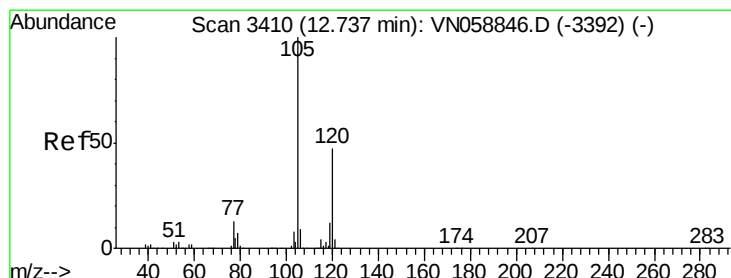
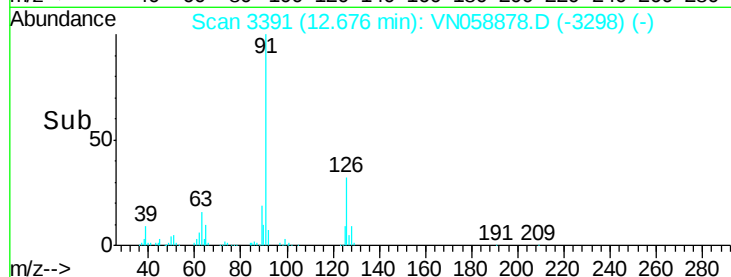
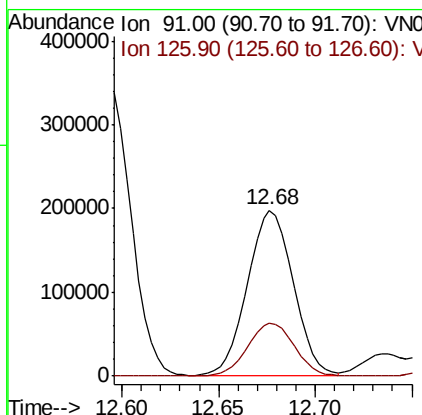
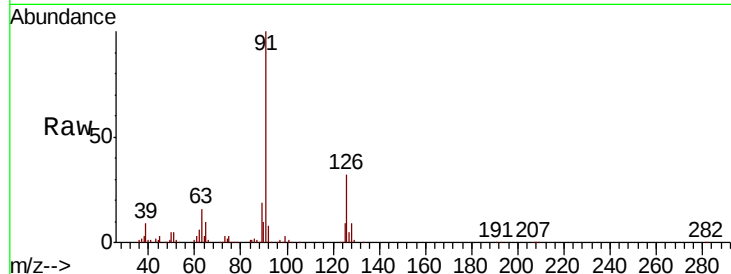
#79
2-Chlorotoluene
Concen: 20.917 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.2	48.6

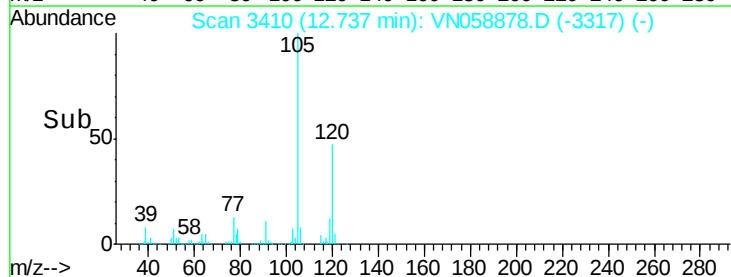
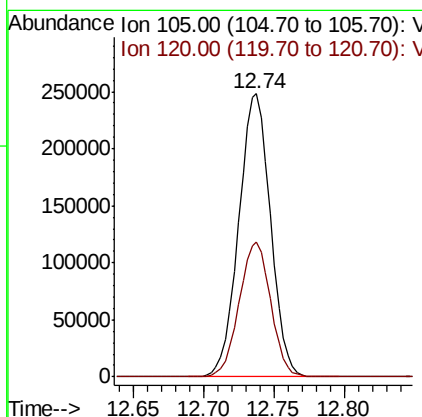
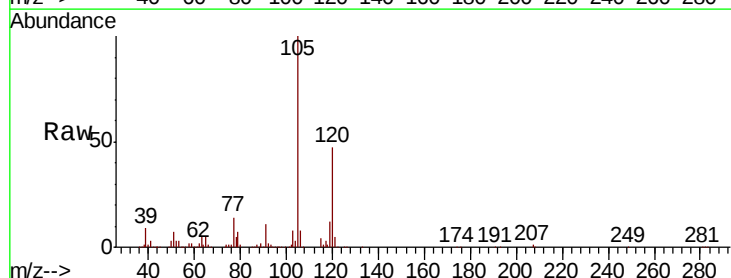
Manual Integrations
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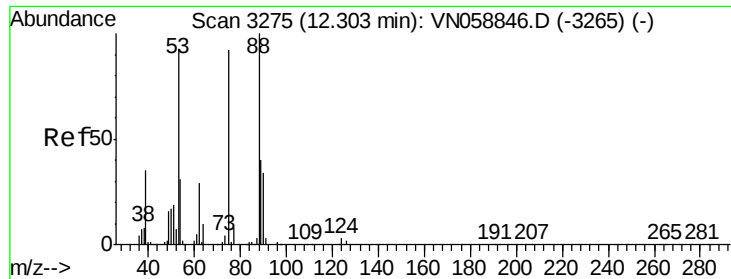
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 21.604 ug/l
RT: 12.74 min Scan# 3410
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.5	23.8	71.5





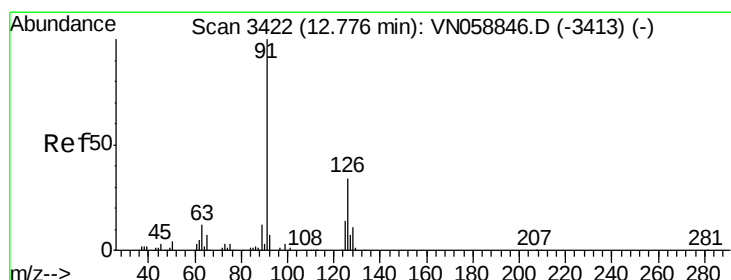
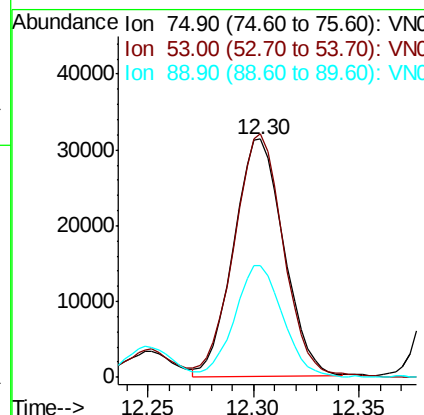
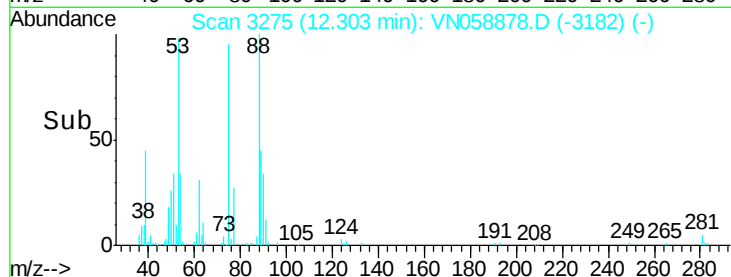
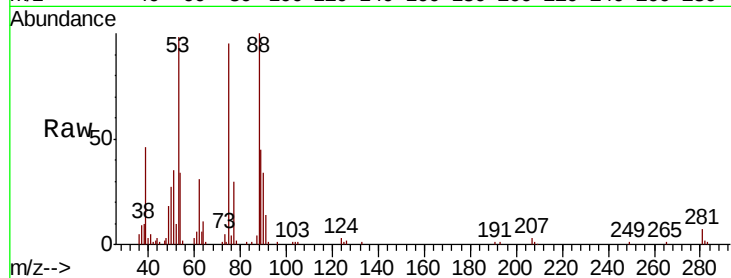
#81
trans-1,4-Dichloro-2-butene
Concen: 19.806 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.2	78.6	118.0
89	45.4	35.4	53.0

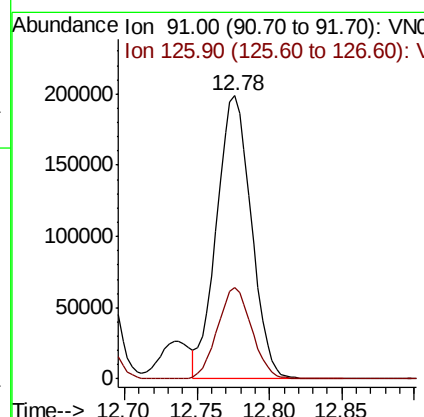
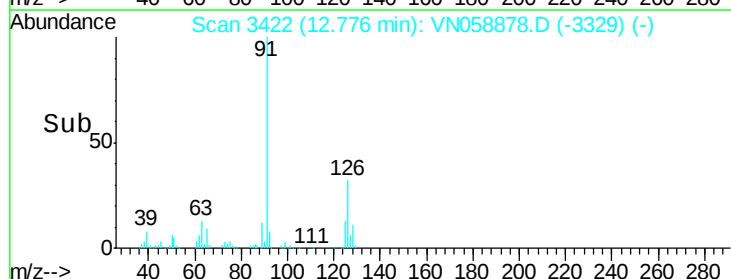
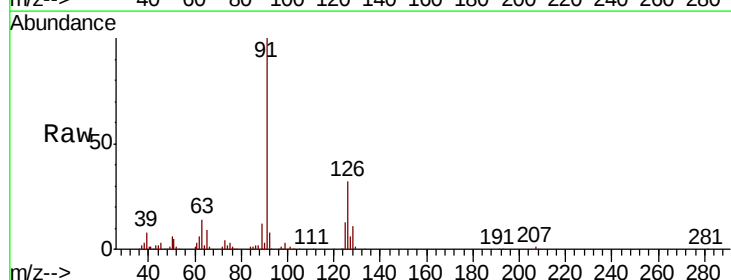
Manual Integrations
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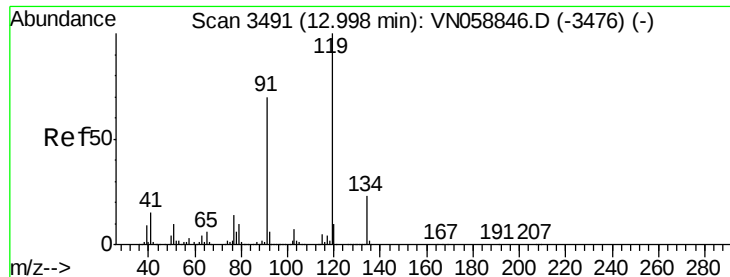
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.697 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.0	47.9





#83

tert-Butylbenzene

Concen: 20.932 ug/l

RT: 13.00 min Scan# 3491

Delta R.T. -0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Instrument :

MSVOA_N

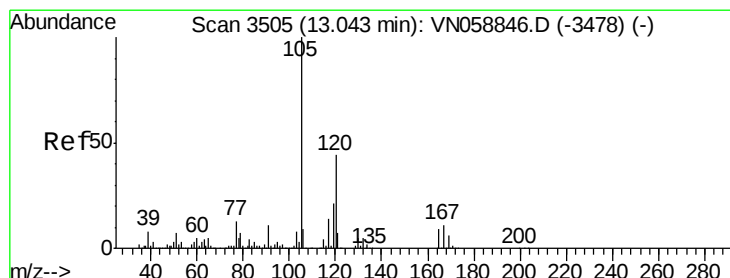
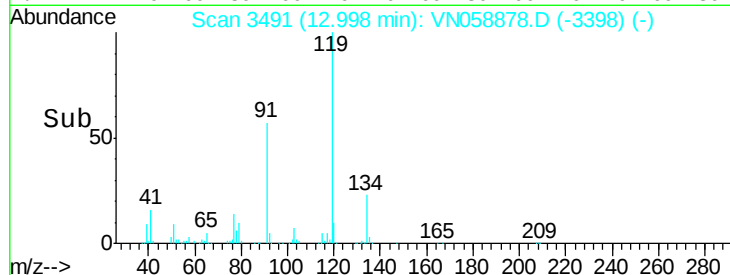
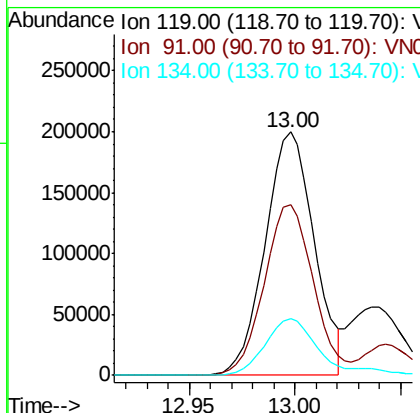
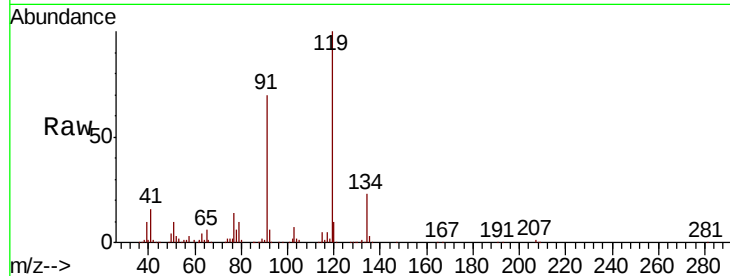
ClientSampleId :

VN1021WBS01

Tot Ion:	119	Resp:	323348
Ion Ratio	Lower	Upper	
119	100		
91	70.2	34.1	102.3
134	25.9	11.6	34.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 22.066 ug/l

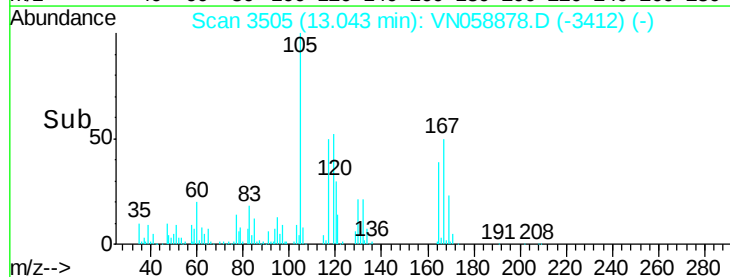
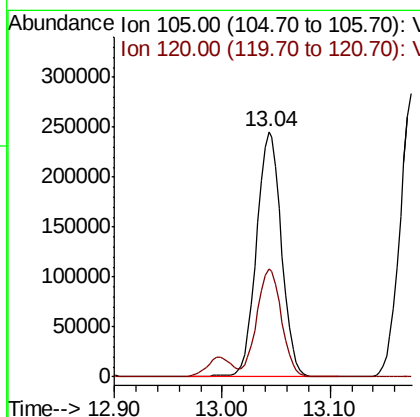
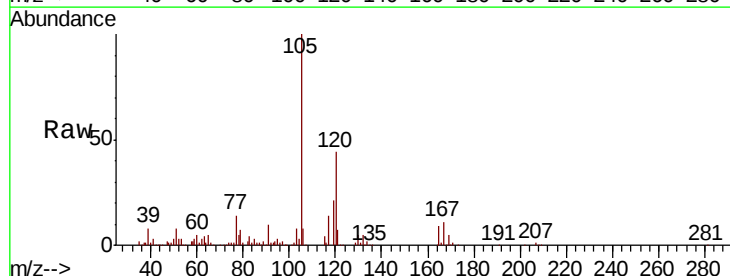
RT: 13.04 min Scan# 3505

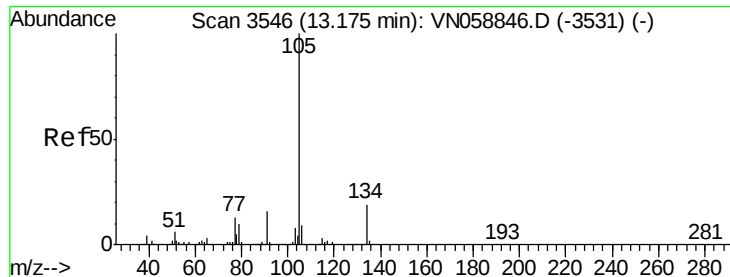
Delta R.T. -0.00 min

Lab File: VN058878.D

Acq: 21 Oct 2019 11:27

Tgt Ion:	105	Resp:	393182
Ion Ratio	Lower	Upper	
105	100		
120	43.8	21.9	65.8





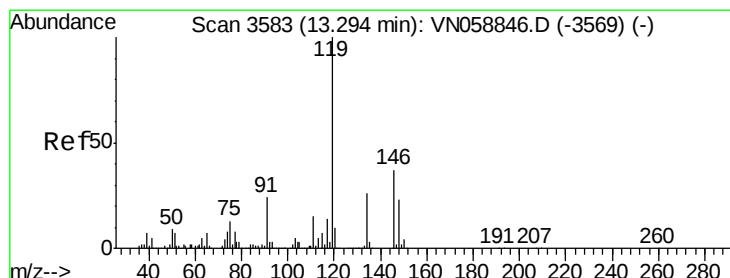
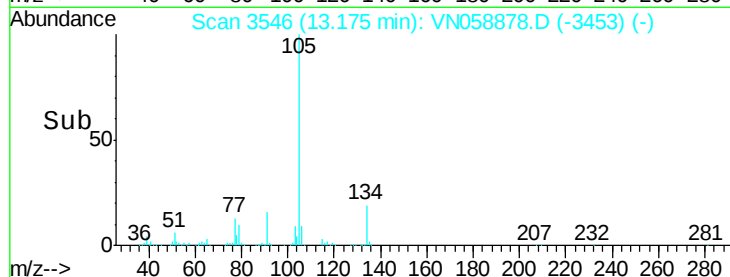
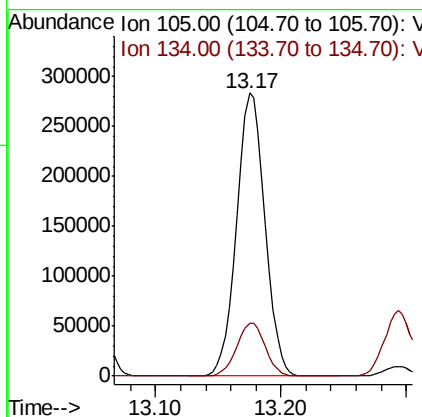
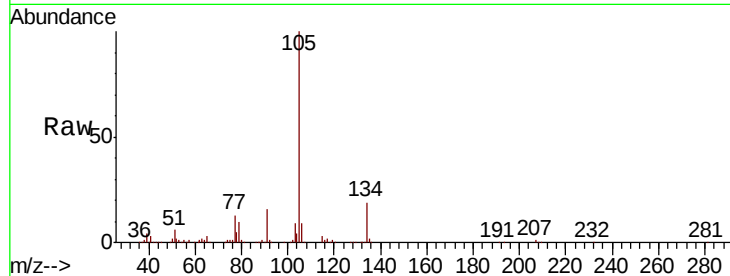
#85
 sec-Butylbenzene
 Concen: 21.531 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.4	28.2

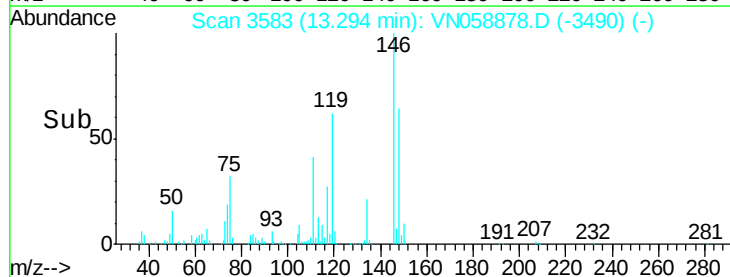
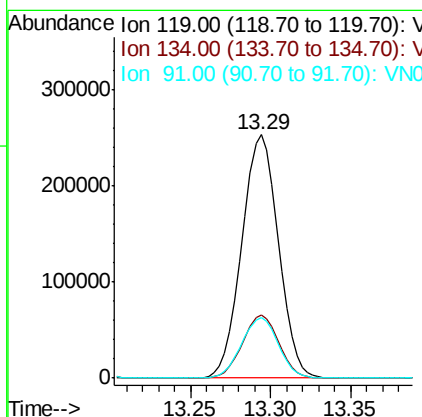
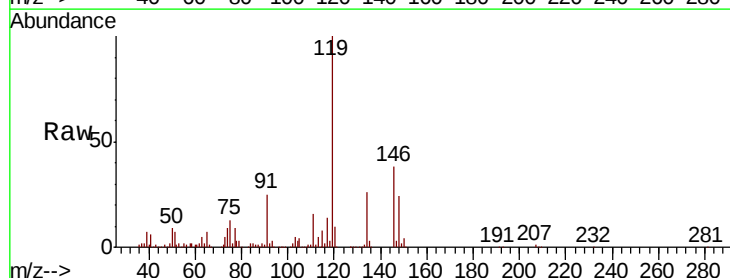
Manual Integrations
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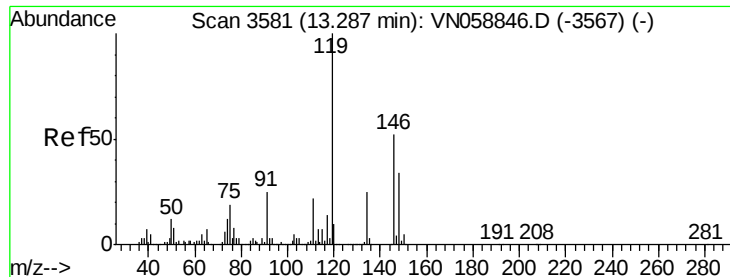
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#86
 p-Isopropyltoluene
 Concen: 21.598 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.8	38.4
91	25.0	12.2	36.4





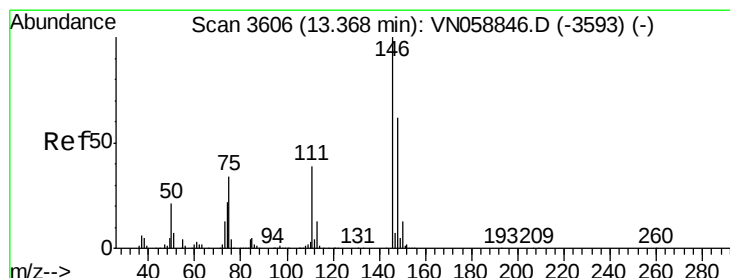
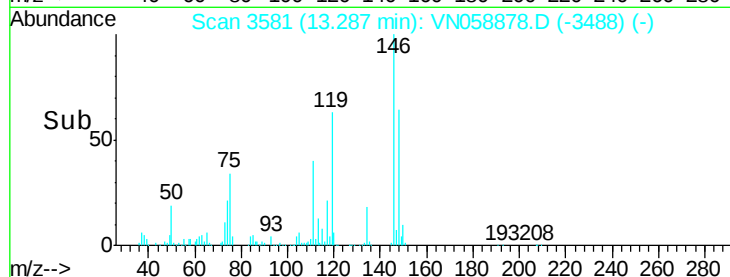
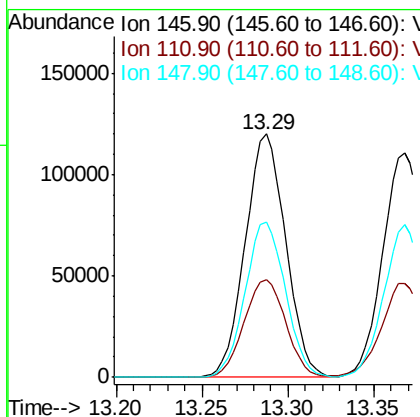
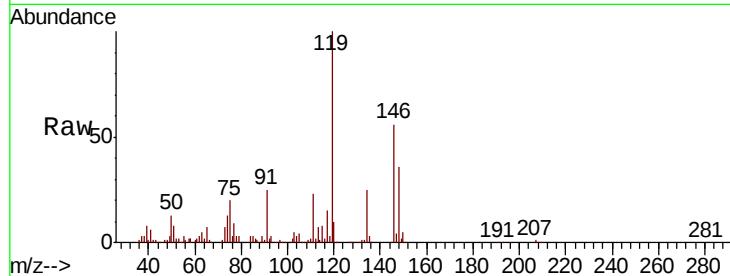
#87
 1,3-Dichlorobenzene
 Concen: 20.746 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	196593		
111	41.3	21.0	63.0	
148	63.6	32.1	96.3	

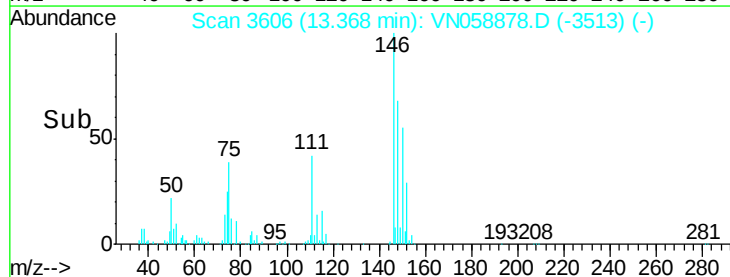
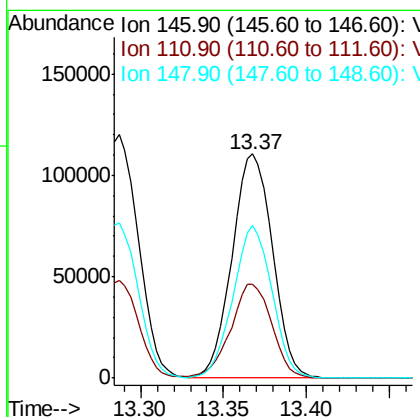
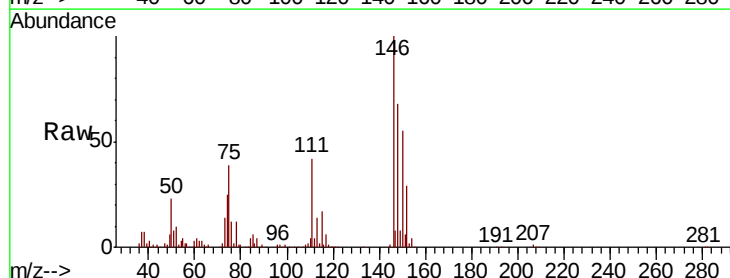
Manual Integrations
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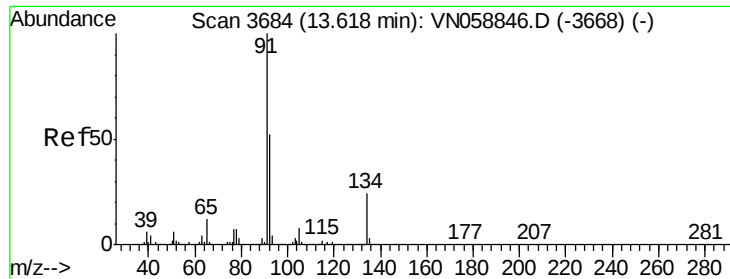
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#88
 1,4-Dichlorobenzene
 Concen: 19.739 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	187275		
111	42.5	20.2	60.6	
148	66.1	31.6	94.7	





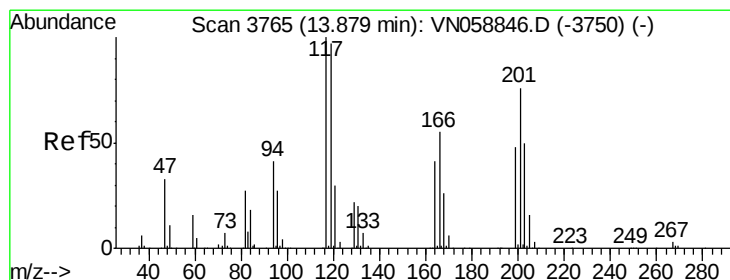
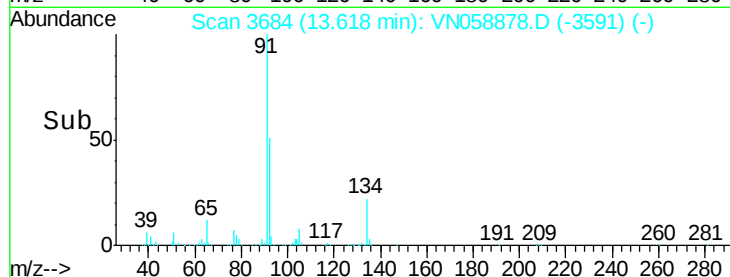
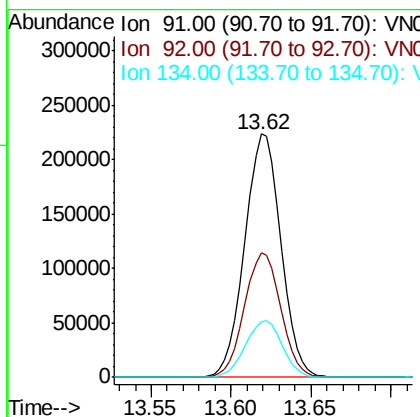
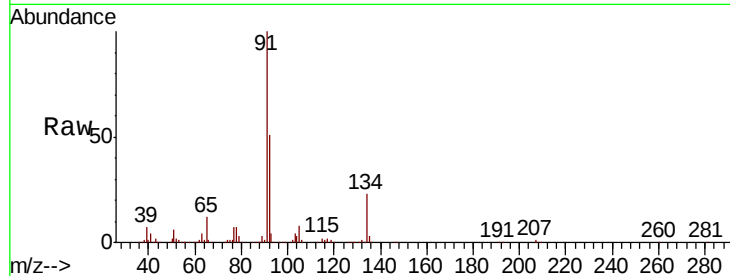
#89
n-Butylbenzene
Concen: 20.664 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.7	77.1
134	23.8	11.9	35.5

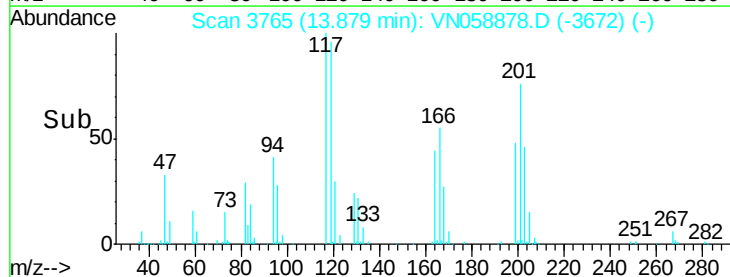
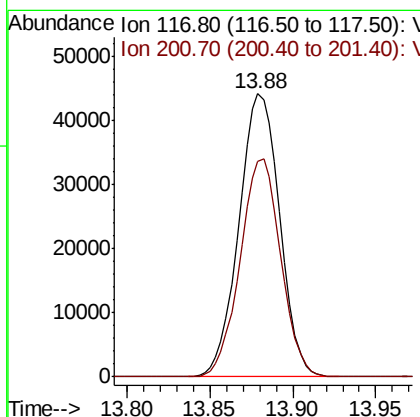
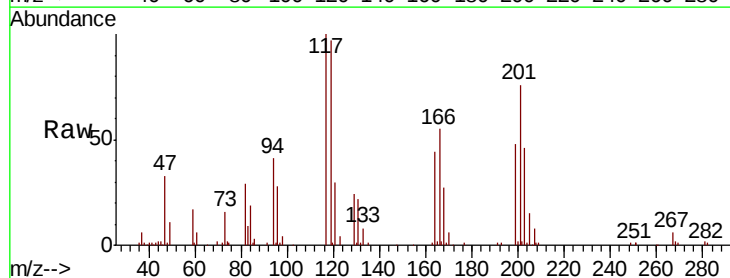
Manual Integrations
APPROVED

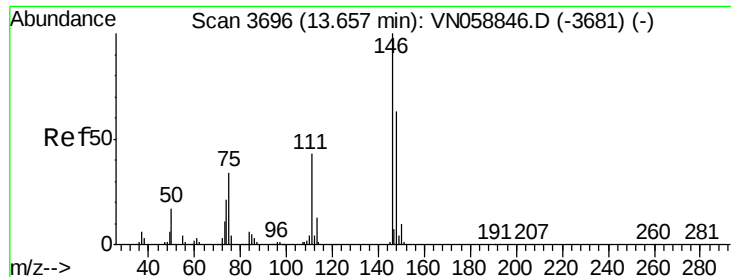
MMDadoda
10/22/2019 4:55:15 PM



#90
Hexachloroethane
Concen: 20.538 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.6	38.9	116.6





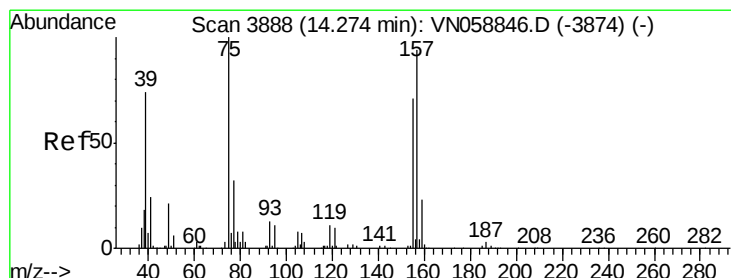
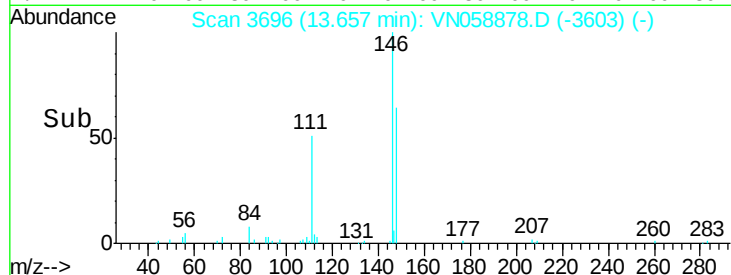
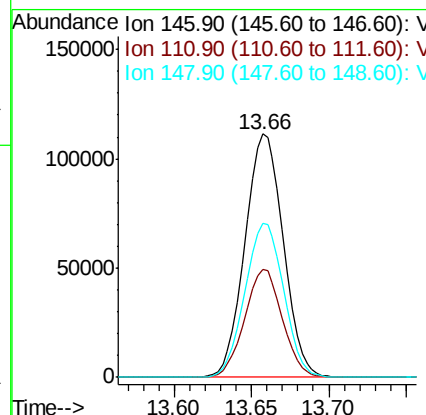
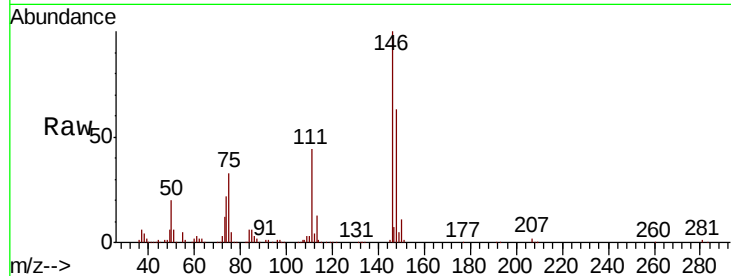
#91
 1,2-Dichlorobenzene
 Concen: 20.665 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.6	64.8
148	63.9	31.9	95.9

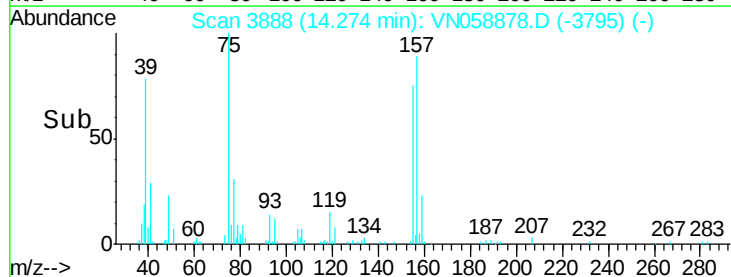
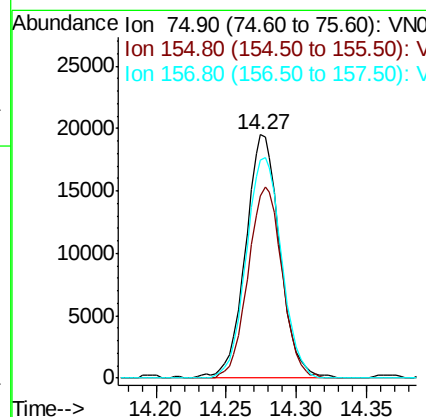
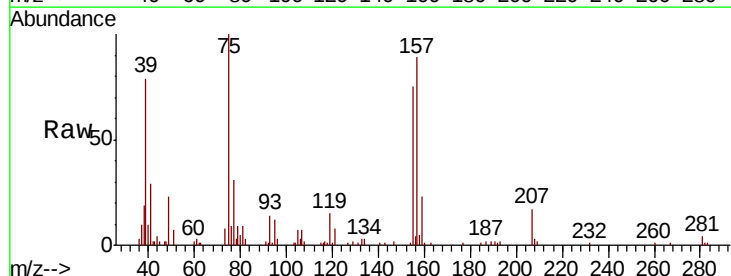
Manual Integrations
 APPROVED

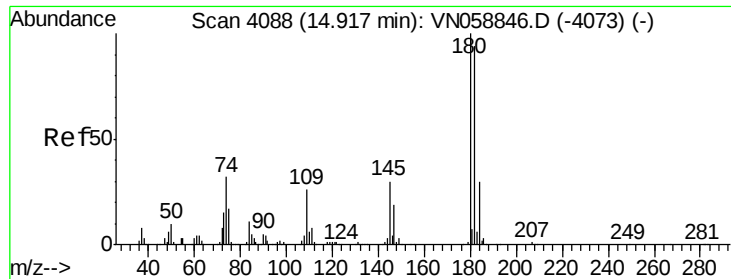
MMDadoda
 10/22/2019 4:55:15 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.410 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.9	35.6	106.8
157	93.4	47.4	142.2





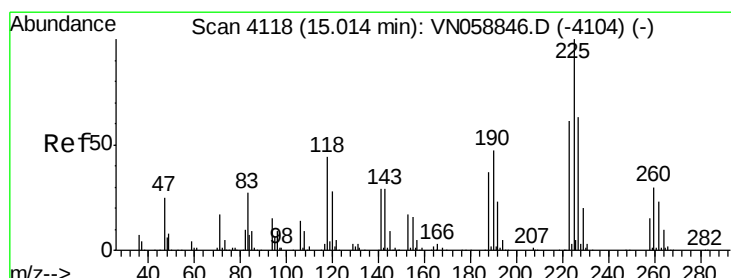
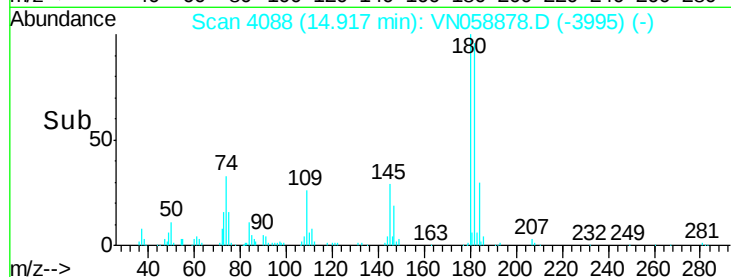
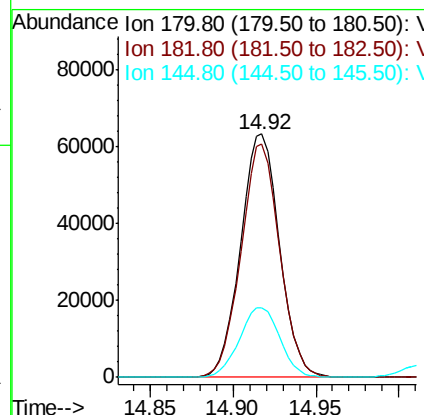
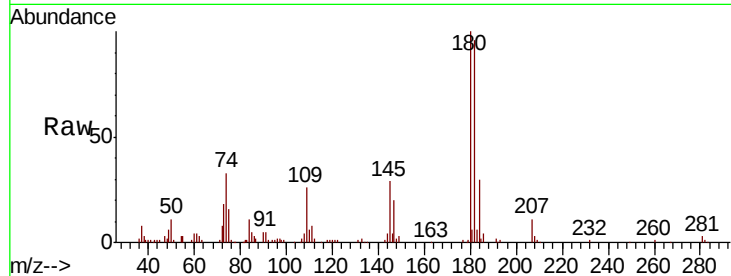
#93
 1,2,4-Trichlorobenzene
 Concen: 19.183 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	102884		
182	95.4	47.3	142.0	
145	29.9	15.3	45.8	

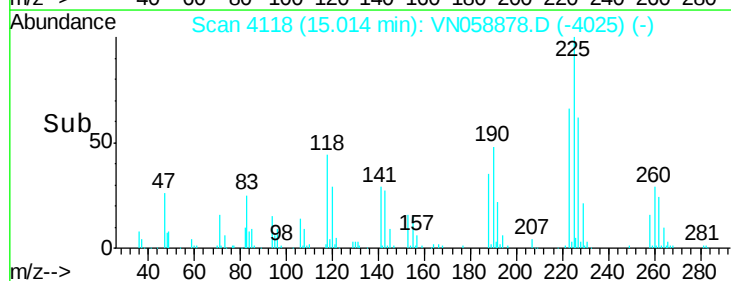
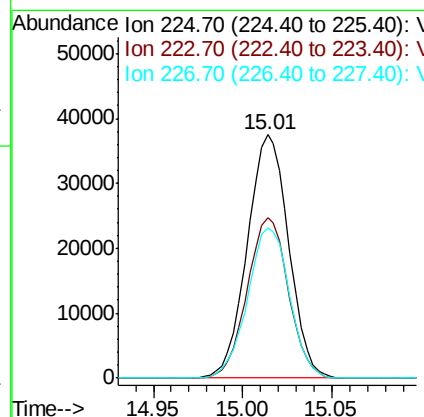
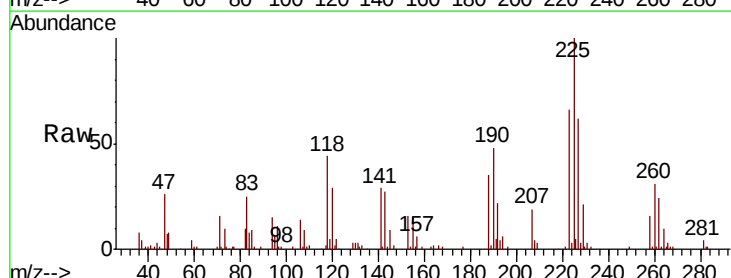
Manual Integrations
 APPROVED

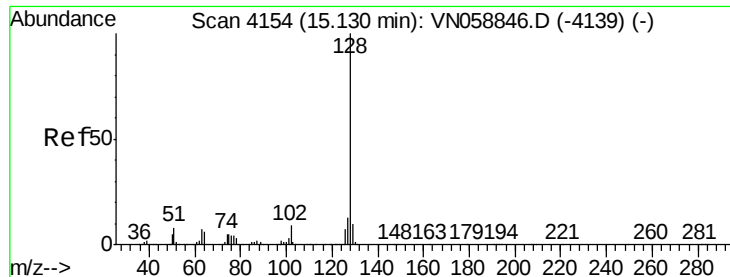
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 10/22/2019 4:55:15 PM



#94
 Hexachlorobutadiene
 Concen: 20.073 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN058878.D
 Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60597		
223	65.5	30.9	92.5	
227	62.7	31.6	94.7	





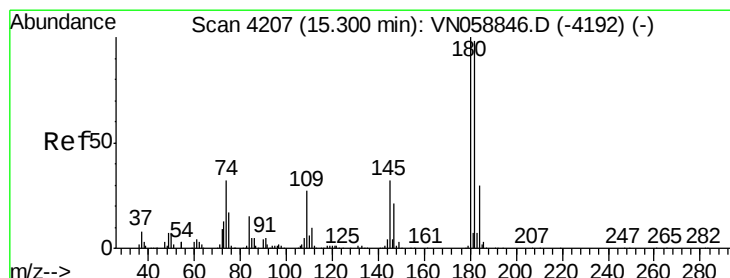
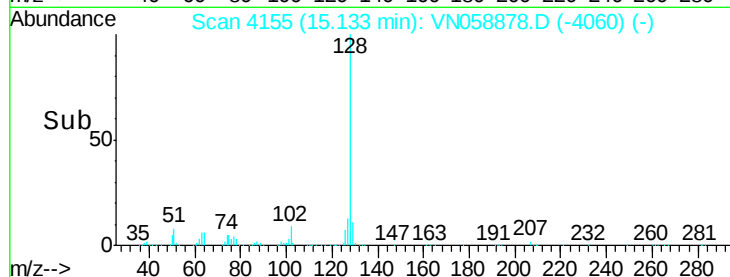
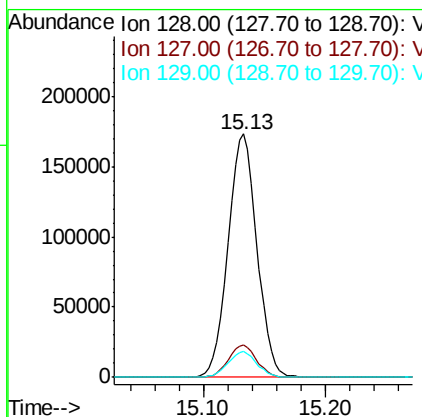
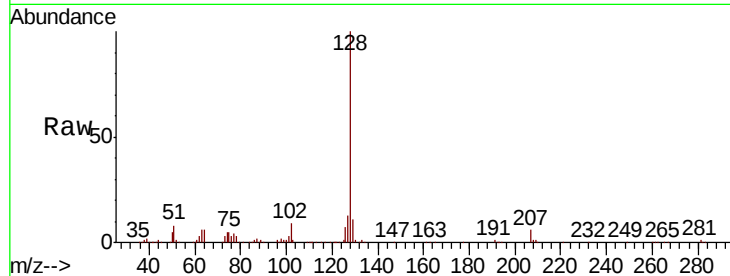
#95
Naphthalene
Concen: 18.489 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.6	8.4	12.6

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 19.537 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN058878.D
Acq: 21 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.9	143.7
145	32.3	15.9	47.7

