

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101119\
 Data File : VN058681.D
 Acq On : 10 Oct 2019 21:52
 Operator : JC/SP
 Sample : VN1011WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1011WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 2:47:16 PM

Quant Time: Oct 11 08:58:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.17	128	68916	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	397757	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	349815	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	185340	31.69	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.63%
60) 4-Bromofluorobenzene	12.40	95	178072	29.10	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.00%
63) Toluene-d8	10.08	98	513538	31.09	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	78081	20.911	ug/l 96
3) Chloromethane	2.04	50	100058	20.061	ug/l 97
4) Vinyl Chloride	2.17	62	102890	19.959	ug/l 99
5) Bromomethane	2.50	94	35226	11.068	ug/l 99
6) Chloroethane	2.60	64	32950m	10.169	ug/l
7) Trichlorofluoromethane	2.94	101	139705m	22.018	ug/l
8) Diethyl Ether	3.38	74	52552	21.716	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	79613	21.685	ug/l 99
10) 1,1-Dichloroethene	3.69	96	75298	20.882	ug/l 100
11) Methyl Iodide	3.91	142	90413	18.004	ug/l 98
12) Methyl Acetate	4.30	43	117235	20.321	ug/l 99
13) Acrolein	3.58	56	58339	91.522	ug/l 100
14) Acrylonitrile	4.97	53	213269	93.821	ug/l # 89
15) Acetone	3.81	58	58700	86.994	ug/l 93
16) Carbon Disulfide	4.00	76	205433	19.533	ug/l 97
17) Allyl chloride	4.28	41	145600	20.287	ug/l 98
18) Methylene Chloride	4.52	84	91465	20.947	ug/l 96
19) trans-1,2-Dichloroethene	5.00	96	84849	21.615	ug/l 88
20) Diisopropyl ether	5.93	45	310563	21.239	ug/l 97
21) 1,1-Dichloroethane	5.81	63	173428	21.418	ug/l 100
22) cis-1,2-Dichloroethene	6.80	96	97483	20.828	ug/l 99
23) tert-Butyl Alcohol	4.84	59	48372m	52.025	ug/l
24) Methyl tert-Butyl Ether	5.02	73	283438	21.070	ug/l 100
25) Chloroform	7.35	83	170352	21.095	ug/l 92
26) Cyclohexane	7.63	56	149410	21.023	ug/l # 96
29) 1,1-Dichloropropene	7.77	75	126059	20.133	ug/l 99
30) 2-Butanone	6.82	43	272431	76.996	ug/l 99
31) 2,2-Dichloropropane	6.80	77	131618	17.835	ug/l 98
32) 1,1,1-Trichloroethane	7.54	97	145895	20.146	ug/l 99
33) Carbon Tetrachloride	7.75	117	125123	19.961	ug/l 99
34) Benzene	8.02	78	371127	20.134	ug/l 99
35) Methacrylonitrile	7.16	41	45230m	14.471	ug/l
36) 1,2-Dichloroethane	8.11	62	143267	20.328	ug/l 100
37) Trichloroethene	8.82	130	91885	20.290	ug/l 99
38) Methylcyclohexane	9.07	83	143493	19.766	ug/l 99
39) 1,2-Dichloropropane	9.11	63	102391	20.326	ug/l 98
40) Dibromomethane	9.20	93	63314	19.909	ug/l 100

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Quant Time: Oct 11 08:58:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.39	83	127828	19.676	ug/l	100
42) Vinyl Acetate	5.87	43	1248783	100.776	ug/l	100
43) Ethyl Acetate	6.91	43	119080	17.147	ug/l	95
44) Isopropyl Acetate	8.15	43	211830	18.831	ug/l #	87
45) 1,4-Dioxane	9.20	88	12058	139.596	ug/l	96
46) Methyl methacrylate	9.19	41	93465	18.098	ug/l	99
47) n-amyl Acetate	12.08	43	173681	17.417	ug/l	97
48) t-1,3-Dichloropropene	10.38	75	138055	18.323	ug/l	98
49) cis-1,3-Dichloropropene	9.83	75	149212	18.859	ug/l	97
50) 1,1,2-Trichloroethane	10.56	97	88880	19.578	ug/l	98
51) Ethyl methacrylate	10.43	69	127404	17.551	ug/l	99
52) 1,3-Dichloropropane	10.71	76	156179	19.318	ug/l	98
53) Dibromochloromethane	10.90	129	89300	18.329	ug/l	99
54) 1,2-Dibromoethane	11.00	107	90458	19.224	ug/l	97
55) 2-Chloroethyl vinyl ether	9.69	63	344683	95.455	ug/l	99
56) Bromoform	12.13	173	57536	16.953	ug/l	99
58) 4-Methyl-2-Pentanone	9.98	43	586712	91.939	ug/l	100
59) 2-Hexanone	10.75	43	421728	84.296	ug/l	99
61) Tetrachloroethene	10.63	164	80640	21.333	ug/l	98
62) Toluene	10.15	91	395751	21.032	ug/l	99
64) Chlorobenzene	11.43	112	231561	20.128	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.51	131	84703	19.636	ug/l	98
66) Ethyl Benzene	11.51	91	424714	20.384	ug/l	100
67) m/p-Xylenes	11.62	106	309841	39.803	ug/l	97
68) o-Xylene	11.95	106	150378	19.927	ug/l	100
69) Styrene	11.97	104	235367	18.879	ug/l	98
70) Isopropylbenzene	12.25	105	407799	20.016	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	125299	18.268	ug/l	98
72) 1,2,3-Trichloropropane	12.56	75	109245m	17.577	ug/l	
73) Bromobenzene	12.53	156	93869	18.968	ug/l	99
74) n-propylbenzene	12.60	91	478780	20.076	ug/l	99
75) 2-Chlorotoluene	12.68	91	280816	19.571	ug/l	99
76) 1,3,5-Trimethylbenzene	12.74	105	344335	19.732	ug/l	99
77) t-1,4-Dichloro-2-butene	12.31	75	37475	15.828	ug/l	93
78) 4-Chlorotoluene	12.78	91	286403	19.367	ug/l	100
79) tert-butylbenzene	13.00	119	286871	19.242	ug/l	99
80) 1,2,4-Trimethylbenzene	13.05	105	336363	19.398	ug/l	100
81) sec-Butylbenzene	13.18	105	384570	19.167	ug/l	99
82) p-Isopropyltoluene	13.29	119	347605	19.293	ug/l	99
83) 1,3-Dichlorobenzene	13.29	146	170588	19.050	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	169599	18.961	ug/l	98
85) n-Butylbenzene	13.62	91	307312	18.630	ug/l	99
86) Hexachloroethane	13.88	117	60100	18.330	ug/l	99
87) 1,2-Dichlorobenzene	13.66	146	171970	19.453	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.28	75	27673	18.127	ug/l	98
89) 1,2,4-Trichlorobenzene	14.92	180	107530	19.264	ug/l	99
90) Hexachlorobutadiene	15.02	225	52038	18.053	ug/l	97
91) Naphthalene	15.13	128	319126	19.363	ug/l	100
92) 1,2,3-Trichlorobenzene	15.30	180	108347	19.940	ug/l	99

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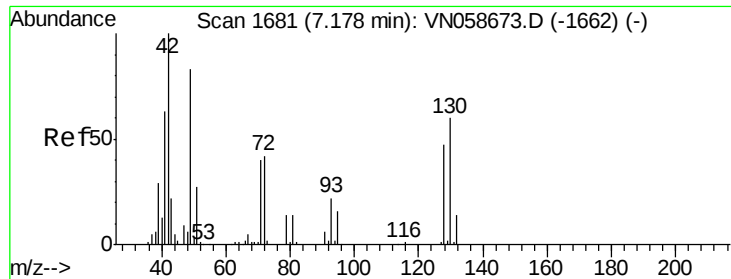
Manual Integrations
APPROVED

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QLast Update : Fri Oct 11 04:26:47 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



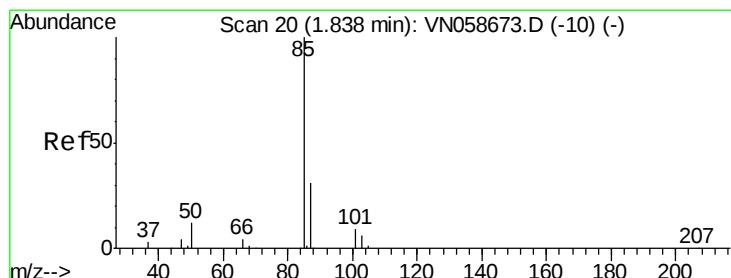
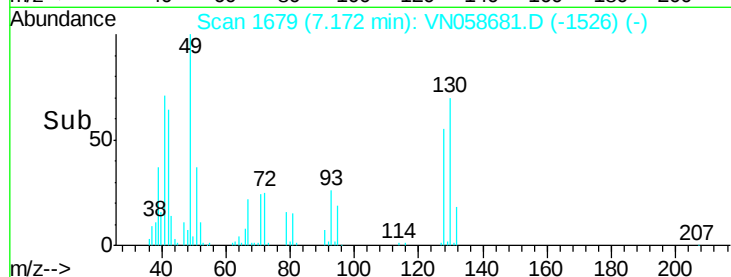
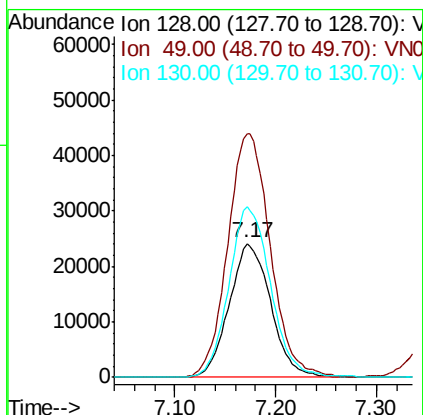
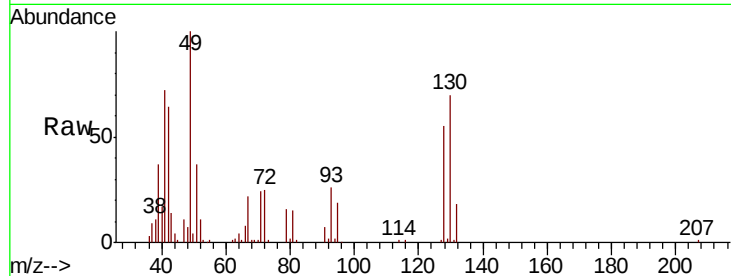
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	186.7	0.0	453.5
130	127.9	0.0	314.2

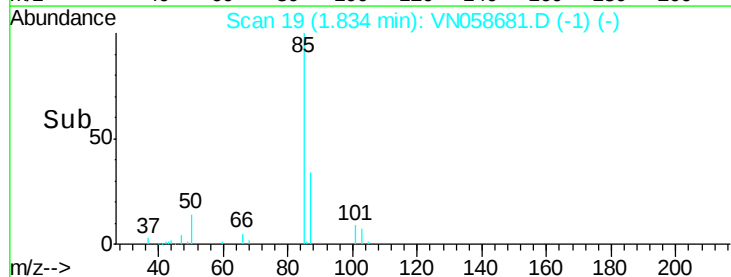
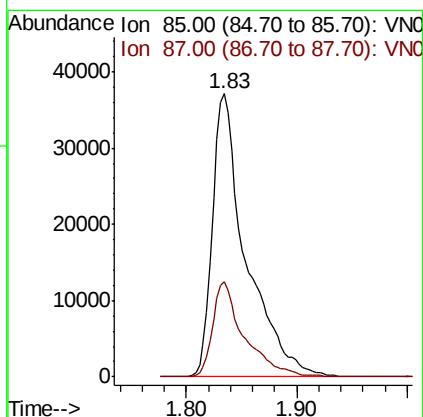
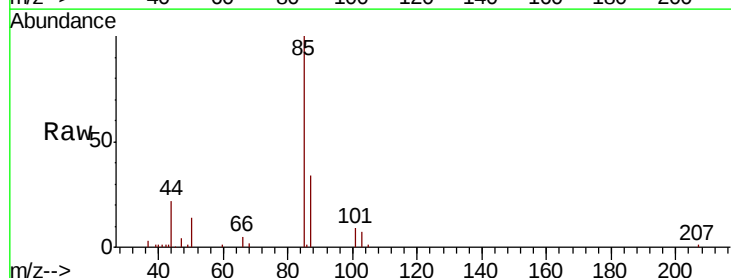
Manual Integrations
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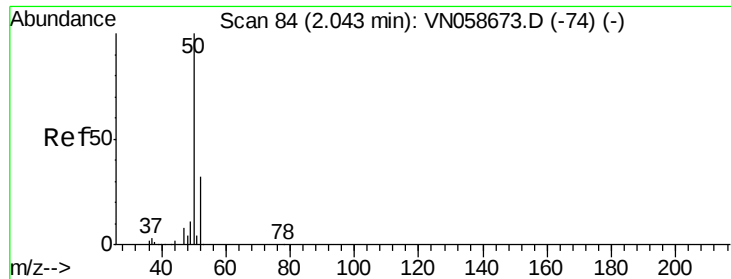
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#2
Dichlorodifluoromethane
Concen: 20.911 ug/l
RT: 1.83 min Scan# 19
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.6	15.7	47.0





#3

Chloromethane

Concen: 20.061 ug/l

RT: 2.04 min Scan# 84

Delta R.T. -0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBS01

Tot Ion: 50 Resp: 100058

Ion Ratio Lower Upper

50 100

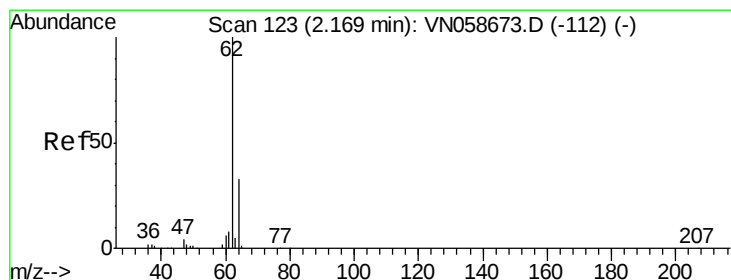
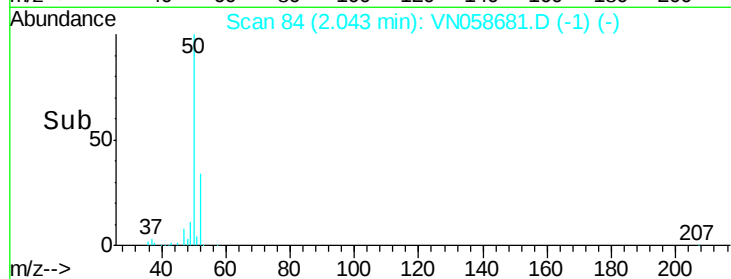
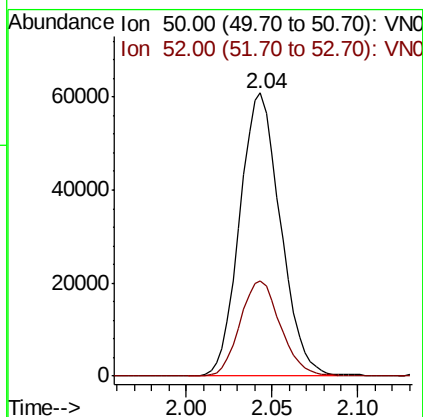
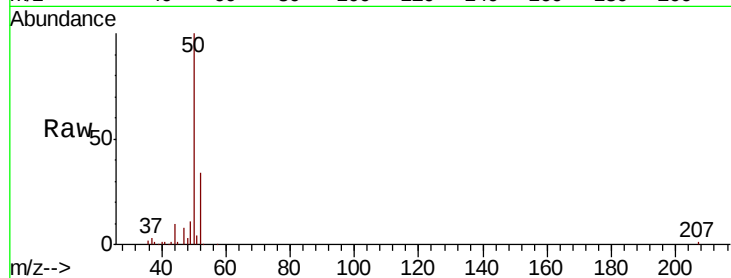
52 33.9 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.959 ug/l

RT: 2.17 min Scan# 124

Delta R.T. 0.00 min

Lab File: VN058681.D

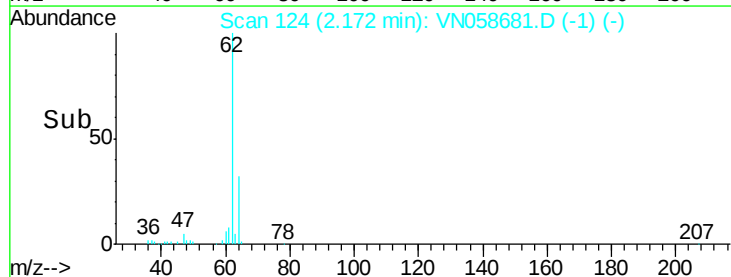
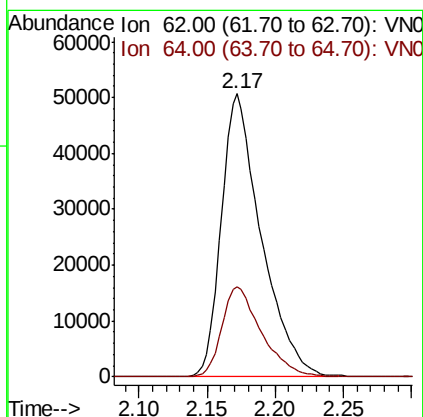
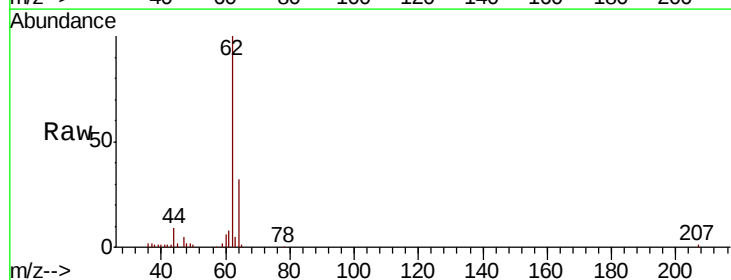
Acq: 10 Oct 2019 21:52

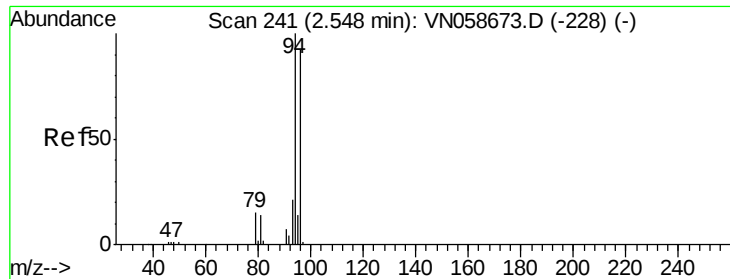
Tgt Ion: 62 Resp: 102890

Ion Ratio Lower Upper

62 100

64 32.1 26.1 39.1





#5

Bromomethane

Concen: 11.068 ug/l

RT: 2.50 min Scan# 225

Delta R.T. -0.05 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBS01

Tot Ion: 94 Resp: 35226

Ion Ratio Lower Upper

94 100

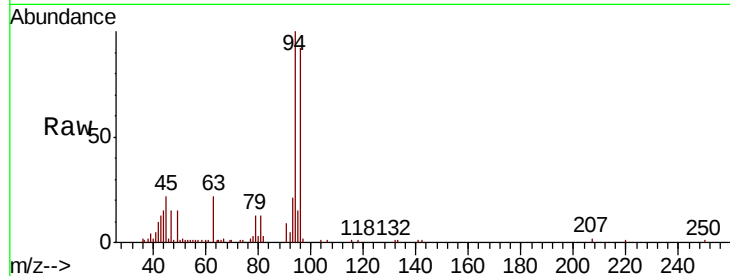
96 92.6 73.7 110.5

Manual Integrations

APPROVED

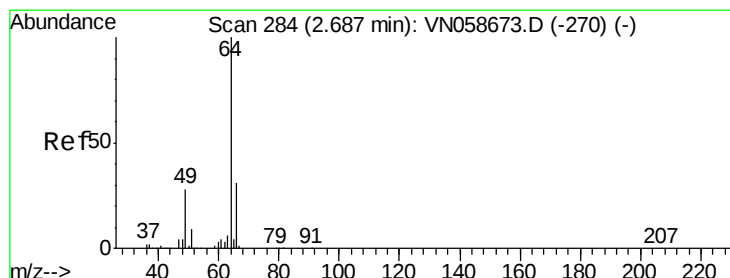
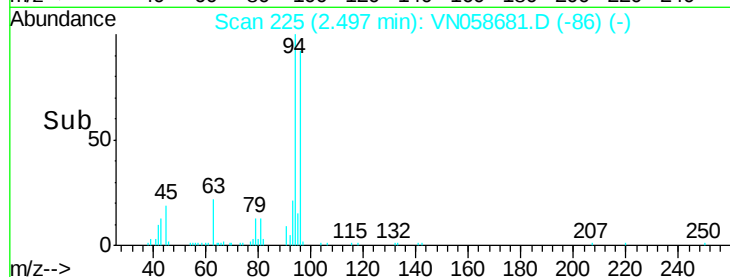
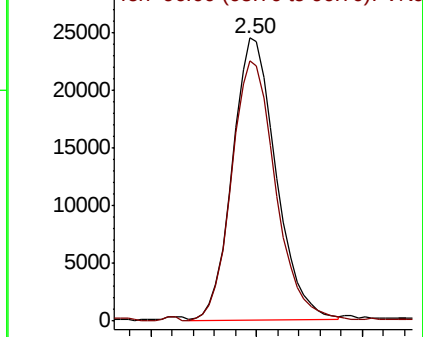
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Abundance Ion 94.00 (93.70 to 94.70): VNC

Ion 96.00 (95.70 to 96.70): VNC



#6

Chloroethane

Concen: 10.169 ug/l m

RT: 2.60 min Scan# 258

Delta R.T. -0.08 min

Lab File: VN058681.D

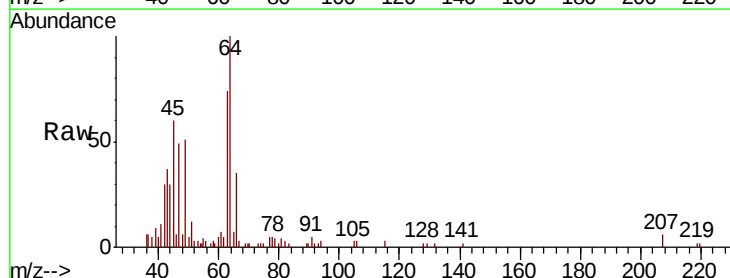
Acq: 10 Oct 2019 21:52

Tgt Ion: 64 Resp: 32950

Ion Ratio Lower Upper

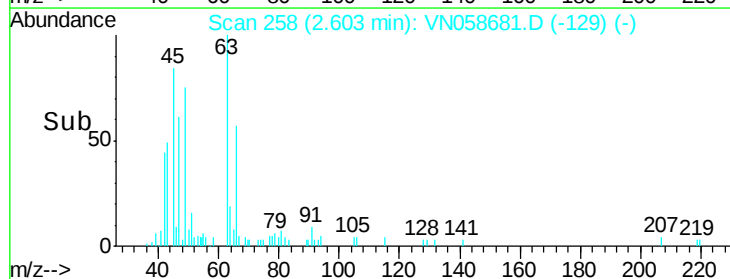
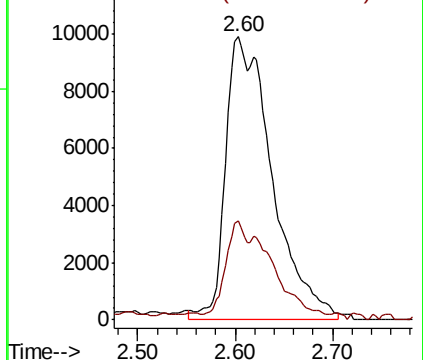
64 100

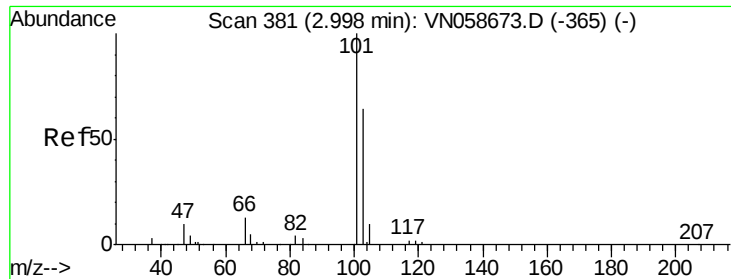
66 35.0 24.6 36.8



Abundance Ion 64.00 (63.70 to 64.70): VNC

Ion 66.00 (65.70 to 66.70): VNC





#7

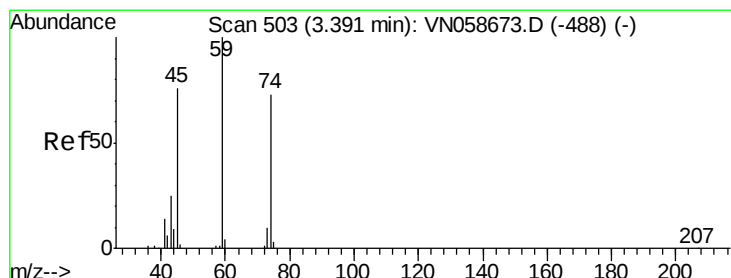
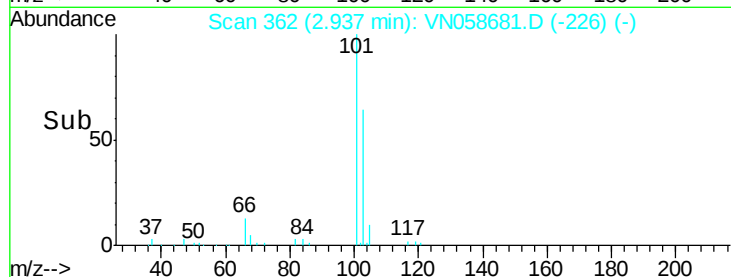
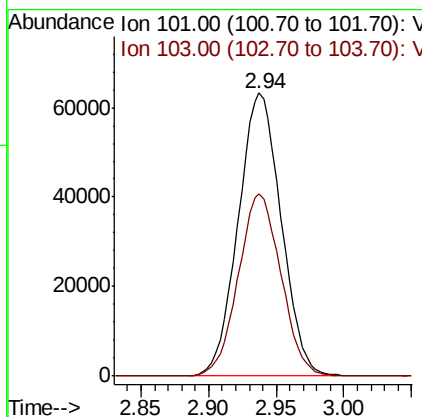
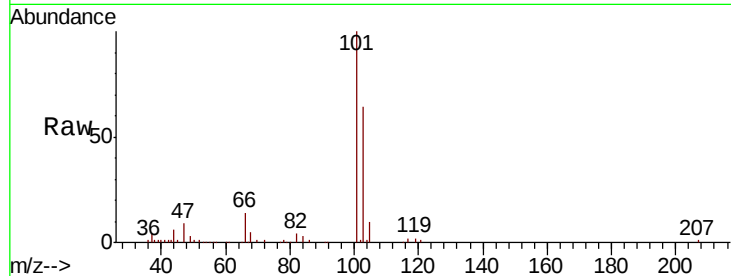
Trichlorofluoromethane
 Concen: 22.018 ug/l m
 RT: 2.94 min Scan# 362
 Delta R.T. -0.06 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.5	77.3

Manual Integrations
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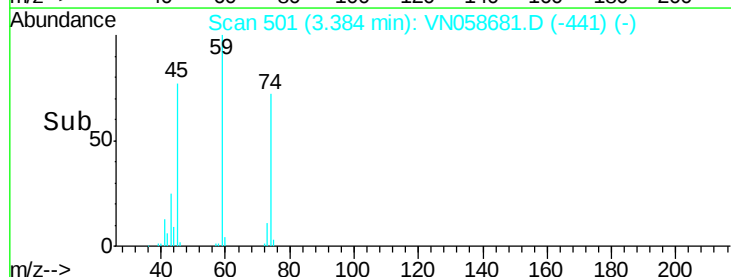
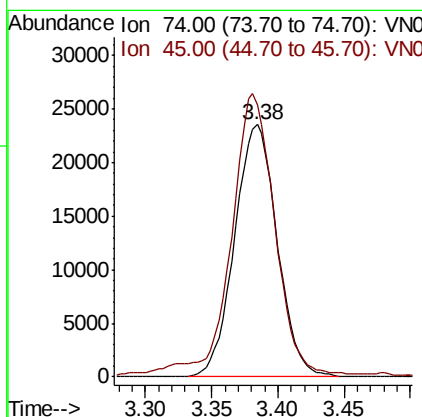
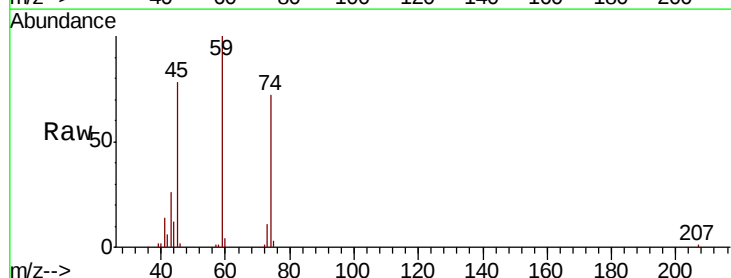
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 10/11/2019 2:47:16 PM

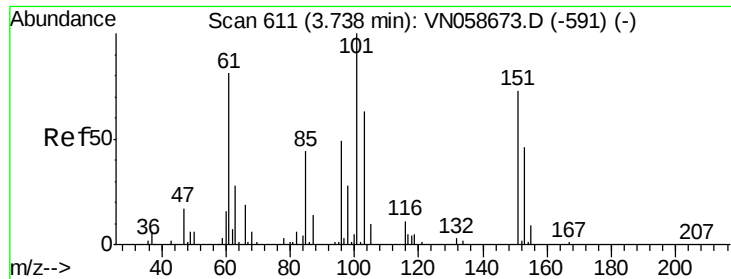


#8

Diethyl Ether
 Concen: 21.716 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.2	20.6	185.8





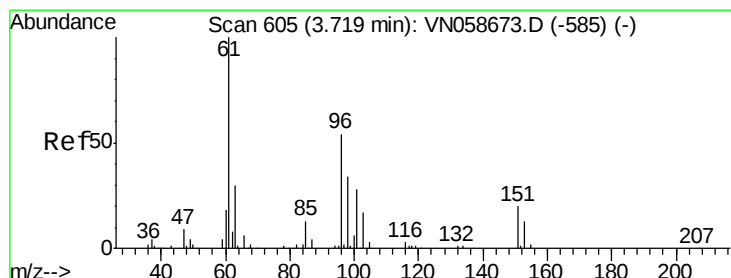
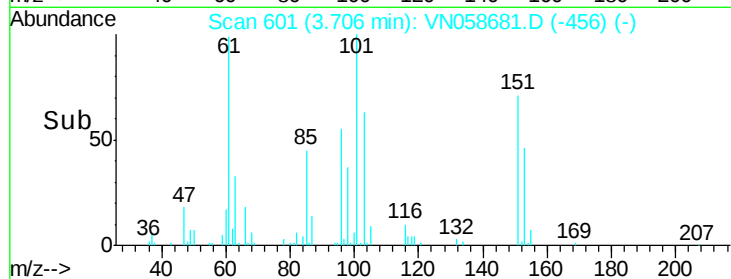
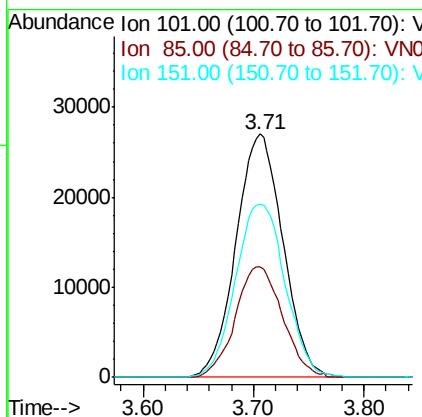
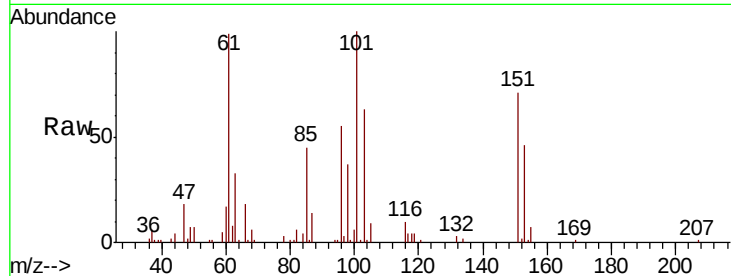
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.685 ug/l
 RT: 3.71 min Scan# 601
 Delta R.T. -0.03 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	79613		
85	45.5	0.0	93.8	
151	75.4	0.0	149.6	

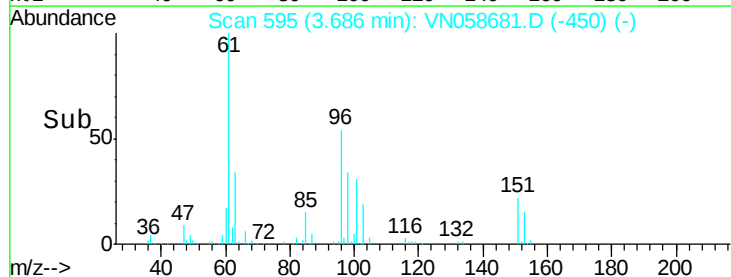
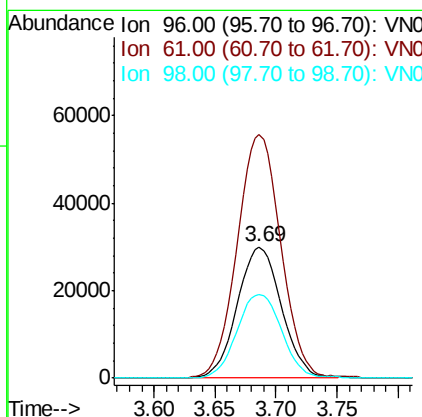
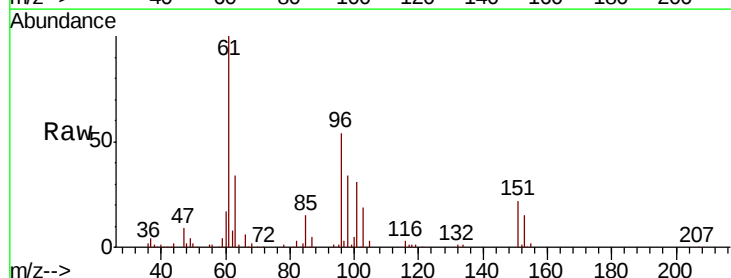
Manual Integrations
 APPROVED

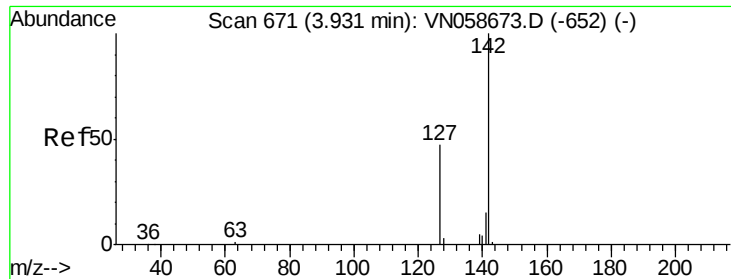
MMDadoda
 10/11/2019 2:47:16 PM



#10
 1,1-Dichloroethene
 Concen: 20.882 ug/l
 RT: 3.69 min Scan# 595
 Delta R.T. -0.03 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	75298		
61	185.3	148.5	222.7	
98	64.0	51.0	76.6	





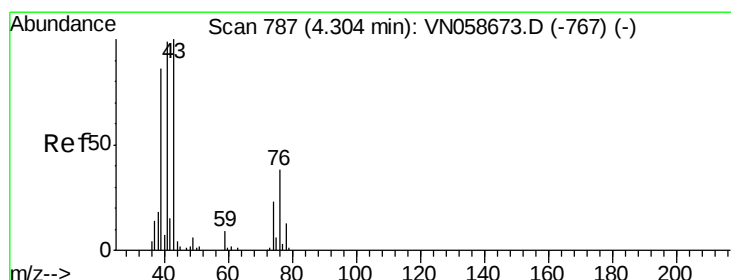
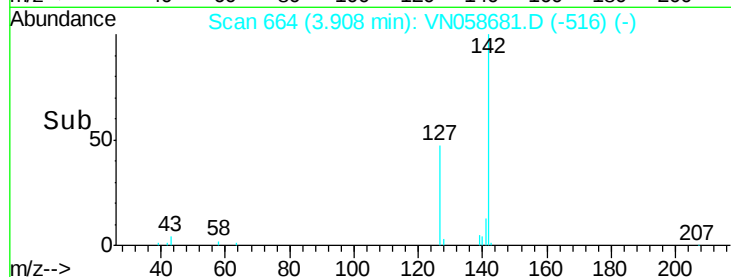
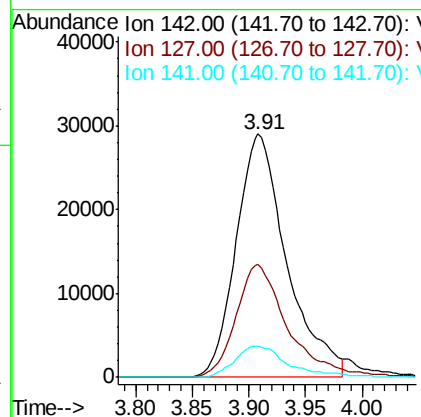
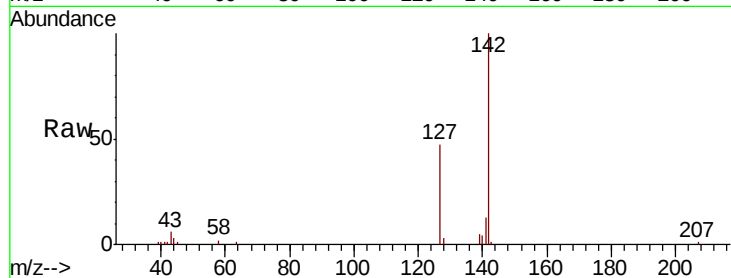
#11
Methvl Iodide
Concen: 18.004 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.02 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	46.8	23.5	70.6
141	12.4	7.4	22.2

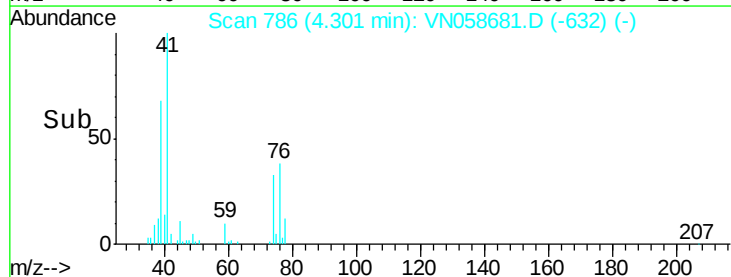
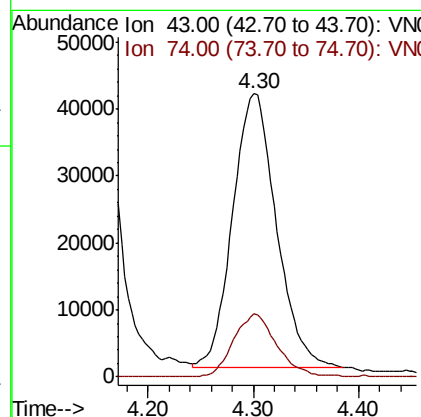
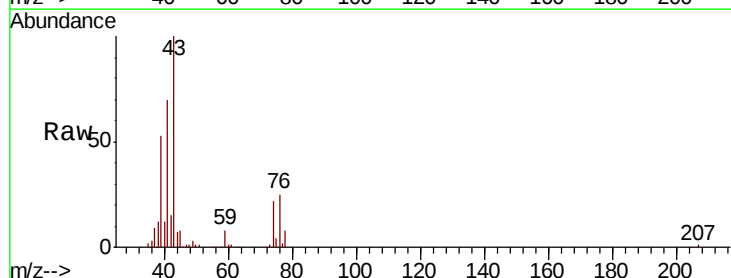
Manual Integrations
APPROVED

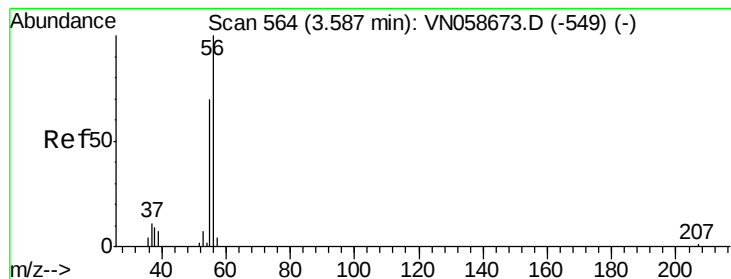
MMDadoda
10/11/2019 2:47:16 PM



#12
Methyl Acetate
Concen: 20.321 ug/l
RT: 4.30 min Scan# 786
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	18.1	27.1





#13

Acrolein

Concen: 91.522 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBS01

Tot Ion: 56 Resp: 58339

Ion Ratio Lower Upper

56 100

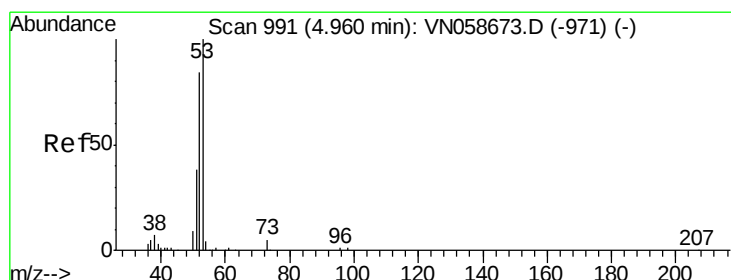
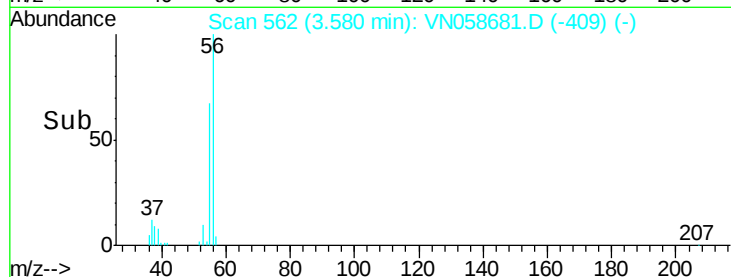
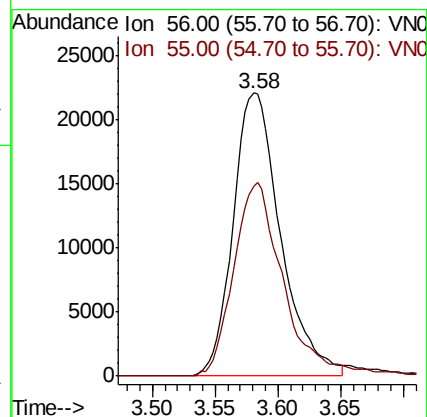
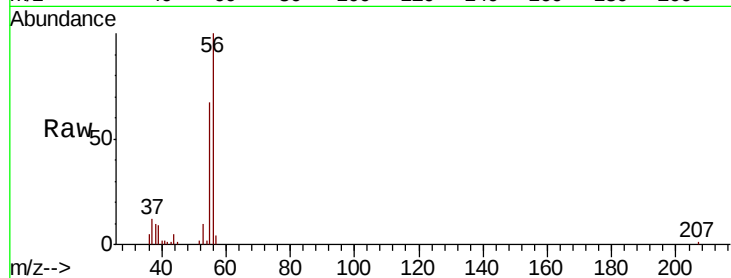
55 70.2 55.9 83.9

Manual Integrations

APPROVED

MMDadoda

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#14

Acrylonitrile

Concen: 93.821 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.01 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

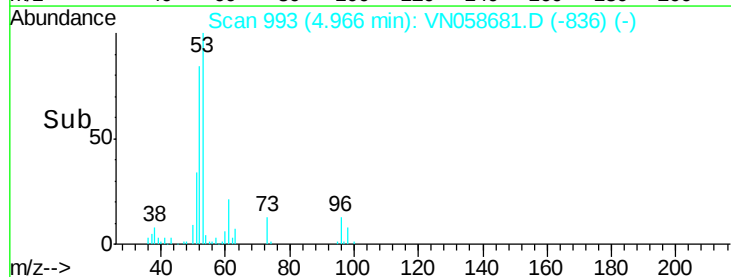
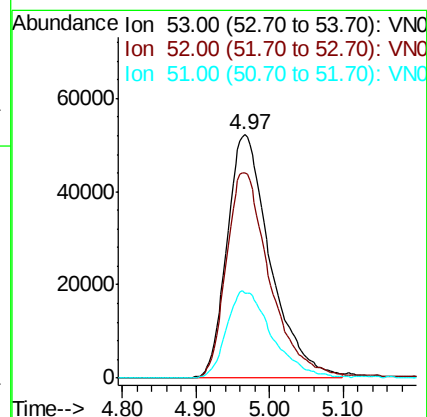
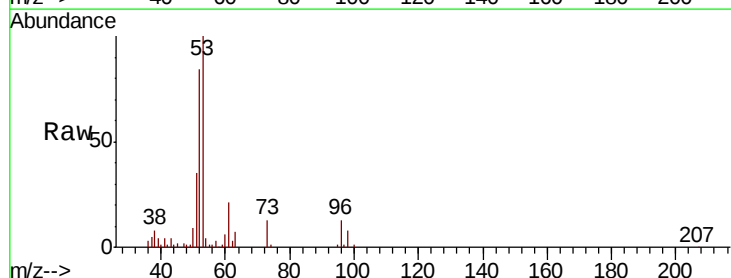
Tgt Ion: 53 Resp: 213269

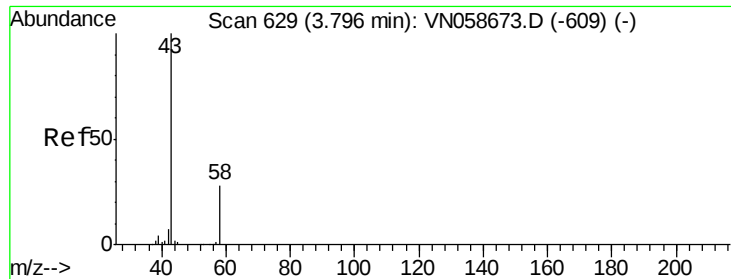
Ion Ratio Lower Upper

53 100

52 83.0 42.2 126.6

51 17.3 18.8 56.4#





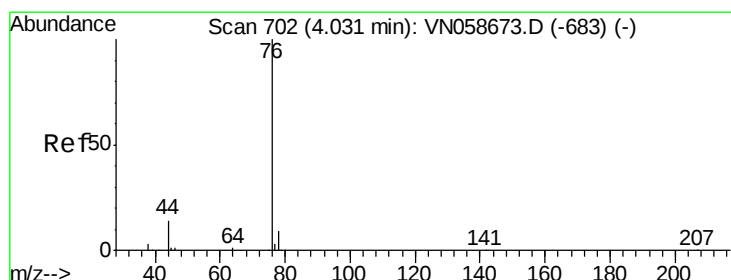
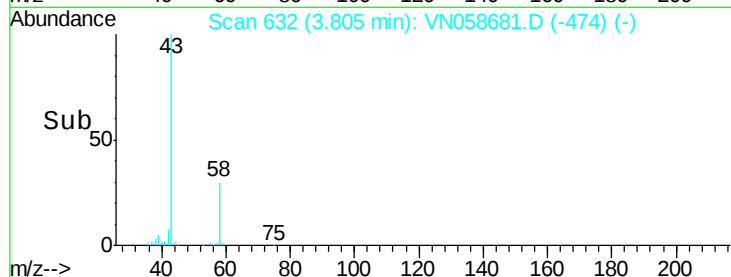
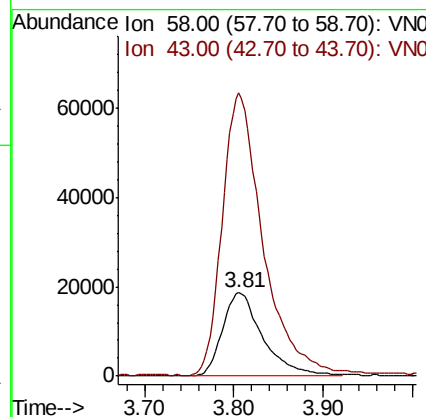
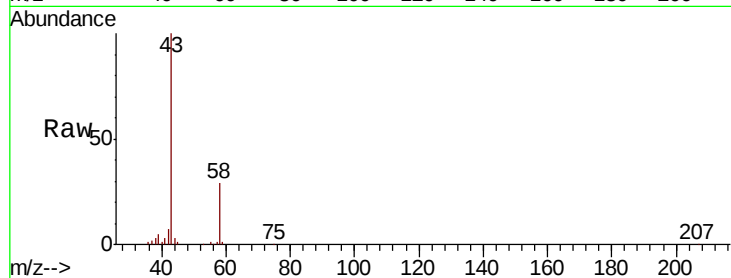
#15
Acetone
Concen: 86.994 ug/l
RT: 3.81 min Scan# 632
Delta R.T. 0.01 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion: 58 Resp: 58700
Ion Ratio Lower Upper
58 100
43 337.6 281.7 422.5

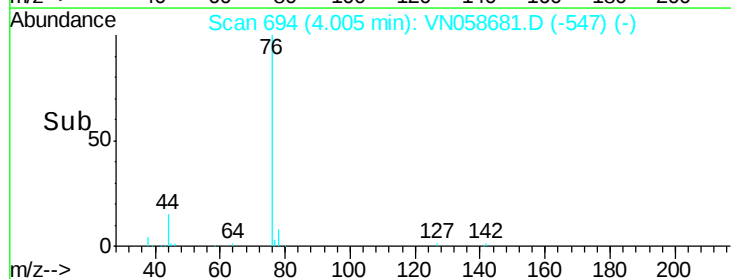
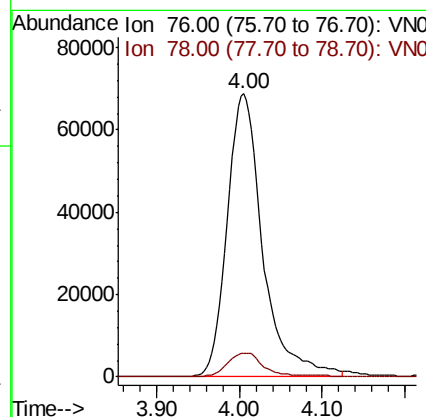
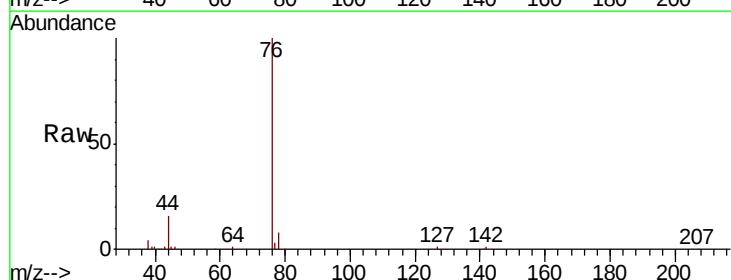
Manual Integrations
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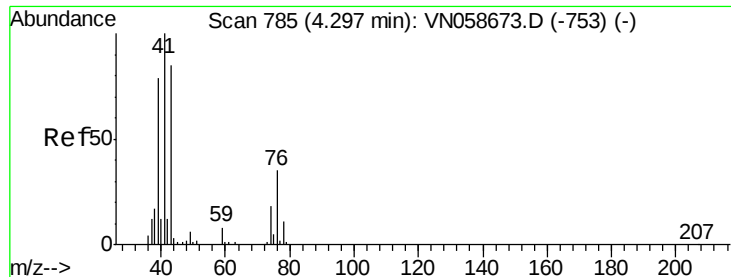
MMDadoda
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#16
Carbon Disulfide
Concen: 19.533 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.03 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion: 76 Resp: 205433
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0





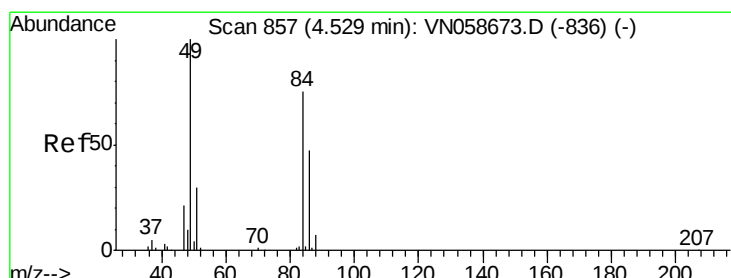
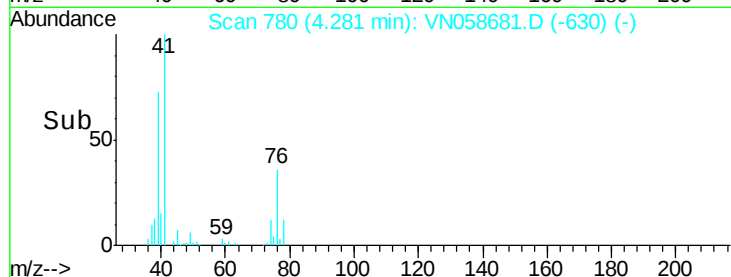
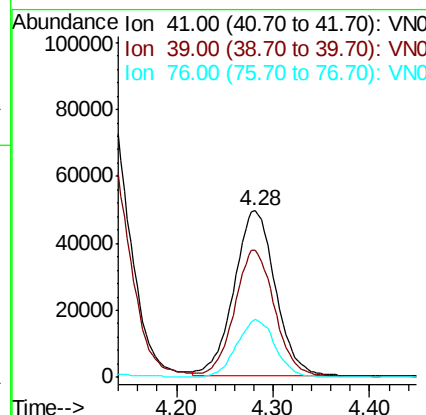
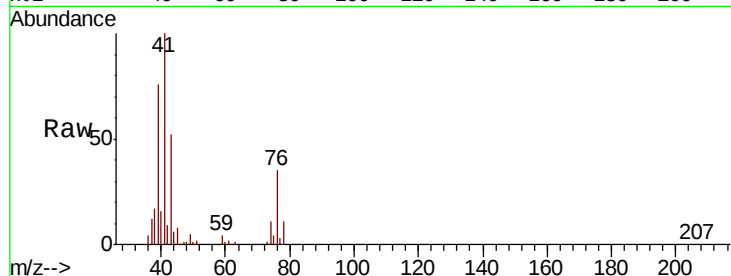
#17
Allvl chloride
Concen: 20.287 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.02 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	76.2	39.6	118.8
76	35.2	17.6	52.9

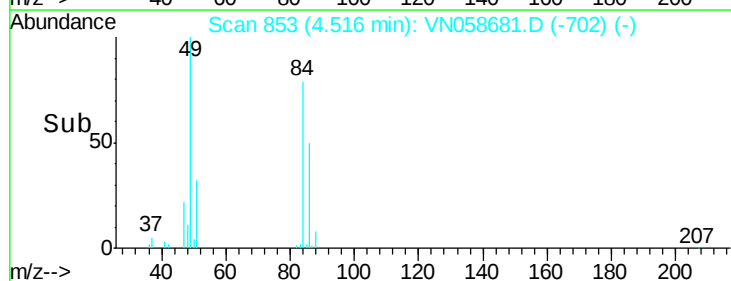
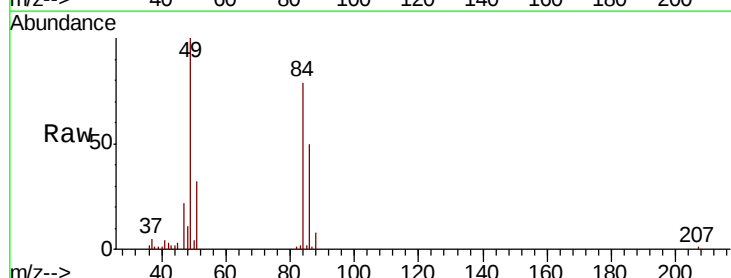
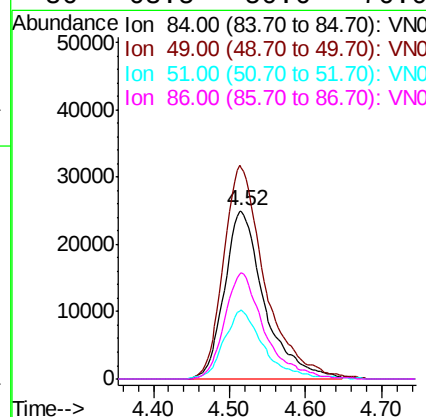
Manual Integrations
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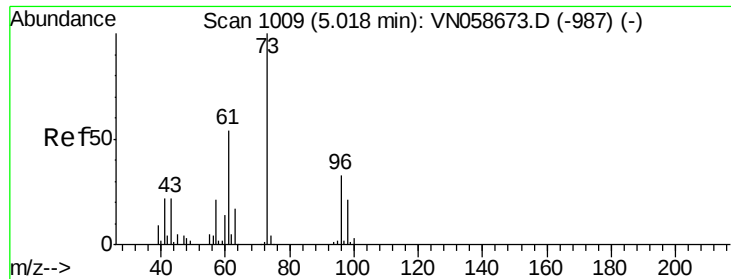
MMDadoda
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#18
Methylene Chloride
Concen: 20.947 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.6	106.6	160.0
51	40.1	32.4	48.6
86	63.5	50.6	76.0





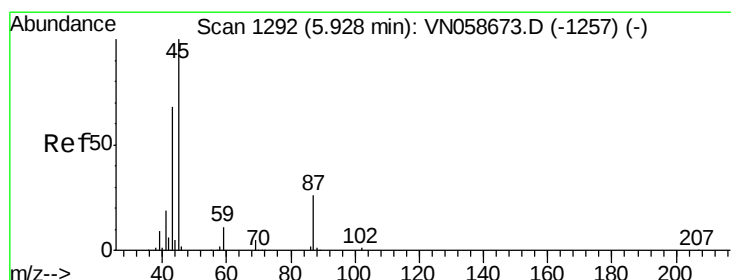
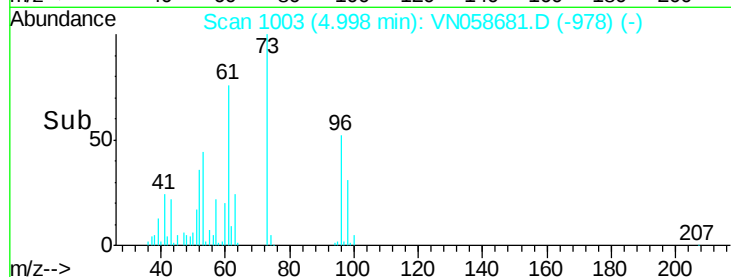
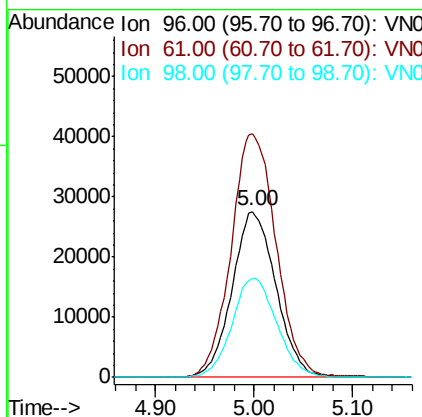
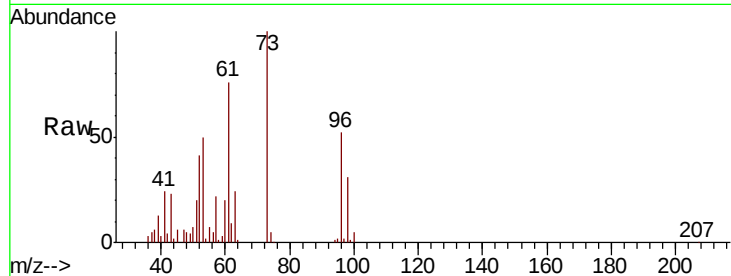
#19
trans-1,2-Dichloroethene
Concen: 21.615 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.02 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.9	131.8	197.6
98	59.7	52.6	79.0

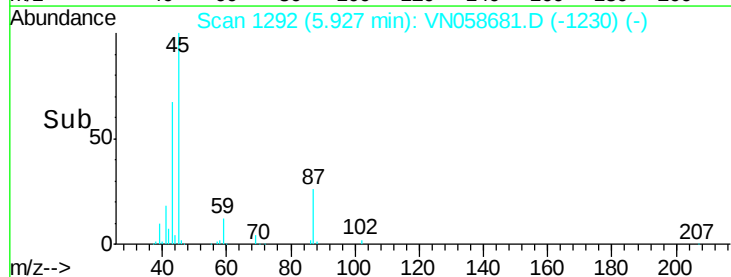
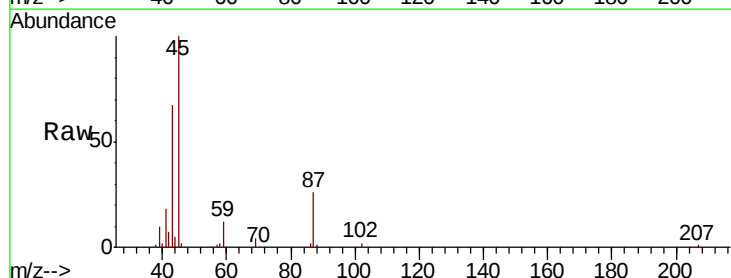
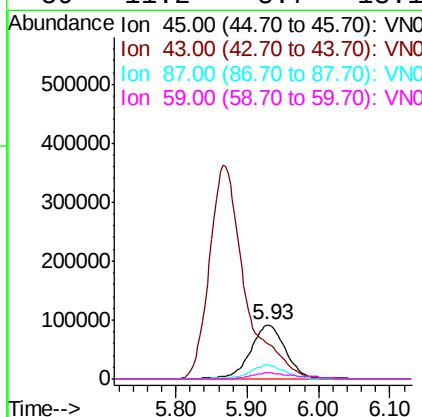
Manual Integrations
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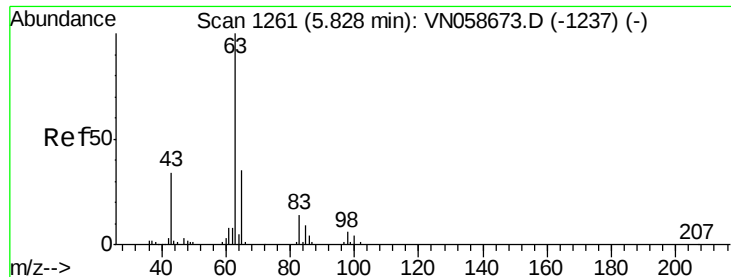
MMDadoda
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#20
Diisopropyl ether
Concen: 21.239 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.2	54.7	82.1
87	25.7	21.5	32.3
59	11.2	8.7	13.1





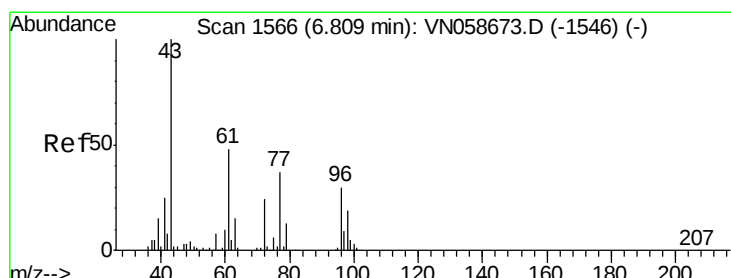
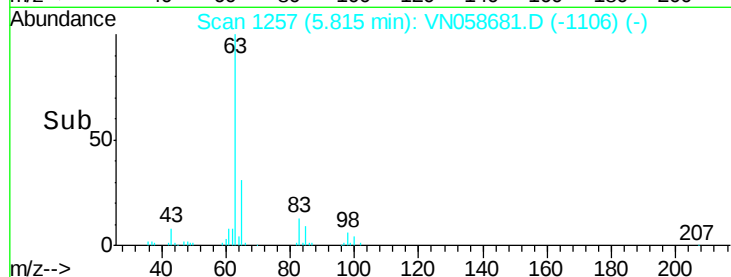
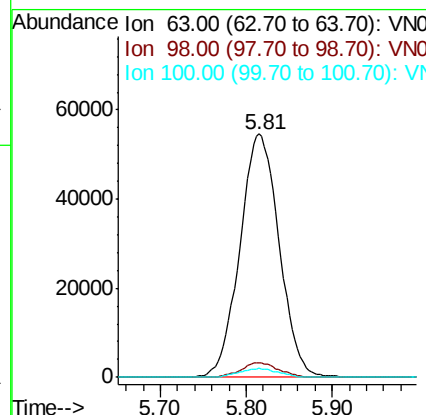
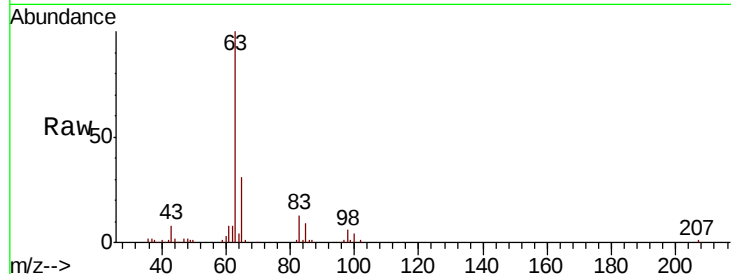
#21
 1,1-Dichloroethane
 Concen: 21.418 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	5.7	2.9	8.6	
100	3.6	1.8	5.5	

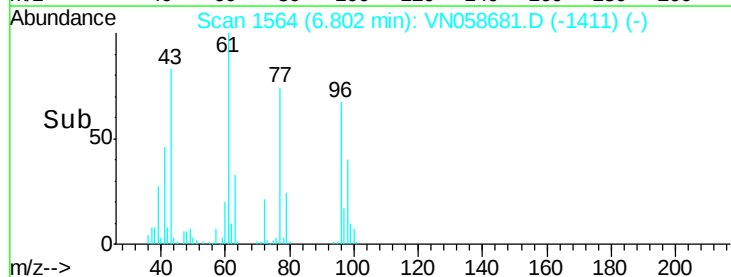
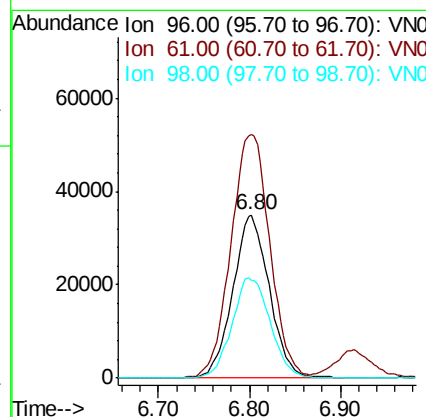
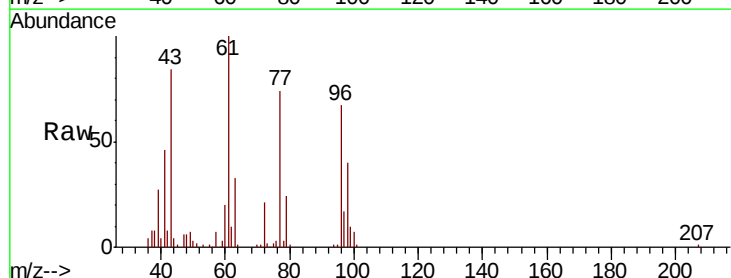
Manual Integrations
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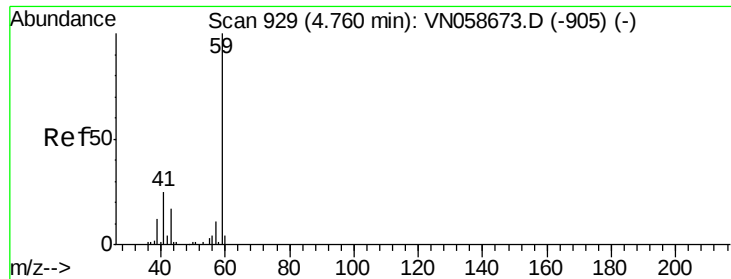
MMDadoda
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#22
 cis-1,2-Dichloroethene
 Concen: 20.828 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	157.1	127.2	190.8	
98	64.0	50.5	75.7	





#23

tert-Butyl Alcohol

Concen: 52.025 ug/l m

RT: 4.84 min Scan# 955

Delta R.T. 0.08 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBS01

Tot Ion: 59 Resp: 48372

Ion Ratio Lower Upper

59 100

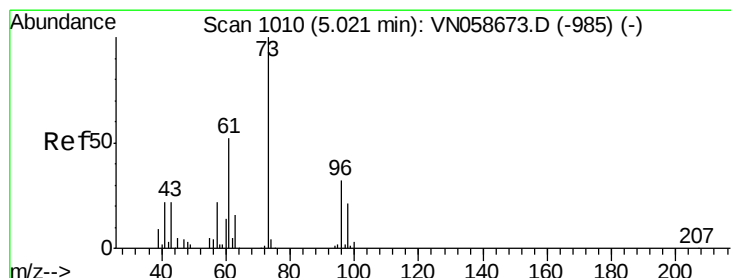
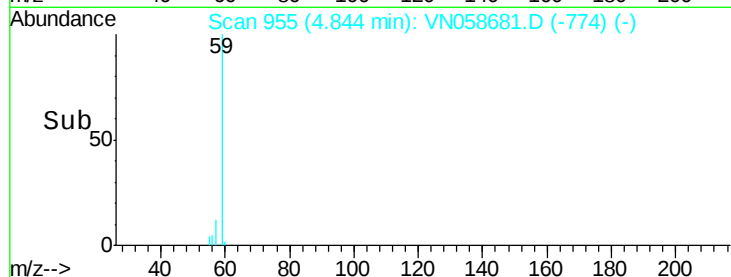
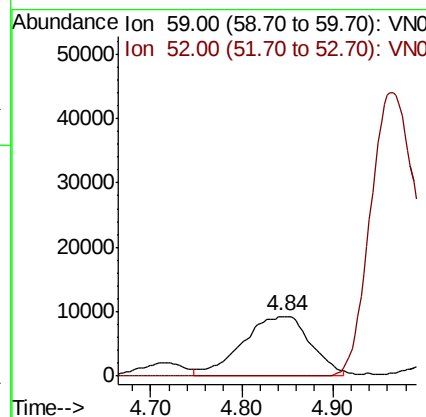
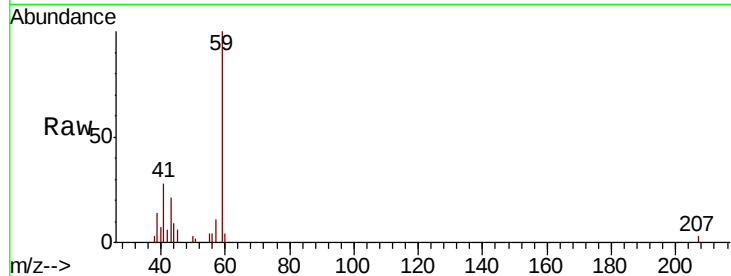
52 0.0 0.0 0.0

Manual Integrations

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#24

Methyl tert-Butyl Ether

Concen: 21.070 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN058681.D

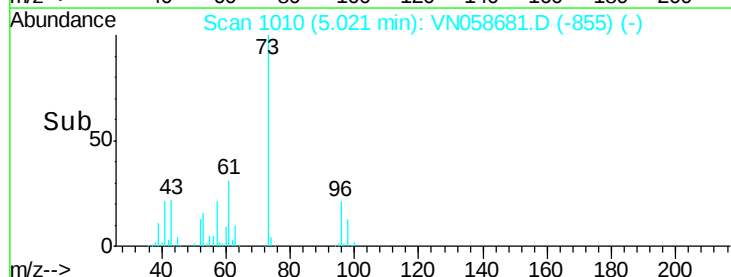
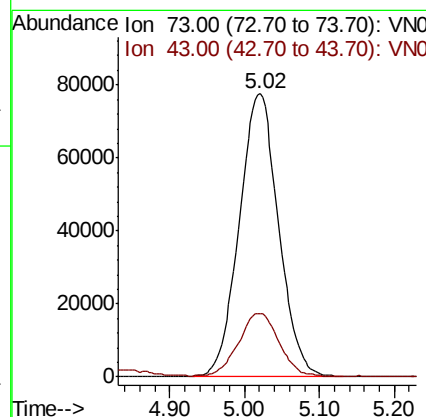
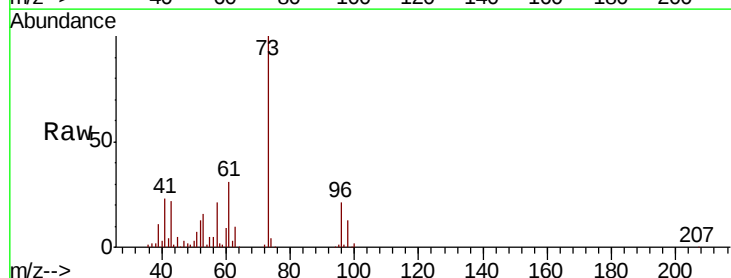
Acq: 10 Oct 2019 21:52

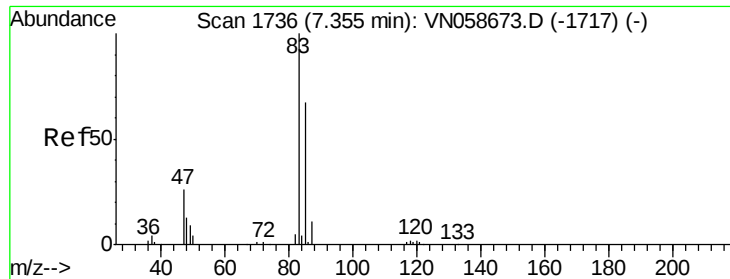
Tgt Ion: 73 Resp: 283438

Ion Ratio Lower Upper

73 100

43 22.6 17.9 26.9





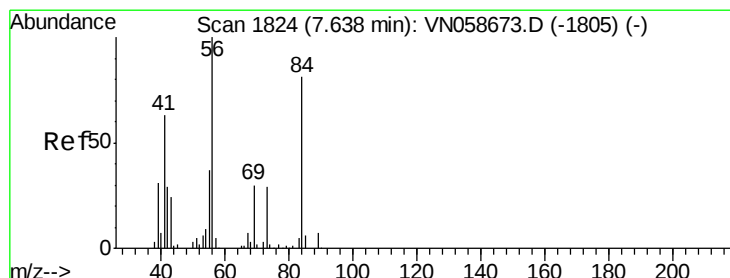
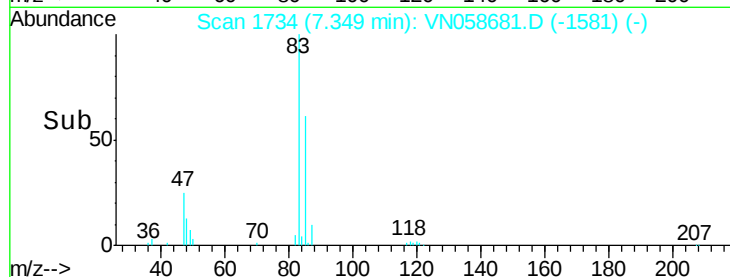
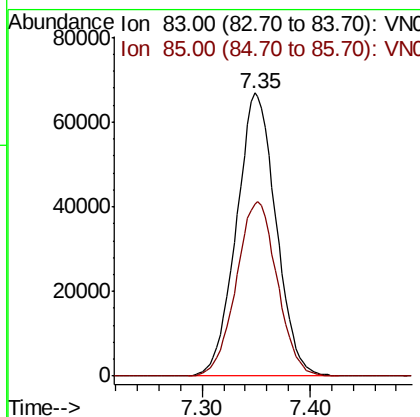
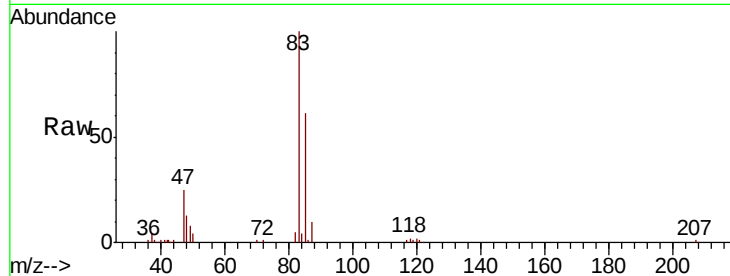
#25
Chloroform
Concen: 21.095 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.01 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	83	Resp	170352
Ion Ratio	100	Lower	Upper
83	100		
85	60.7	53.8	80.8

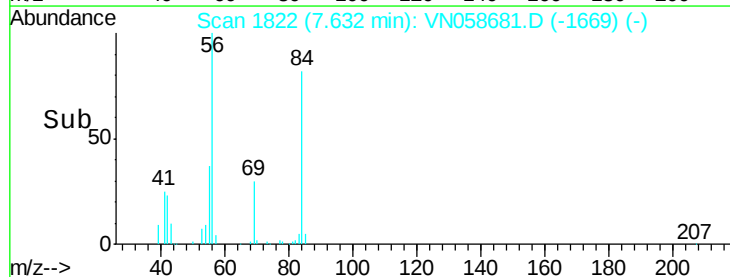
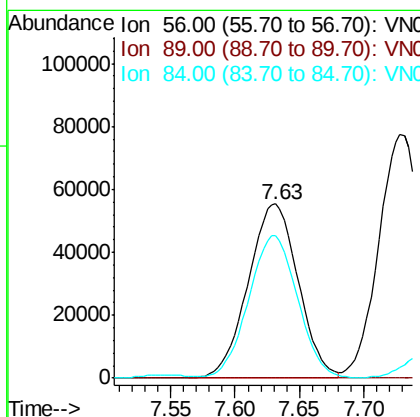
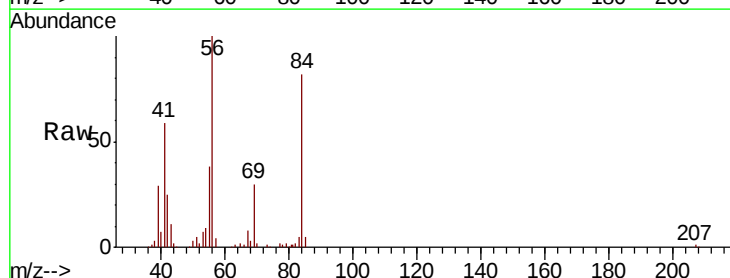
Manual Integrations
APPROVED

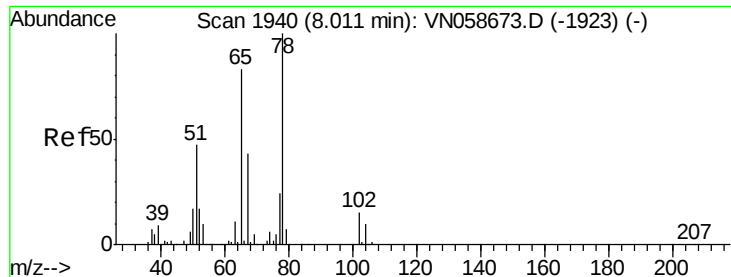
MMDadoda
10/11/2019 2:47:16 PM



#26
Cyclohexane
Concen: 21.023 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	56	Resp	149410
Ion Ratio	100	Lower	Upper
56	100		
89	0.1	6.2	9.2#
84	79.5	65.6	98.4





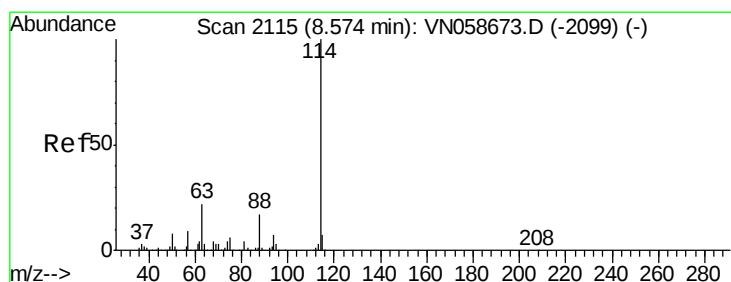
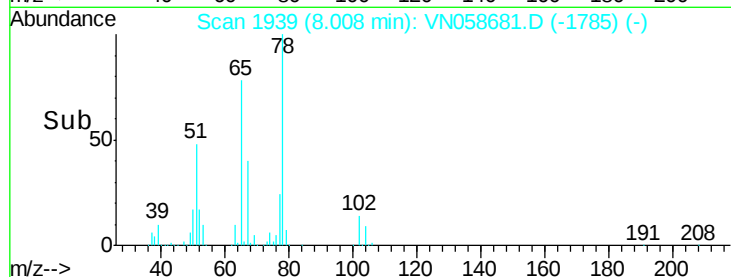
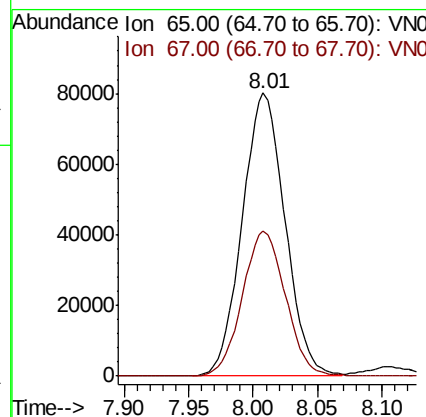
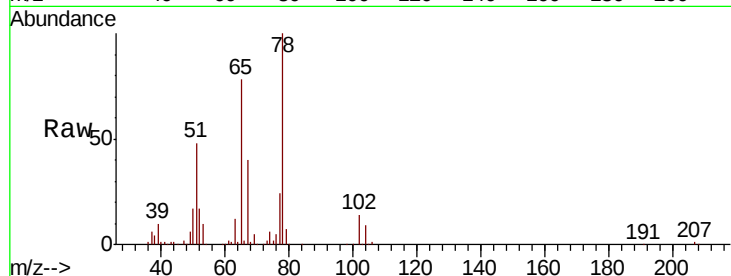
#27
 1,2-Dichloroethane-d4
 Concen: 31.687 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	41.5	62.3

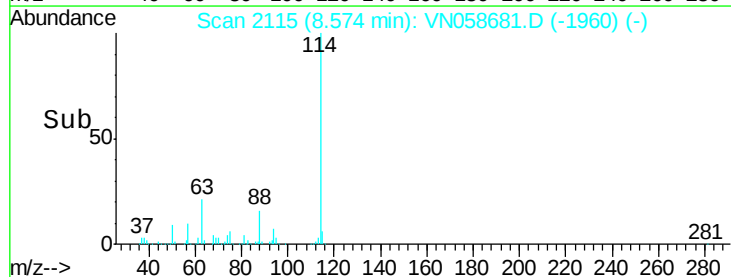
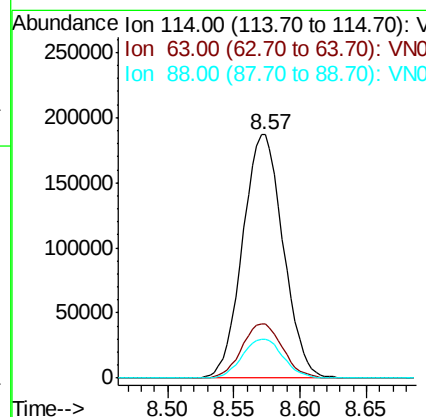
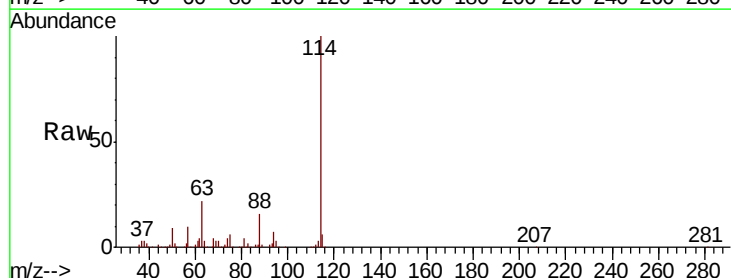
Manual Integrations
 APPROVED

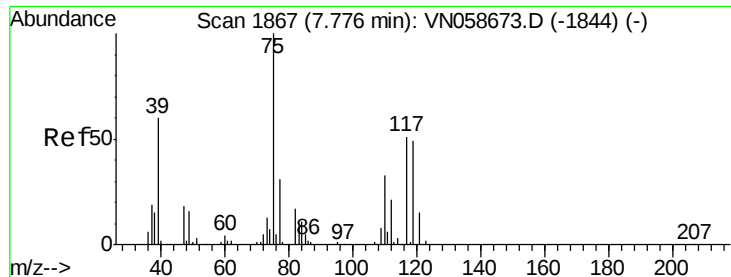
MMDadoda
 10/11/2019 2:47:16 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.5	18.1	27.1
88	16.3	13.0	19.4





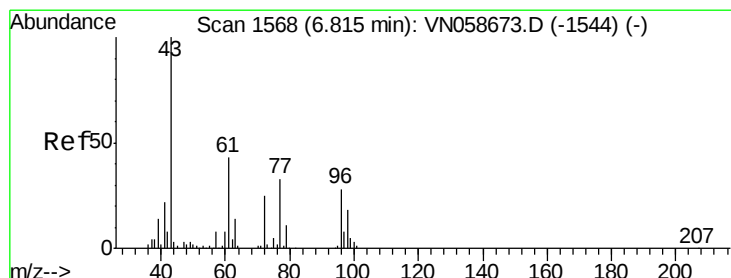
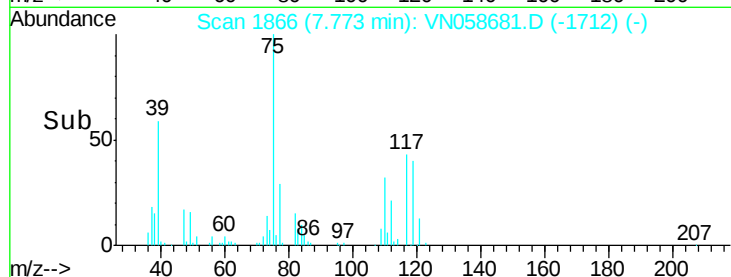
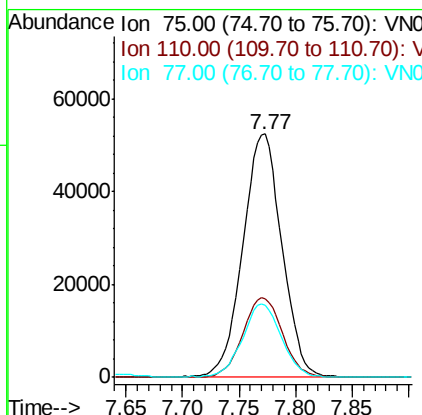
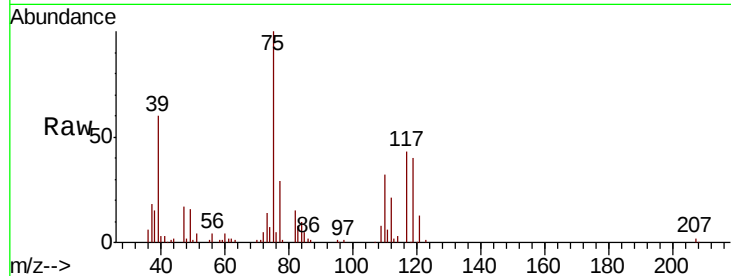
#29
 1,1-Dichloropropene
 Concen: 20.133 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.0	0.0	64.6
77	30.1	0.0	60.8

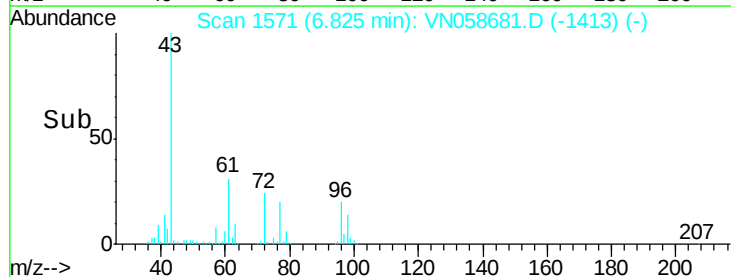
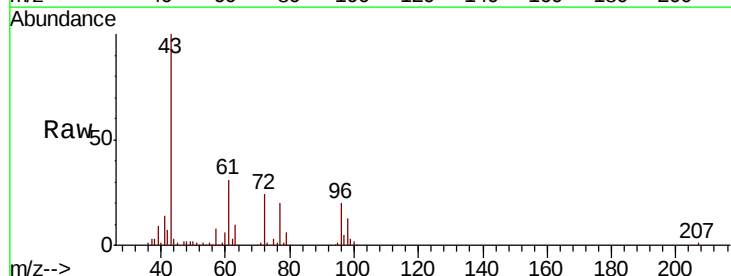
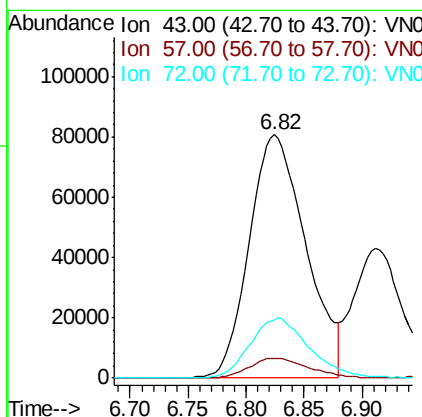
Manual Integrations
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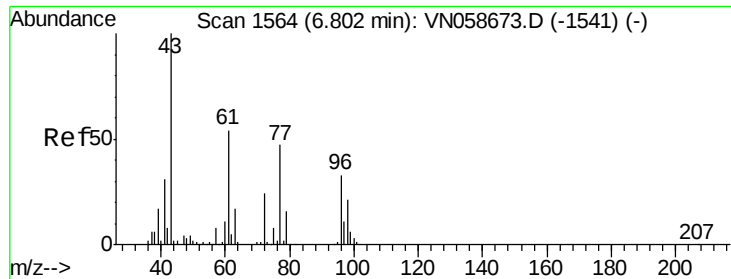
MMDadoda
 10/11/2019 2:47:16 PM



#30
 2-Butanone
 Concen: 76.996 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.5	9.7
72	25.8	20.1	30.1





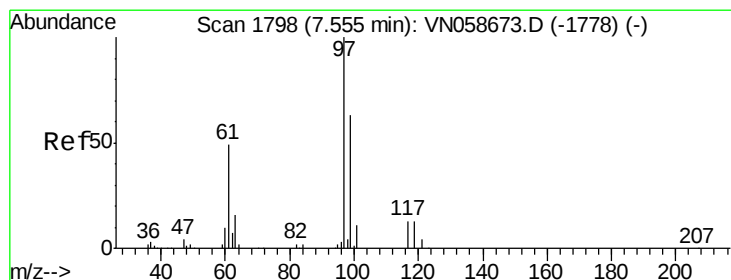
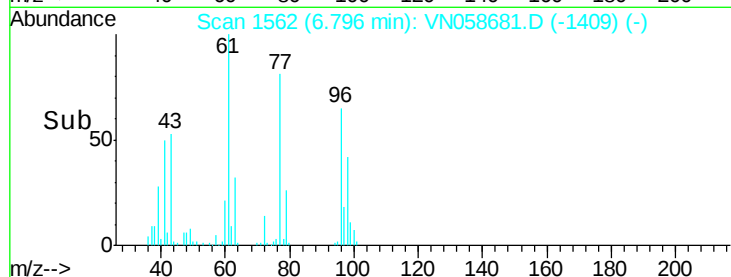
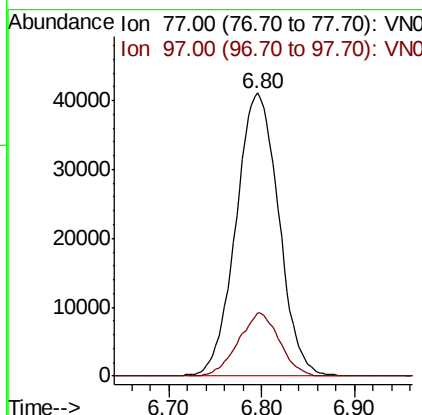
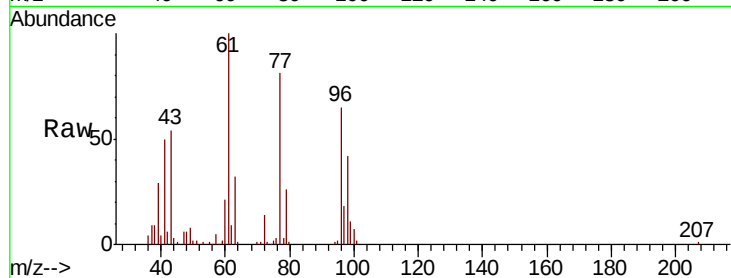
#31
 2,2-Dichloropropane
 Concen: 17.835 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBS01

Tot Ion	Ratio	Lower	Upper
77	100		
97	21.5	17.9	26.9

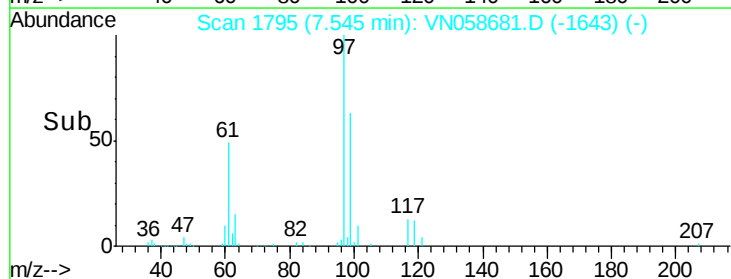
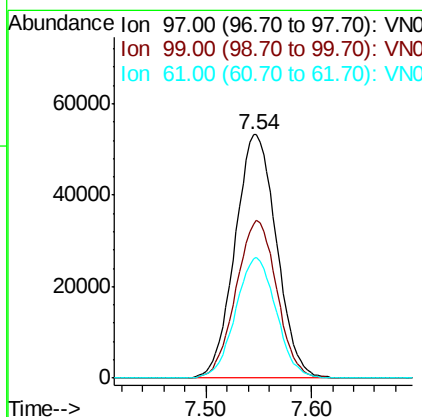
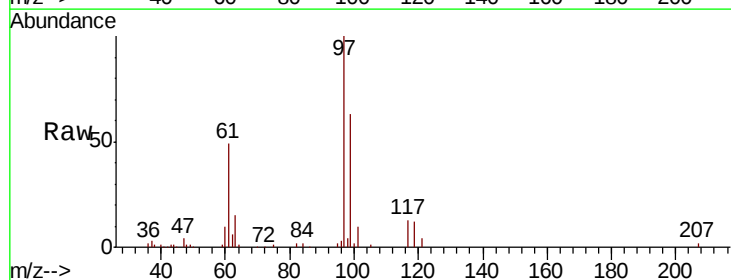
Manual Integrations
 APPROVED

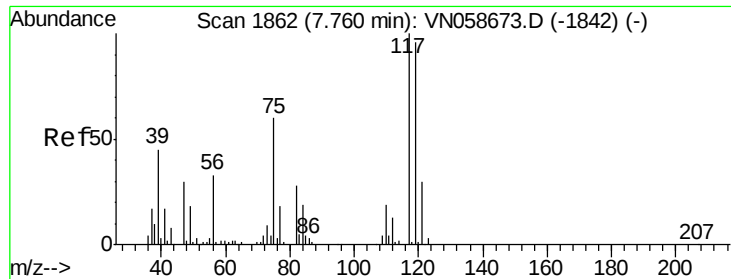
MMDadoda
 10/11/2019 2:47:16 PM



#32
 1,1,1-Trichloroethane
 Concen: 20.146 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.3	76.9
61	48.3	38.4	57.6





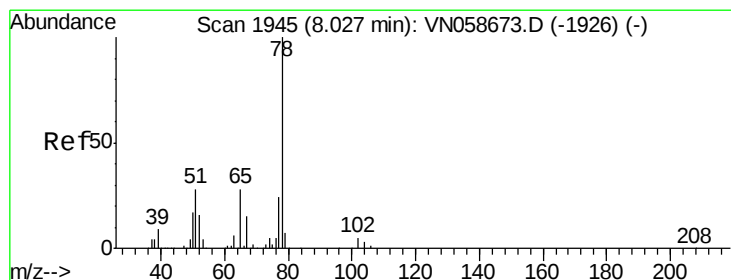
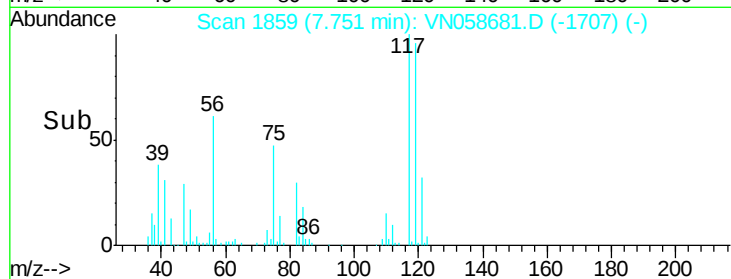
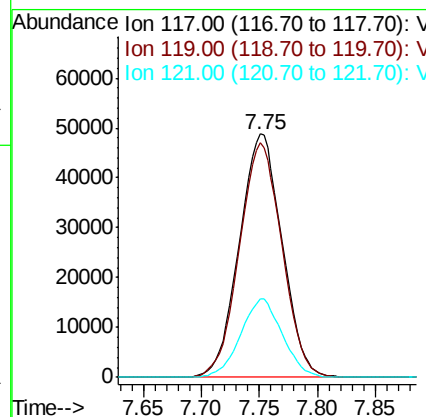
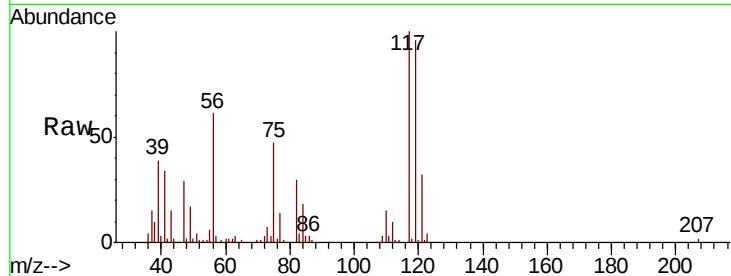
#33
Carbon Tetrachloride
Concen: 19.961 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.9	115.3
121	32.0	23.8	35.8

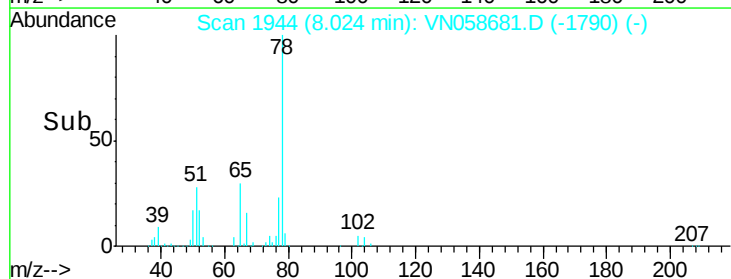
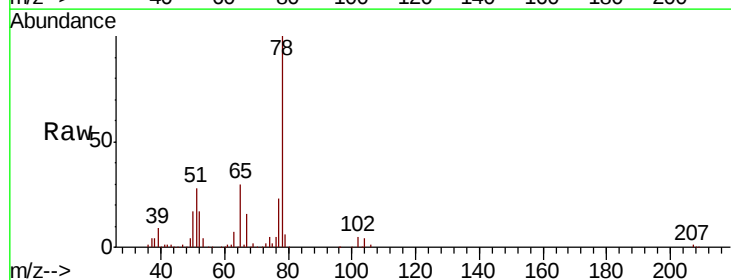
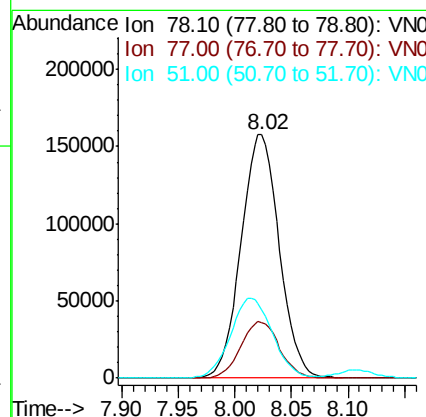
Manual Integrations
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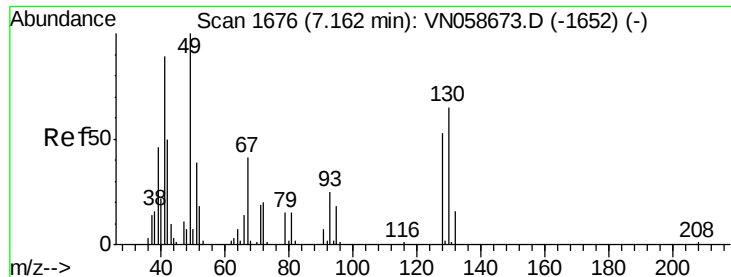
MMDadoda
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#34
Benzene
Concen: 20.134 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.2	28.8
51	28.0	22.1	33.1





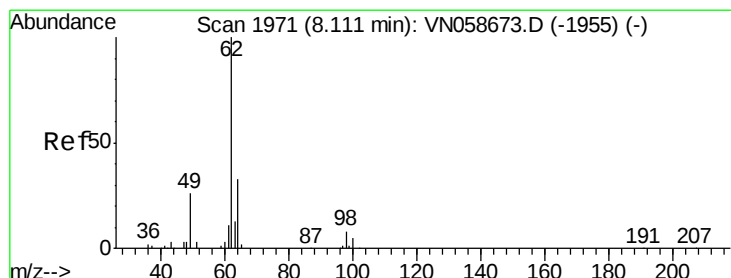
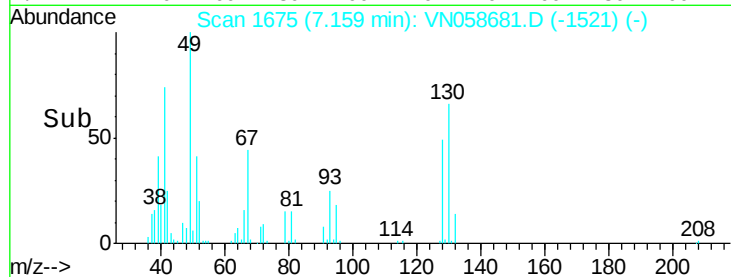
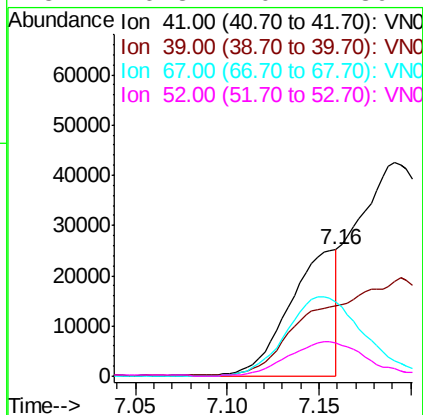
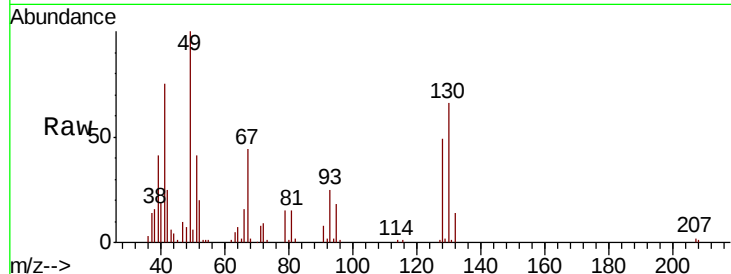
#35
Methacrylonitrile
Concen: 14.471 ug/l m
RT: 7.16 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	41	Resp	45230
Ion	Ratio	Lower	Upper
41	100		
39	55.4	25.8	77.4
67	59.0	23.0	69.0
52	26.3	10.1	30.1

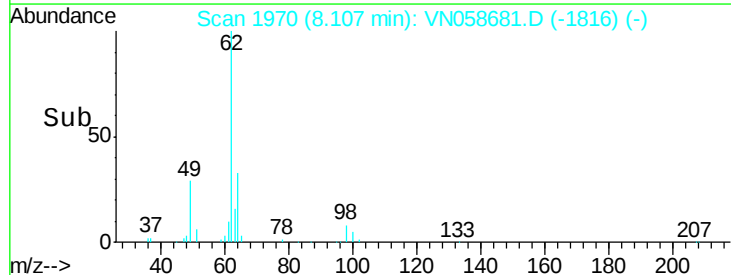
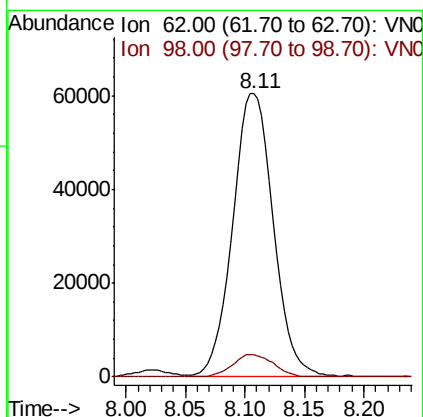
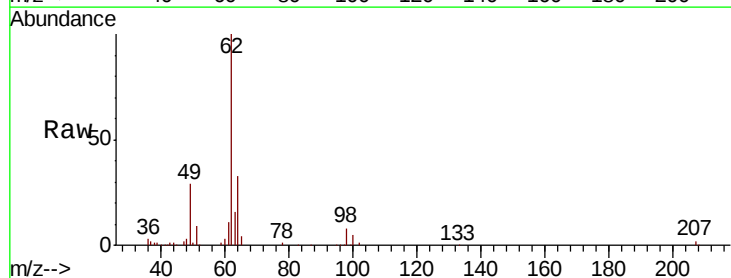
Manual Integrations
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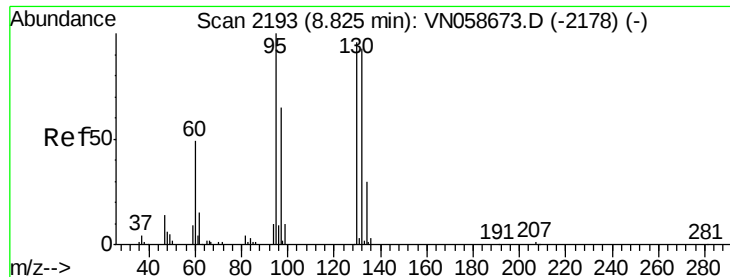
MMDadoda
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#36
1,2-Dichloroethane
Concen: 20.328 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	62	Resp	143267
Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.4	9.6





#37

Trichloroethene

Concen: 20.290 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBS01

Tot Ion:130 Resp: 91885

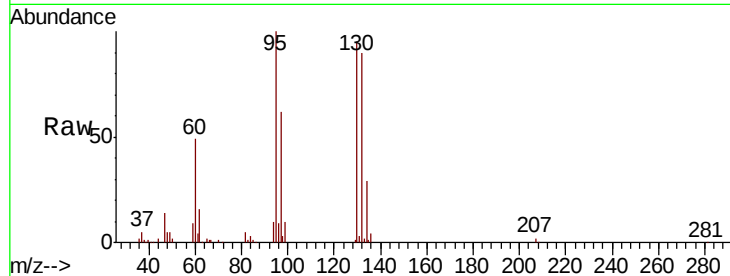
Ion Ratio Lower Upper

130 100

95 105.5 83.2 124.8

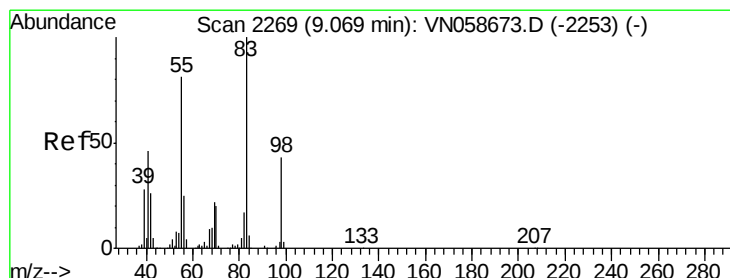
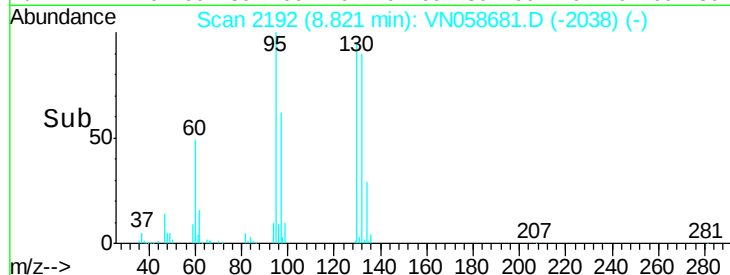
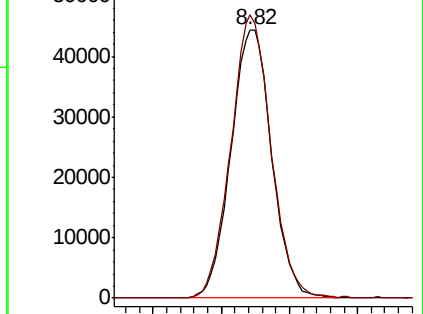
Manual Integrations
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 19.766 ug/l

RT: 9.07 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

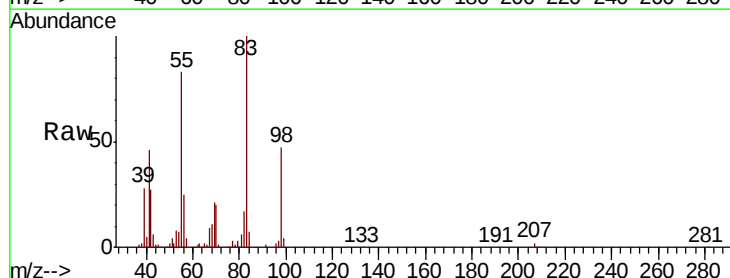
Tgt Ion: 83 Resp: 143493

Ion Ratio Lower Upper

83 100

55 80.4 40.4 121.1

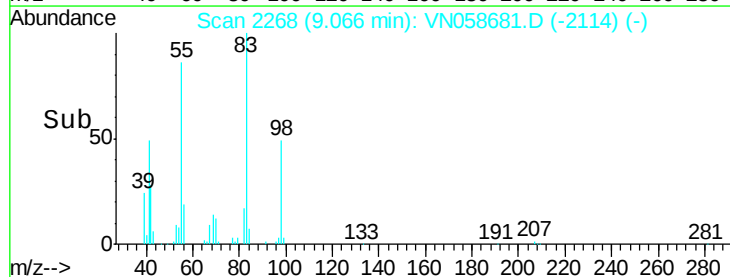
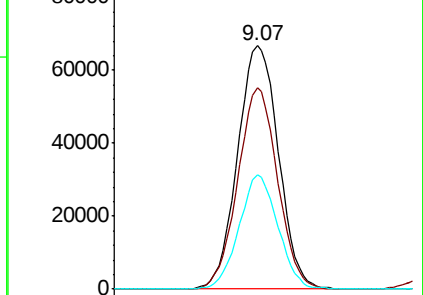
98 44.6 21.6 65.0

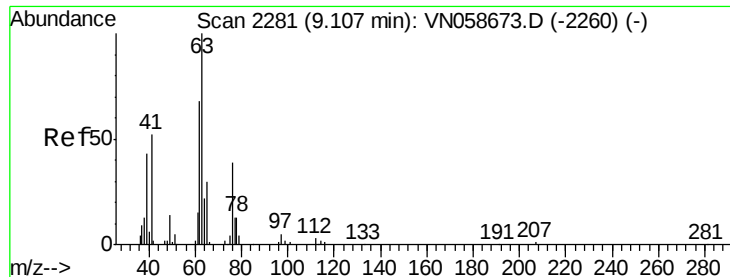


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN





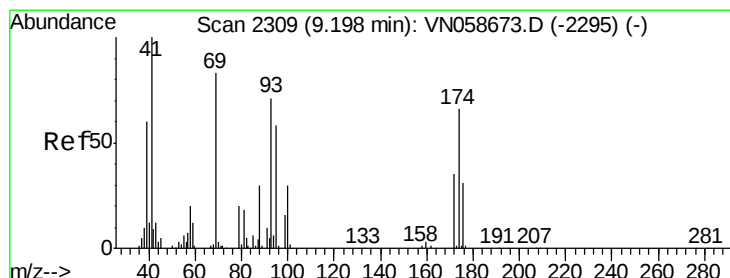
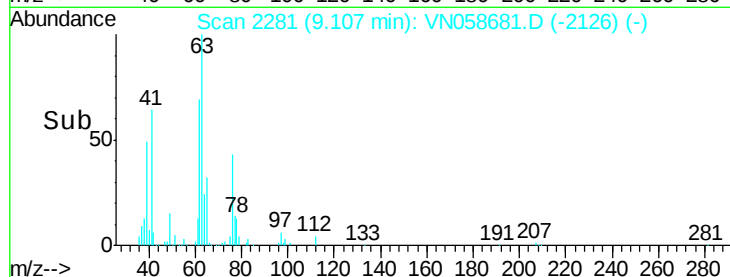
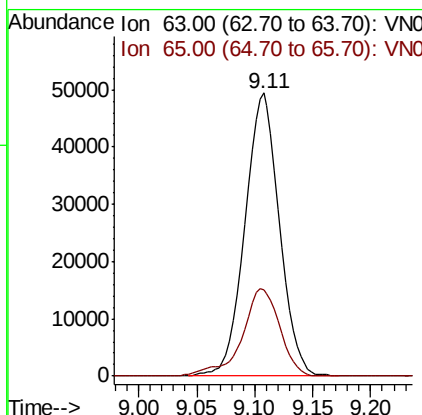
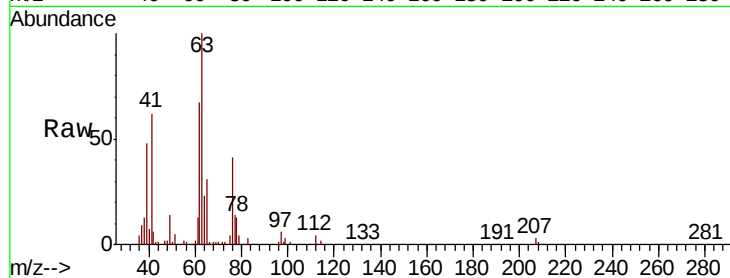
#39
 1,2-Dichloropropane
 Concen: 20.326 ug/l
 RT: 9.11 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.8	35.6

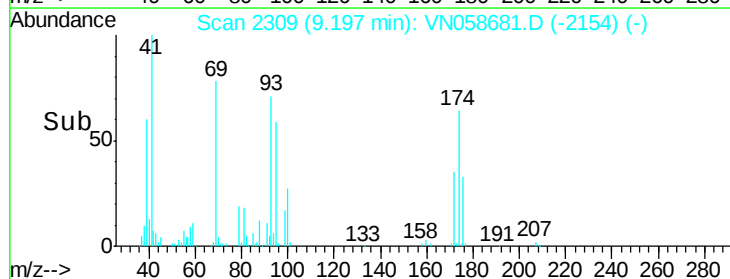
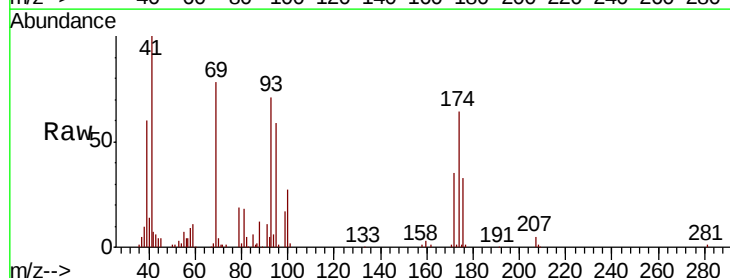
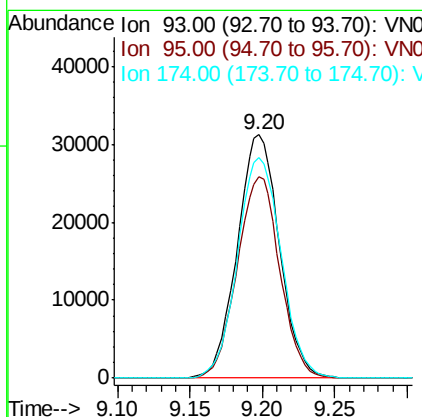
Manual Integrations
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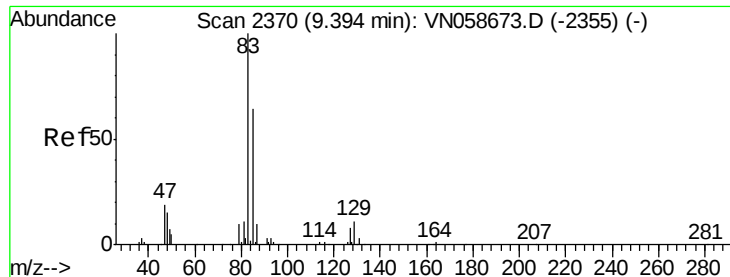
MMDadoda
 10/11/2019 2:47:16 PM



#40
 Dibromomethane
 Concen: 19.909 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	0.0	167.6
174	93.7	0.0	187.2





#41

Bromodichloromethane

Concen: 19.676 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Instrument :

MSVOA_N

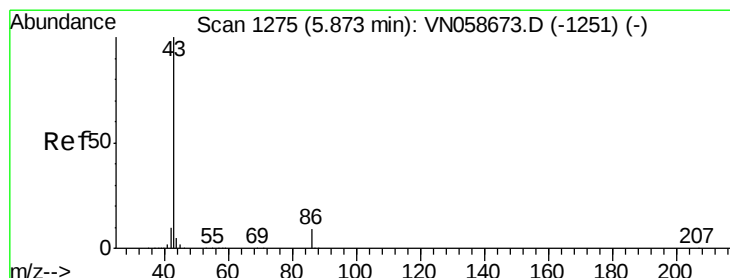
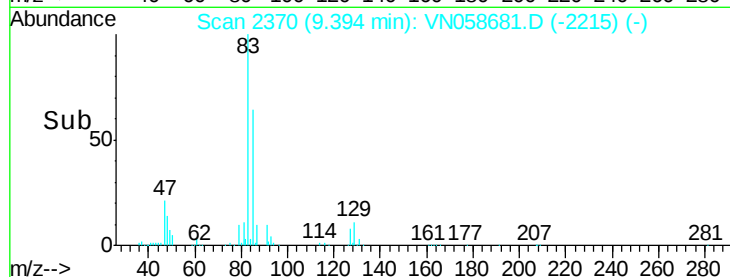
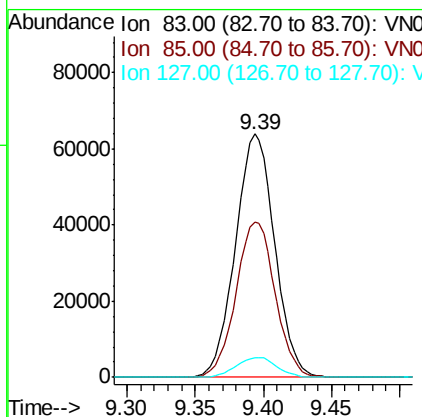
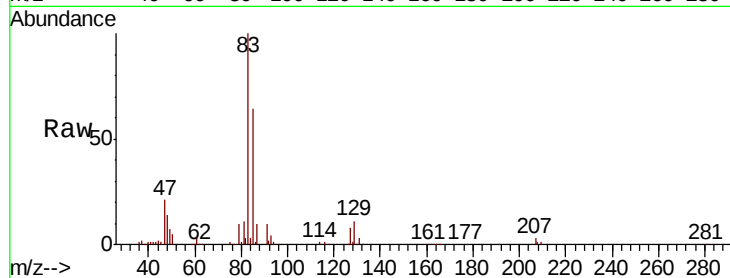
ClientSampleId :

VN1011WBS01

Tot Ion:	83	Resp:	127828
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.0	76.4
127	8.0	6.6	9.8

Manual Integrations
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10/11/2019 2:47:16 PM



#42

Vinyl Acetate

Concen: 100.776 ug/l

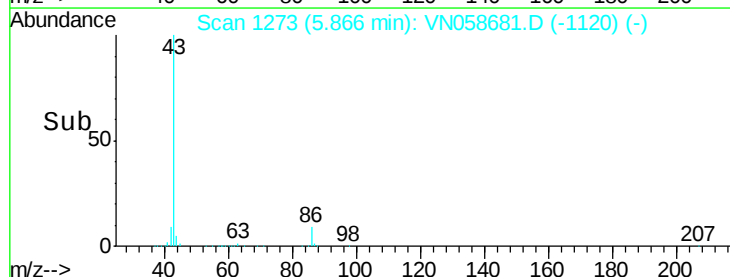
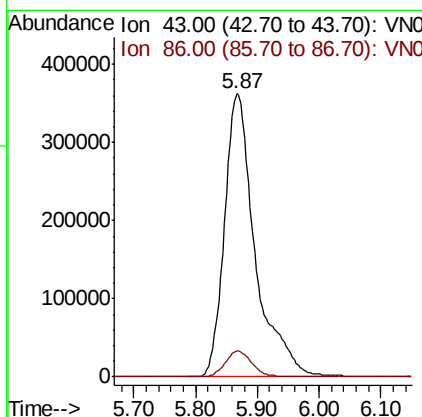
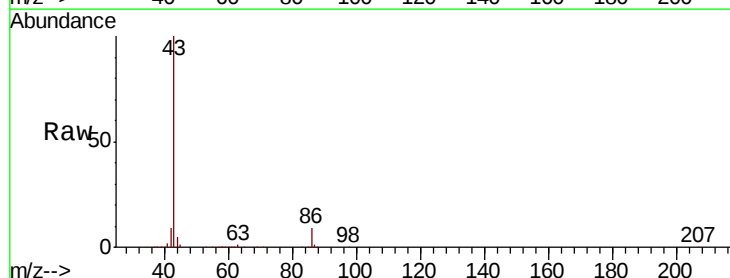
RT: 5.87 min Scan# 1273

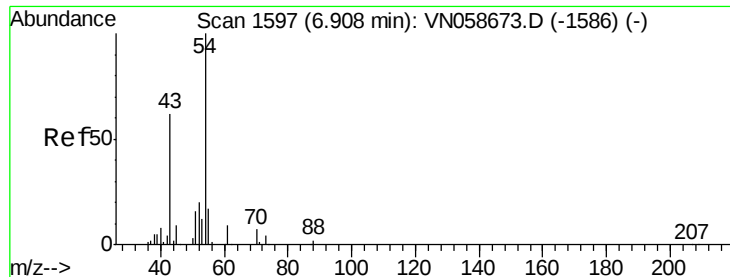
Delta R.T. -0.01 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Tgt Ion:	43	Resp:	1248783
Ion Ratio	Lower	Upper	
43	100		
86	8.0	6.5	9.7





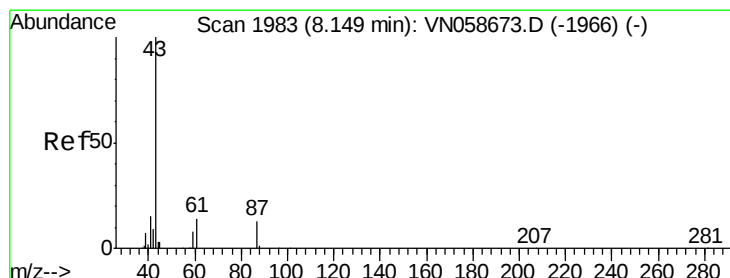
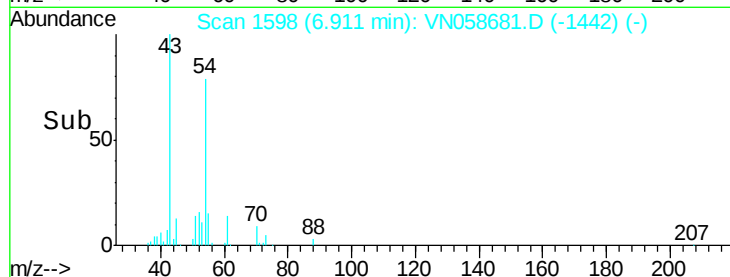
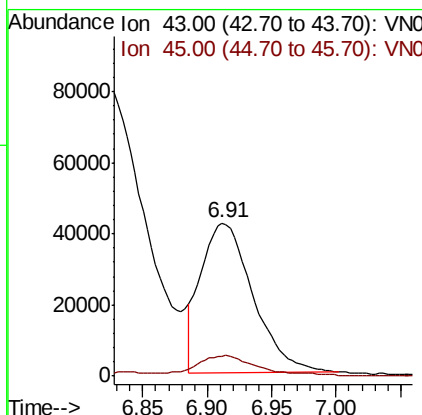
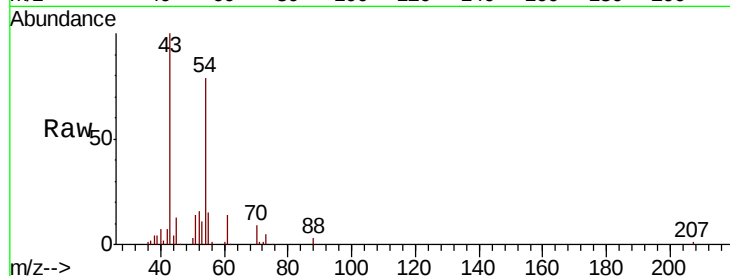
#43
Ethyl Acetate
Concen: 17.147 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion: 43 Resp: 119080
Ion Ratio Lower Upper
43 100
45 14.1 9.7 14.5

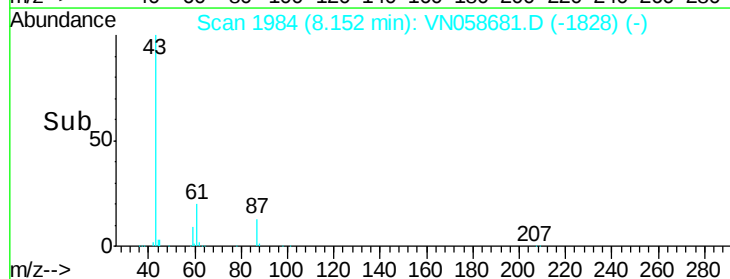
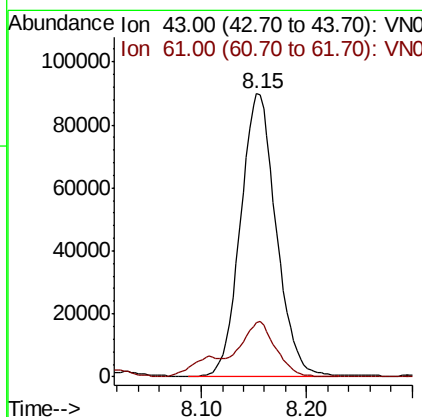
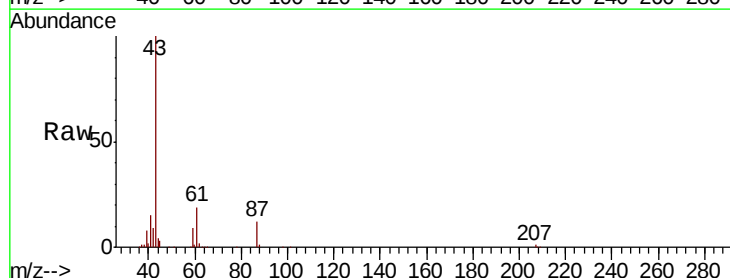
Manual Integrations
APPROVED

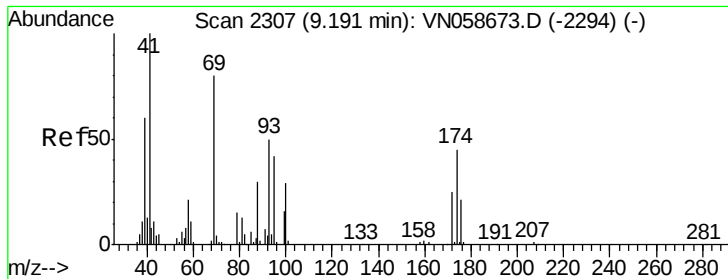
MMDadoda
10/11/2019 2:47:16 PM



#44
Isopropyl Acetate
Concen: 18.831 ug/l
RT: 8.15 min Scan# 1984
Delta R.T. 0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion: 43 Resp: 211830
Ion Ratio Lower Upper
43 100
61 18.5 19.9 29.9#





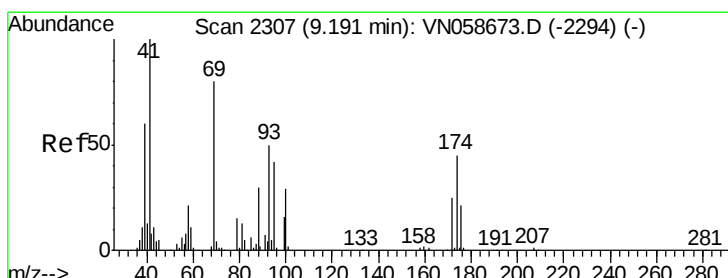
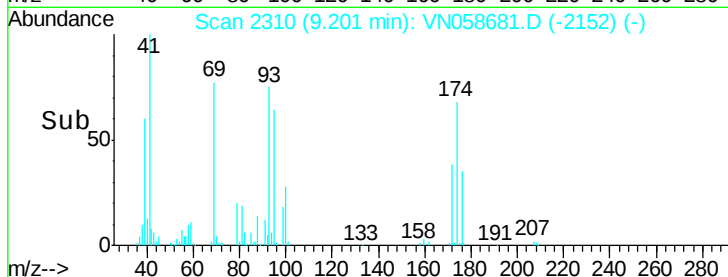
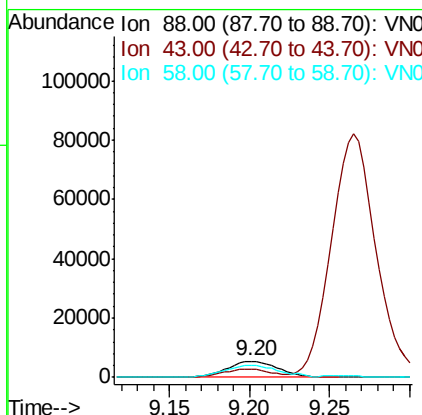
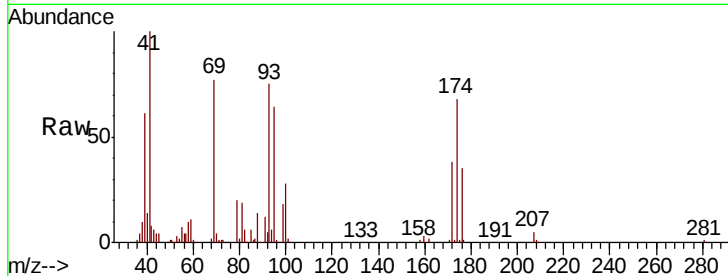
#45
1,4-Dioxane
Concen: 139.596 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.01 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.8	29.8	44.8
58	73.4	58.2	87.4

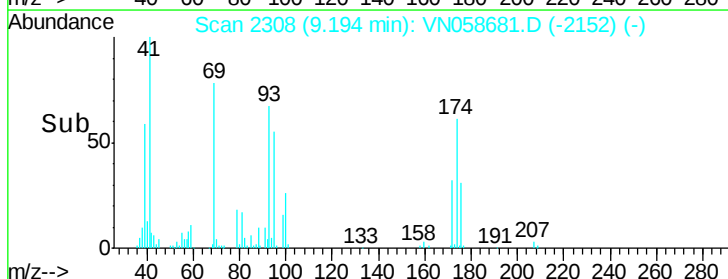
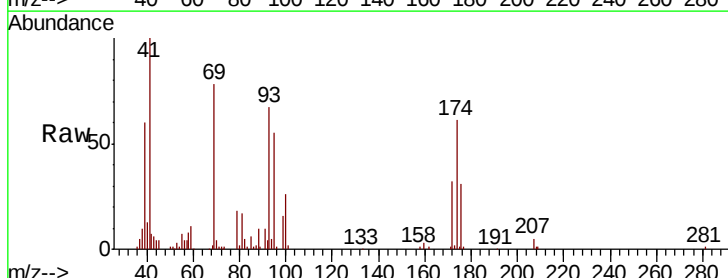
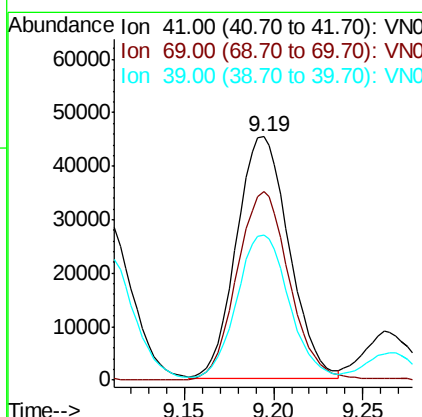
Manual Integrations
APPROVED

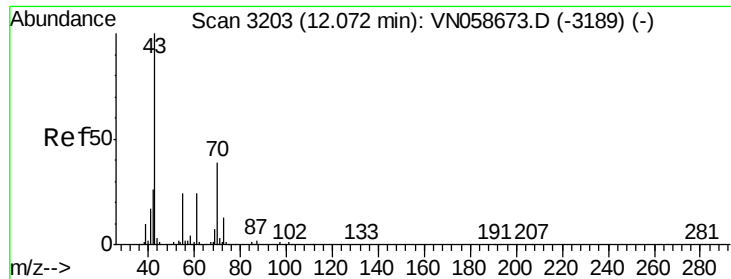
MMDadoda
10/11/2019 2:47:16 PM



#46
Methyl methacrylate
Concen: 18.098 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. 0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.8	40.2	120.5
39	59.3	29.9	89.8





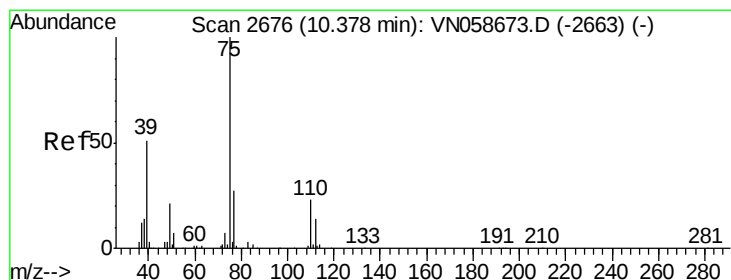
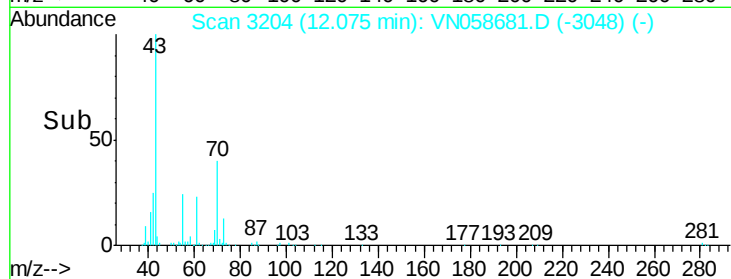
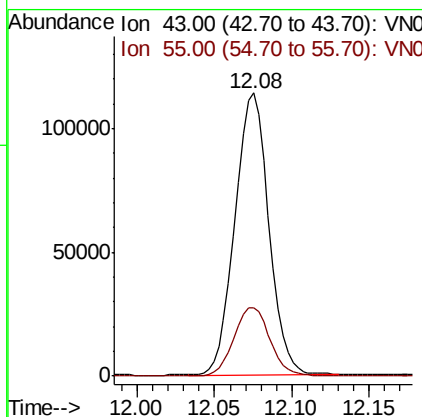
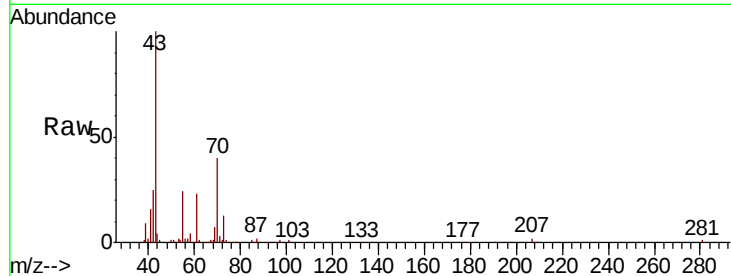
#47
n-amvl Acetate
Concen: 17.417 ug/l
RT: 12.08 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
55	25.8	19.6	29.4

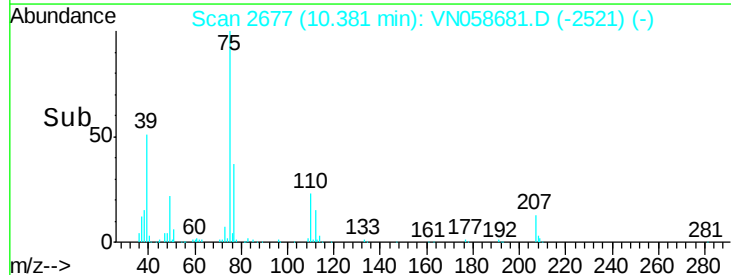
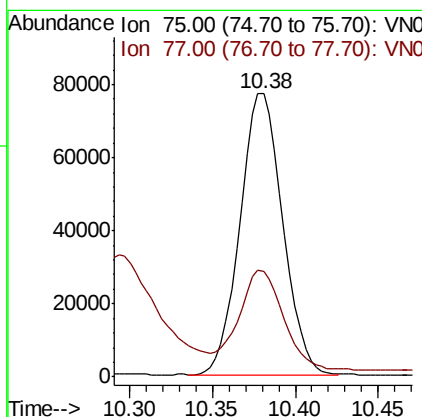
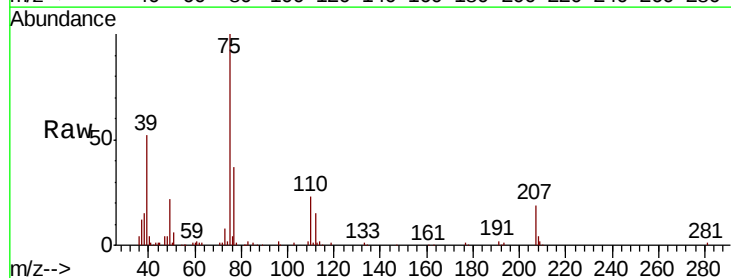
Manual Integrations
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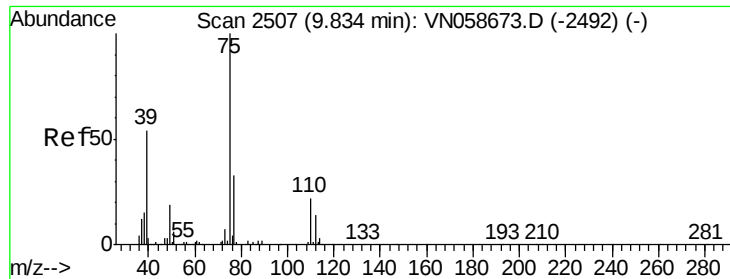
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 18.323 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.8	27.0	40.4





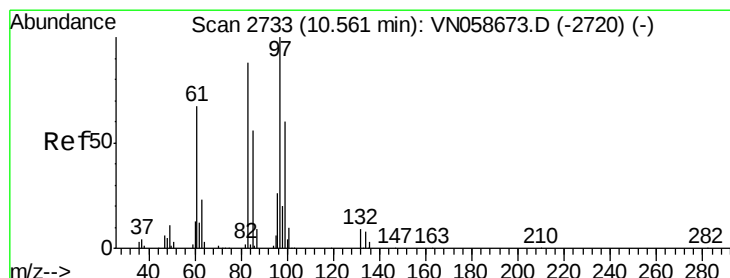
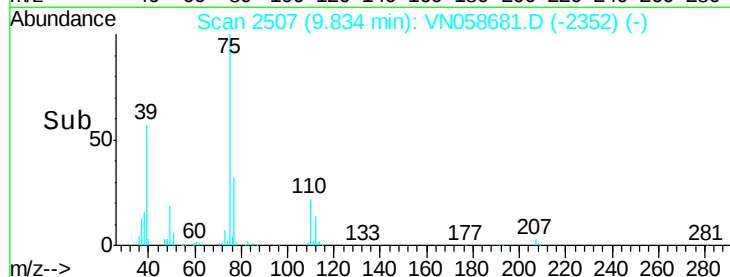
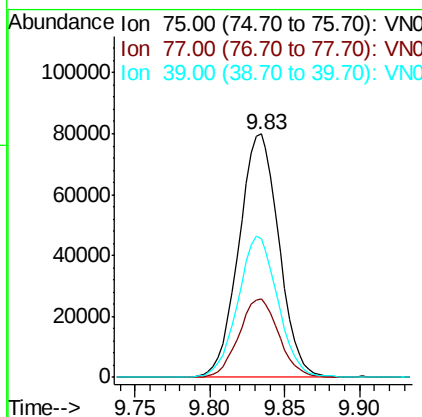
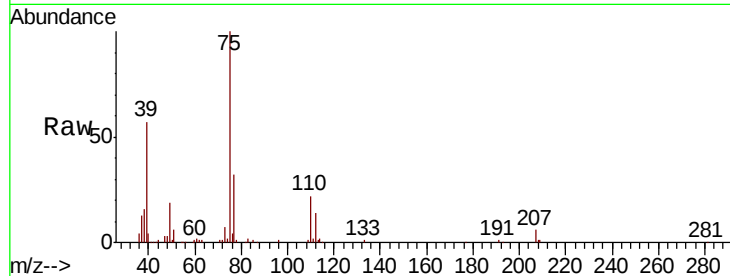
#49
 cis-1,3-Dichloropropene
 Concen: 18.859 ug/l
 RT: 9.83 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBS01

Tot Ion:	75	Resp:	149212
Ion Ratio	Lower	Upper	
75	100		
77	32.0	26.1	39.1
39	56.9	43.1	64.7

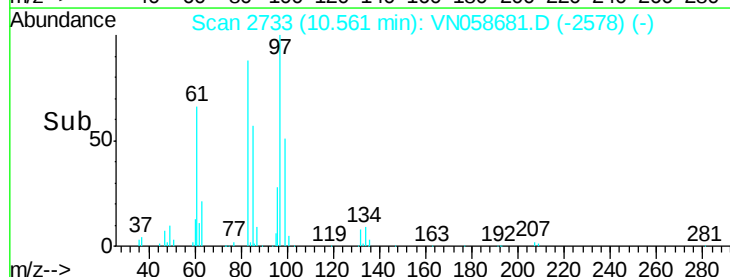
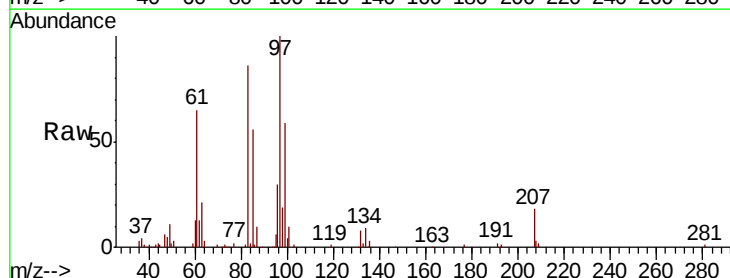
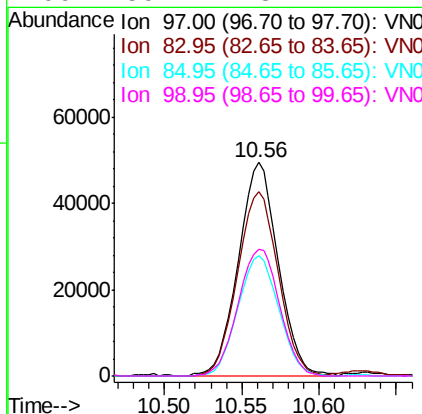
Manual Integrations
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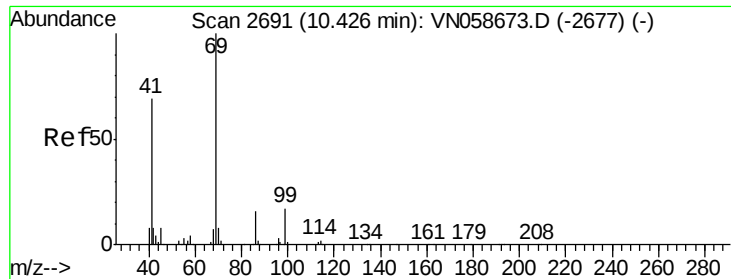
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#50
 1,1,2-Trichloroethane
 Concen: 19.578 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Tgt Ion:	97	Resp:	88880
Ion Ratio	Lower	Upper	
97	100		
83	86.2	70.7	106.1
85	56.2	45.1	67.7
99	59.1	48.2	72.4





#51

Ethyl methacrylate

Concen: 17.551 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Instrument :

MSVOA_N

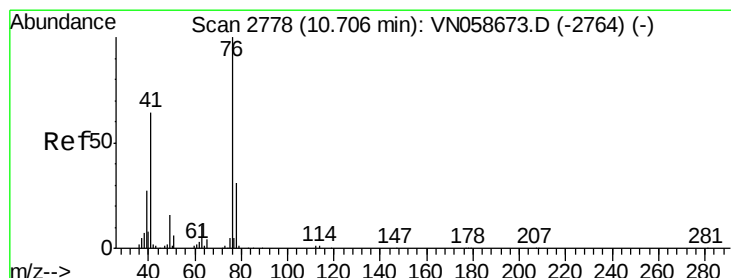
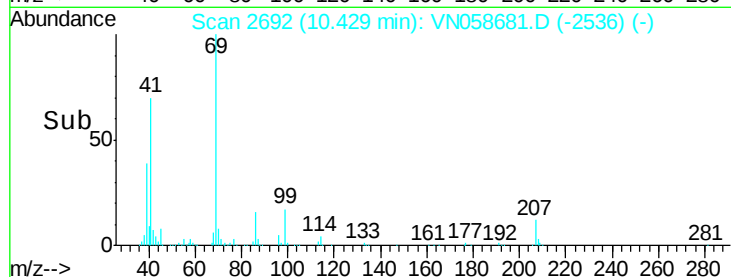
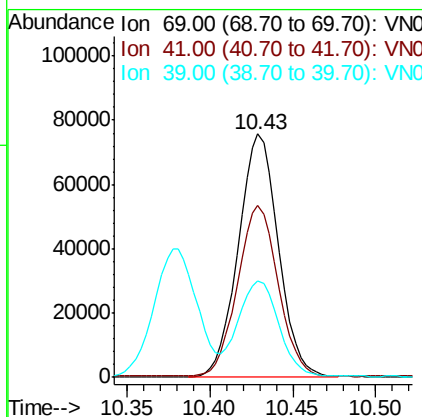
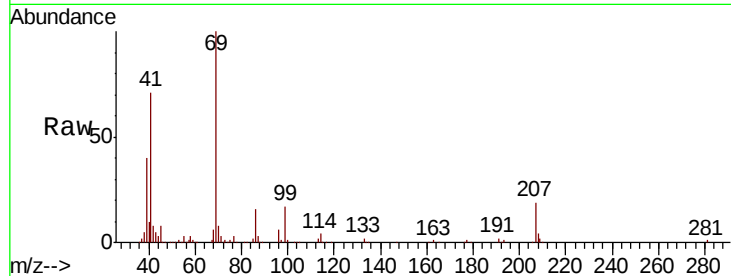
ClientSampleId :

VN1011WBS01

Tot Ion:	69	Resp:	127404
Ion Ratio	Lower	Upper	
69	100		
41	69.9	34.7	104.1
39	39.0	20.3	60.8

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.318 ug/l

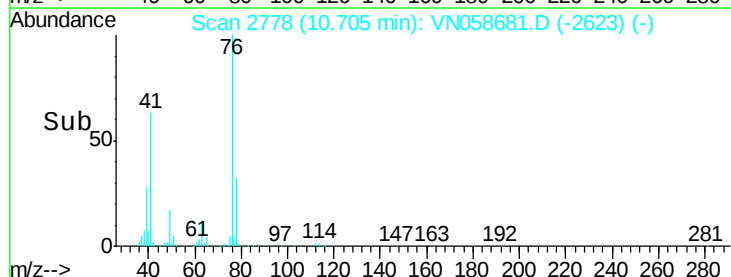
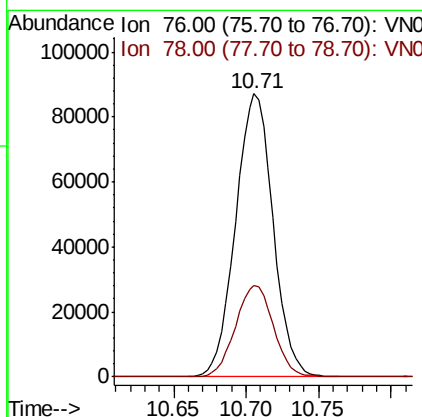
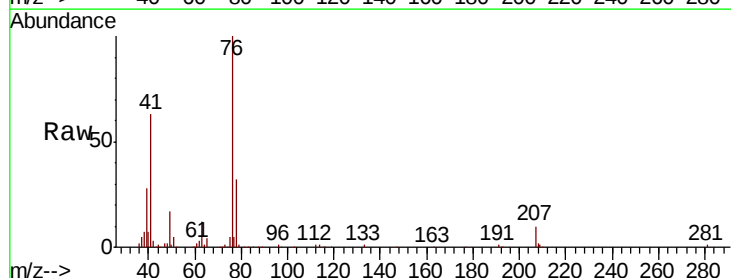
RT: 10.71 min Scan# 2778

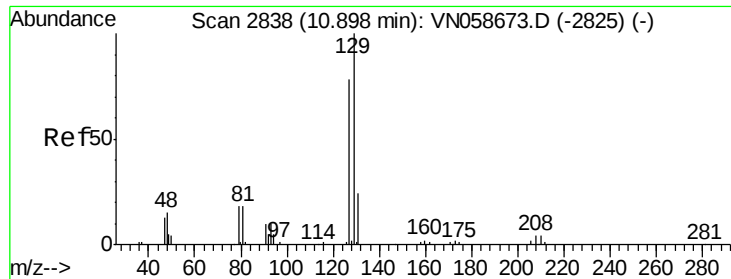
Delta R.T. -0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Tgt Ion:	76	Resp:	156179
Ion Ratio	Lower	Upper	
76	100		
78	32.9	0.0	63.2





#53

Dibromochloromethane

Concen: 18.329 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBS01

Tot Ion:129 Resp: 89300

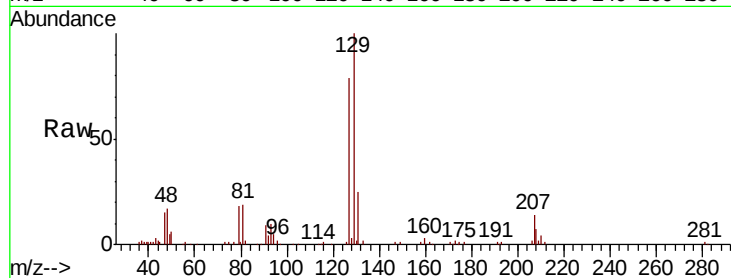
Ion Ratio Lower Upper

129 100

127 77.4 39.1 117.5

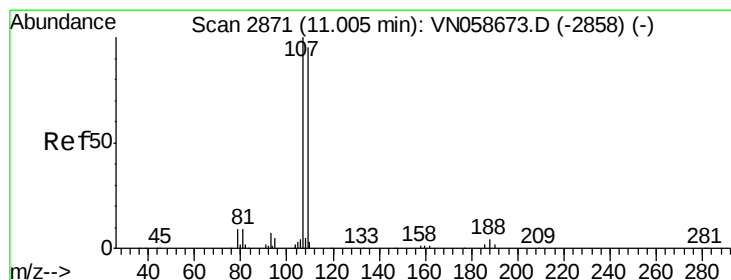
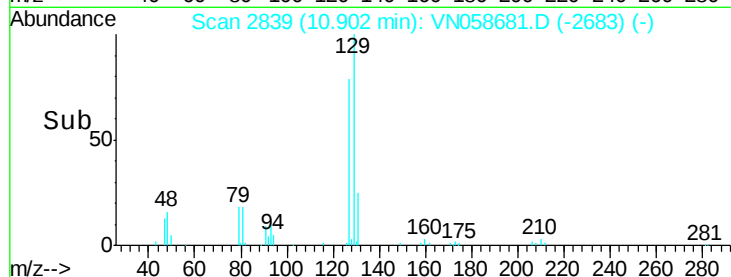
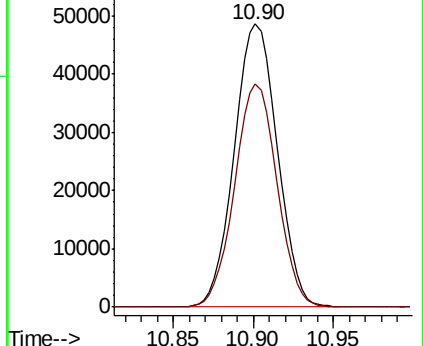
Manual Integrations
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.224 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN058681.D

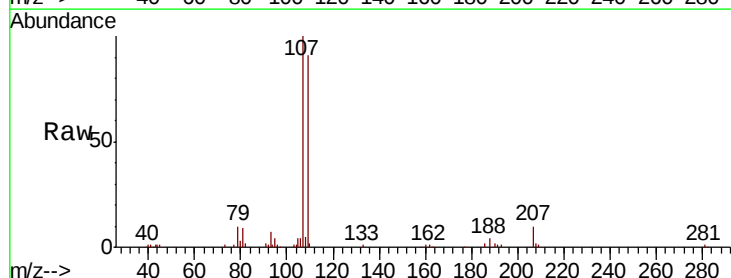
Acq: 10 Oct 2019 21:52

Tgt Ion:107 Resp: 90458

Ion Ratio Lower Upper

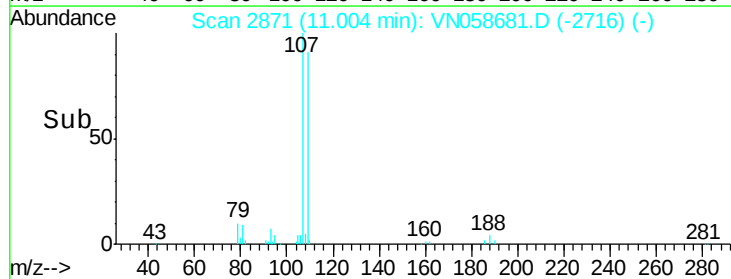
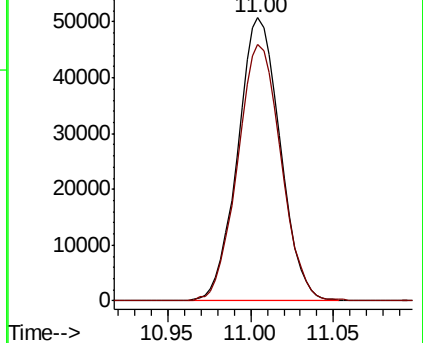
107 100

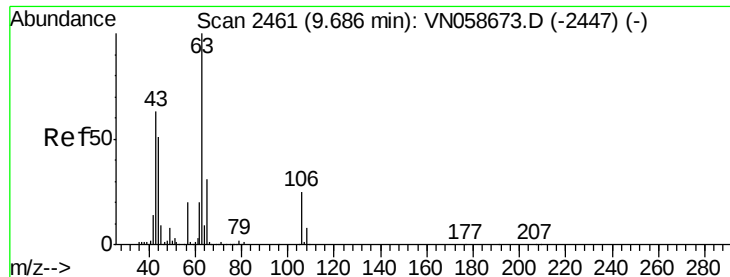
109 92.6 76.2 114.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





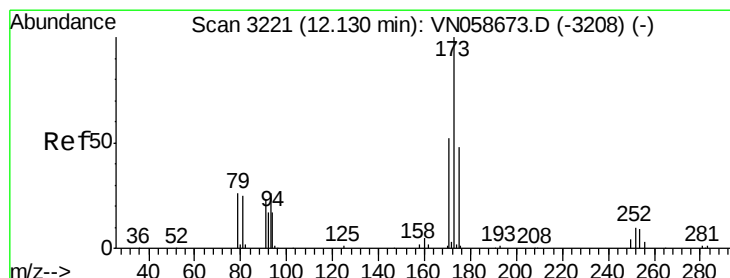
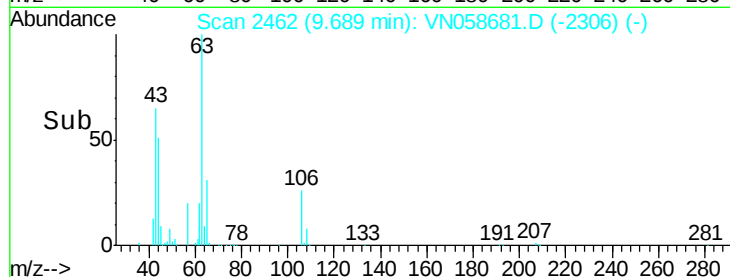
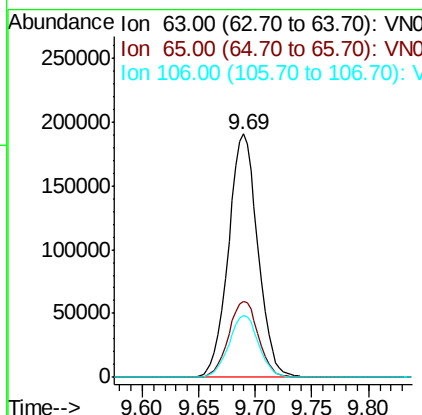
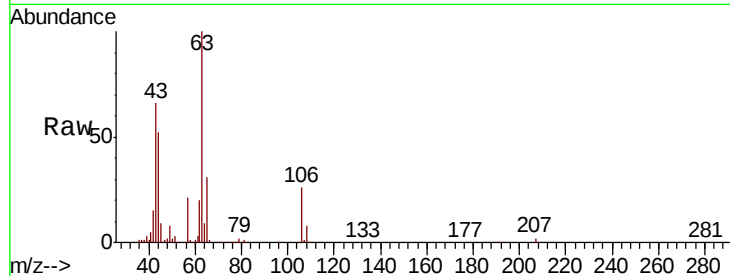
#55
2-Chloroethyl vinyl ether
Concen: 95.455 ug/l
RT: 9.69 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.3	37.9
106	25.6	19.8	29.6

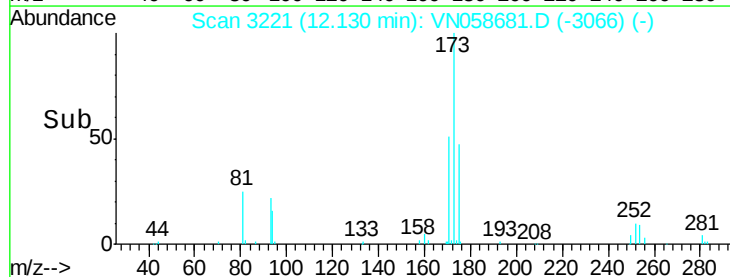
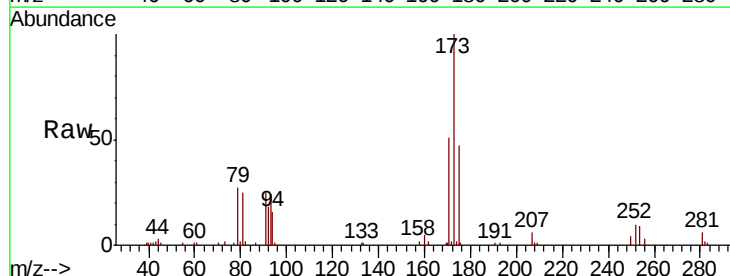
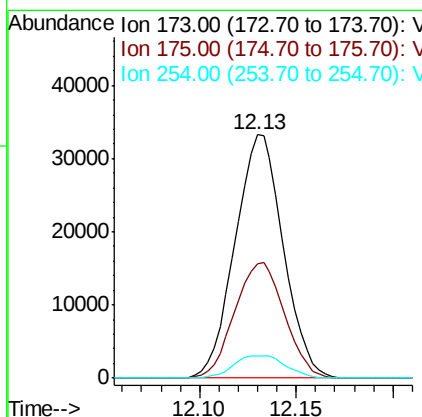
Manual Integrations
APPROVED

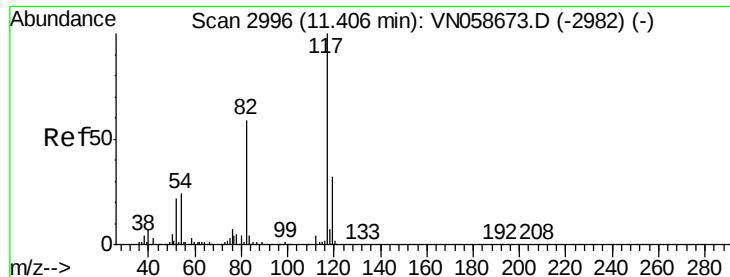
MMDadoda
10/11/2019 2:47:16 PM



#56
Bromoform
Concen: 16.953 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.7	58.1
254	10.0	7.4	11.2





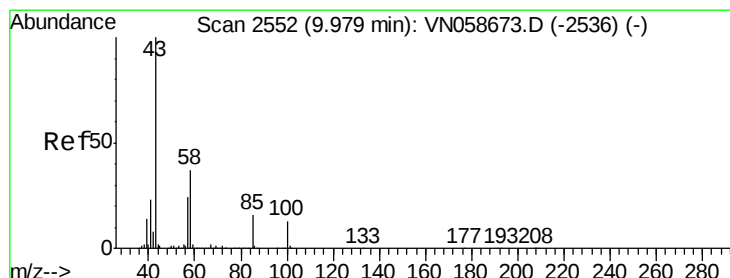
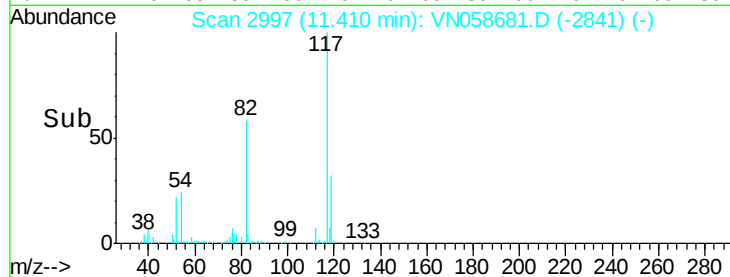
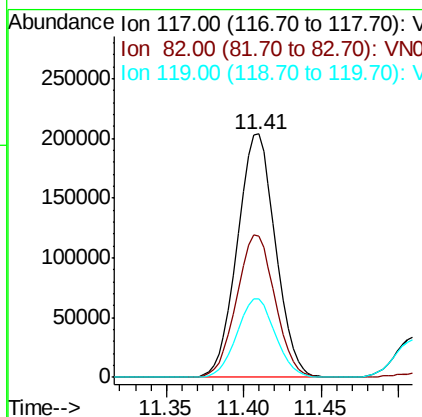
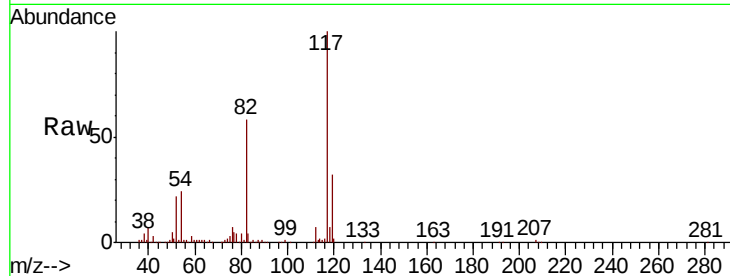
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	46.9	70.3
119	32.7	25.8	38.6

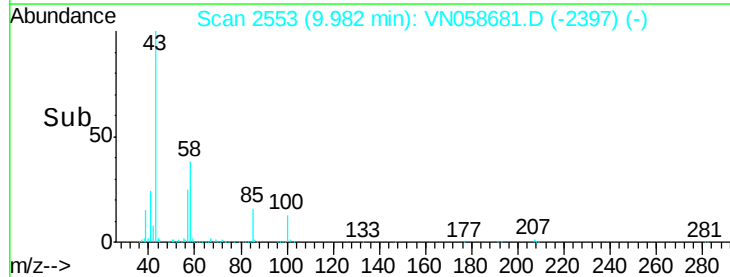
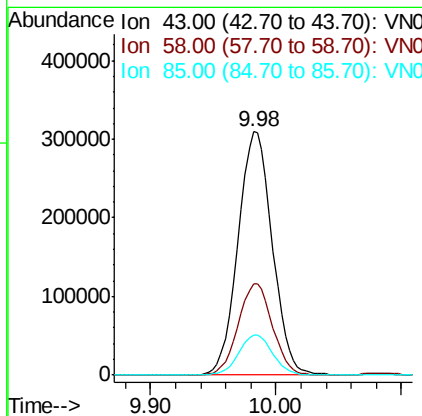
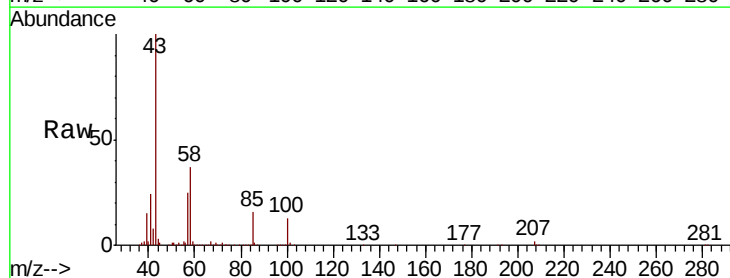
Manual Integrations
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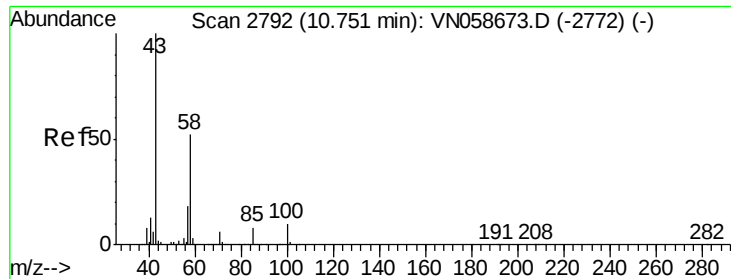
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#58
4-Methyl-2-Pentanone
Concen: 91.939 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.6	30.1	45.1
85	16.3	13.2	19.8





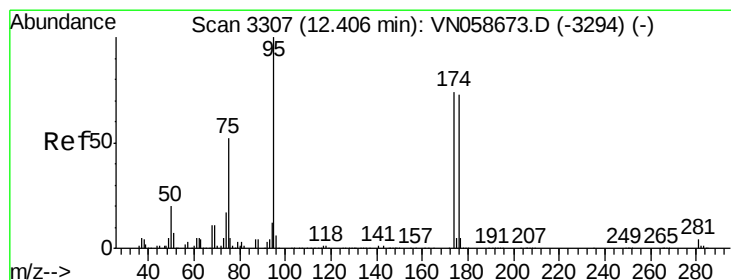
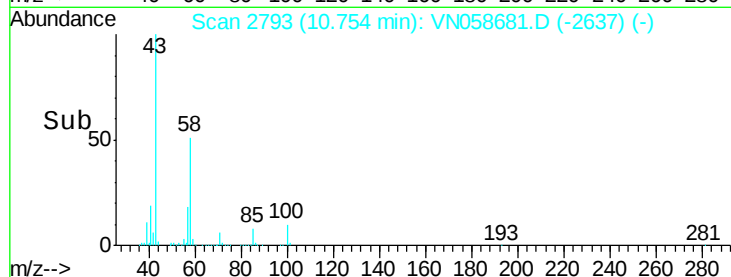
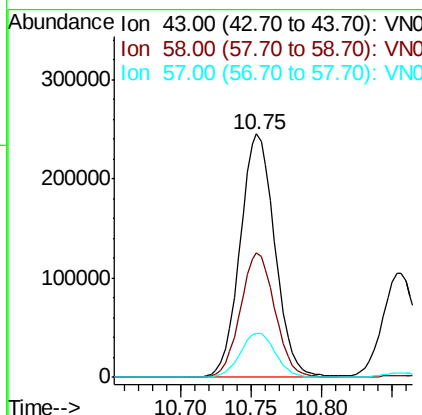
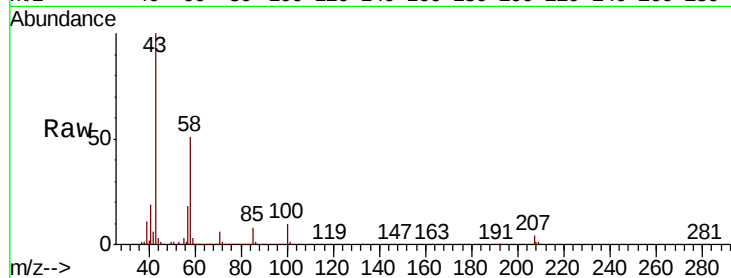
#59
2-Hexanone
Concen: 84.296 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.1	41.4	62.0
57	18.4	14.7	22.1

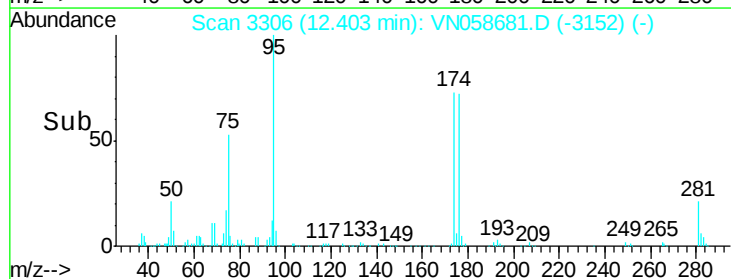
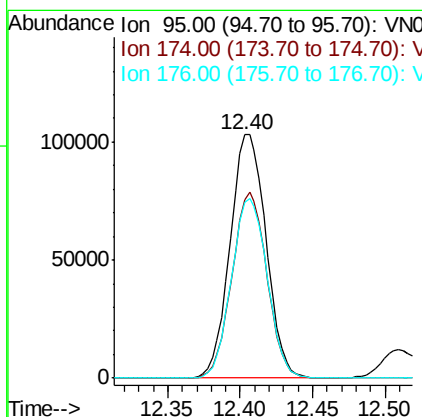
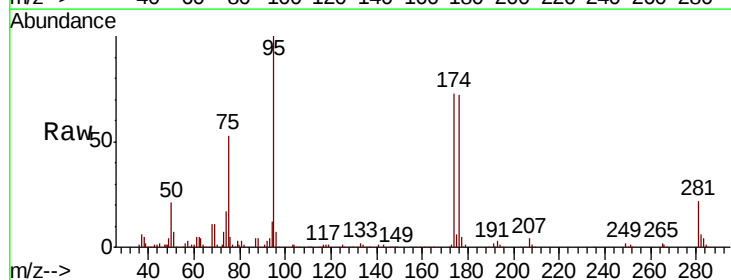
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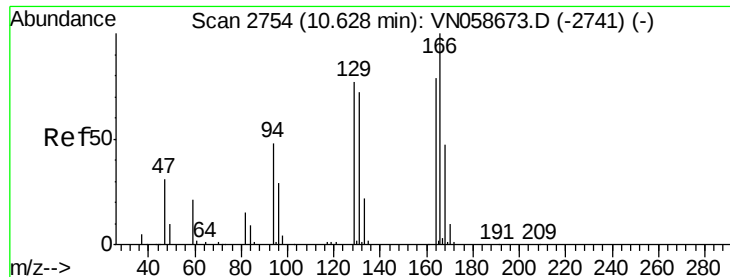
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.101 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.8	59.9	89.9
176	73.5	58.3	87.5





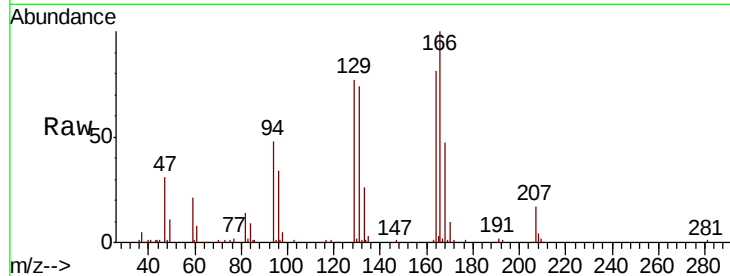
#61
Tetrachloroethene
Concen: 21.333 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.1	101.4	152.2
129	95.8	78.1	117.1
131	91.6	73.2	109.8

Manual Integrations
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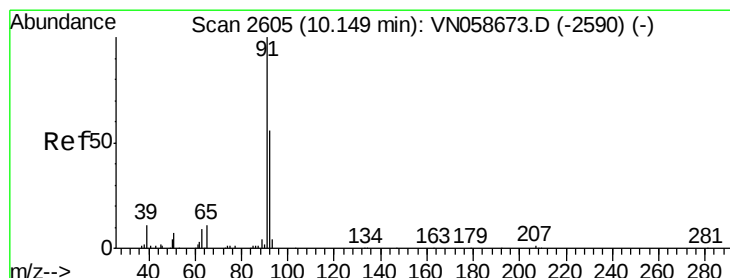
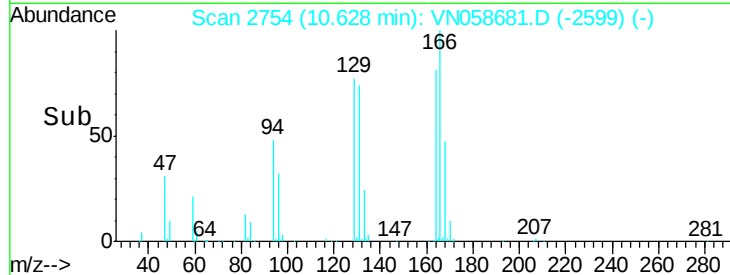
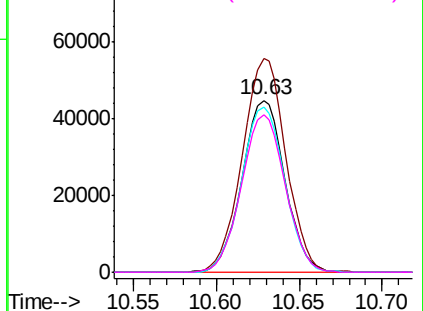
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

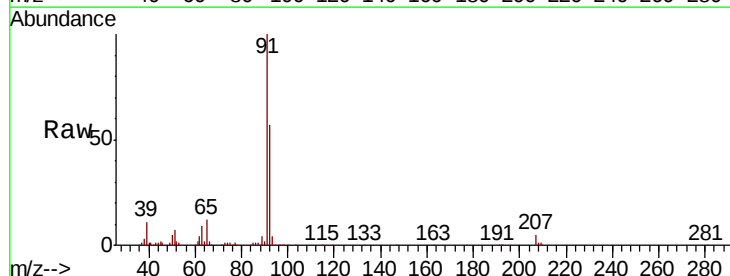
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62
Toluene
Concen: 21.032 ug/l
RT: 10.15 min Scan# 2605
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

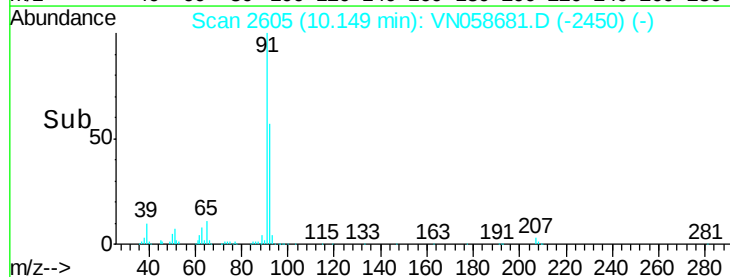
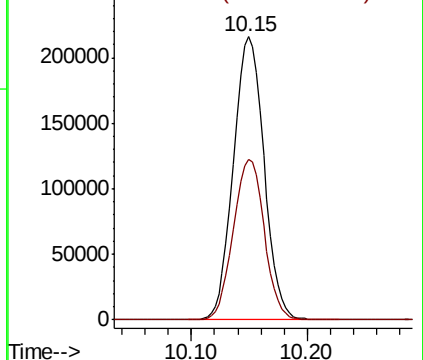
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.3	45.4	68.2

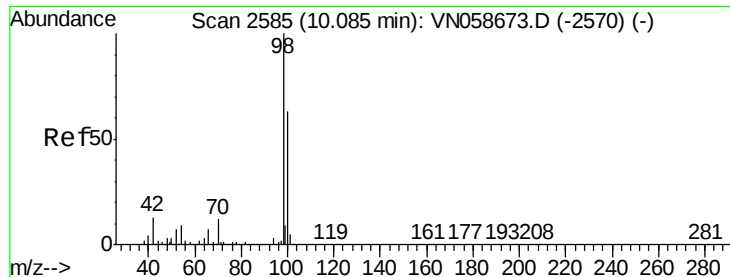


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





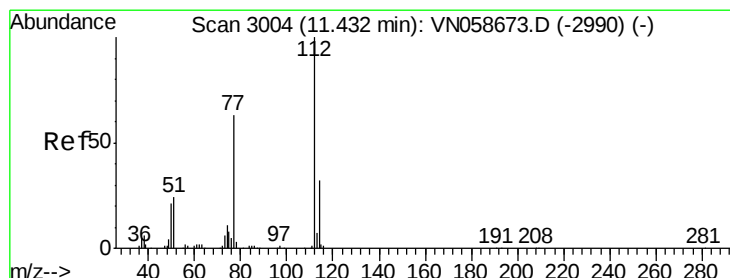
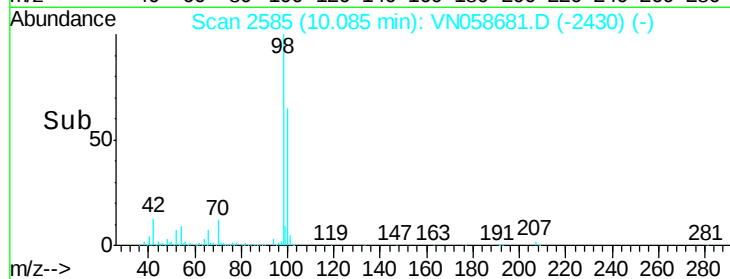
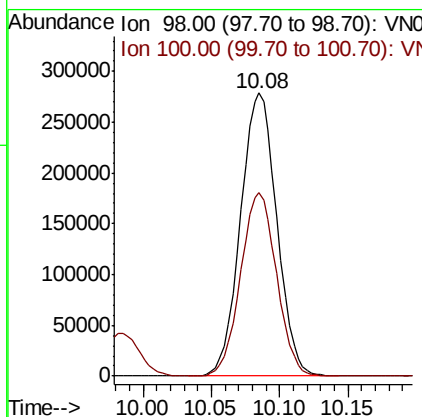
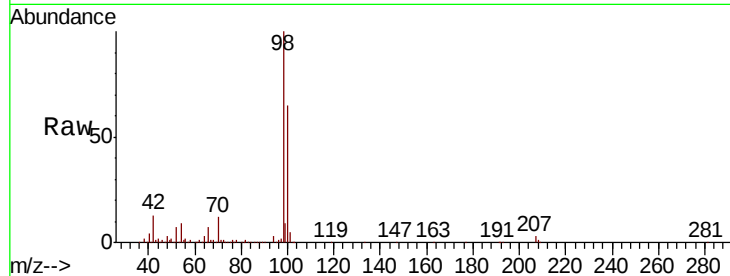
#63
Toluene-d8
Concen: 31.092 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion: 98 Resp: 513538
Ion Ratio Lower Upper
98 100
100 64.0 50.6 75.8

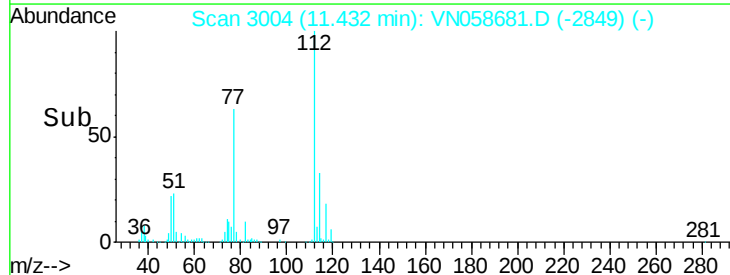
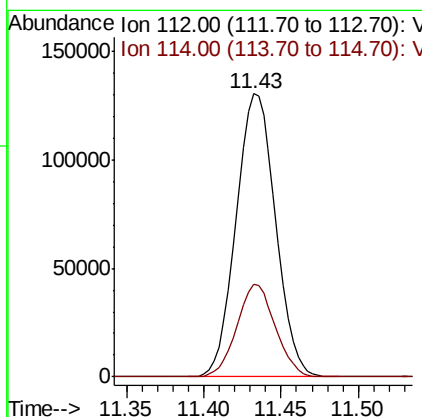
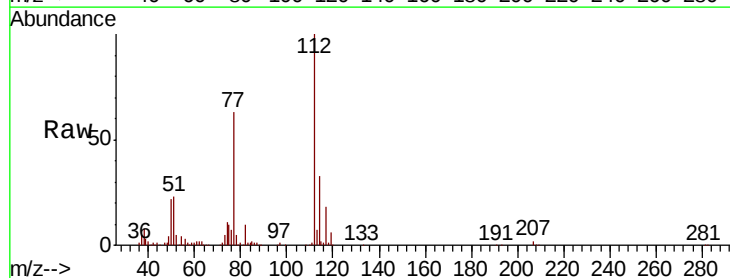
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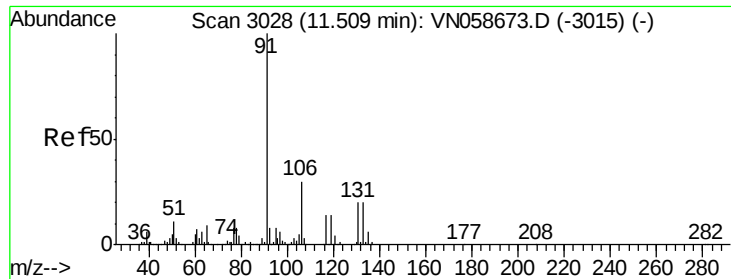
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#64
Chlorobenzene
Concen: 20.128 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion: 112 Resp: 231561
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 19.636 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Instrument :

MSVOA_N

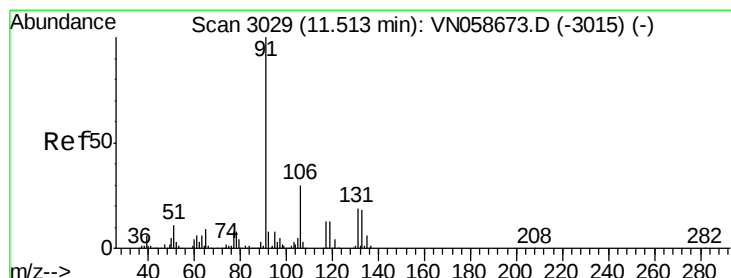
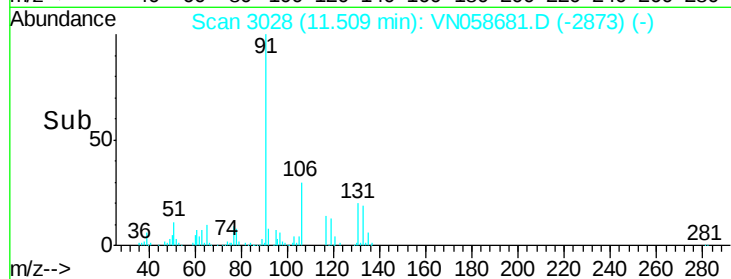
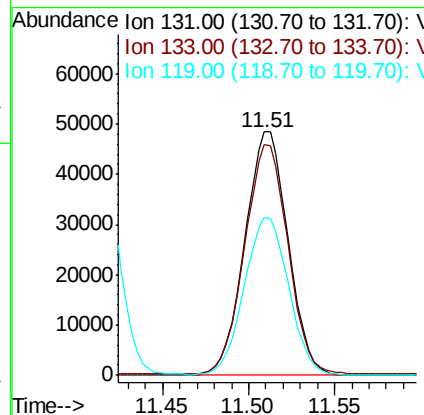
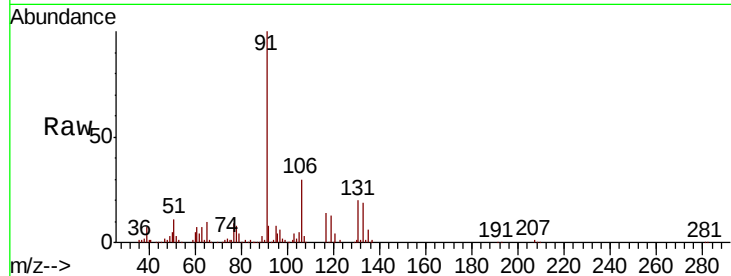
ClientSampleId :

VN1011WBS01

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.3	0.0	194.0
119	66.8	0.0	136.8

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#66

Ethyl Benzene

Concen: 20.384 ug/l

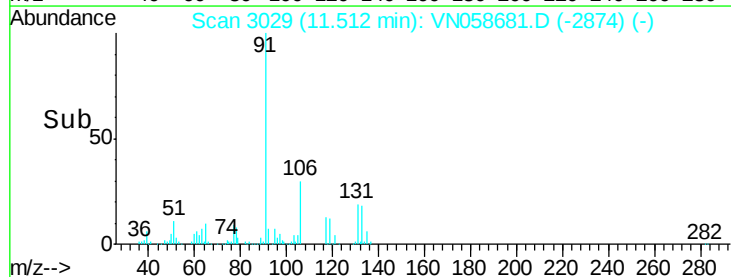
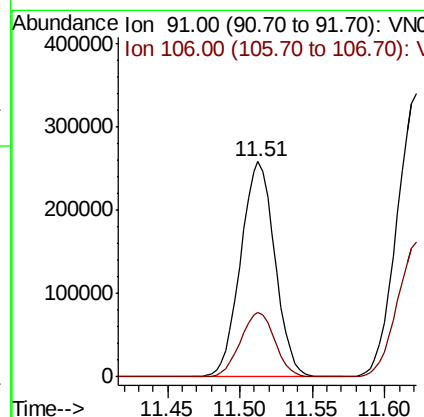
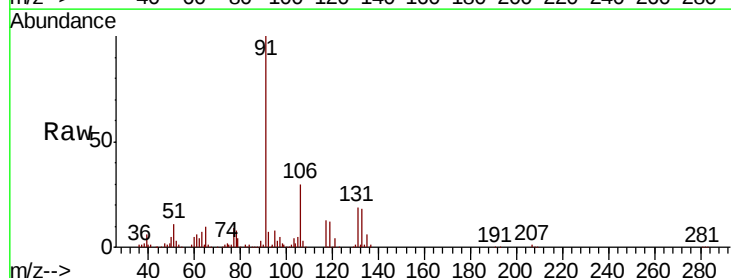
RT: 11.51 min Scan# 3029

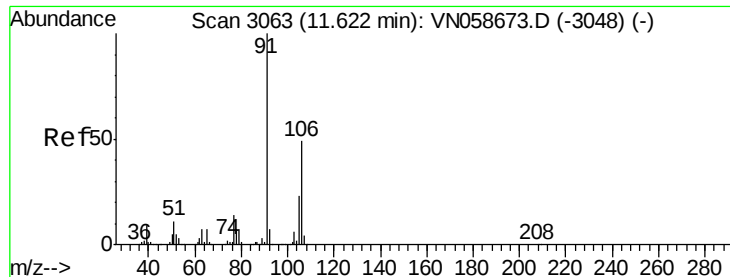
Delta R.T. -0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.2	24.2	36.4





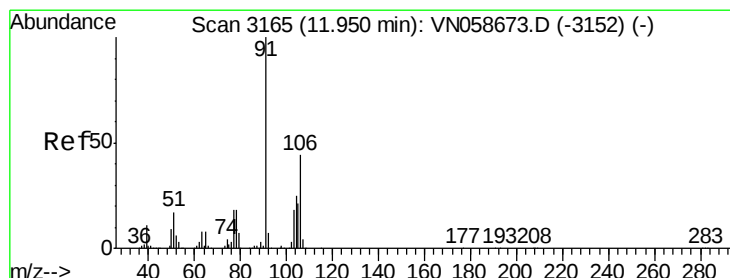
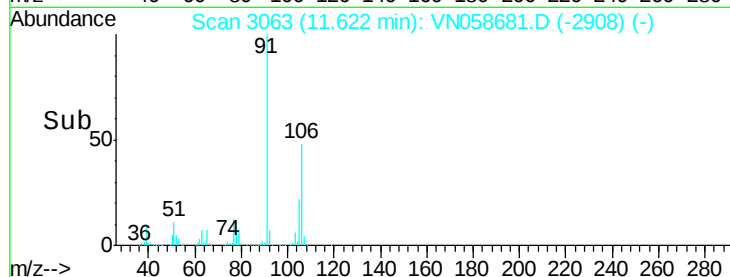
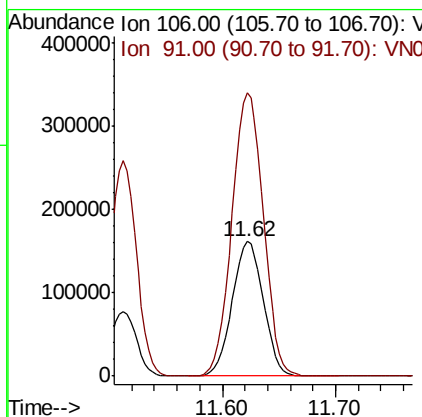
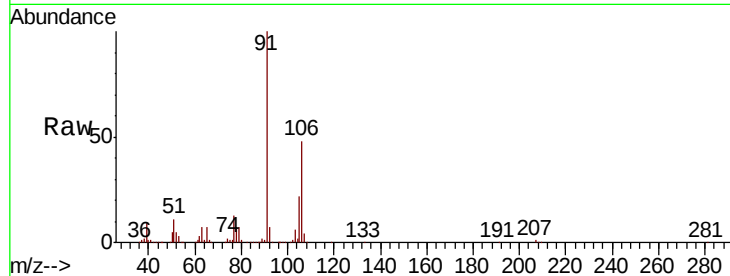
#67
m/p-Xylenes
Concen: 39.803 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	212.2	165.6	248.4	

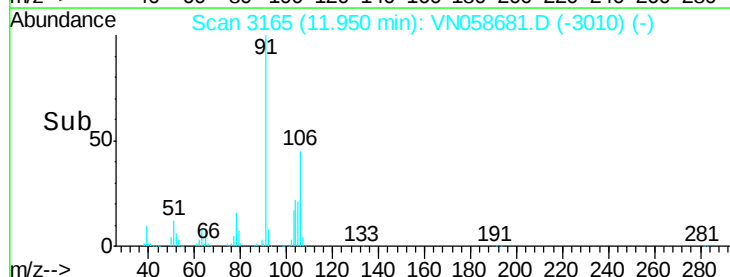
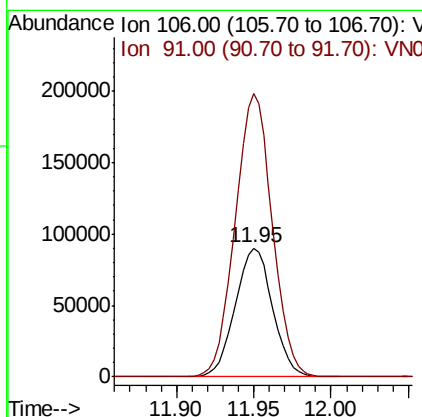
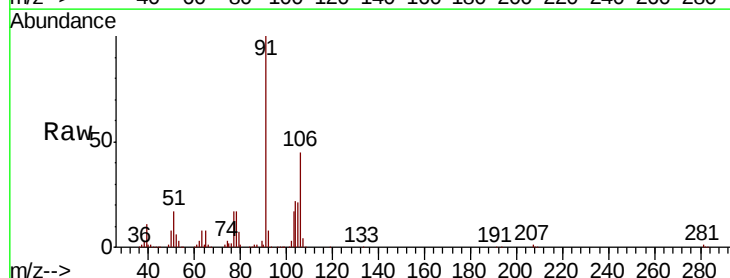
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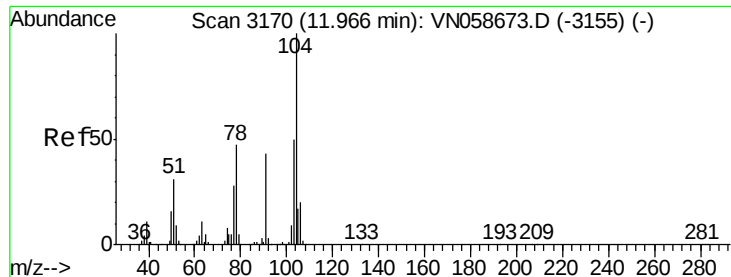
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#68
o-Xylene
Concen: 19.927 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	218.9	109.8	329.4	





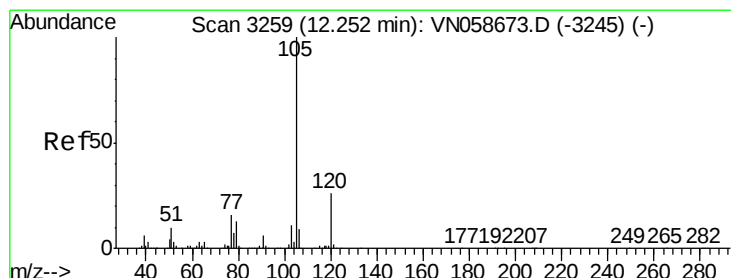
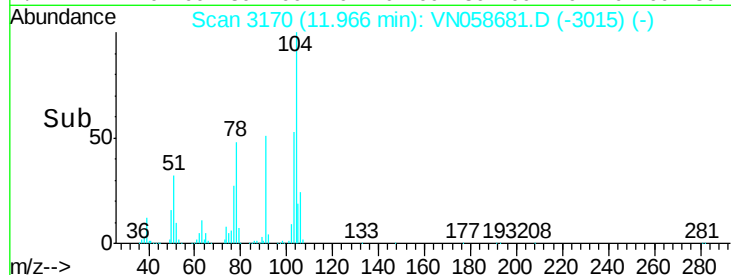
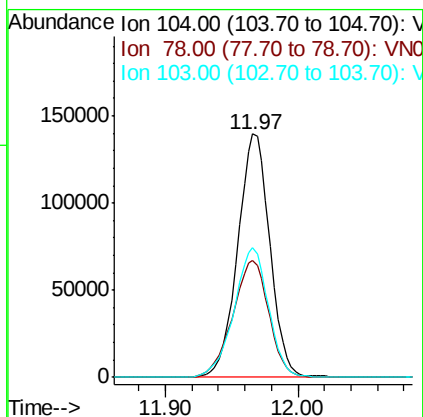
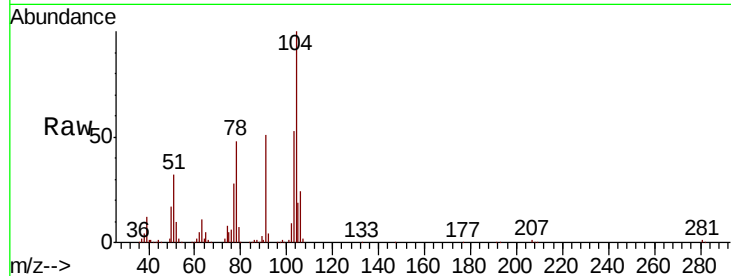
#69
Stvrene
Concen: 18.879 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.7	42.4	63.6
103	57.2	44.6	66.8

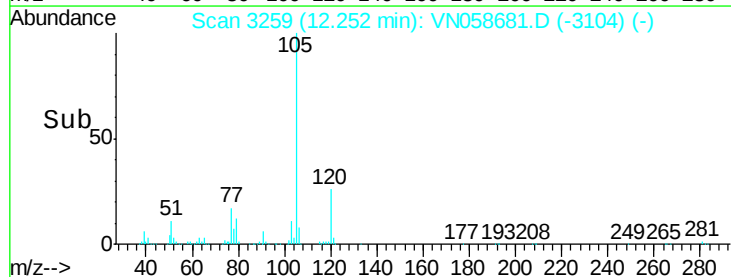
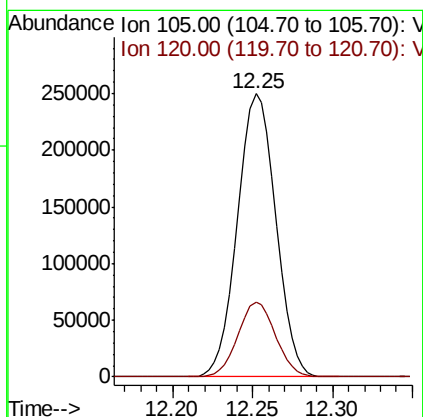
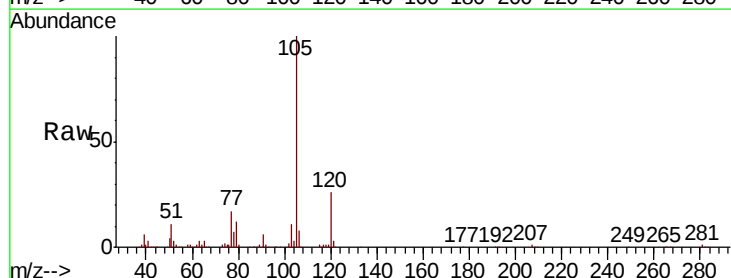
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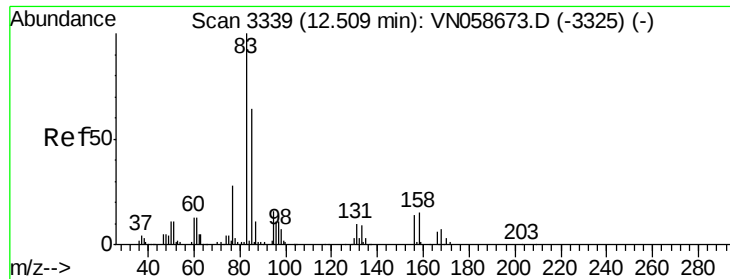
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#70
Isopropylbenzene
Concen: 20.016 ug/l
RT: 12.25 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	18.4	34.2





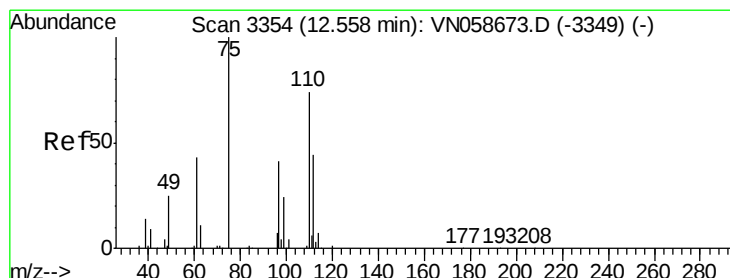
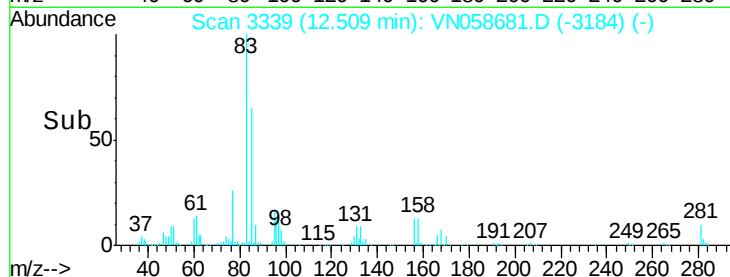
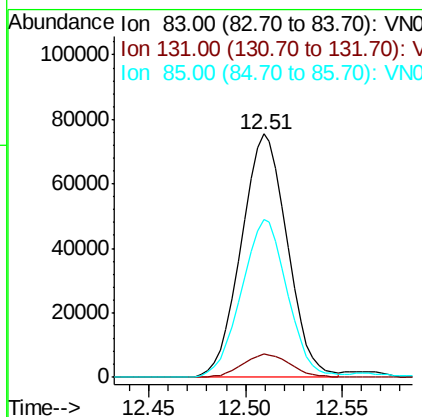
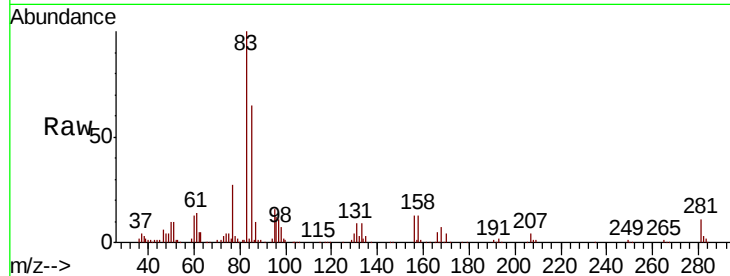
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.268 ug/l
 RT: 12.51 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.9	14.7
85	64.8	31.6	94.7

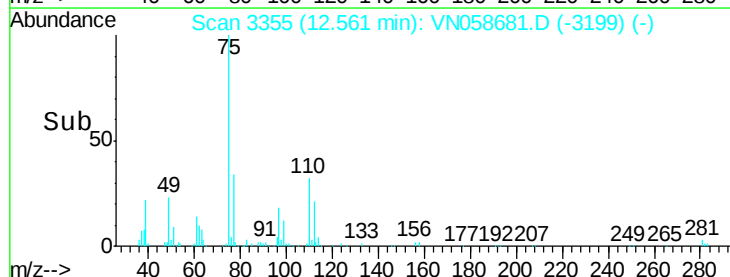
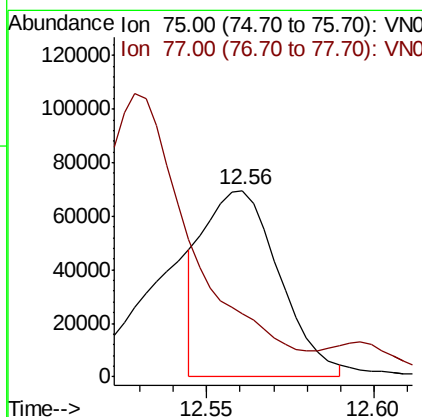
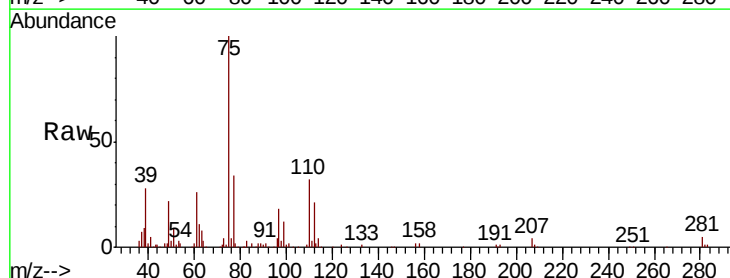
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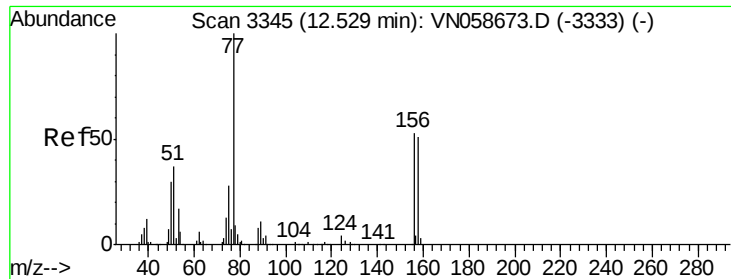
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#72
 1,2,3-Trichloropropane
 Concen: 17.577 ug/l m
 RT: 12.56 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	195.2	0.0	359.4





#73

Bromobenzene

Concen: 18.968 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Instrument :

MSVOA_N

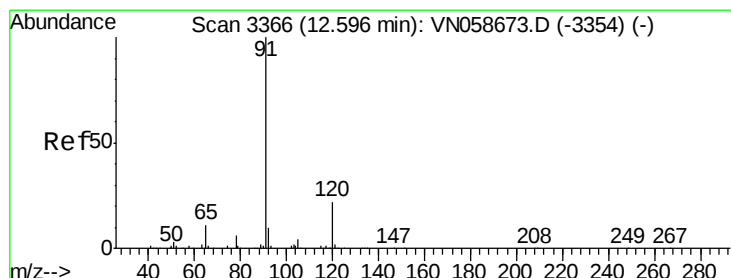
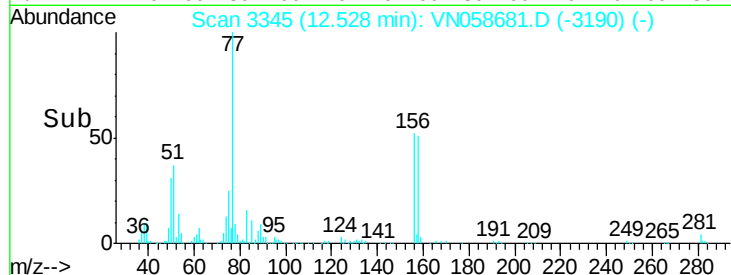
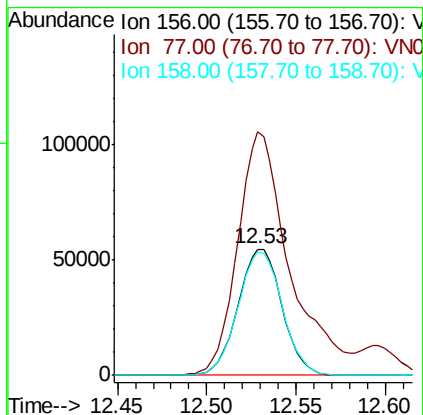
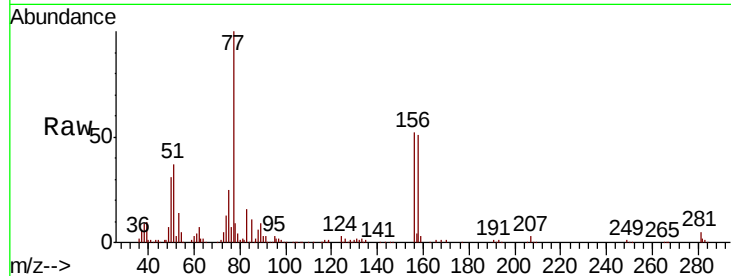
ClientSampleId :

VN1011WBS01

Tot Ion:	156	Resp:	93869
Ion Ratio	Lower	Upper	
156	100		
77	227.2	0.0	456.0
158	99.0	0.0	195.4

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#74

n-propylbenzene

Concen: 20.076 ug/l

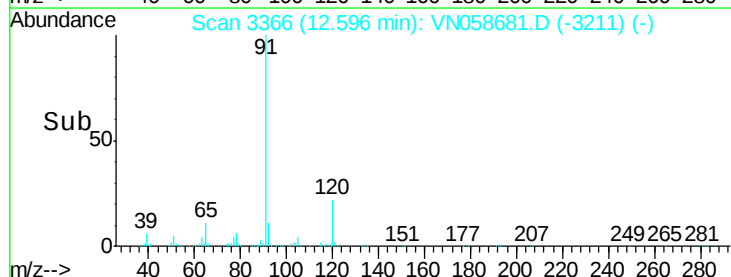
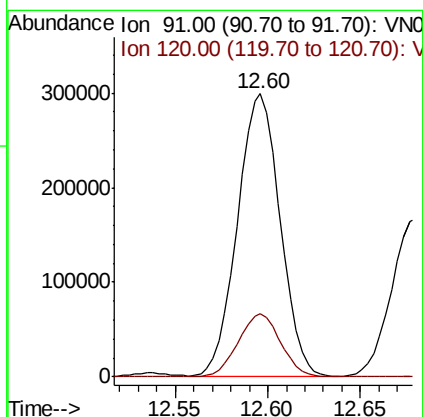
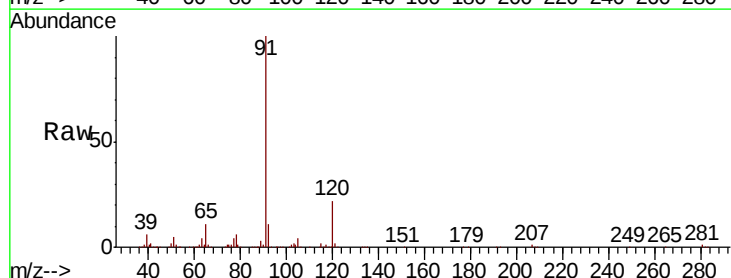
RT: 12.60 min Scan# 3366

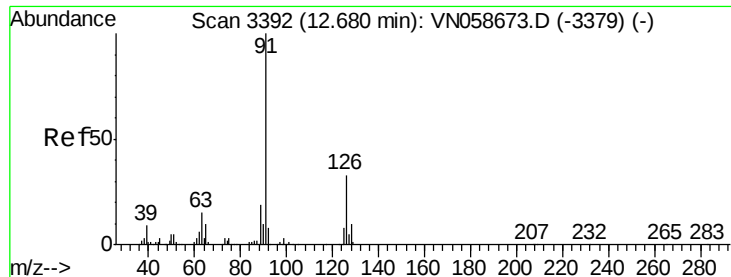
Delta R.T. -0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Tgt Ion:	91	Resp:	478780
Ion Ratio	Lower	Upper	
91	100		
120	22.0	0.0	43.6





#75

2-Chlorotoluene

Concen: 19.571 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBS01

Tot Ion: 91 Resp: 280816

Ion Ratio Lower Upper

91 100

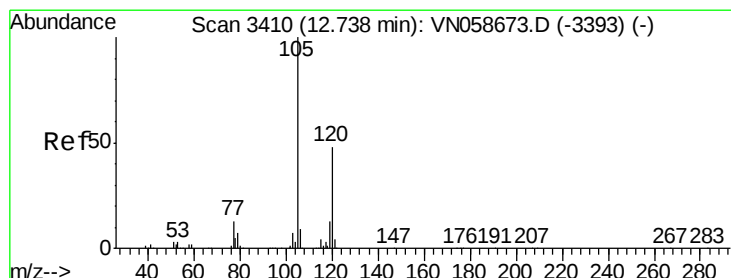
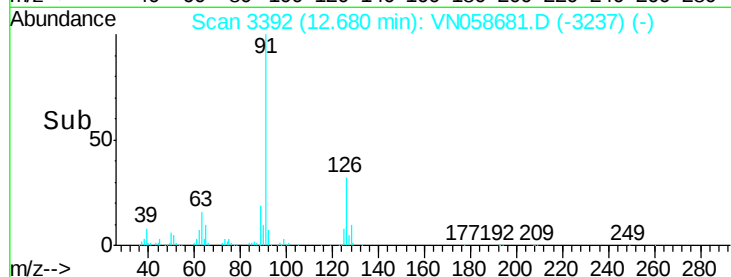
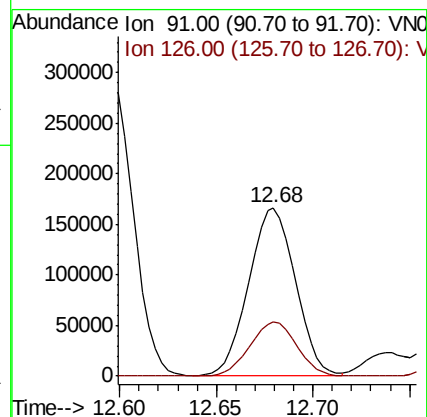
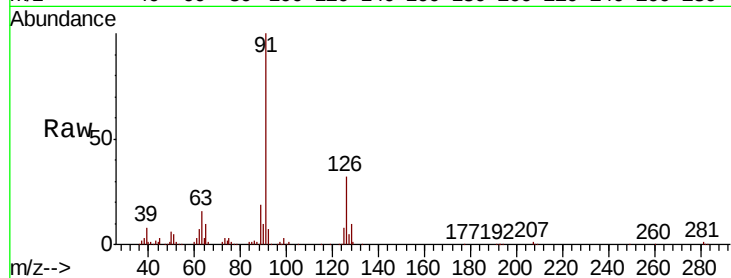
126 32.3 0.0 65.4

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 19.732 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058681.D

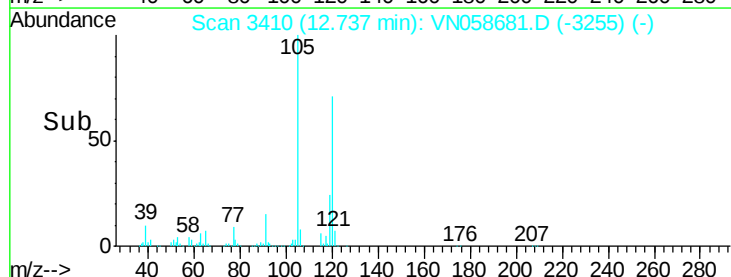
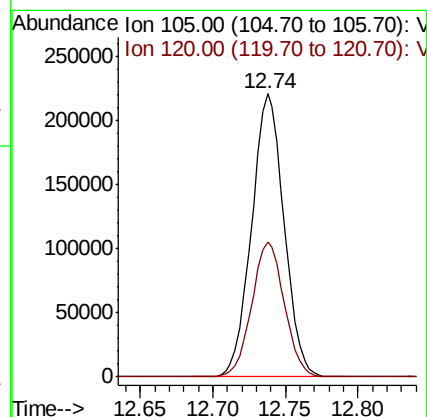
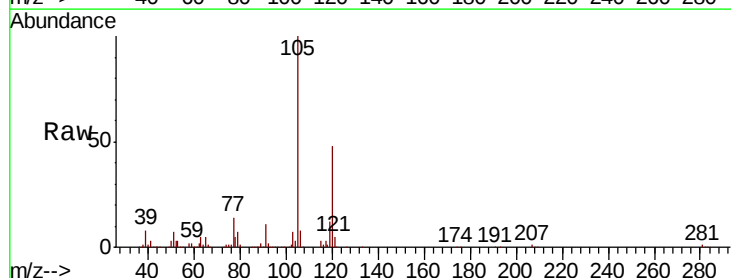
Acq: 10 Oct 2019 21:52

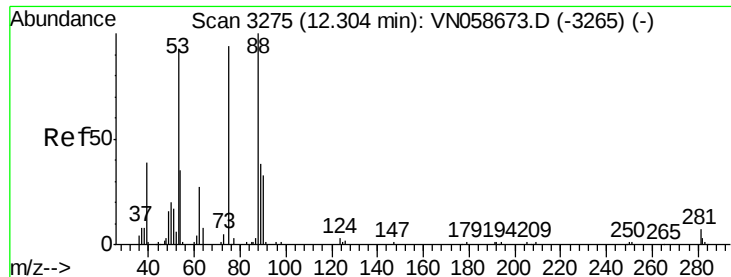
Tgt Ion: 105 Resp: 344335

Ion Ratio Lower Upper

105 100

120 47.7 0.0 94.0





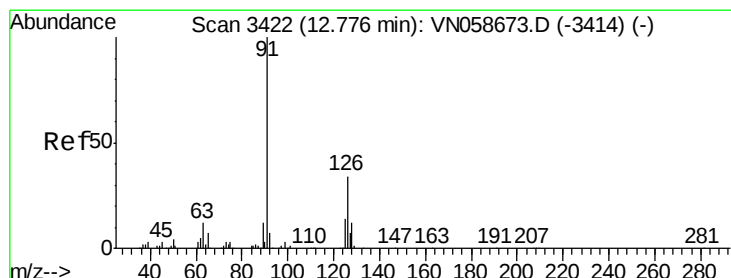
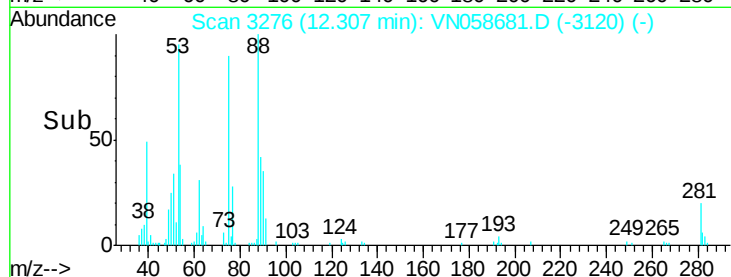
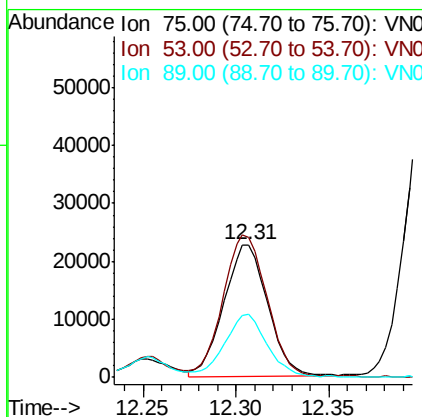
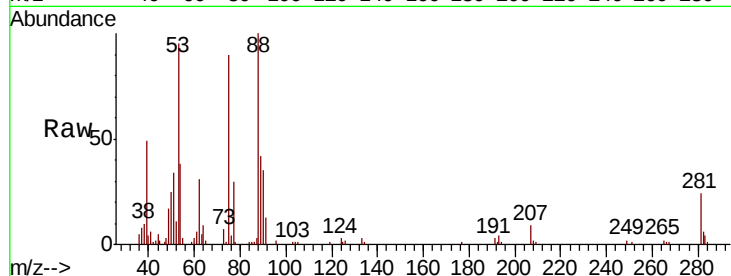
#77
t-1,4-Dichloro-2-butene
Concen: 15.828 ug/l
RT: 12.31 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.7	50.0	150.0
89	47.2	20.7	62.1

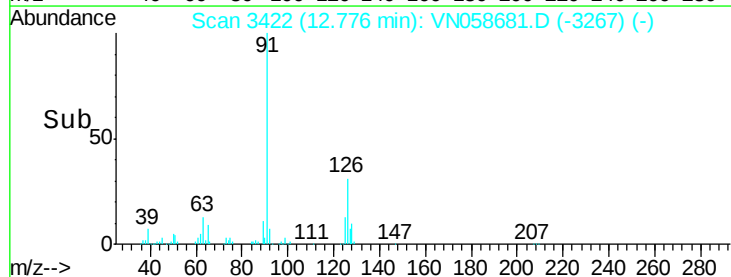
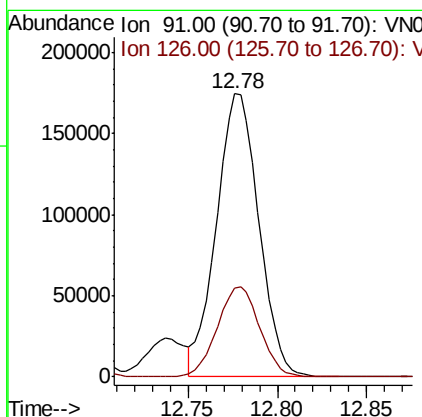
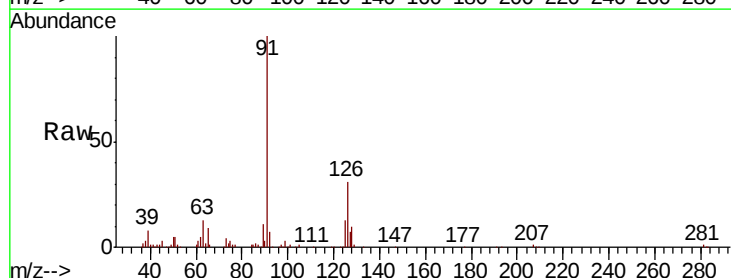
Manual Integrations
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#78
4-Chlorotoluene
Concen: 19.367 ug/l
RT: 12.78 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	0.0	63.4





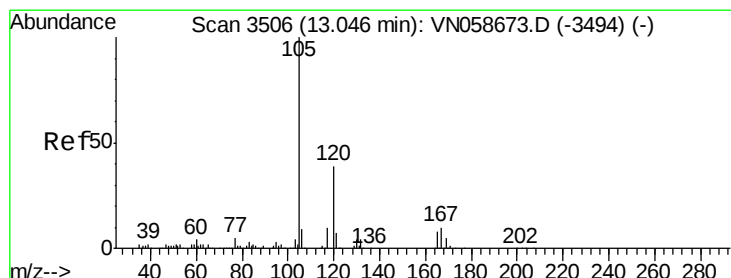
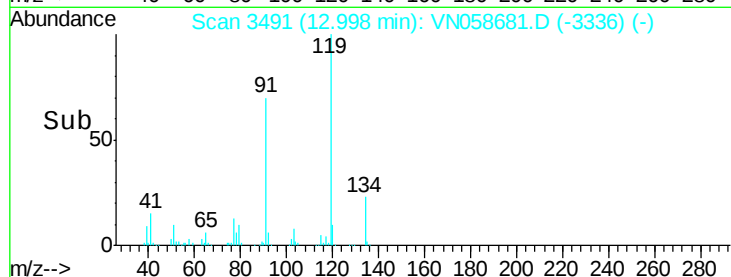
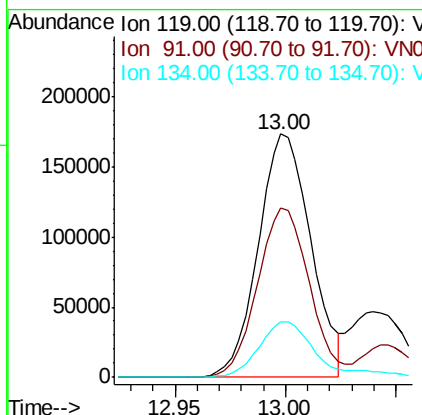
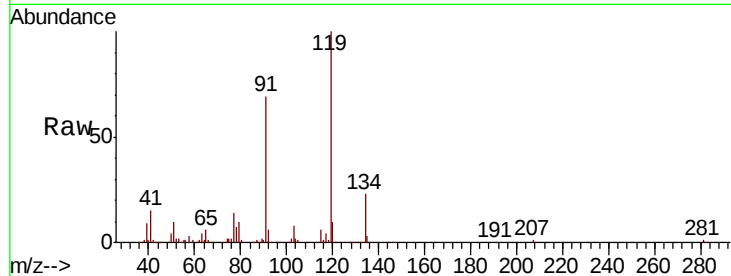
#79
tert-butylbenzene
Concen: 19.242 ug/l
RT: 13.00 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	286871		
91	68.6	0.0	136.4	
134	23.0	0.0	47.2	

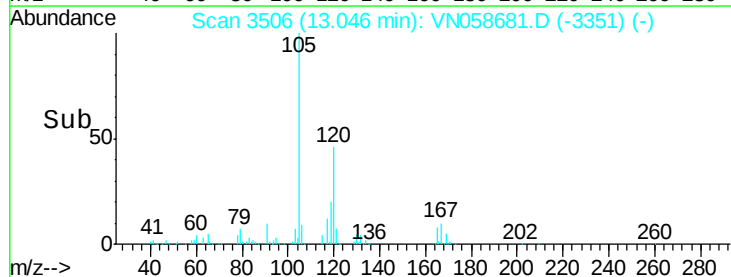
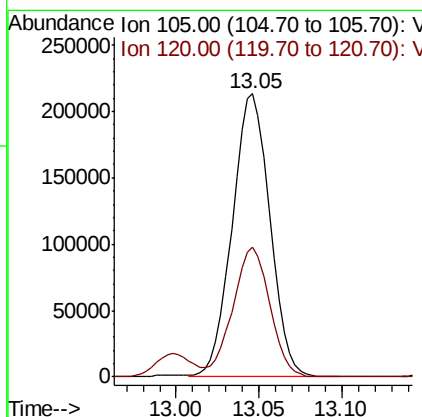
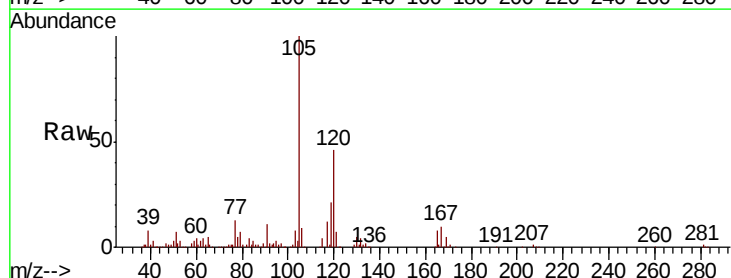
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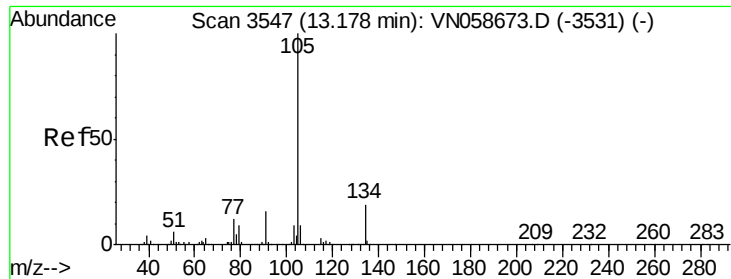
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#80
1,2,4-Trimethylbenzene
Concen: 19.398 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	336363		
120	44.8	0.0	89.2	





#81

sec-Butylbenzene

Concen: 19.167 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Instrument :

MSVOA_N

ClientSampleId :

VN1011WBS01

Tot Ion:105 Resp: 384570

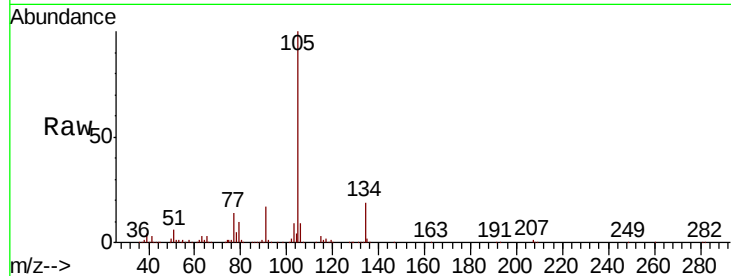
Ion Ratio Lower Upper

105 100

134 19.2 0.0 38.0

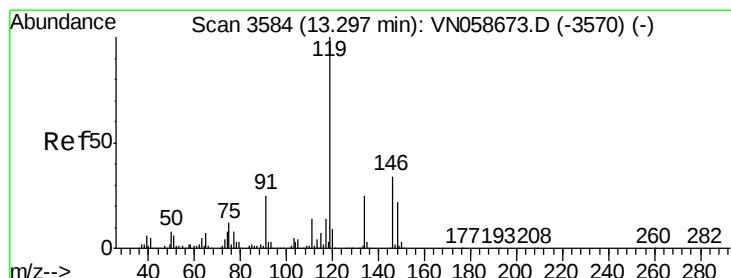
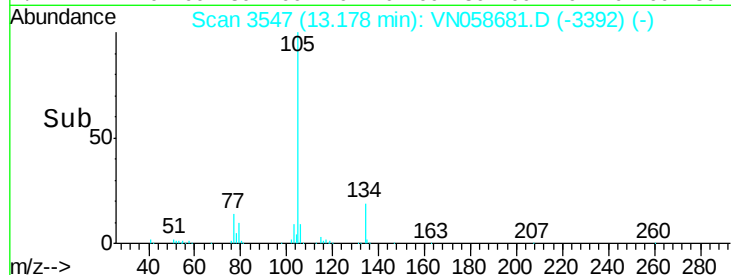
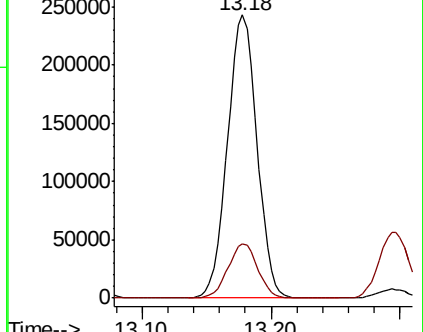
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.293 ug/l

RT: 13.29 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

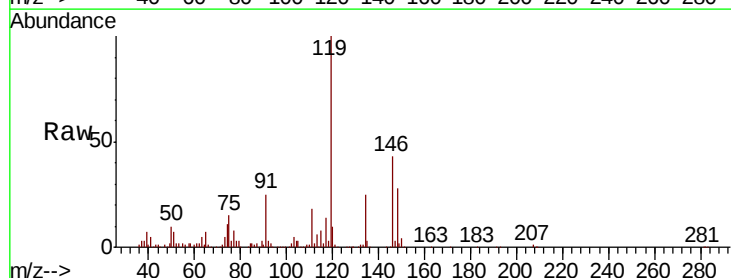
Tgt Ion:119 Resp: 347605

Ion Ratio Lower Upper

119 100

134 26.1 0.0 50.8

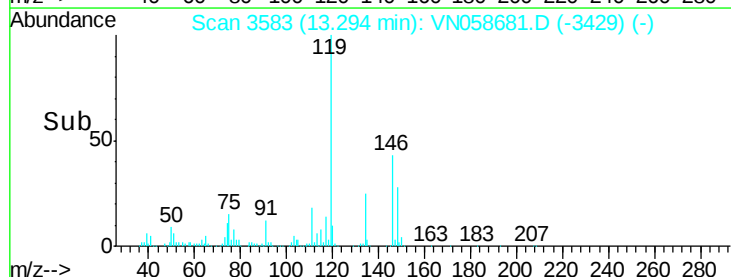
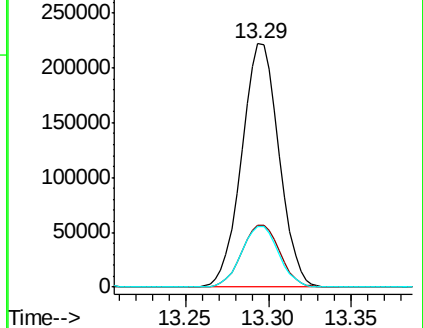
91 25.1 0.0 49.4

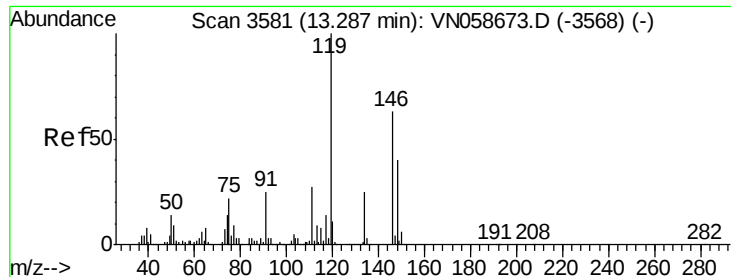


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 19.050 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Instrument :

MSVOA_N

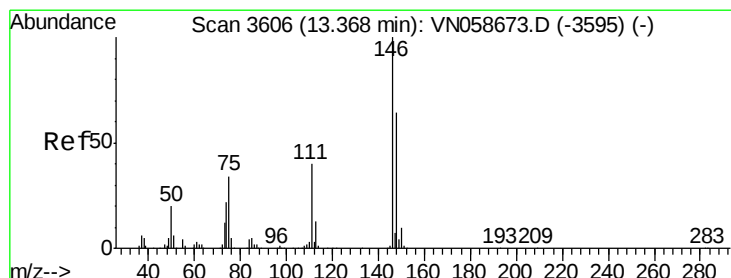
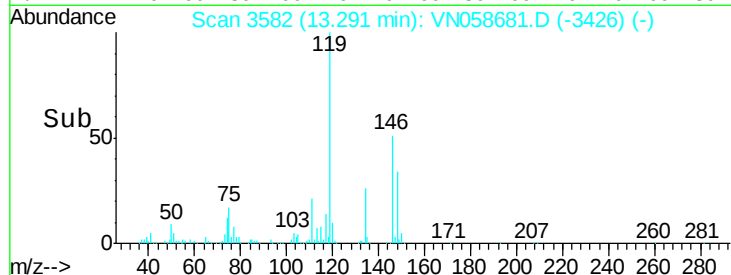
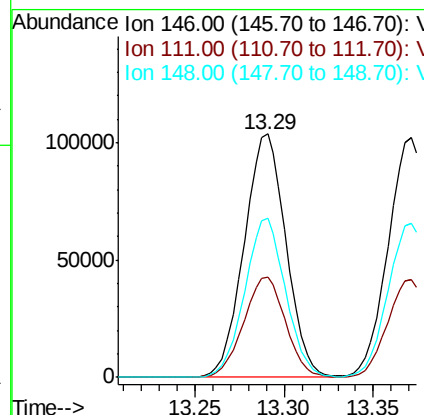
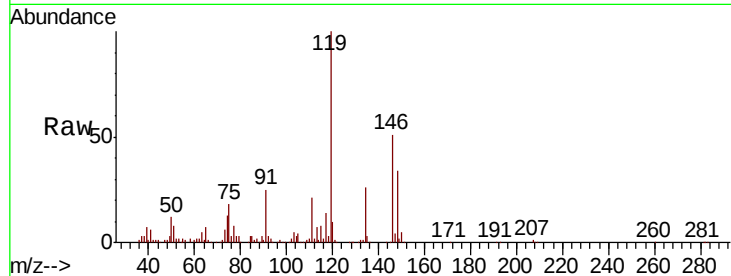
ClientSampleId :

VN1011WBS01

Tot Ion:	146	Resp:	170588
Ion Ratio	Lower	Upper	
146	100		
111	41.1	21.0	63.0
148	63.7	31.7	95.1

Manual Integrations
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#84

1,4-Dichlorobenzene

Concen: 18.961 ug/l

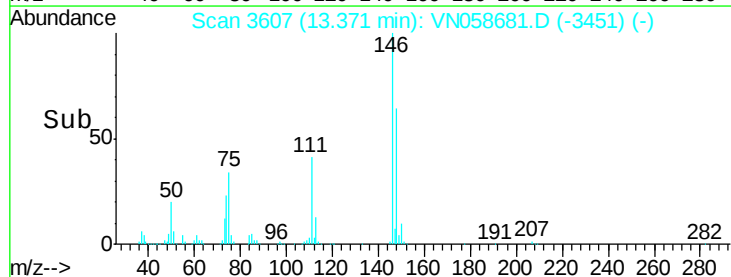
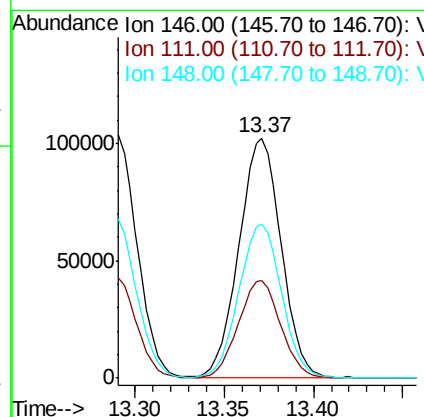
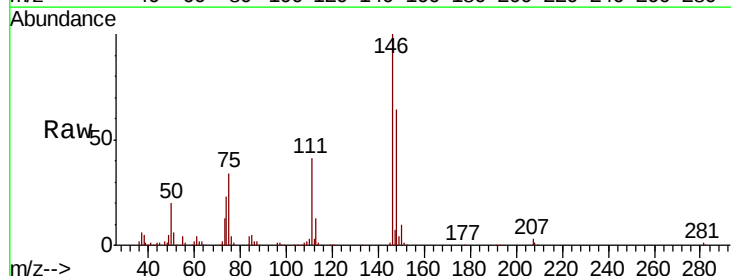
RT: 13.37 min Scan# 3607

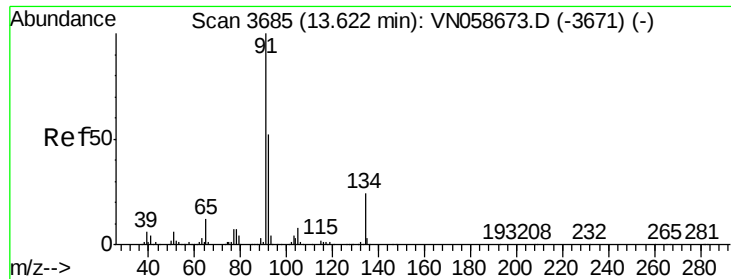
Delta R.T. 0.00 min

Lab File: VN058681.D

Acq: 10 Oct 2019 21:52

Tgt Ion:	146	Resp:	169599
Ion Ratio	Lower	Upper	
146	100		
111	40.7	19.8	59.4
148	64.8	31.6	94.8





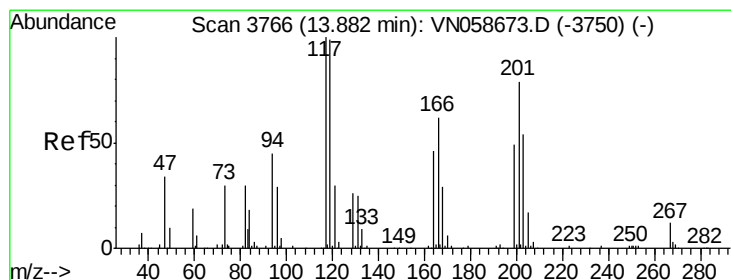
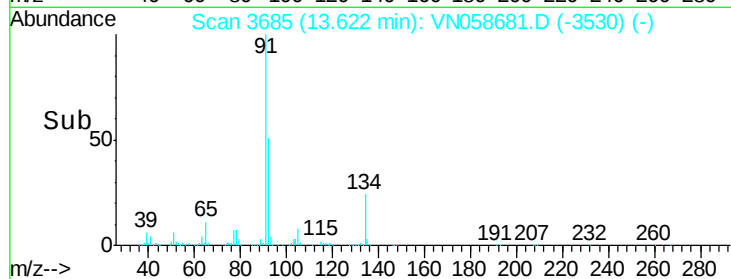
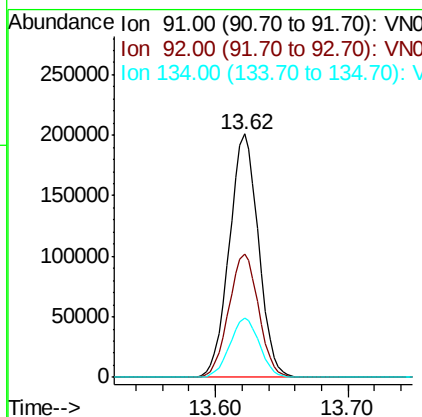
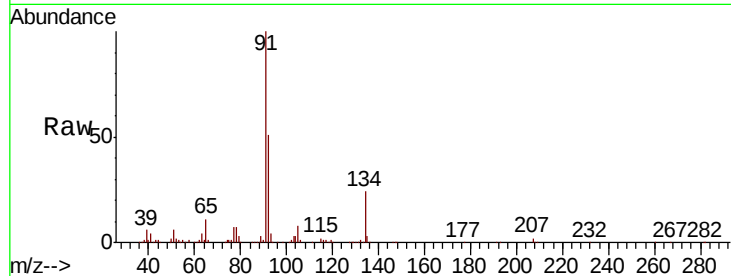
#85
n-Butylbenzene
Concen: 18.630 ug/l
RT: 13.62 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	307312		
92	51.9	0.0	102.8	
134	24.7	0.0	48.6	

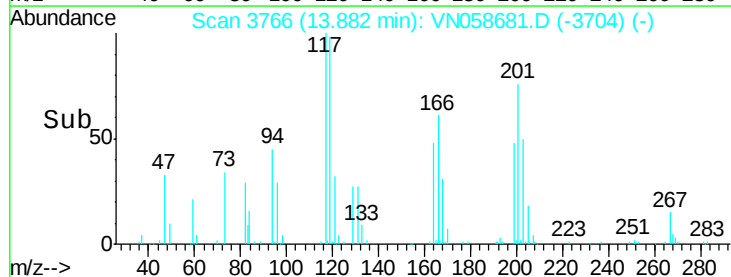
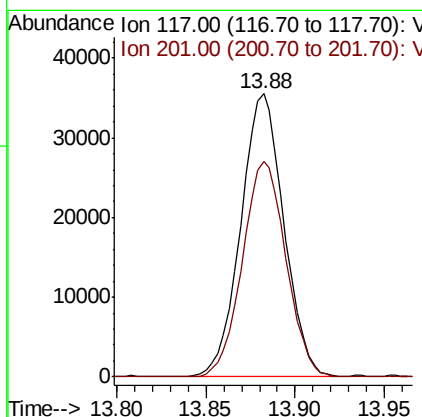
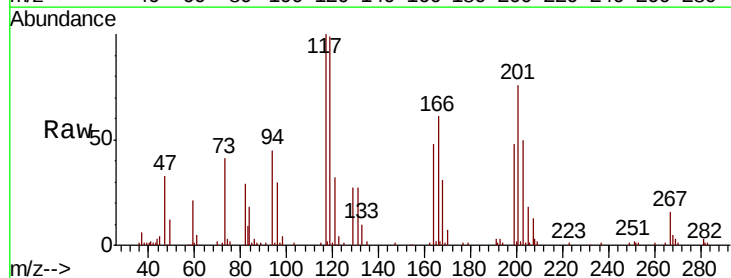
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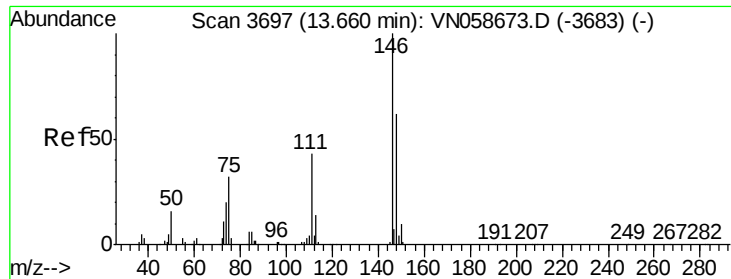
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#86
Hexachloroethane
Concen: 18.330 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	60100		
201	76.7	38.7	116.1	





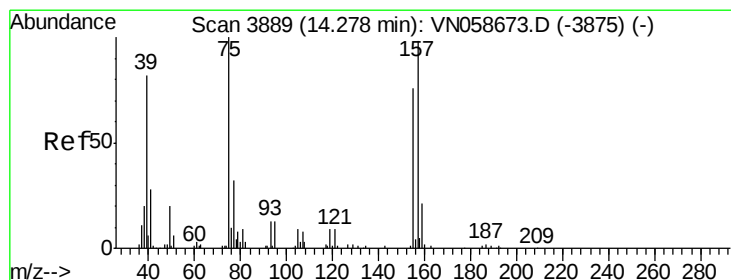
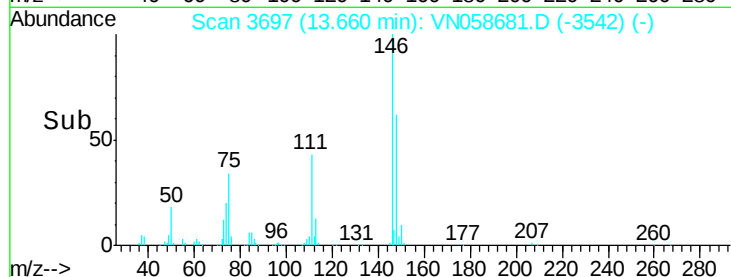
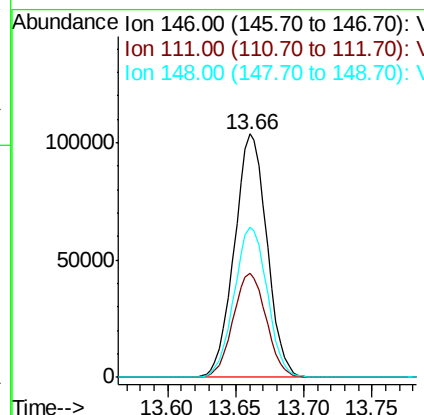
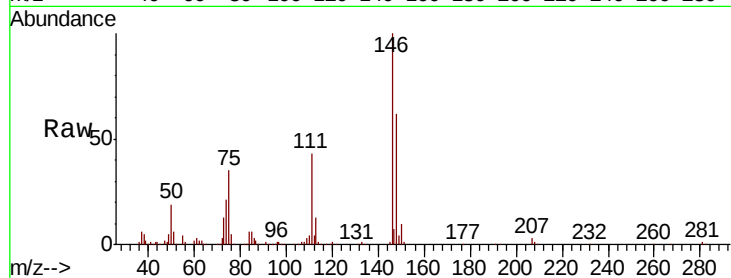
#87
 1,2-Dichlorobenzene
 Concen: 19.453 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.8	65.4
148	62.7	32.1	96.5

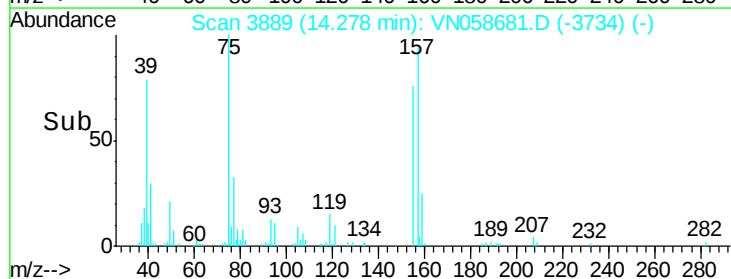
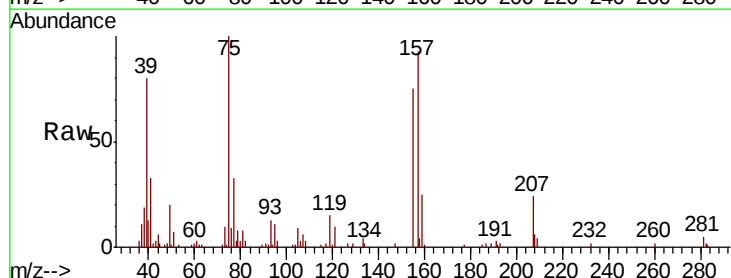
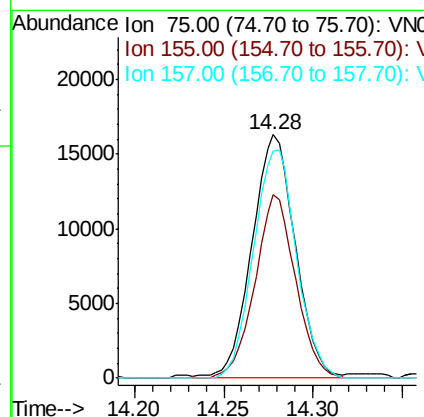
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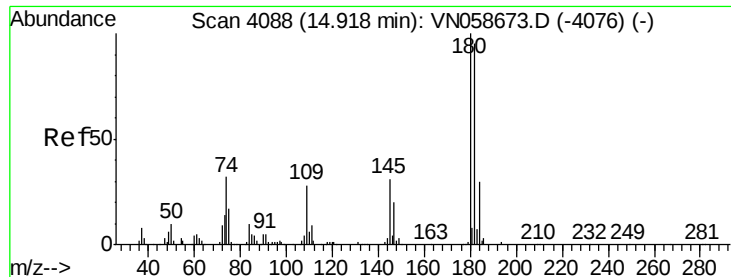
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.127 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.3	58.3	87.5
157	92.7	75.0	112.6





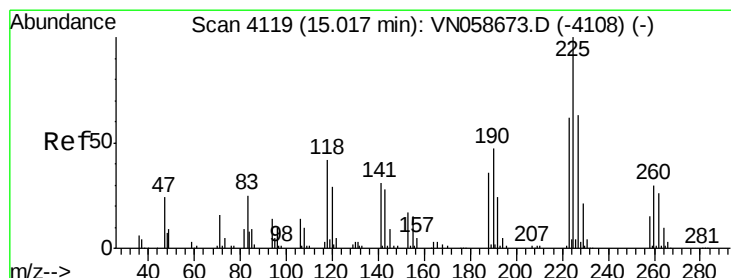
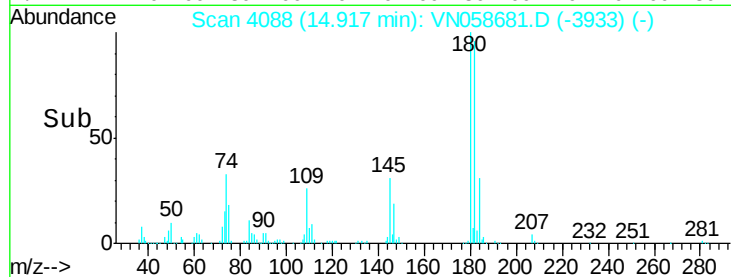
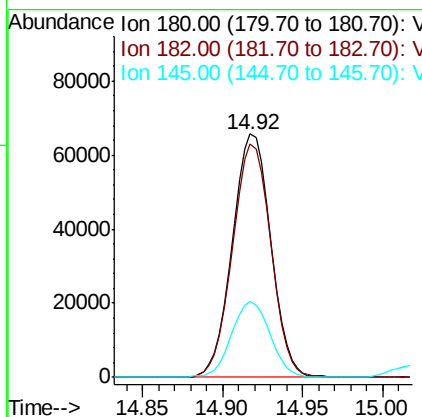
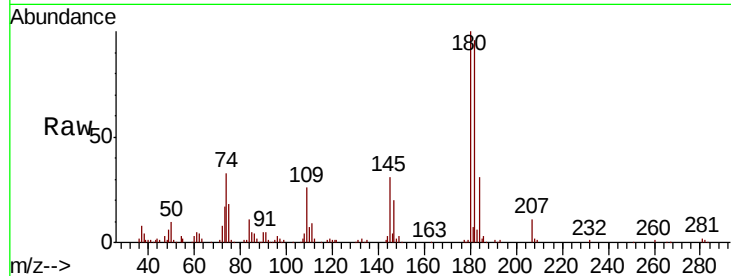
#89
 1,2,4-Trichlorobenzene
 Concen: 19.264 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1011WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	107530		
182	95.7	75.3	112.9	
145	31.2	24.8	37.2	

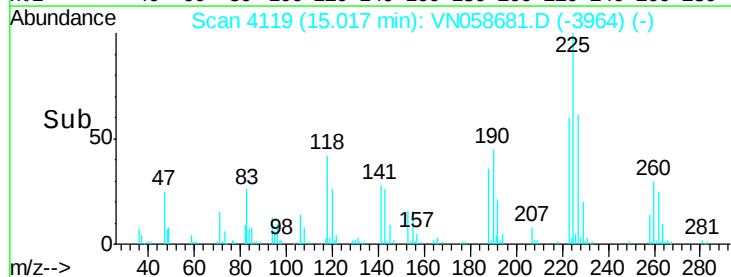
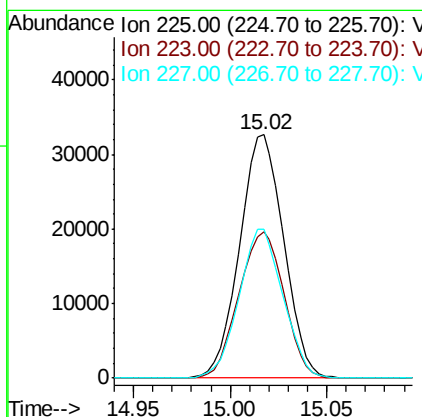
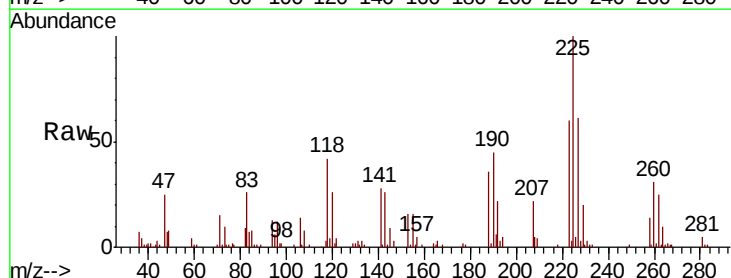
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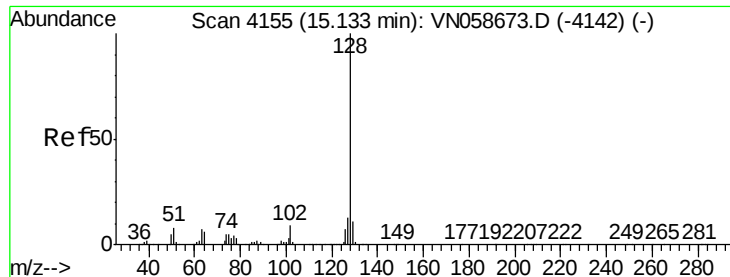
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#90
 Hexachlorobutadiene
 Concen: 18.053 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN058681.D
 Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52038		
223	61.1	0.0	126.2	
227	60.9	0.0	127.0	





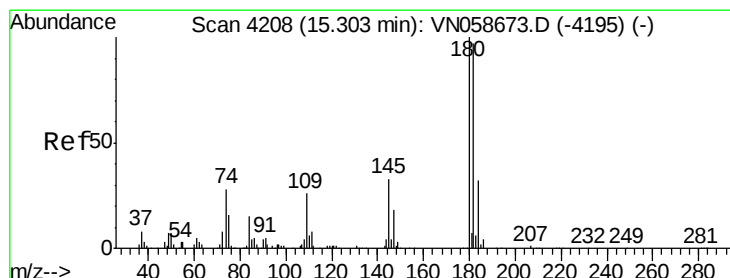
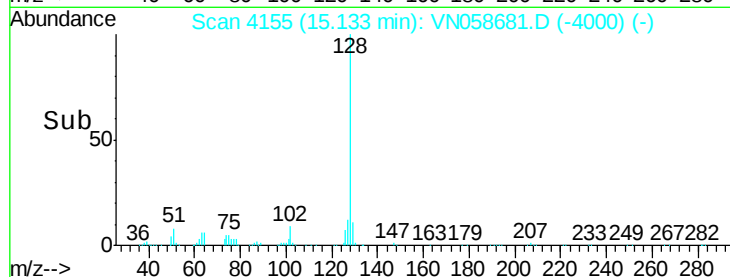
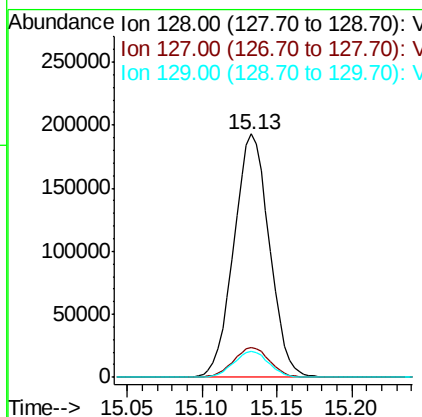
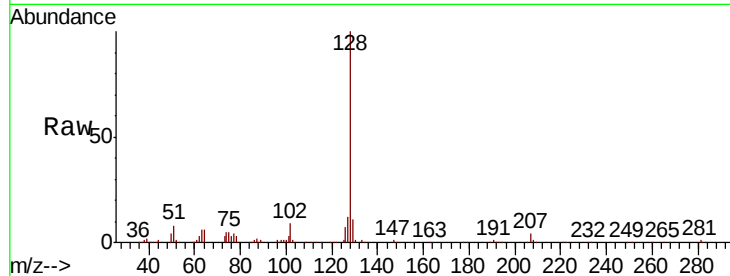
#91
Naphthalene
Concen: 19.363 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Instrument :
MSVOA_N
ClientSampleId :
VN1011WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.7	8.6	13.0

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 19.940 ug/l
RT: 15.30 min Scan# 4208
Delta R.T. -0.00 min
Lab File: VN058681.D
Acq: 10 Oct 2019 21:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	0.0	193.4
145	32.3	0.0	65.8

