

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059127.D
 Acq On : 7 Nov 2019 17:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 9:39:29 AM

Quant Time: Nov 08 03:16:04 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	72262	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	405319	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	368243	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	173412	28.27	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.23%
60) 4-Bromofluorobenzene	12.40	95	185232	28.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.87%
63) Toluene-d8	10.08	98	519662	29.89	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	78994	20.176	ug/l 100
3) Chloromethane	2.04	50	107387	20.533	ug/l 99
4) Vinyl Chloride	2.17	62	111414	20.612	ug/l 96
5) Bromomethane	2.53	94	46468m	13.924	ug/l
6) Chloroethane	2.68	64	67387	19.834	ug/l 97
7) Trichlorofluoromethane	2.99	101	142373	21.400	ug/l 99
8) Diethyl Ether	3.39	74	58029	22.869	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	89238	23.181	ug/l 97
10) 1,1-Dichloroethene	3.71	96	82204	21.742	ug/l 95
11) Methyl Iodide	3.92	142	59537	11.307	ug/l 96
12) Methyl Acetate	4.30	43	139185	23.009	ug/l 96
13) Acrolein	3.58	56	73335	109.720	ug/l 99
14) Acrylonitrile	4.96	53	276603	116.048	ug/l 96
15) Acetone	3.79	58	85338	120.616	ug/l 79
16) Carbon Disulfide	4.02	76	236404	21.437	ug/l 99
17) Allyl chloride	4.29	41	163439	21.718	ug/l 89
18) Methylene Chloride	4.53	84	101391	22.145	ug/l 94
19) trans-1,2-Dichloroethene	5.01	96	89564	21.760	ug/l 86
20) Diisopropyl ether	5.92	45	337825	22.034	ug/l 93
21) 1,1-Dichloroethane	5.82	63	184414	21.721	ug/l 100
22) cis-1,2-Dichloroethene	6.81	96	103805	21.152	ug/l 98
23) tert-Butyl Alcohol	4.76	59	100711	103.301	ug/l # 100
24) Methyl tert-Butyl Ether	5.01	73	297609	21.099	ug/l 96
25) Chloroform	7.35	83	179922	21.248	ug/l 97
26) Cyclohexane	7.63	56	154412	20.721	ug/l # 97
29) 1,1-Dichloropropene	7.77	75	128976	20.215	ug/l 98
30) 2-Butanone	6.81	43	367928	102.046	ug/l 99
31) 2,2-Dichloropropane	6.80	77	152146	20.232	ug/l 99
32) 1,1,1-Trichloroethane	7.55	97	149006	20.192	ug/l 99
33) Carbon Tetrachloride	7.75	117	130069	20.363	ug/l 99
34) Benzene	8.02	78	403261	21.469	ug/l 97
35) Methacrylonitrile	7.15	41	47274m	14.842	ug/l
36) 1,2-Dichloroethane	8.10	62	140059	19.502	ug/l 97
37) Trichloroethene	8.82	130	95736	20.746	ug/l 100
38) Methylcyclohexane	9.07	83	151971	20.543	ug/l 100
39) 1,2-Dichloropropane	9.10	63	110062	21.441	ug/l 99
40) Dibromomethane	9.19	93	66138	20.409	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.39	83	137498	20.769	ug/l	98
42) Vinyl Acetate	5.87	43	1374833	108.878	ug/l	99
43) Ethyl Acetate	6.90	43	147468	20.838	ug/l #	93
44) Isopropyl Acetate	8.15	43	233578	20.377	ug/l	92
45) 1,4-Dioxane	9.18	88	36090	410.019	ug/l	97
46) Methyl methacrylate	9.18	41	105651	20.076	ug/l	93
47) n-amyl Acetate	12.07	43	187713	18.473	ug/l	96
48) t-1,3-Dichloropropene	10.37	75	155475	20.250	ug/l	99
49) cis-1,3-Dichloropropene	9.83	75	168948	20.955	ug/l	93
50) 1,1,2-Trichloroethane	10.55	97	98484	21.289	ug/l	96
51) Ethyl methacrylate	10.42	69	147153	19.893	ug/l	94
52) 1,3-Dichloropropane	10.70	76	171347	20.798	ug/l	98
53) Dibromochloromethane	10.90	129	102874	20.721	ug/l	98
54) 1,2-Dibromoethane	11.00	107	99452	20.741	ug/l	100
55) 2-Chloroethyl vinyl ether	9.68	63	319397	86.802	ug/l	99
56) Bromoform	12.13	173	74030	21.405	ug/l	99
58) 4-Methyl-2-Pentanone	9.97	43	743540	110.683	ug/l	98
59) 2-Hexanone	10.74	43	540555	102.640	ug/l	97
61) Tetrachloroethene	10.63	164	85521	21.492	ug/l	97
62) Toluene	10.15	91	420851	21.246	ug/l	99
64) Chlorobenzene	11.43	112	250769	20.707	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	96020	21.145	ug/l	99
66) Ethyl Benzene	11.51	91	456690	20.822	ug/l	100
67) m/p-Xylenes	11.62	106	335042	40.887	ug/l	98
68) o-Xylene	11.95	106	162382	20.441	ug/l	99
69) Styrene	11.96	104	261289	19.910	ug/l	98
70) Isopropylbenzene	12.25	105	439066	20.472	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	153016	21.192	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	133128m	20.348	ug/l	
73) Bromobenzene	12.53	156	106500	20.444	ug/l	99
74) n-propylbenzene	12.59	91	512669	20.422	ug/l	99
75) 2-Chlorotoluene	12.68	91	308245	20.408	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	371803	20.240	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	49896	20.019	ug/l	90
78) 4-Chlorotoluene	12.77	91	312307	20.062	ug/l	99
79) tert-butylbenzene	12.99	119	317777	20.248	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	368119	20.167	ug/l	99
81) sec-Butylbenzene	13.17	105	418974	19.837	ug/l	99
82) p-Isopropyltoluene	13.29	119	379157	19.991	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	188055	19.949	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	179042	19.015	ug/l	99
85) n-Butylbenzene	13.62	91	309814	17.842	ug/l	98
86) Hexachloroethane	13.88	117	70861	20.530	ug/l	95
87) 1,2-Dichlorobenzene	13.66	146	182111	19.569	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	29966	18.646	ug/l	93
89) 1,2,4-Trichlorobenzene	14.91	180	96955	16.500	ug/l	99
90) Hexachlorobutadiene	15.01	225	61630	20.311	ug/l	99
91) Naphthalene	15.13	128	260671	15.025	ug/l	99
92) 1,2,3-Trichlorobenzene	15.30	180	98191	17.166	ug/l	98

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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

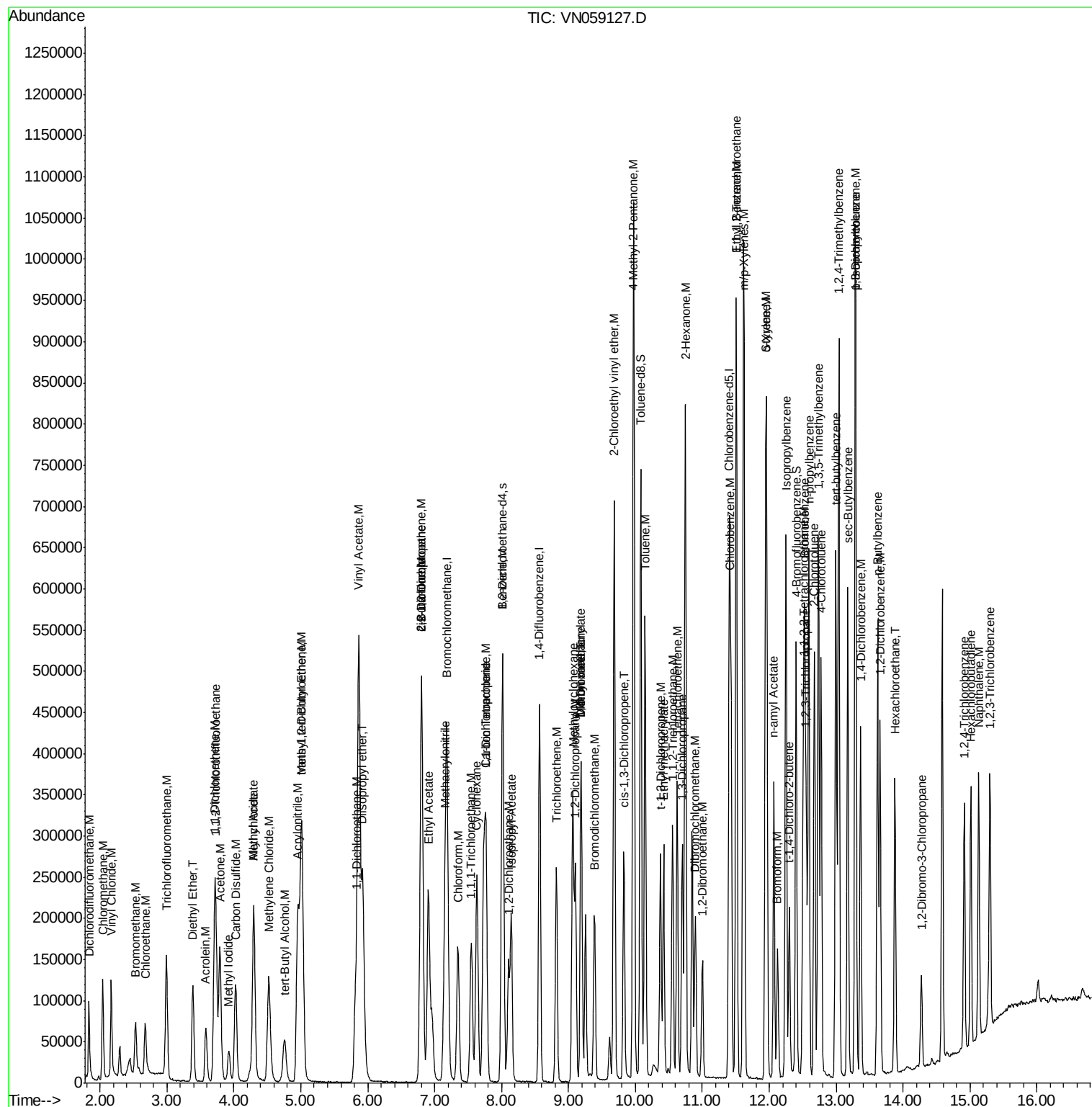
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
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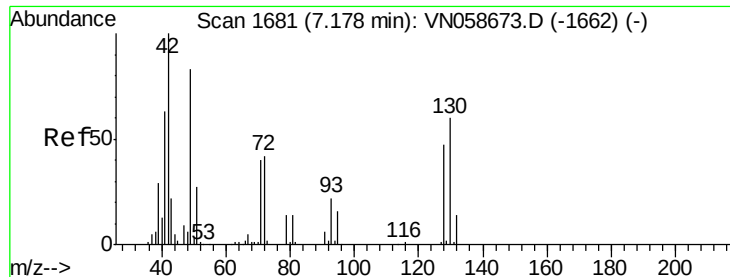
Instrument :
 MSVOA_N
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:128 Resp: 72262

Ion Ratio Lower Upper

128 100

49 184.3 0.0 453.5

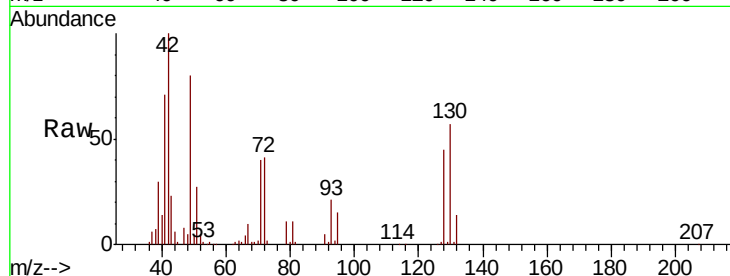
130 128.9 0.0 314.2

Manual Integrations

APPROVED

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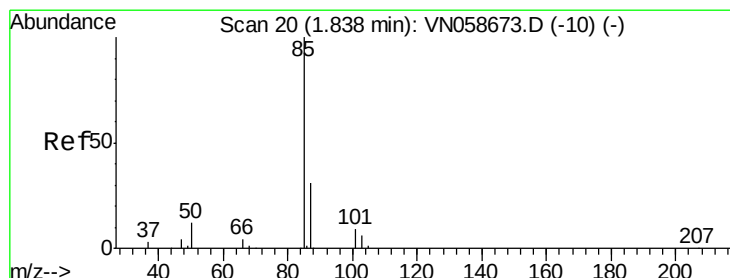
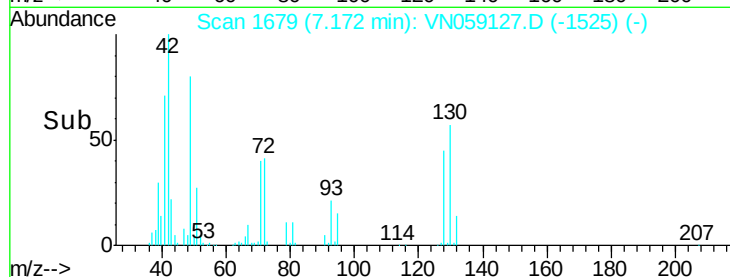
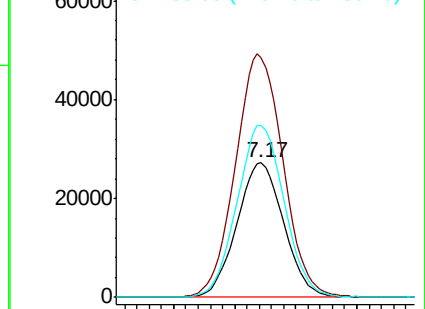
11/8/2019 9:39:29 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.176 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059127.D

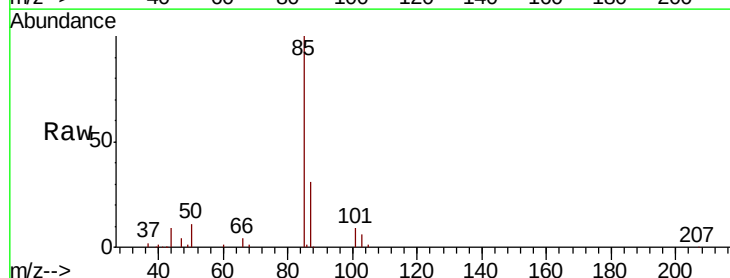
Acq: 7 Nov 2019 17:22

Tgt Ion: 85 Resp: 78994

Ion Ratio Lower Upper

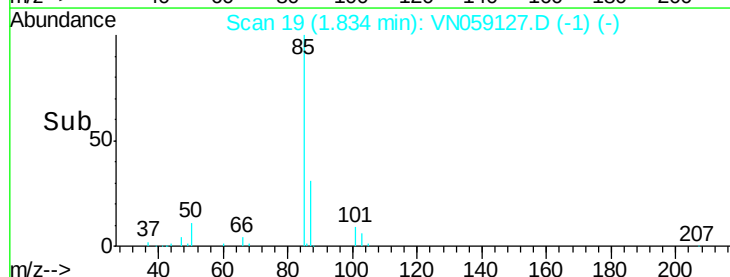
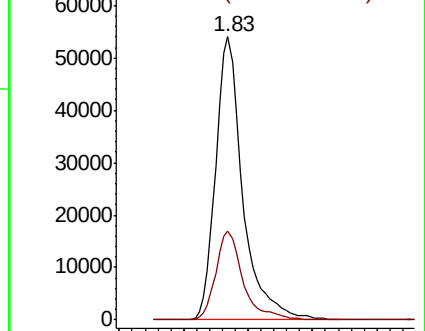
85 100

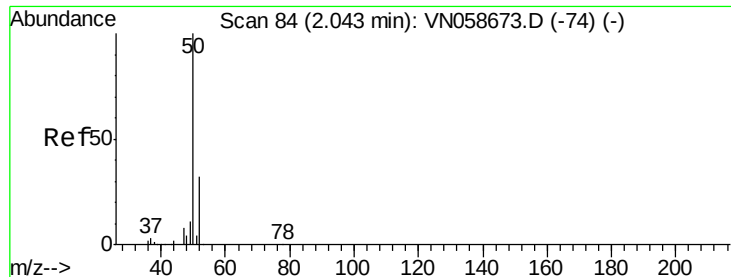
87 31.2 15.7 47.0



Abundance Ion 85.00 (84.70 to 85.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#3

Chloromethane

Concen: 20.533 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 107387

Ion Ratio Lower Upper

50 100

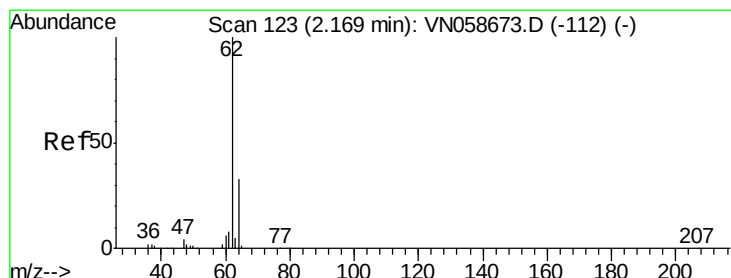
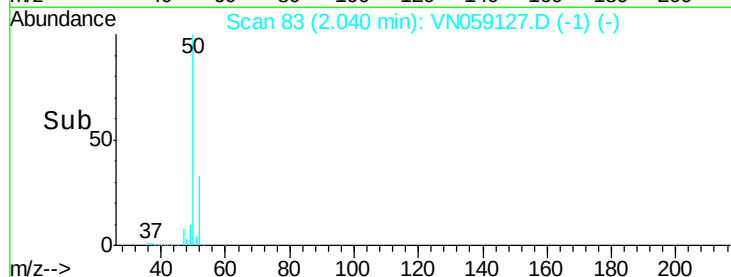
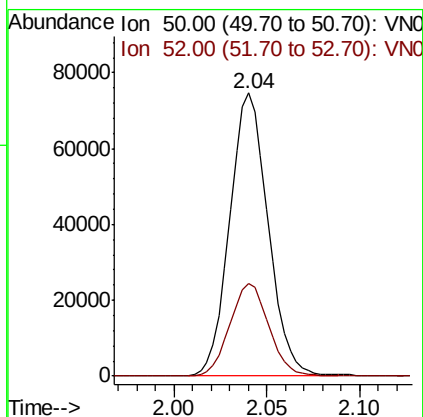
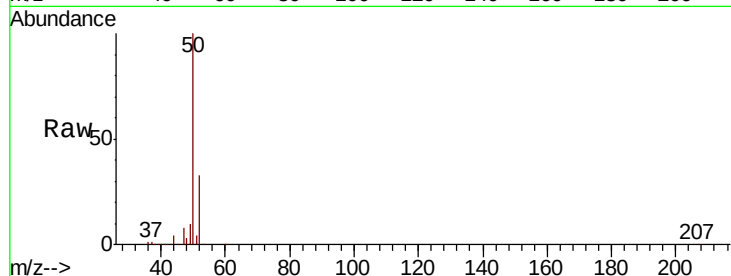
52 32.9 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.612 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059127.D

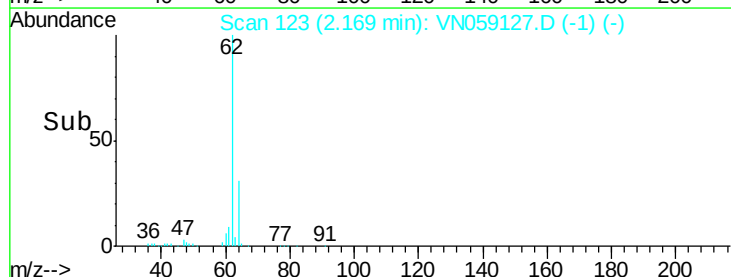
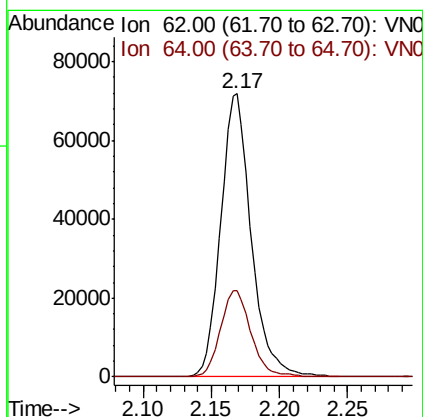
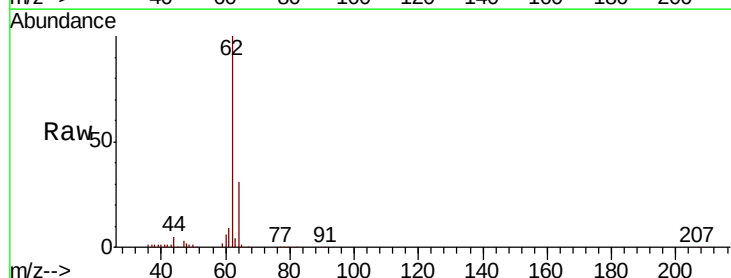
Acq: 7 Nov 2019 17:22

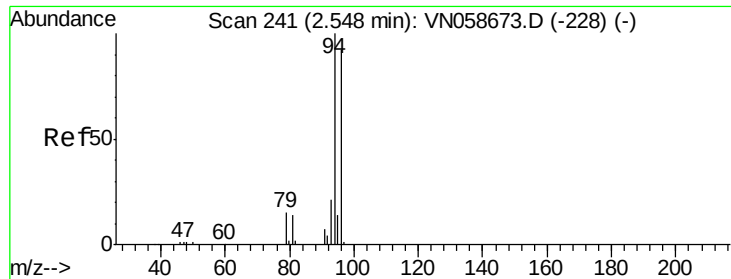
Tgt Ion: 62 Resp: 111414

Ion Ratio Lower Upper

62 100

64 30.6 26.1 39.1





#5

Bromomethane

Concen: 13.924 ug/l m

RT: 2.53 min Scan# 236

Delta R.T. -0.02 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 94 Resp: 46468

Ion Ratio Lower Upper

94 100

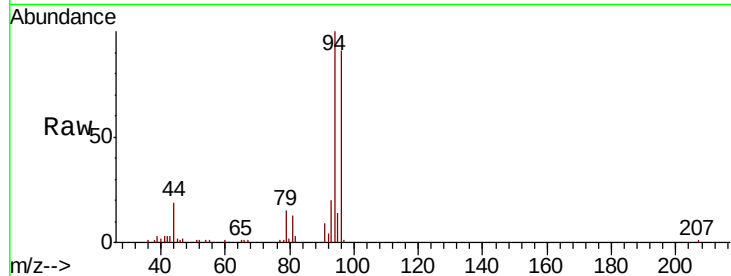
96 91.5 73.7 110.5

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

25000

20000

15000

10000

5000

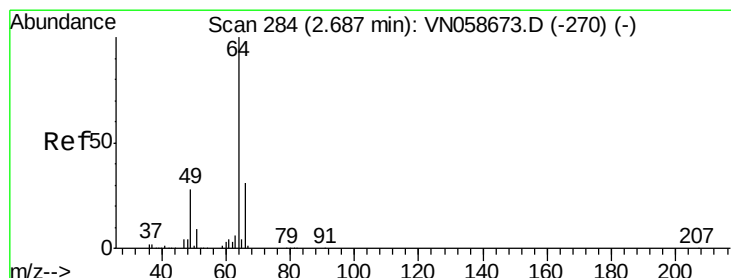
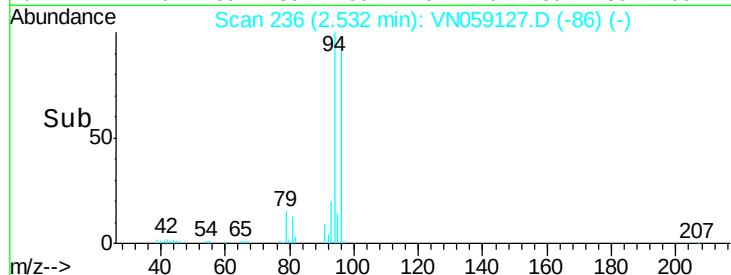
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Time-->

2.50

2.53

2.60



#6

Chloroethane

Concen: 19.834 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN059127.D

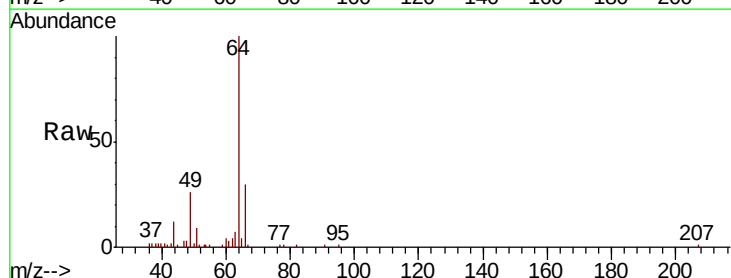
Acq: 7 Nov 2019 17:22

Tgt Ion: 64 Resp: 67387

Ion Ratio Lower Upper

64 100

66 28.9 24.6 36.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

30000

20000

10000

0

Time-->

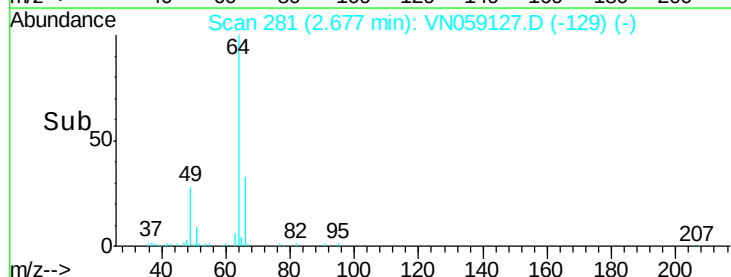
2.60

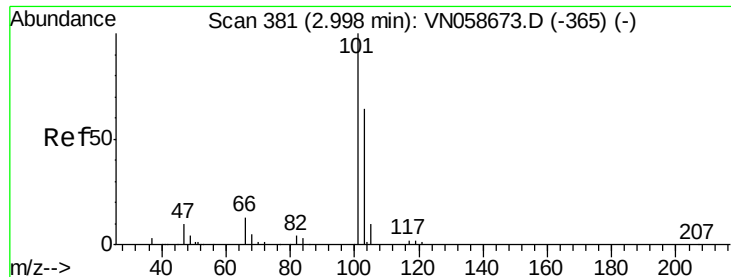
2.65

2.68

2.75

2.80





#7

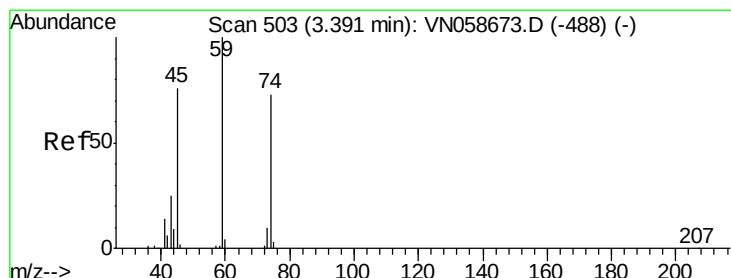
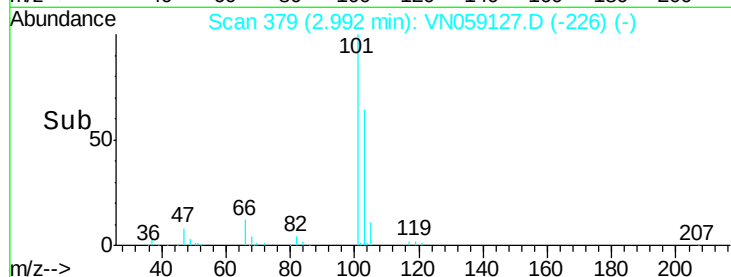
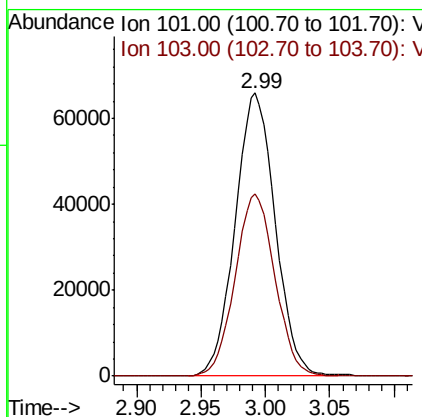
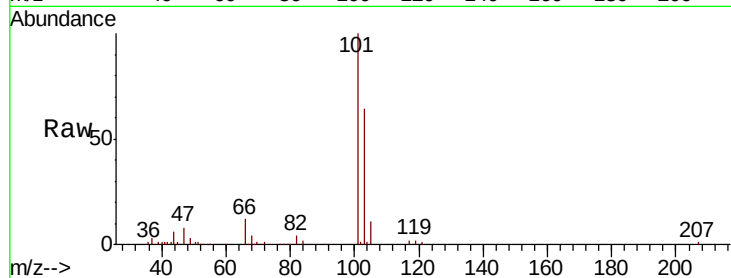
Trichlorofluoromethane
 Concen: 21.400 ug/l
 RT: 2.99 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.5	77.3

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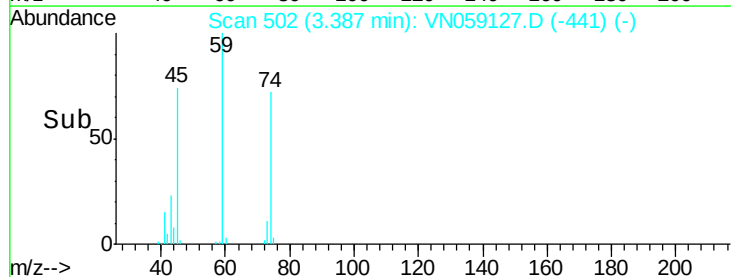
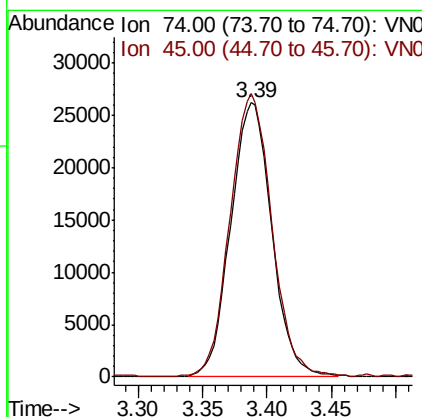
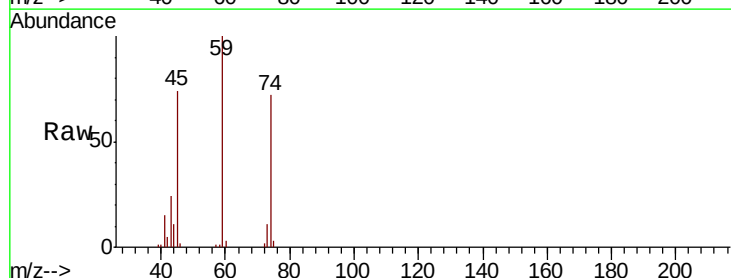
MMDadoda
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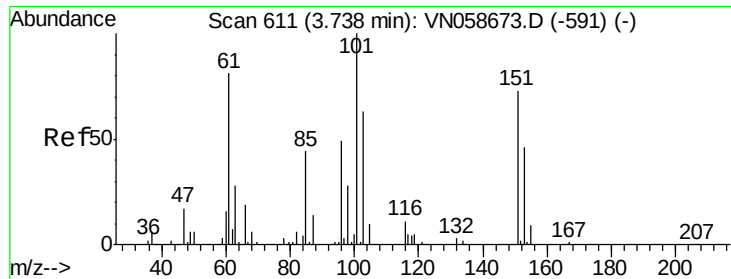


#8

Diethyl Ether
 Concen: 22.869 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.5	20.6	185.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.181 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

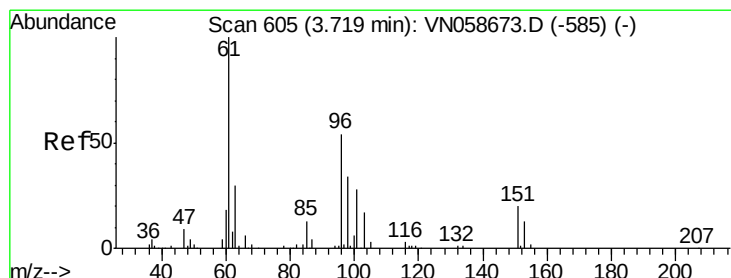
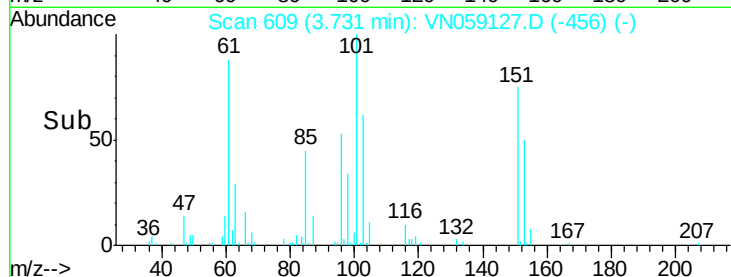
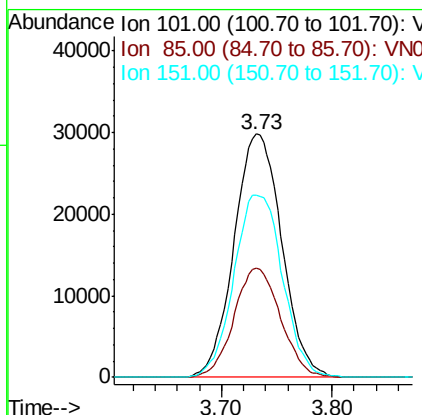
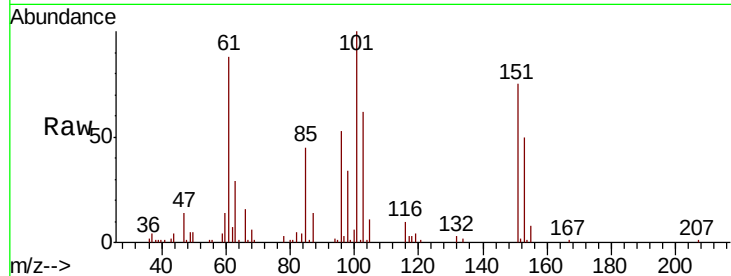
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	89238
Ion Ratio	Lower	Upper	
101	100		
85	43.9	0.0	93.8
151	76.4	0.0	149.6

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#10

1,1-Dichloroethene

Concen: 21.742 ug/l

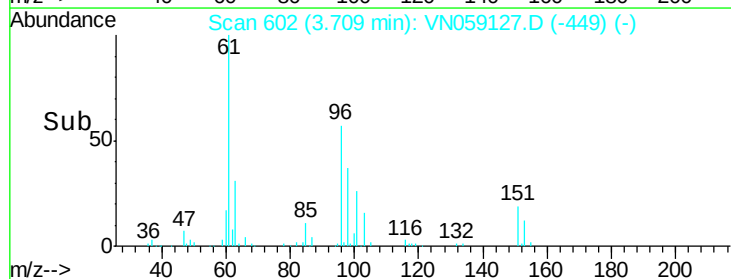
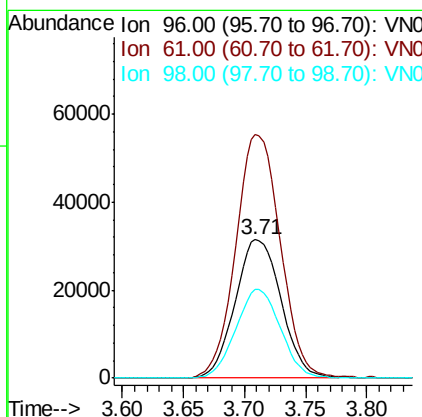
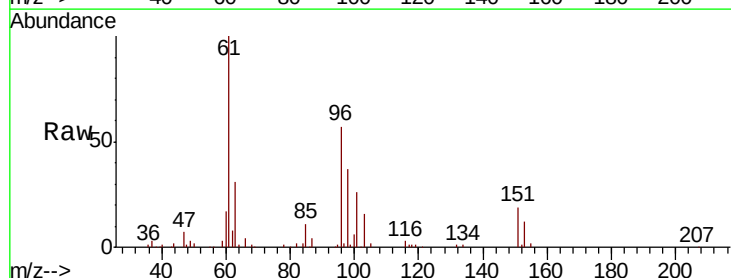
RT: 3.71 min Scan# 602

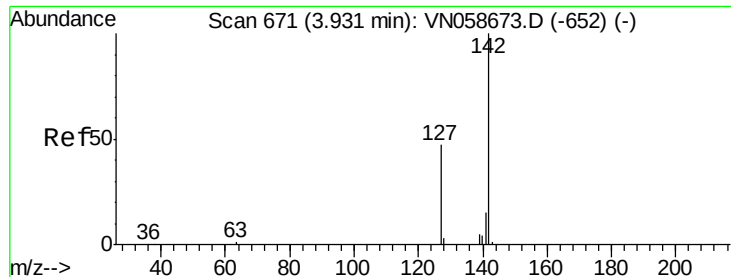
Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Tgt Ion:	96	Resp:	82204
Ion Ratio	Lower	Upper	
96	100		
61	175.8	148.5	222.7
98	64.3	51.0	76.6





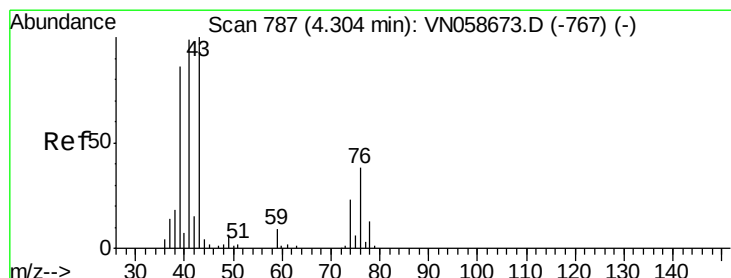
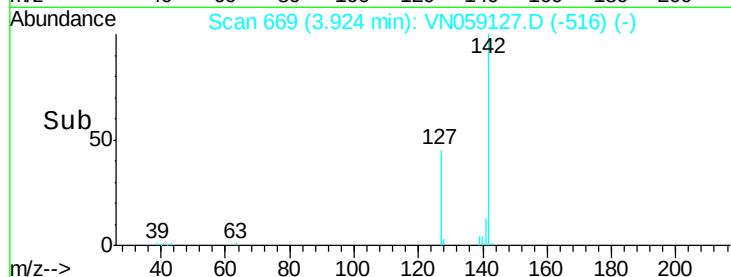
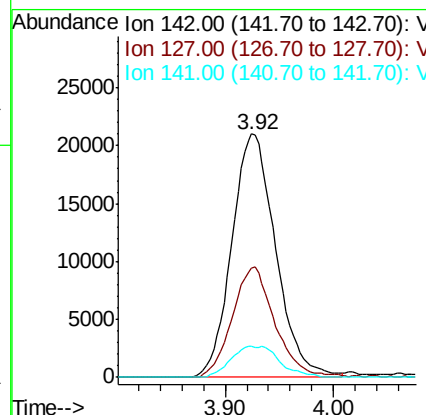
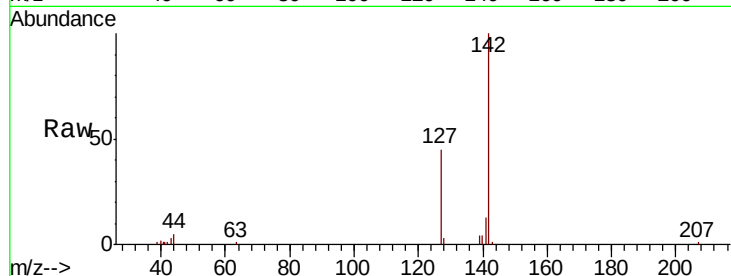
#11
Methvl Iodide
Concen: 11.307 ug/l
RT: 3.92 min Scan# 669
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.9	23.5	70.6
141	12.9	7.4	22.2

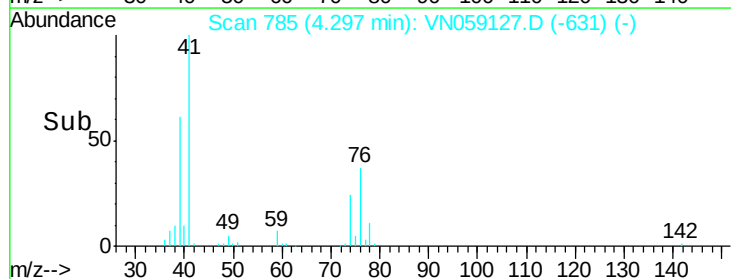
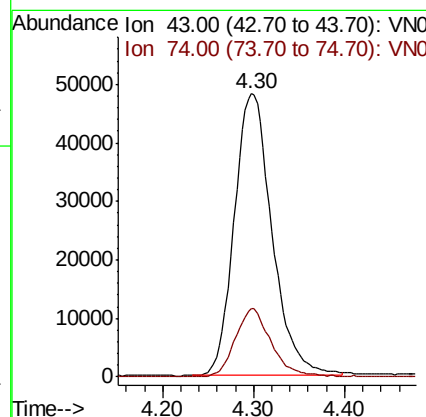
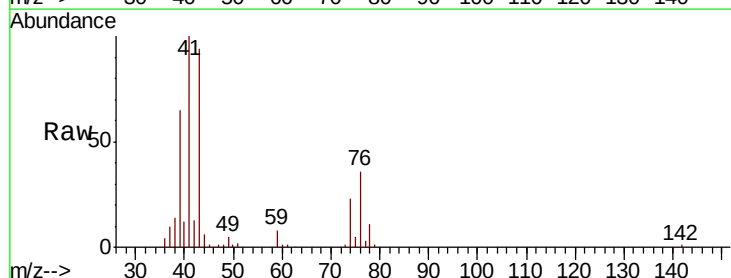
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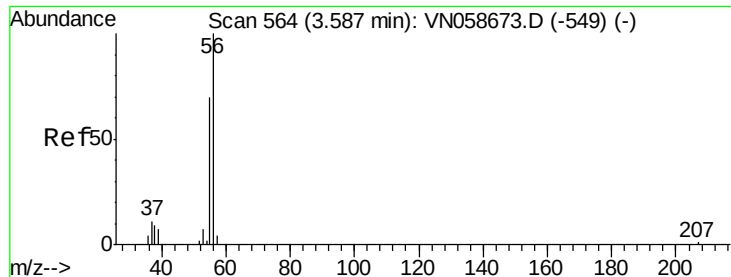
MMDadoda
11/8/2019 9:39:29 AM



#12
Methyl Acetate
Concen: 23.009 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	18.1	27.1





#13

Acrolein

Concen: 109.720 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 73335

Ion Ratio Lower Upper

56 100

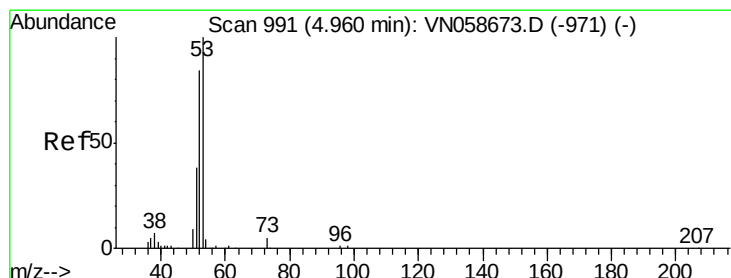
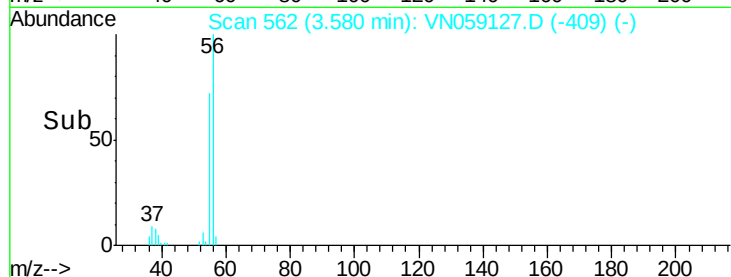
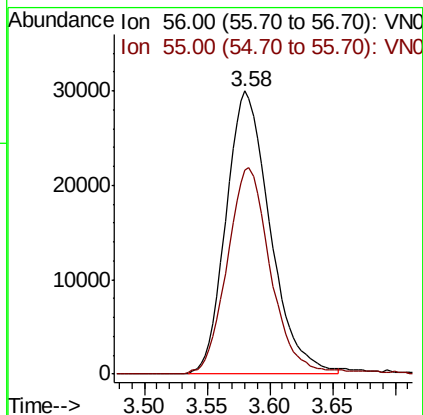
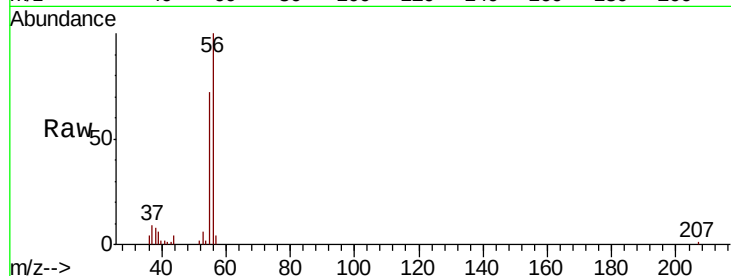
55 71.0 55.9 83.9

Manual Integrations

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#14

Acrylonitrile

Concen: 116.048 ug/l

RT: 4.96 min Scan# 990

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

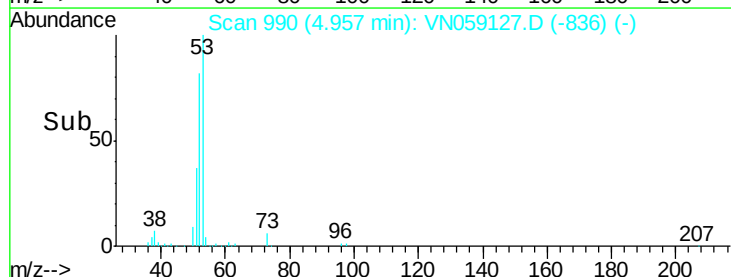
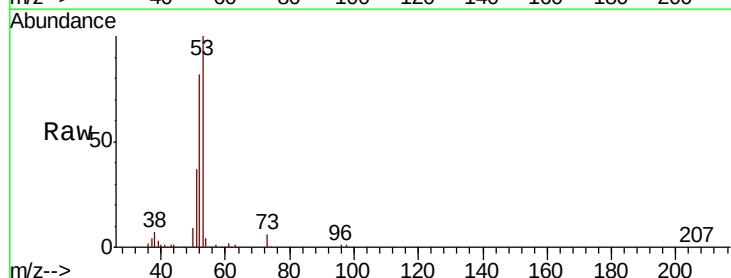
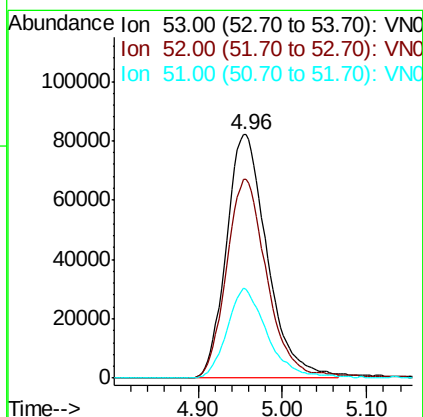
Tgt Ion: 53 Resp: 276603

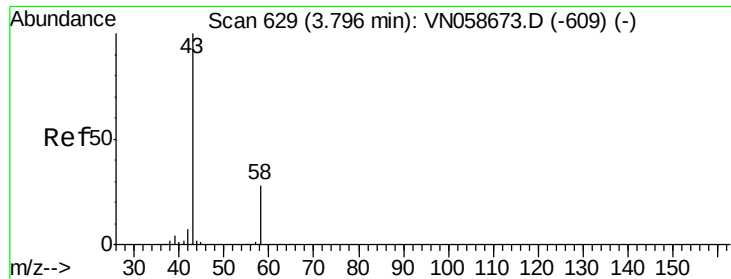
Ion Ratio Lower Upper

53 100

52 79.8 42.2 126.6

51 36.3 18.8 56.4





#15

Acetone

Concen: 120.616 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 85338

Ion Ratio Lower Upper

58 100

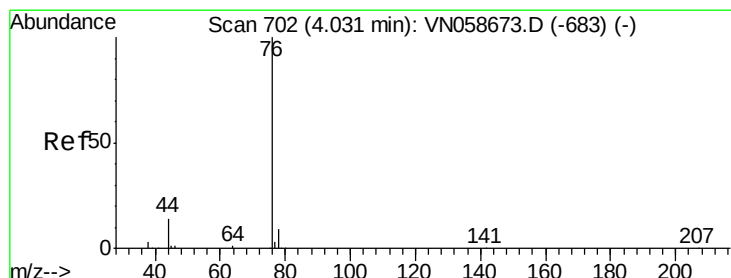
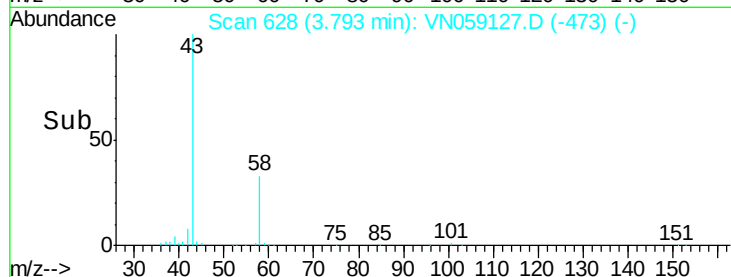
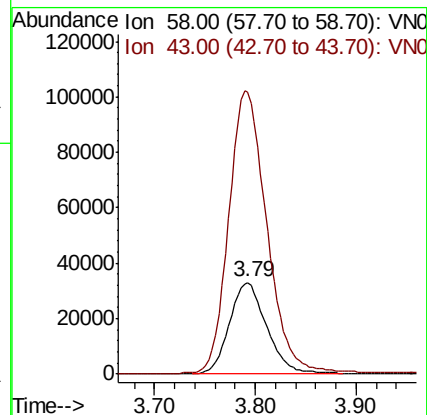
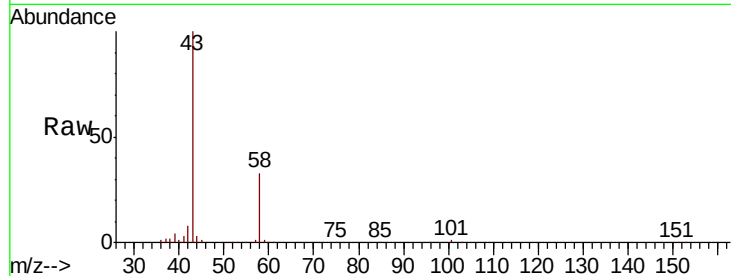
43 305.5 281.7 422.5

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#16

Carbon Disulfide

Concen: 21.437 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.01 min

Lab File: VN059127.D

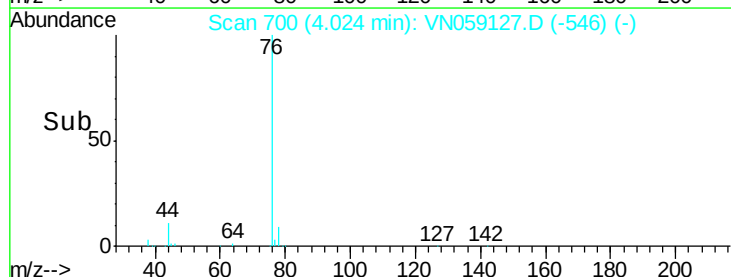
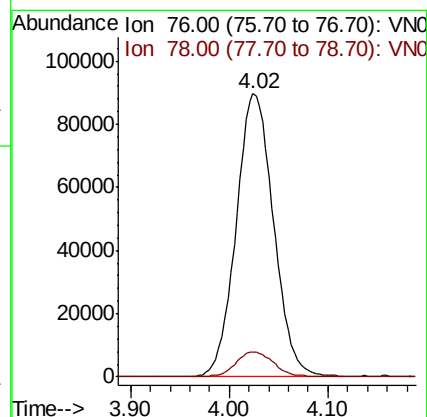
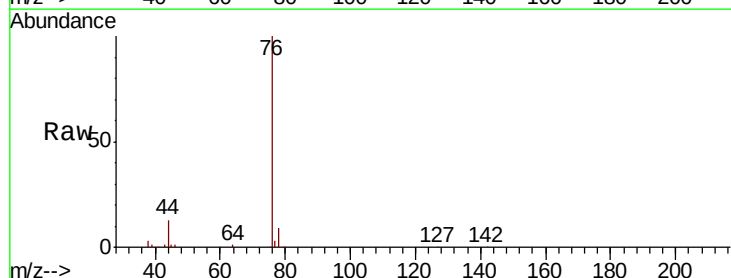
Acq: 7 Nov 2019 17:22

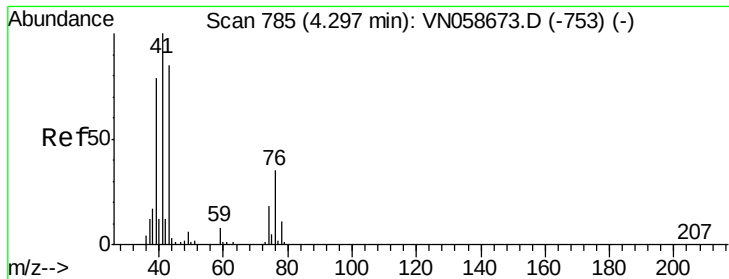
Tgt Ion: 76 Resp: 236404

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0





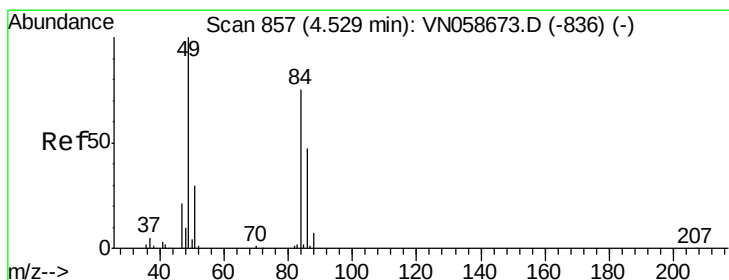
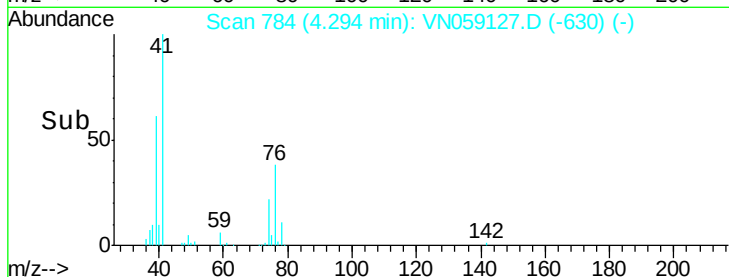
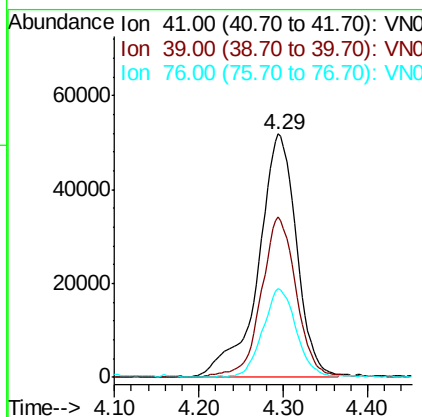
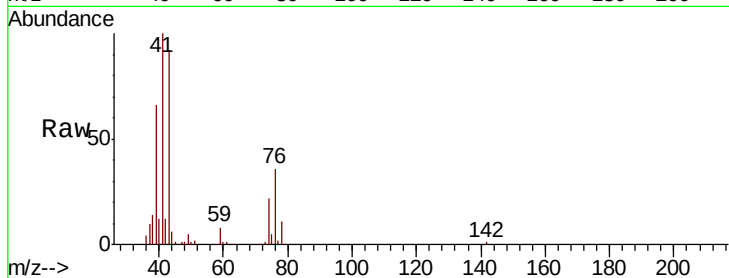
#17
Allvl chloride
Concen: 21.718 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	163439
Ion	Ratio	Lower	Upper
41	100		
39	65.6	39.6	118.8
76	36.0	17.6	52.9

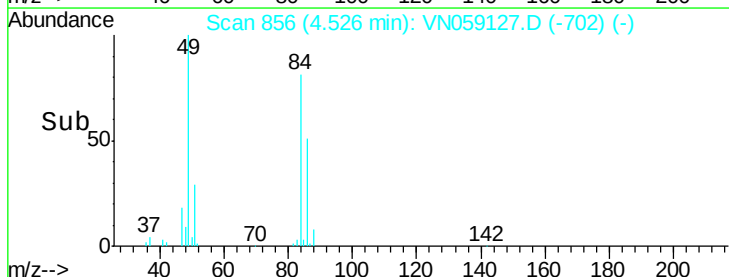
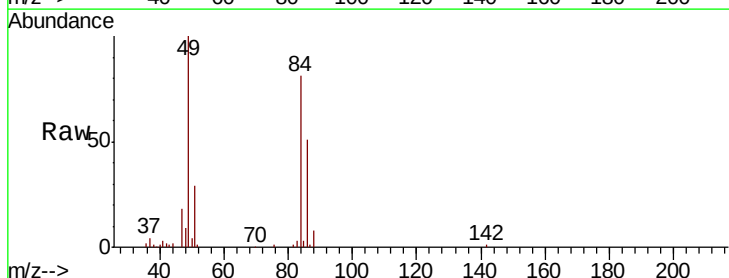
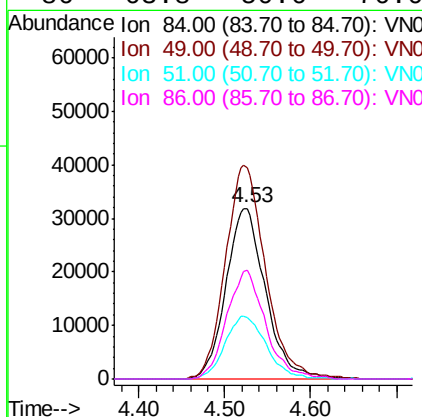
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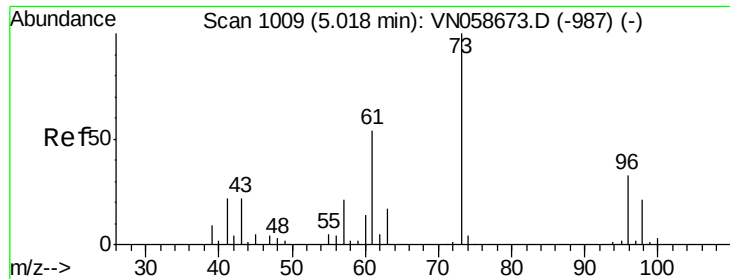
MMDadoda
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#18
Methylene Chloride
Concen: 22.145 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion:	84	Resp:	101391
Ion	Ratio	Lower	Upper
84	100		
49	123.2	106.6	160.0
51	36.0	32.4	48.6
86	63.8	50.6	76.0





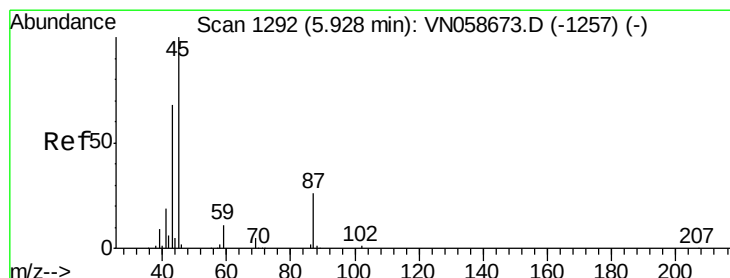
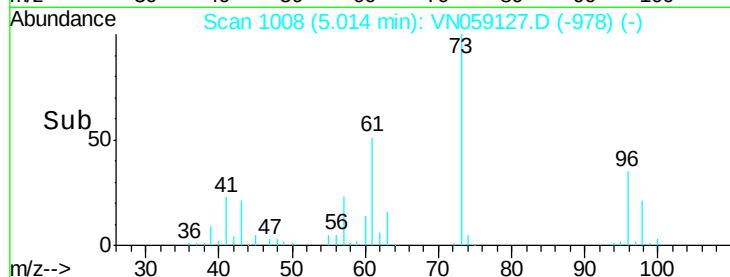
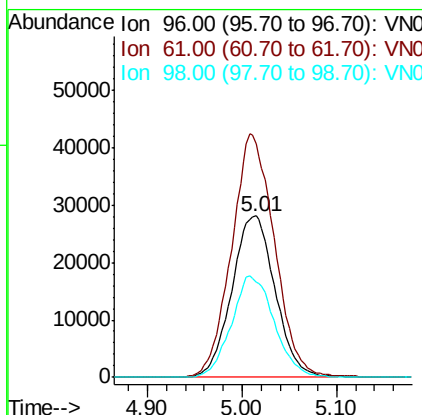
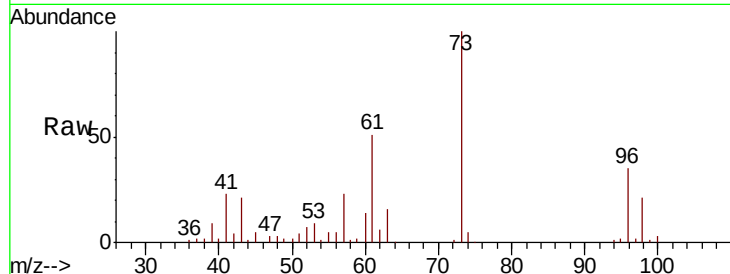
#19
trans-1,2-Dichloroethene
Concen: 21.760 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	131.8	197.6
98	58.9	52.6	79.0

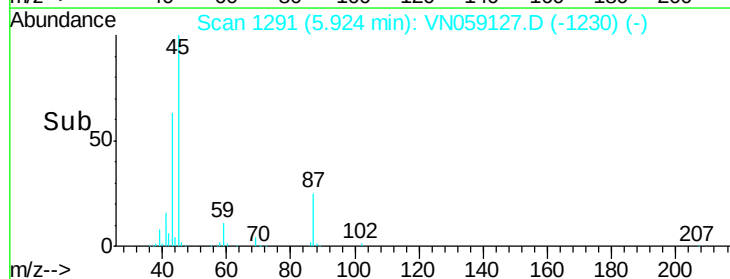
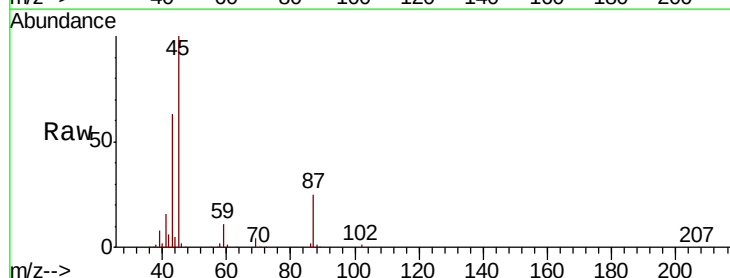
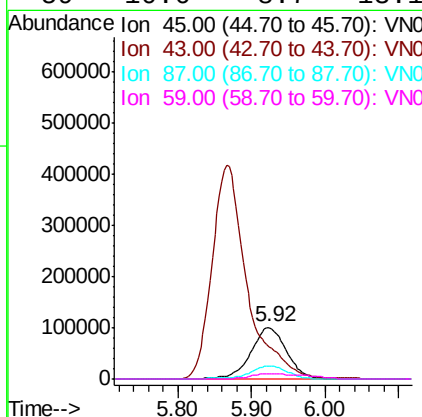
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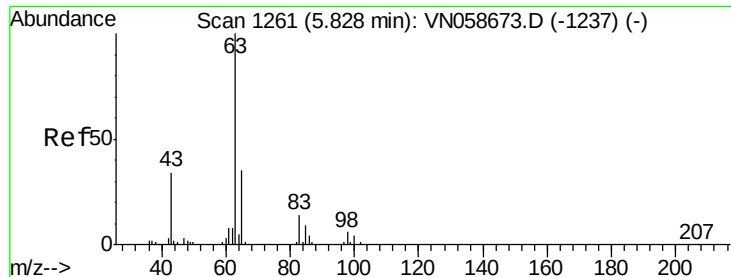
MMDadoda
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#20
Diisopropyl ether
Concen: 22.034 ug/l
RT: 5.92 min Scan# 1291
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.6	54.7	82.1
87	25.5	21.5	32.3
59	10.6	8.7	13.1





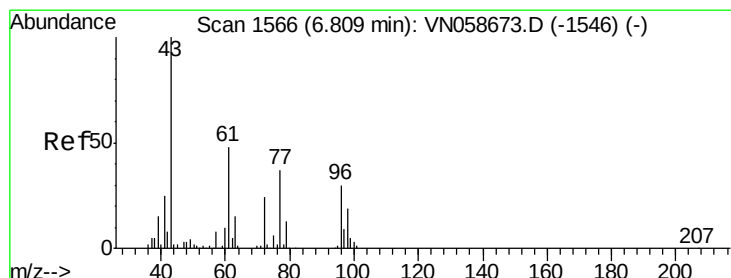
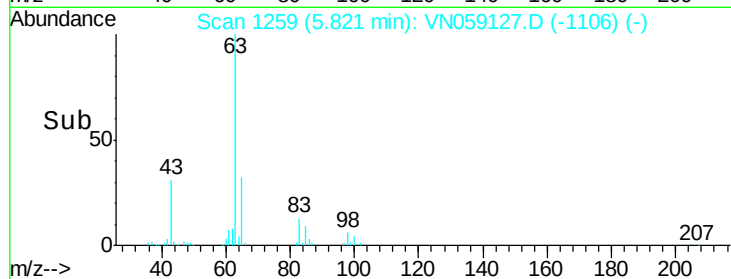
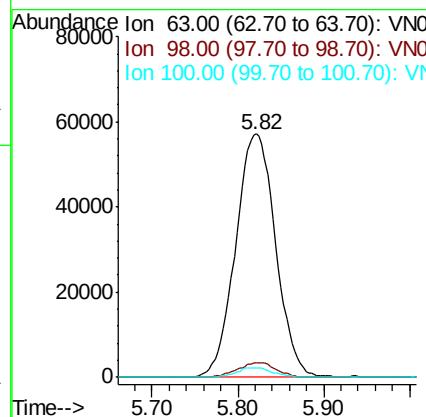
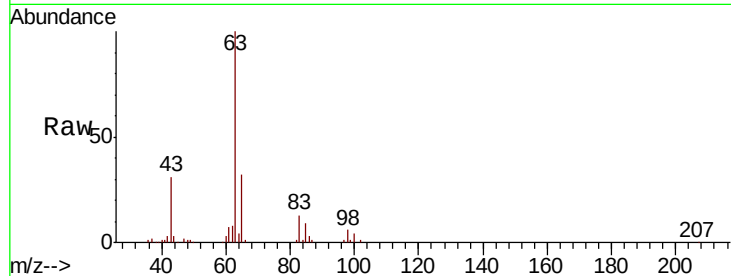
#21
 1,1-Dichloroethane
 Concen: 21.721 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
63	100	184414		
98	5.9		2.9	8.6
100	3.8		1.8	5.5

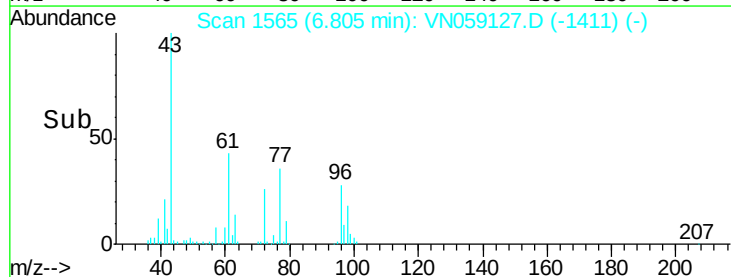
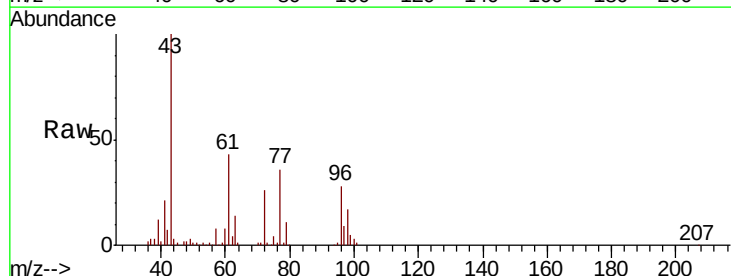
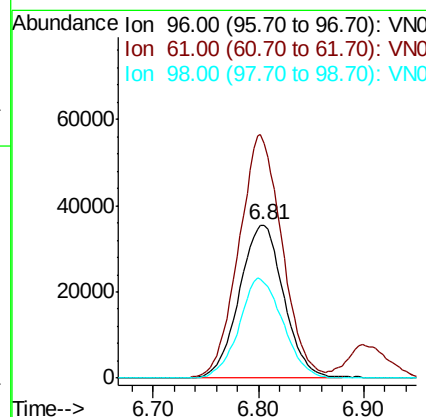
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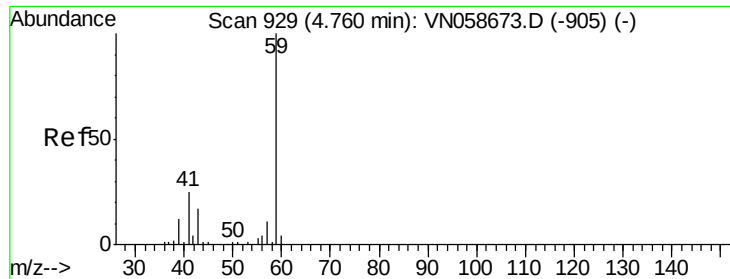
MMDadoda
 11/8/2019 9:39:29 AM



#22
 cis-1,2-Dichloroethene
 Concen: 21.152 ug/l
 RT: 6.81 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	103805		
61	155.3		127.2	190.8
98	64.1		50.5	75.7





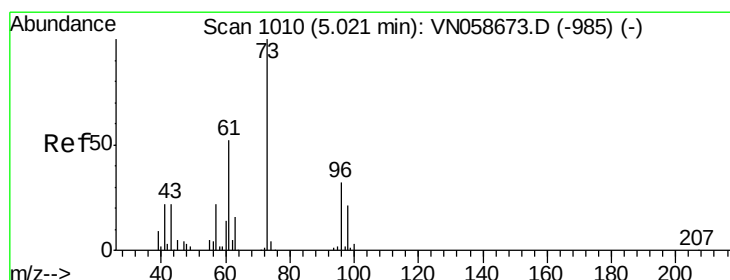
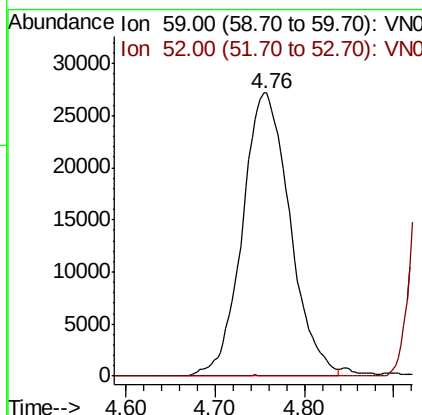
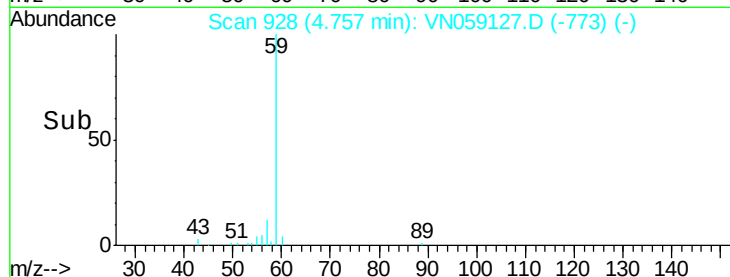
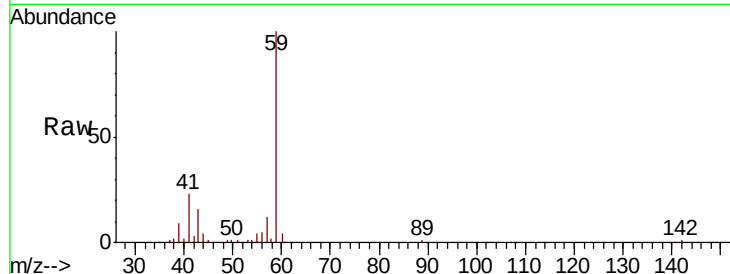
#23
tert-Butyl Alcohol
Concen: 103.301 ug/l
RT: 4.76 min Scan# 928
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 59 Resp: 100711
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

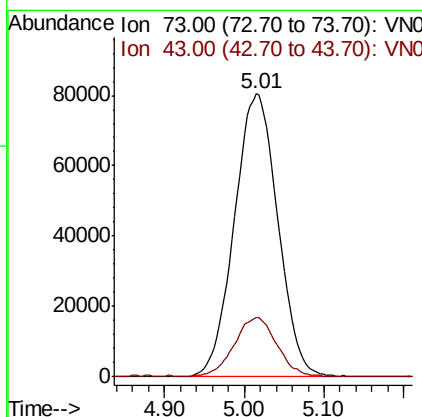
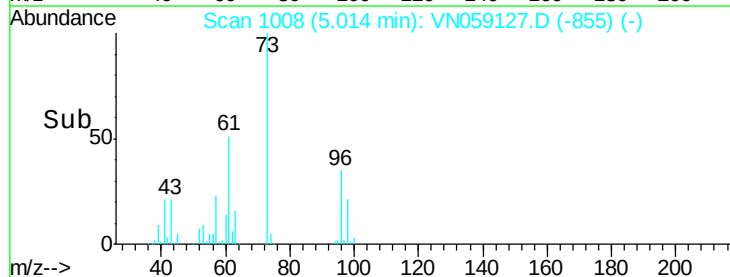
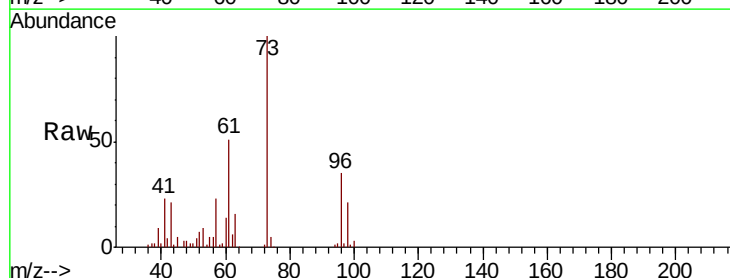
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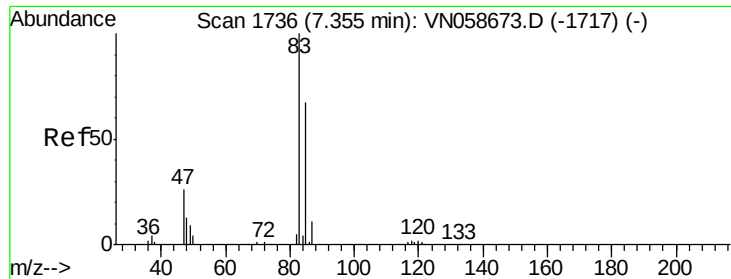
MMDadoda
11/8/2019 9:39:29 AM



#24
Methyl tert-Butyl Ether
Concen: 21.099 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion: 73 Resp: 297609
Ion Ratio Lower Upper
73 100
43 20.5 17.9 26.9





#25

Chloroform

Concen: 21.248 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 179922

Ion Ratio Lower Upper

83 100

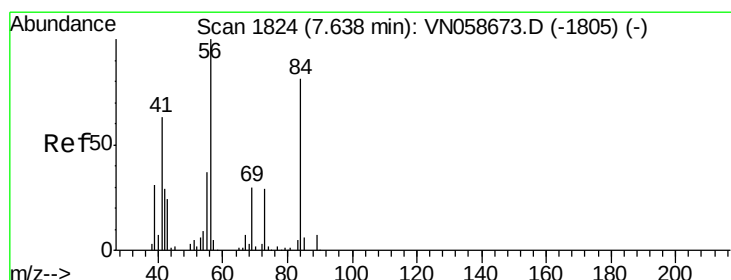
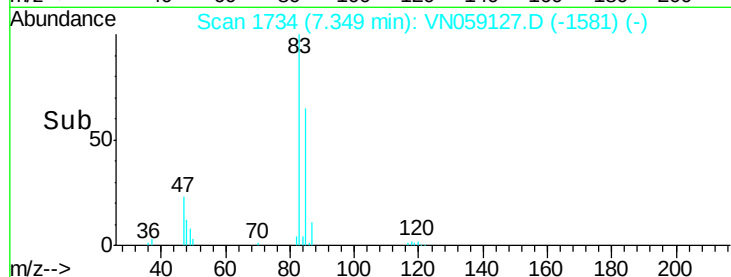
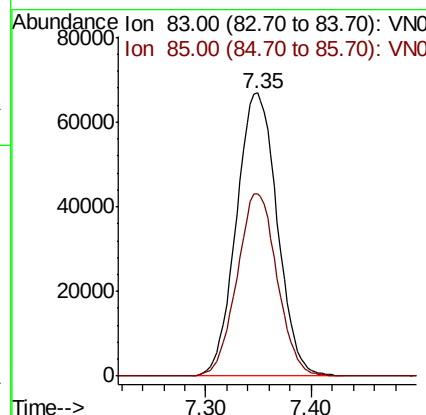
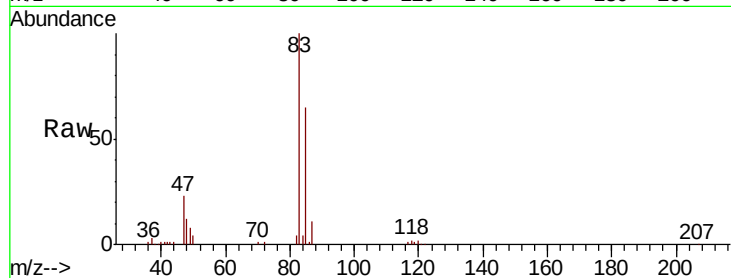
85 64.6 53.8 80.8

Manual Integrations

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#26

Cyclohexane

Concen: 20.721 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

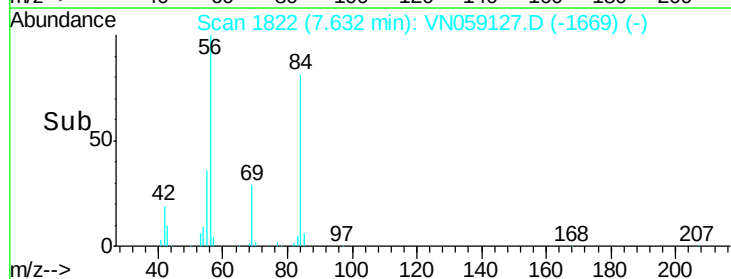
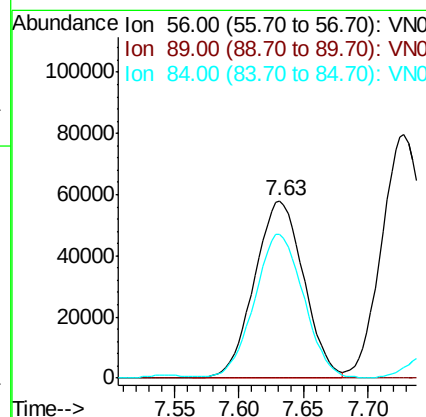
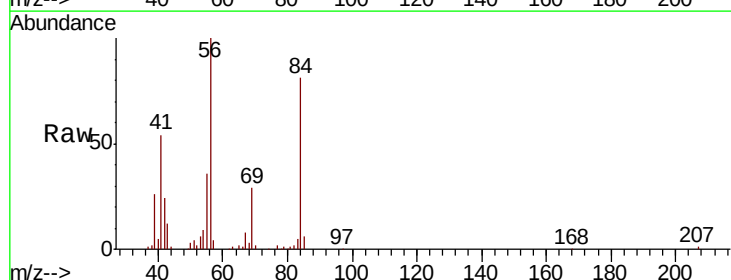
Tgt Ion: 56 Resp: 154412

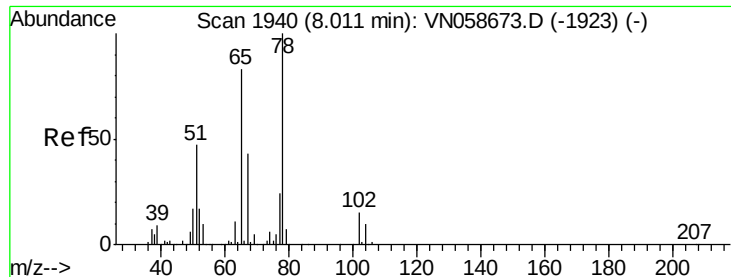
Ion Ratio Lower Upper

56 100

89 0.0 6.2 9.2#

84 81.2 65.6 98.4





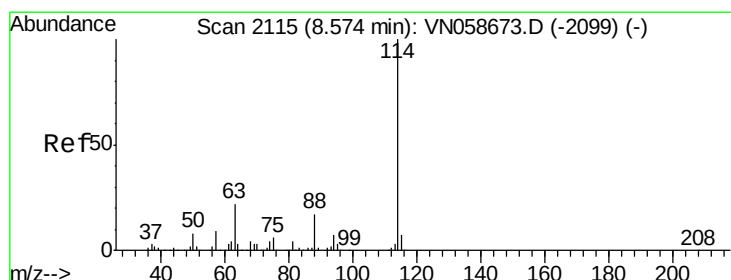
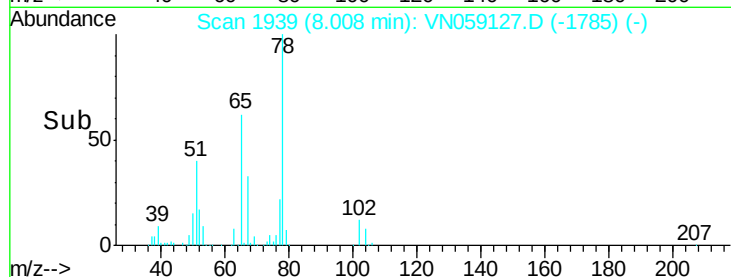
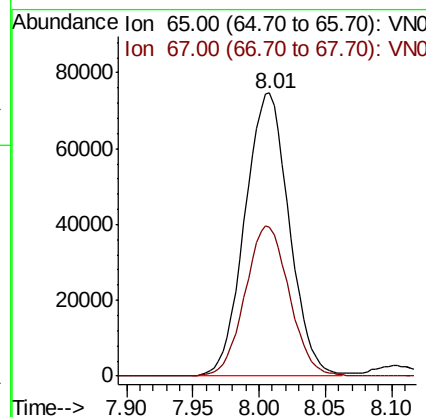
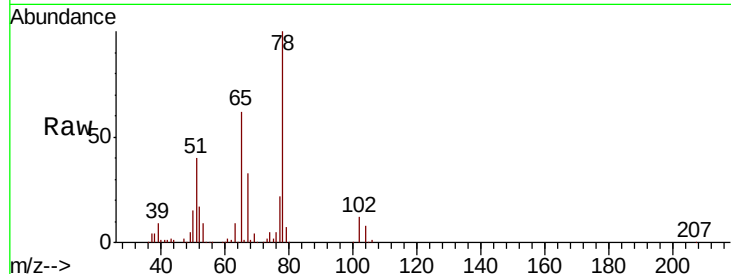
#27
 1,2-Dichloroethane-d4
 Concen: 28.274 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	41.5	62.3

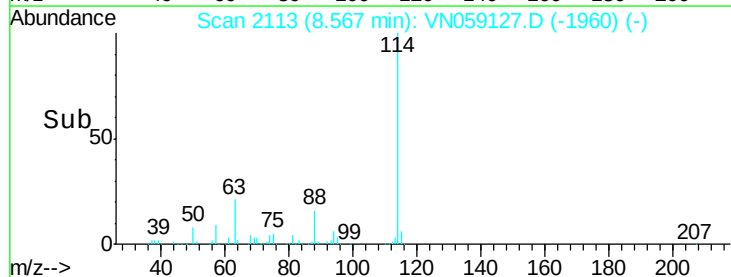
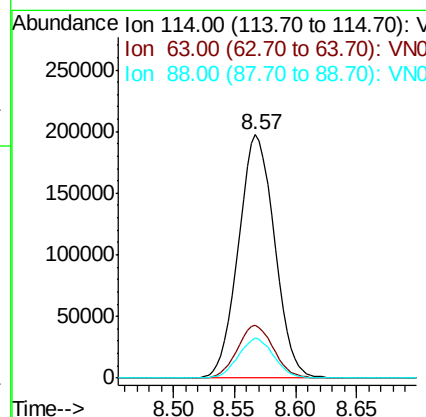
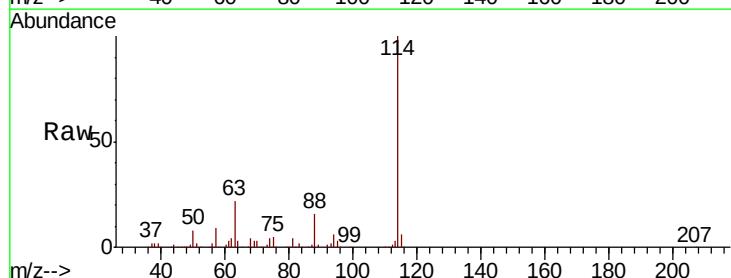
Manual Integrations
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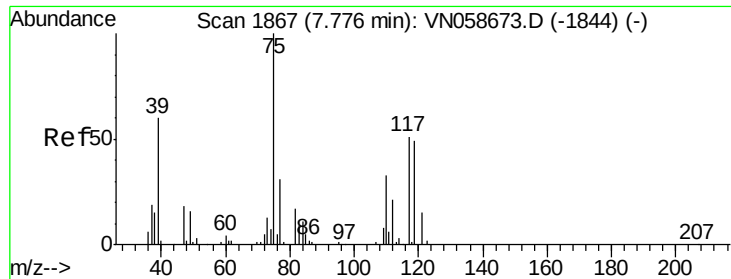
MMDadoda
 11/8/2019 9:39:29 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.7	18.1	27.1
88	16.1	13.0	19.4





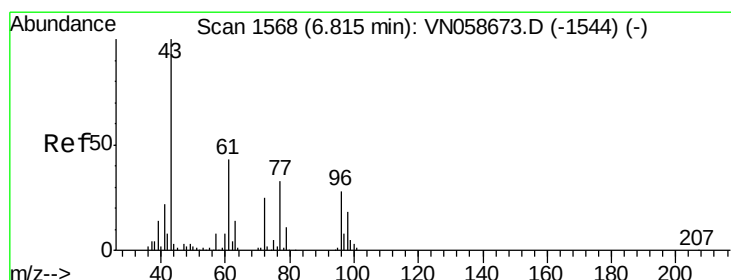
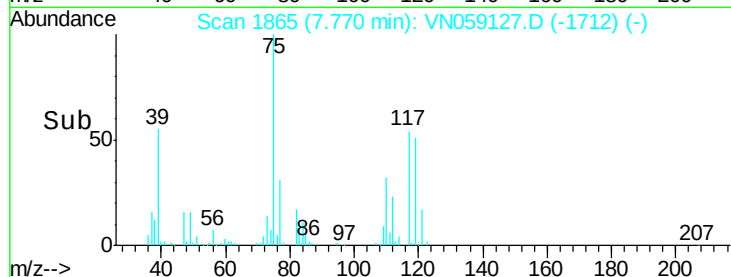
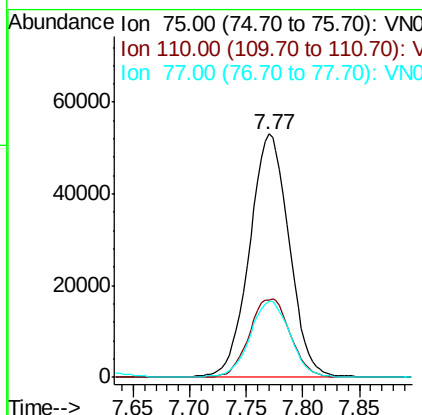
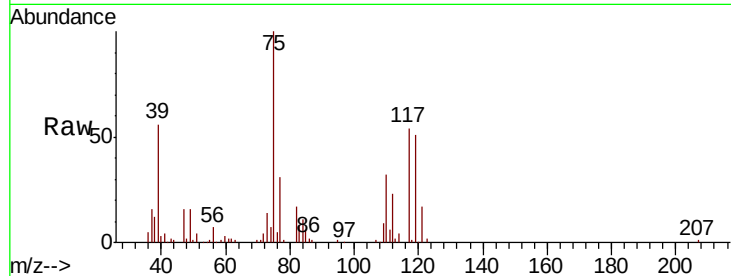
#29
 1,1-Dichloropropene
 Concen: 20.215 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	33.5	0.0	64.6
77	31.6	0.0	60.8

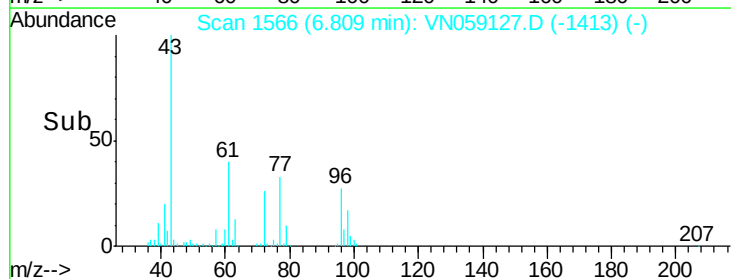
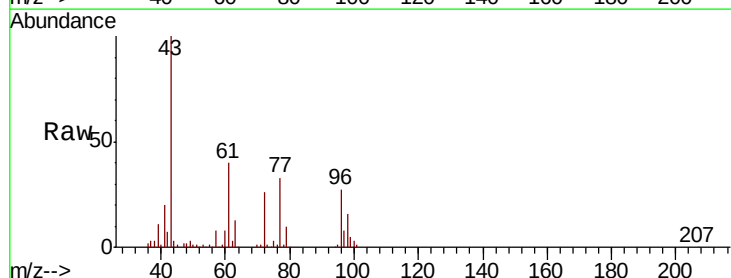
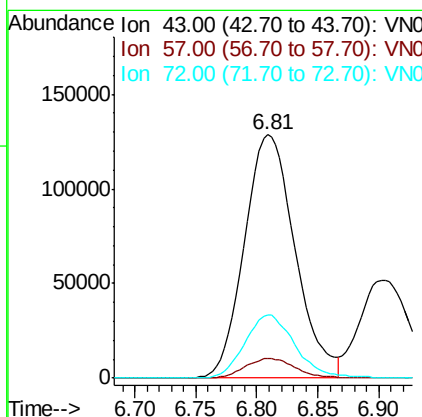
Manual Integrations
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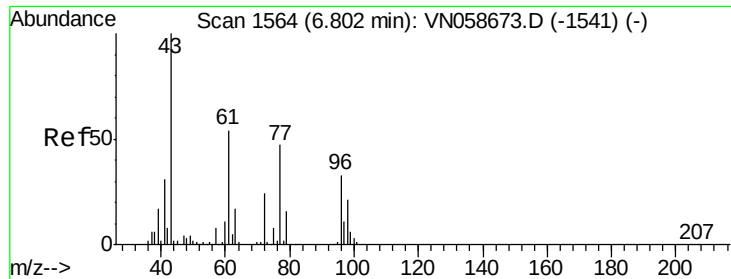
MMDadoda
 11/8/2019 9:39:29 AM



#30
 2-Butanone
 Concen: 102.046 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.1	6.5	9.7
72	26.0	20.1	30.1





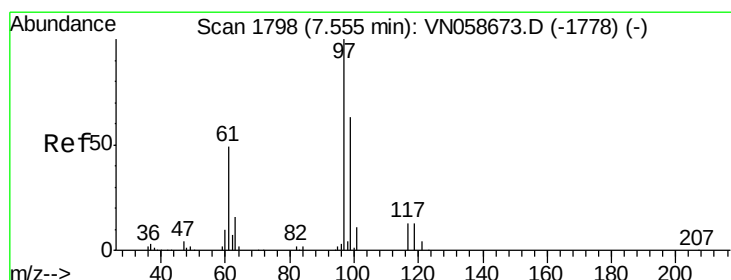
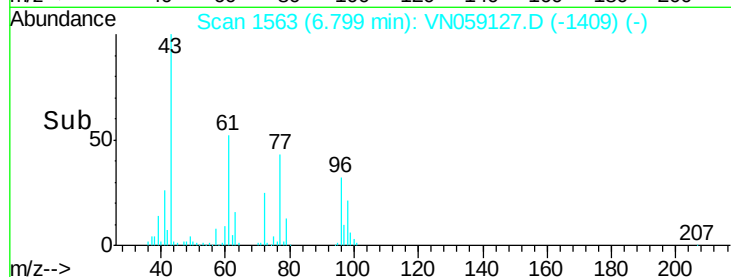
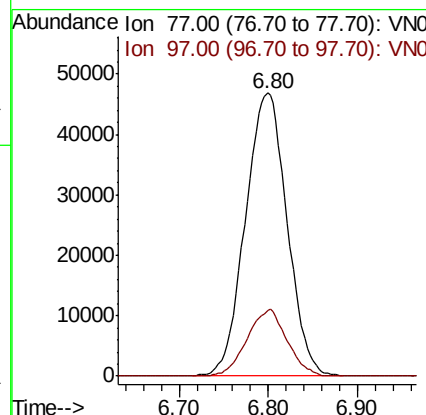
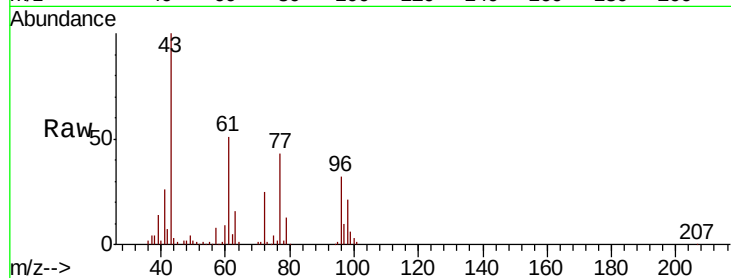
#31
 2,2-Dichloropropane
 Concen: 20.232 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
77	100		
97	22.7	17.9	26.9

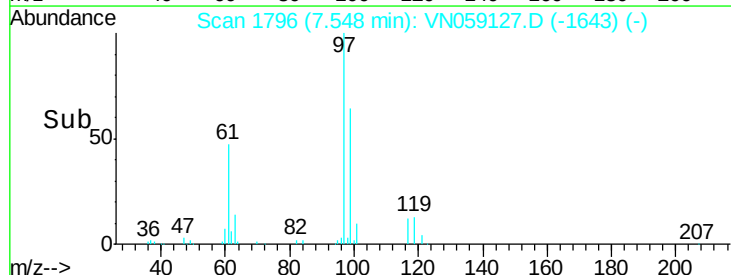
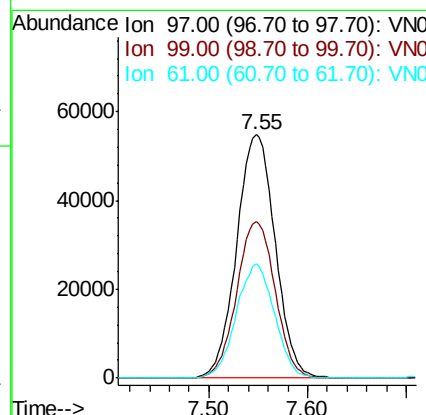
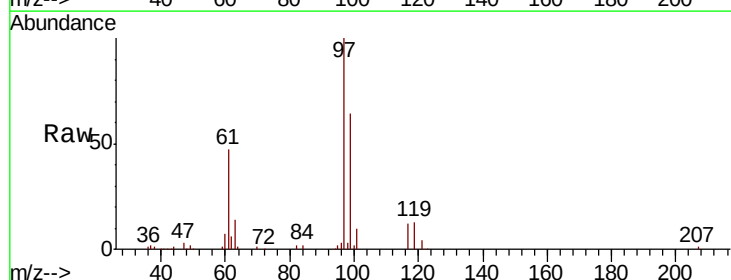
Manual Integrations
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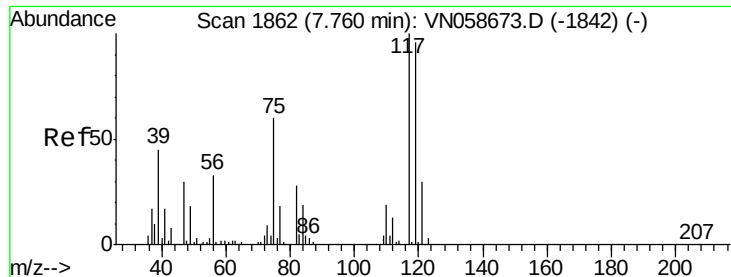
MMDadoda
 11/8/2019 9:39:29 AM



#32
 1,1,1-Trichloroethane
 Concen: 20.192 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	46.5	38.4	57.6





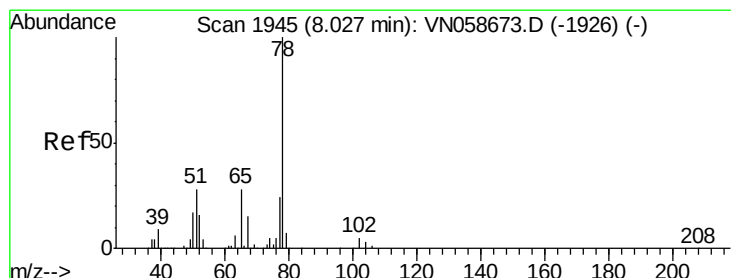
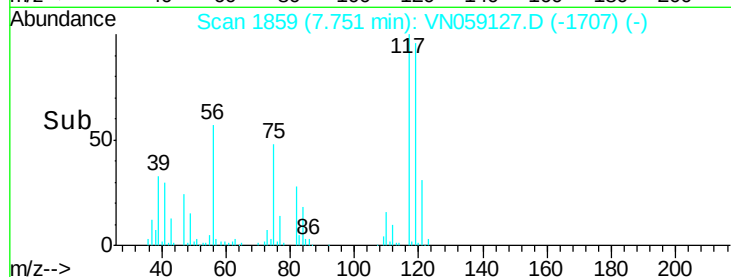
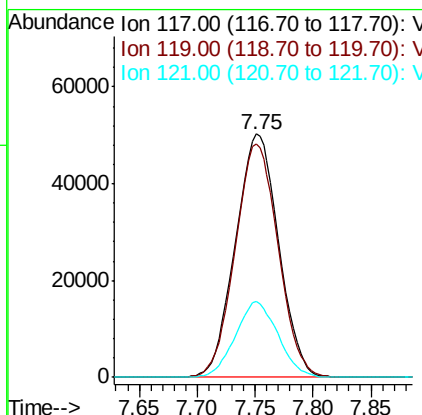
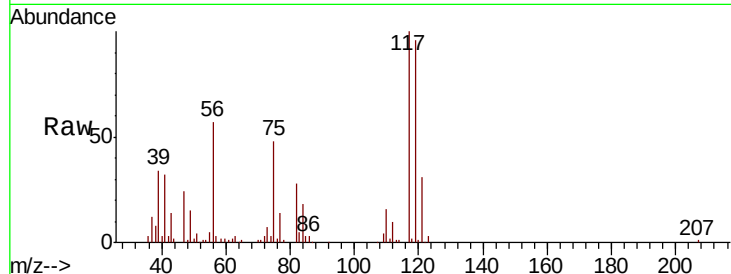
#33
Carbon Tetrachloride
Concen: 20.363 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
121	31.2	23.8	35.8

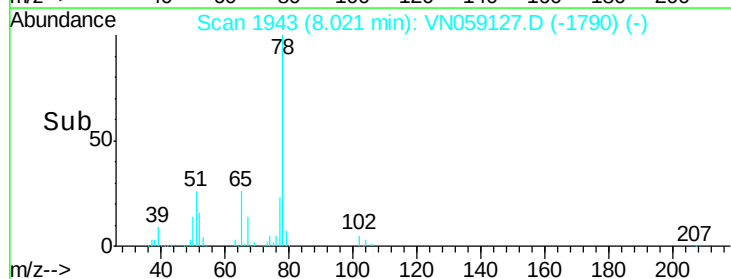
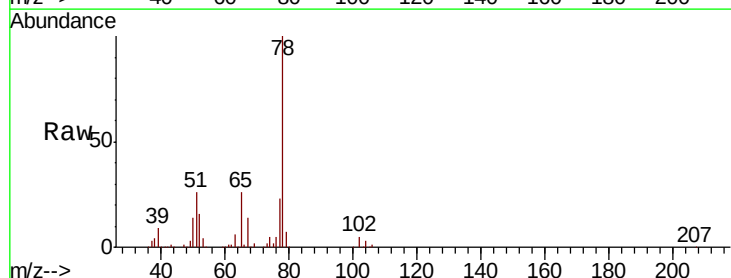
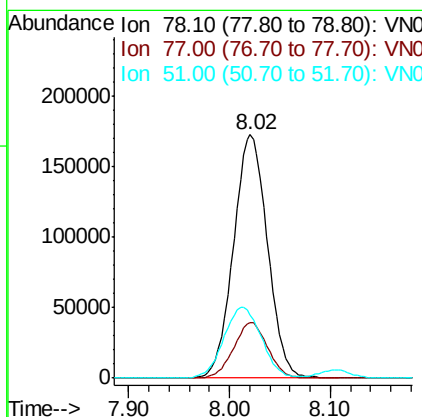
Manual Integrations
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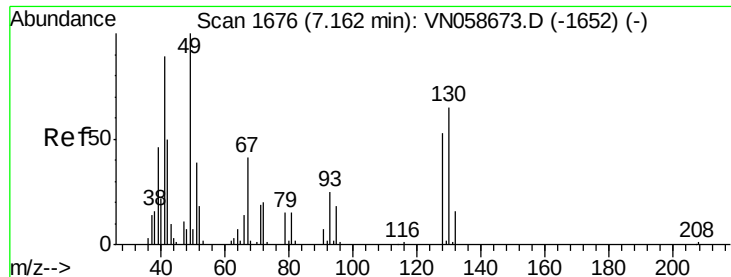
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#34
Benzene
Concen: 21.469 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.2	28.8
51	25.9	22.1	33.1





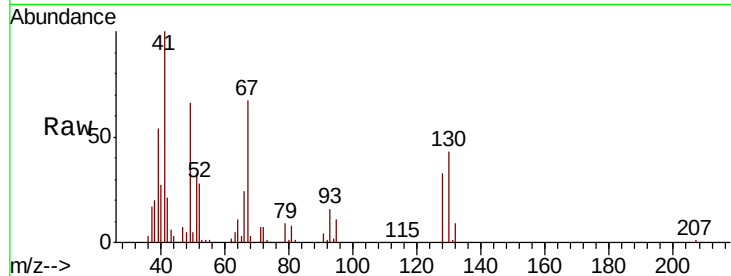
#35
Methacrylonitrile
Concen: 14.842 ug/l m
RT: 7.15 min Scan# 1671
Delta R.T. -0.02 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020EC

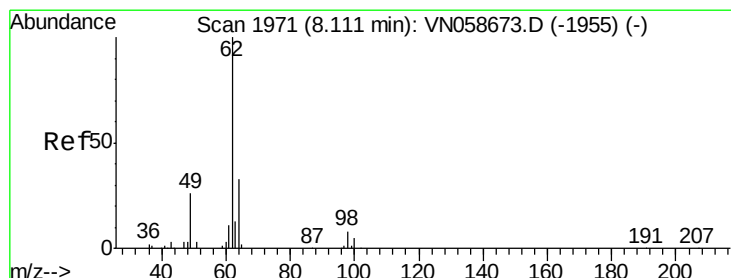
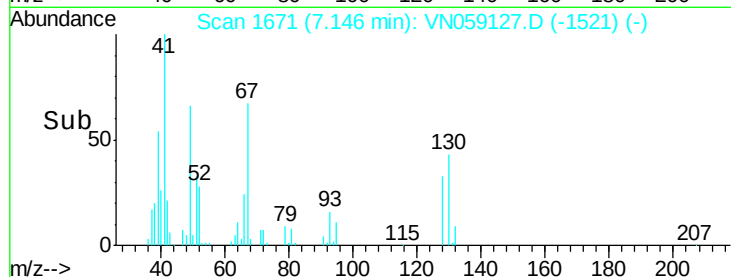
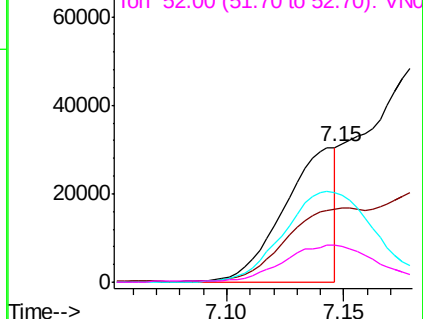
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	25.8	77.4	
67	66.9	23.0	69.0	
52	27.6	10.1	30.1	

Manual Integrations
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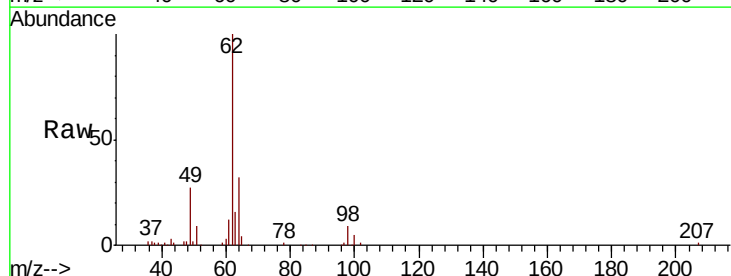


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

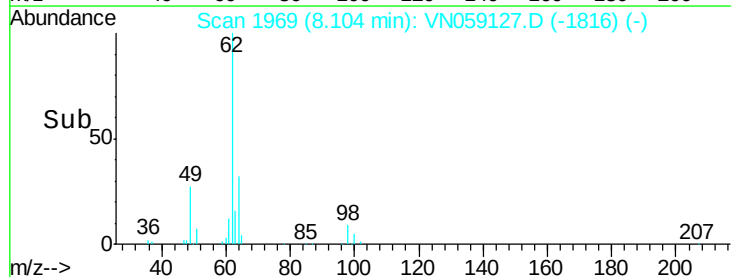
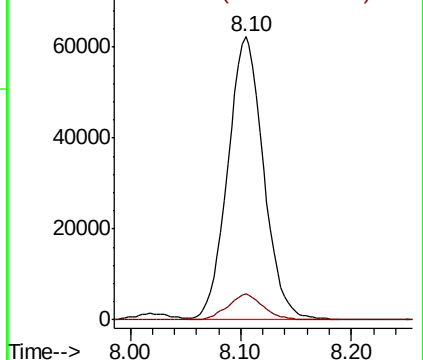


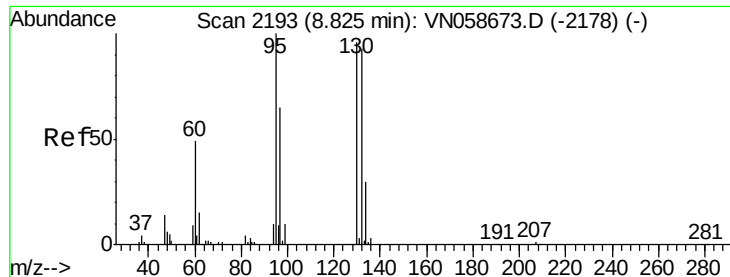
#36
1,2-Dichloroethane
Concen: 19.502 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	6.4	9.6	



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 20.746 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 95736

Ion Ratio Lower Upper

130 100

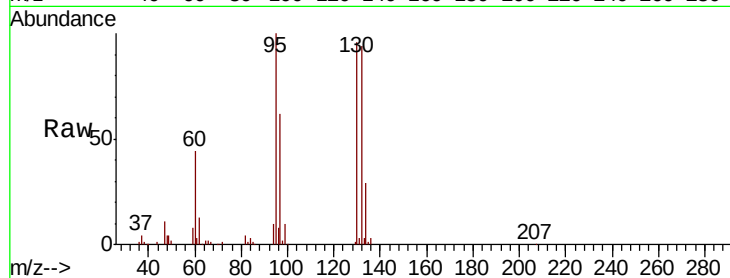
95 104.0 83.2 124.8

Manual Integrations

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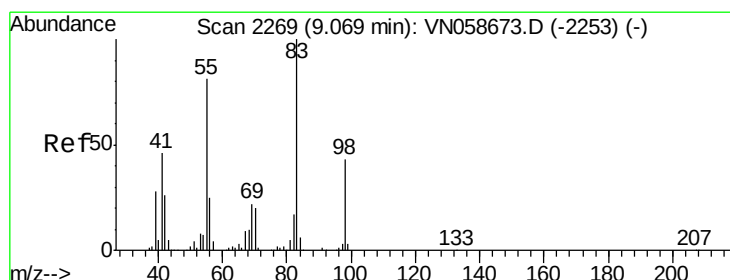
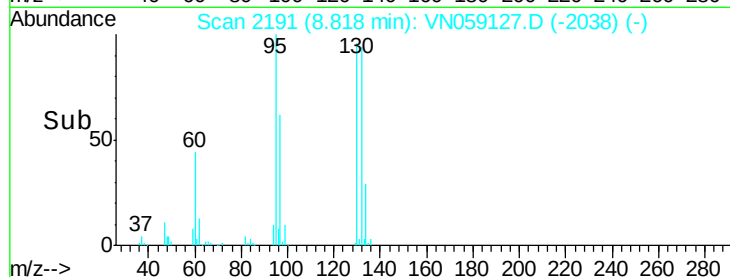
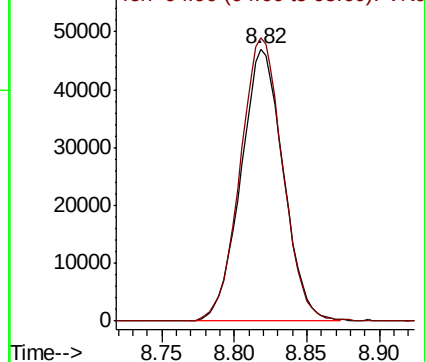
MMDadoda

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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: 20.543 ug/l

RT: 9.07 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

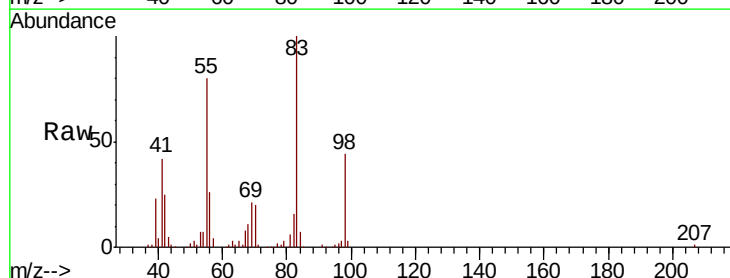
Tgt Ion: 83 Resp: 151971

Ion Ratio Lower Upper

83 100

55 80.5 40.4 121.1

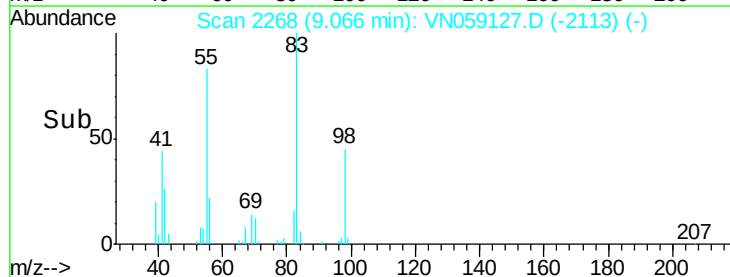
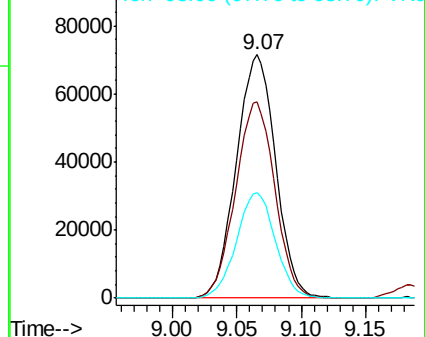
98 42.9 21.6 65.0

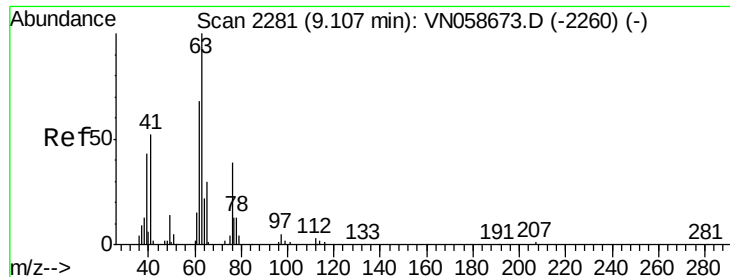


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN





#39

1,2-Dichloropropane

Concen: 21.441 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 110062

Ion Ratio Lower Upper

63 100

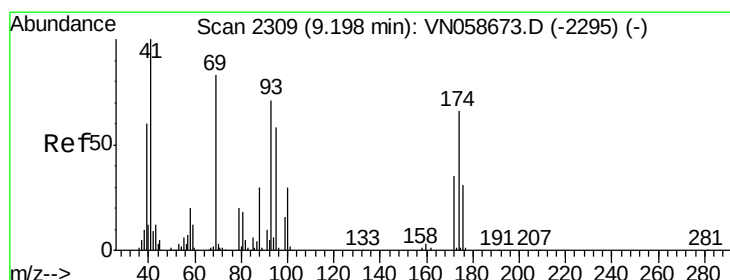
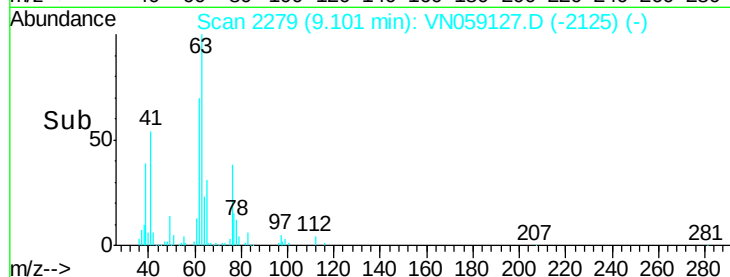
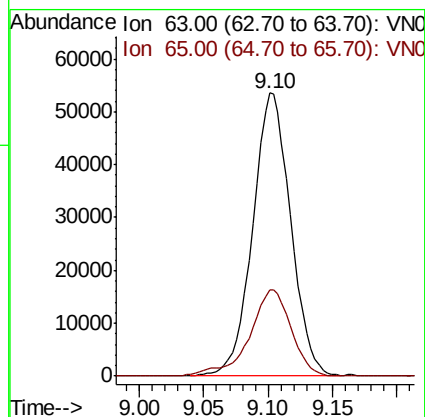
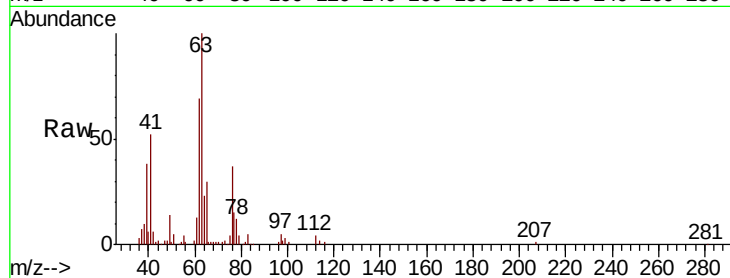
65 30.4 23.8 35.6

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#40

Dibromomethane

Concen: 20.409 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

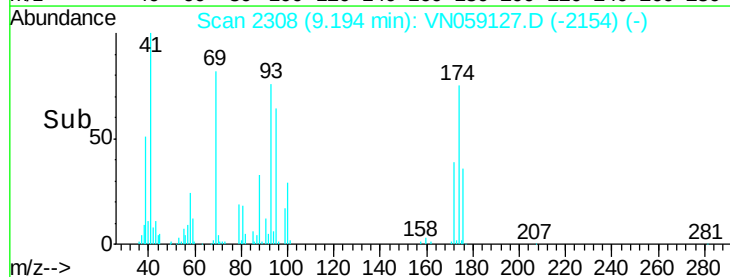
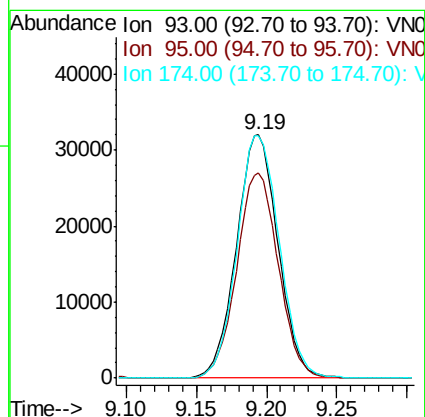
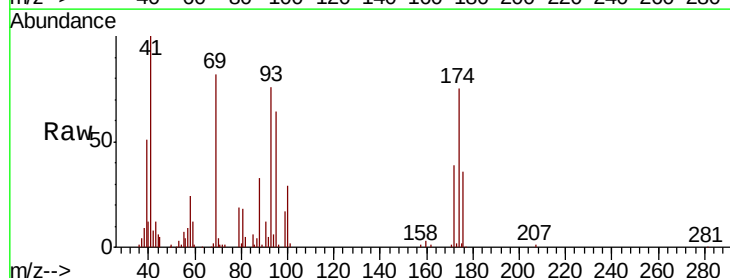
Tgt Ion: 93 Resp: 66138

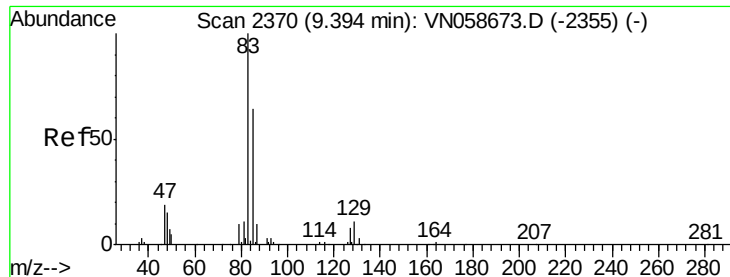
Ion Ratio Lower Upper

93 100

95 84.1 0.0 167.6

174 100.9 0.0 187.2





#41

Bromodichloromethane

Concen: 20.769 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

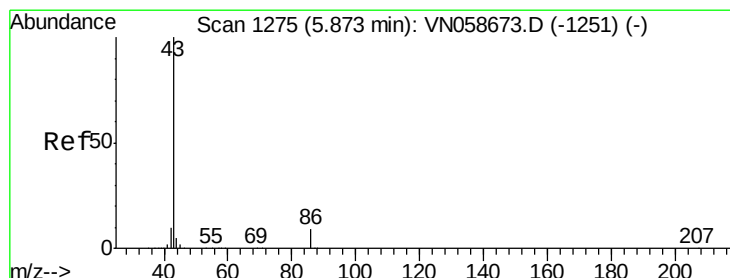
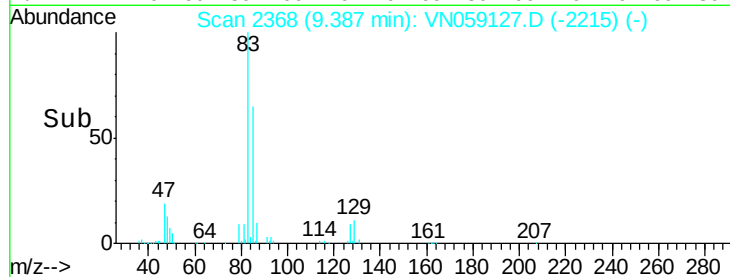
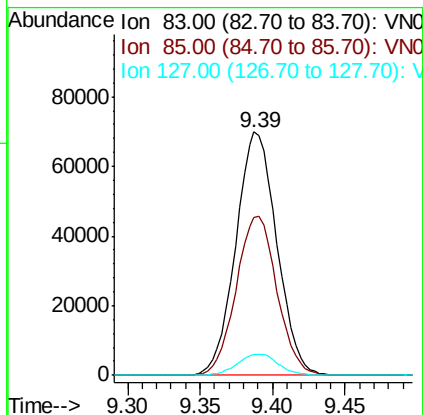
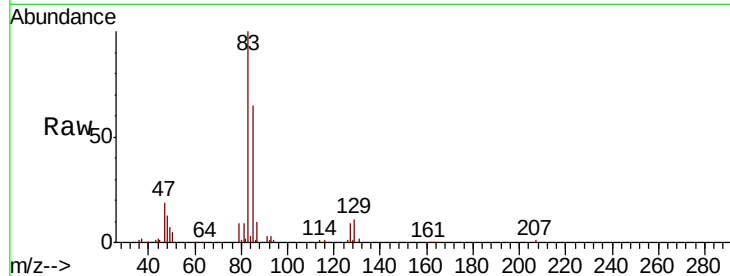
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	137498
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.0	76.4
127	8.5	6.6	9.8

Manual Integrations
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#42

Vinyl Acetate

Concen: 108.878 ug/l

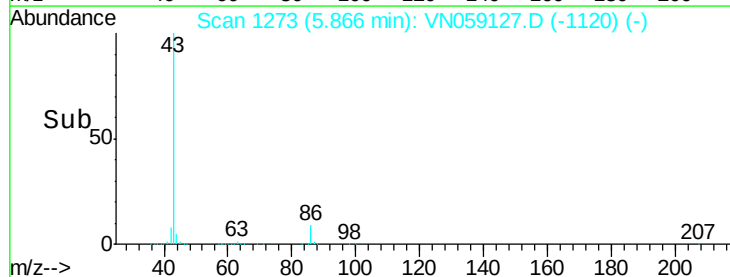
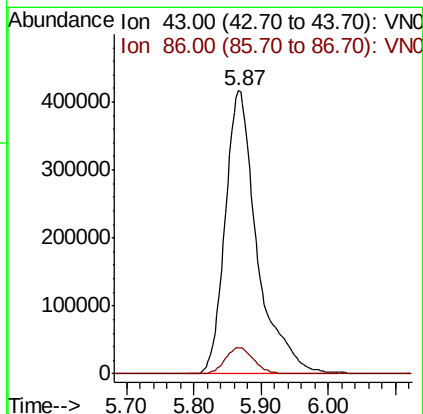
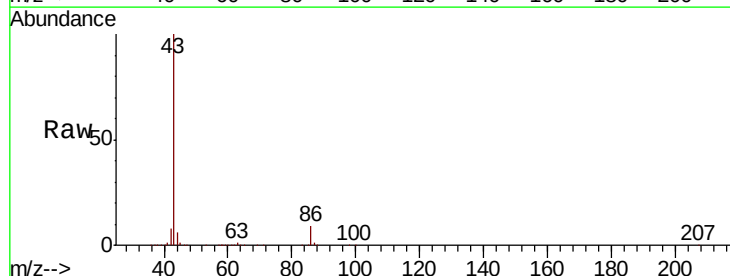
RT: 5.87 min Scan# 1273

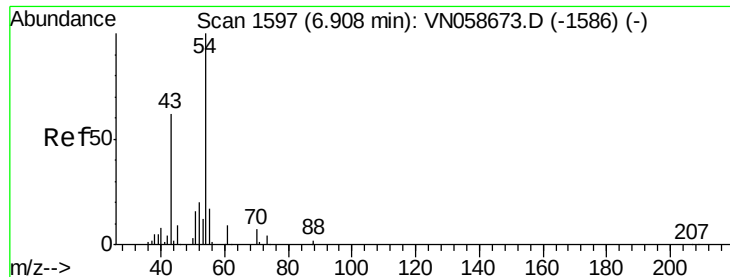
Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Tgt Ion:	43	Resp:	1374833
Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.5	9.7





#43

Ethyl Acetate

Concen: 20.838 ug/l

RT: 6.90 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 147468

Ion Ratio Lower Upper

43 100

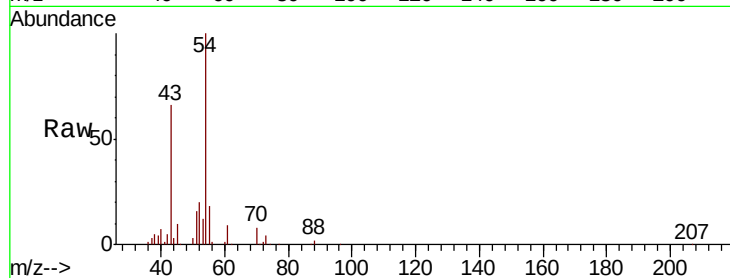
45 15.0 9.7 14.5#

Manual Integrations

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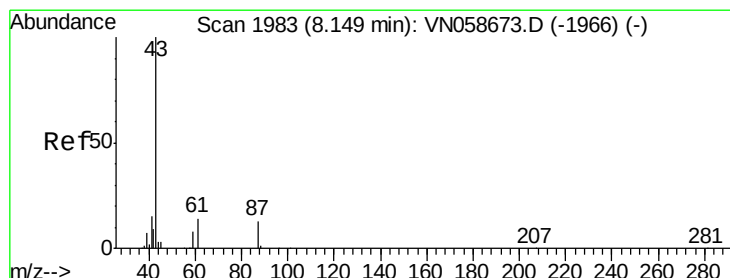
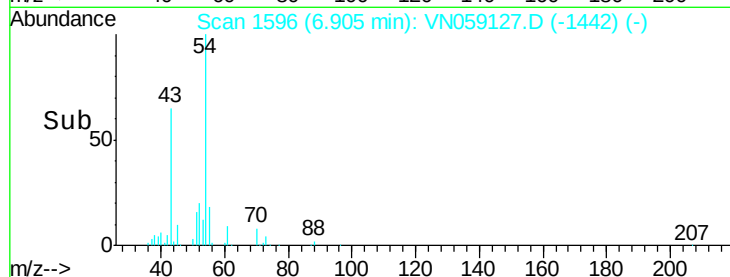
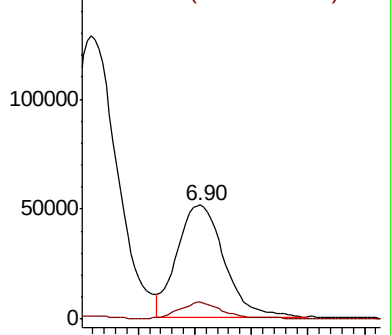
MMDadoda

11/8/2019 9:39:29 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 20.377 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VN059127.D

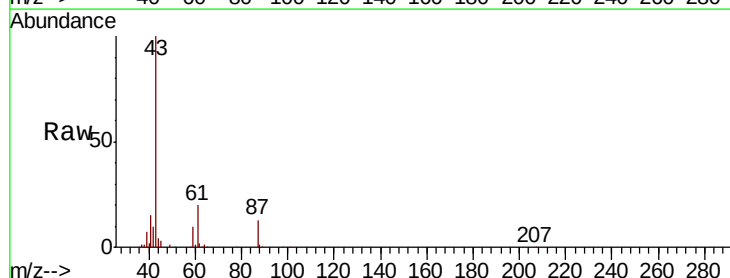
Acq: 7 Nov 2019 17:22

Tgt Ion: 43 Resp: 233578

Ion Ratio Lower Upper

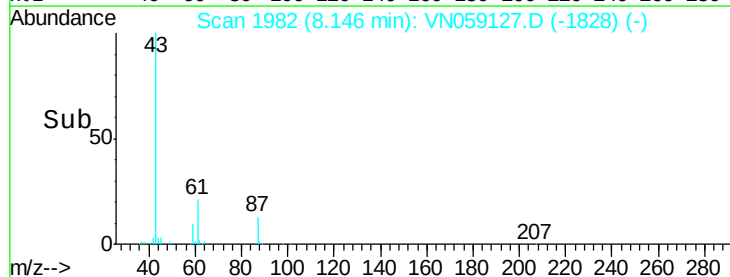
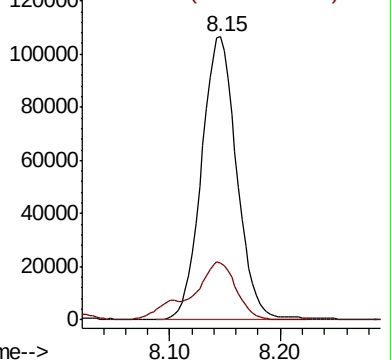
43 100

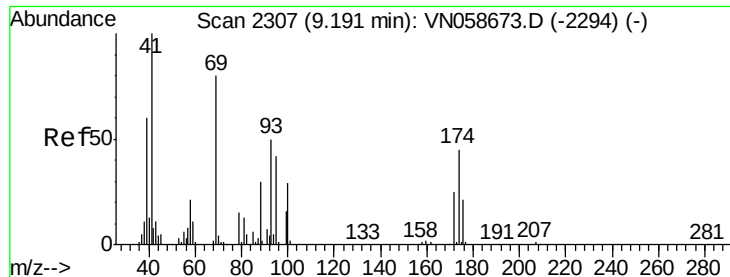
61 21.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





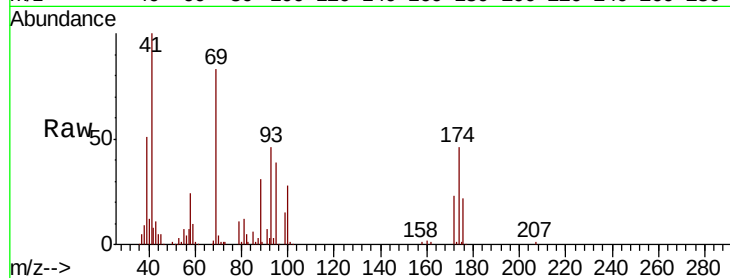
#45
 1,4-Dioxane
 Concen: 410.019 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

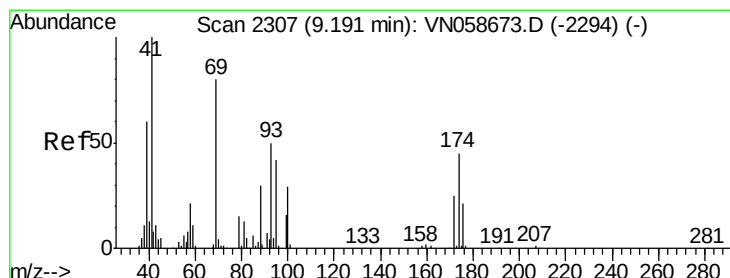
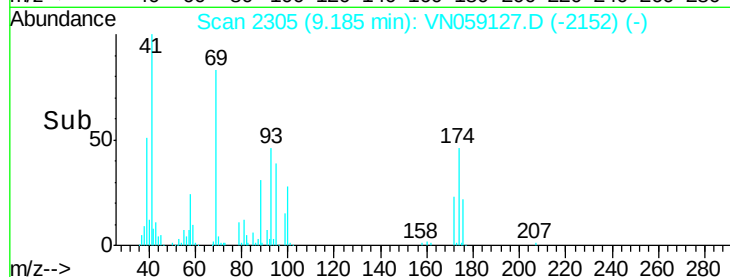
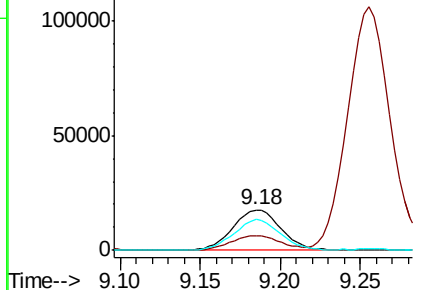
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	29.8	44.8
58	74.2	58.2	87.4

Manual Integrations
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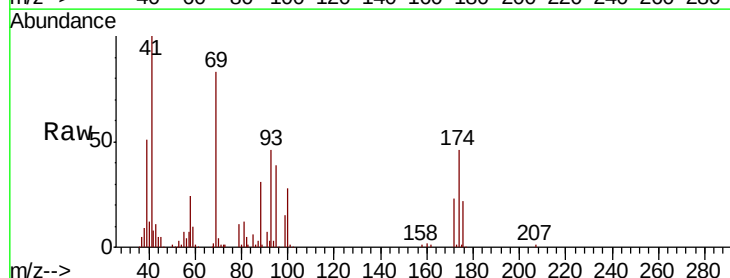


Abundance Ion 88.00 (87.70 to 88.70): VNO
 Ion 43.00 (42.70 to 43.70): VNO
 Ion 58.00 (57.70 to 58.70): VNO

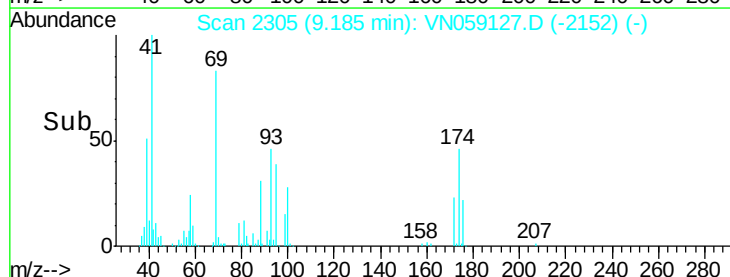
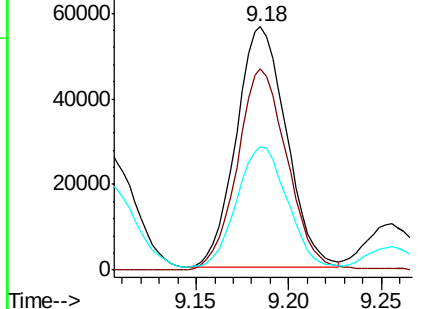


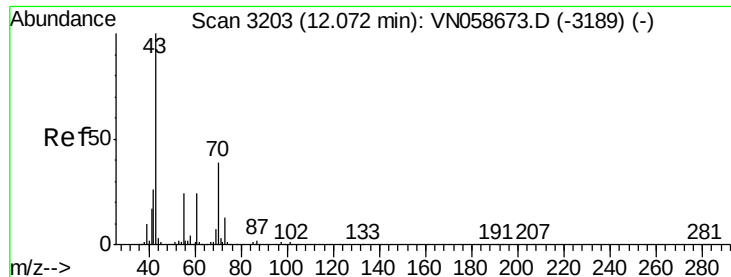
#46
 Methyl methacrylate
 Concen: 20.076 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.3	40.2	120.5
39	50.2	29.9	89.8



Abundance Ion 41.00 (40.70 to 41.70): VNO
 Ion 69.00 (68.70 to 69.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





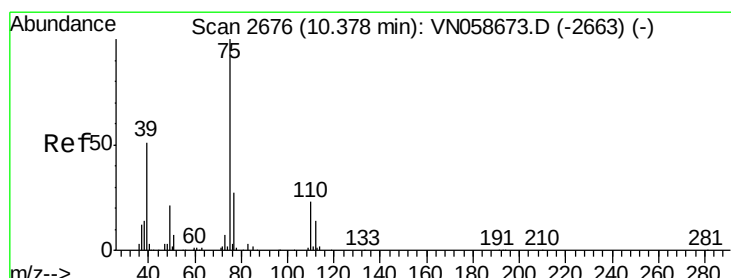
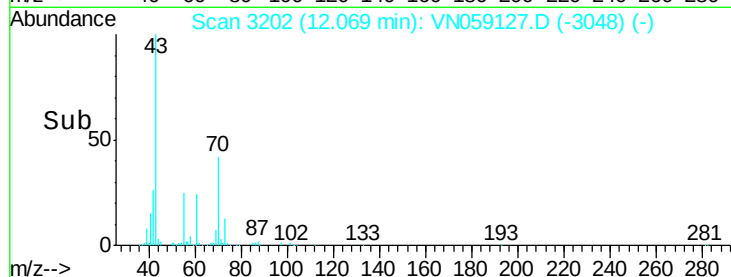
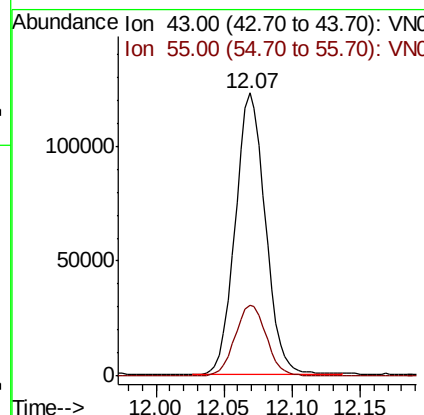
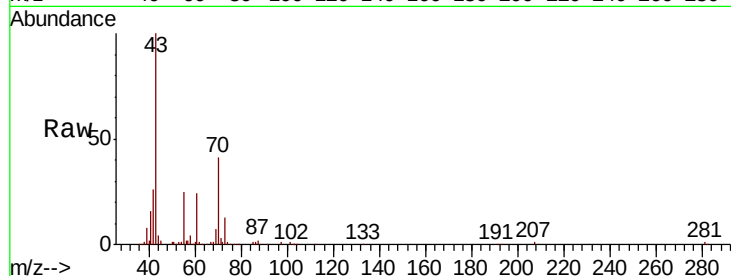
#47
n-amvl Acetate
Concen: 18.473 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	Resp	187713
Ion Ratio	Lower	Upper	
43	100		
55	26.4	19.6	29.4

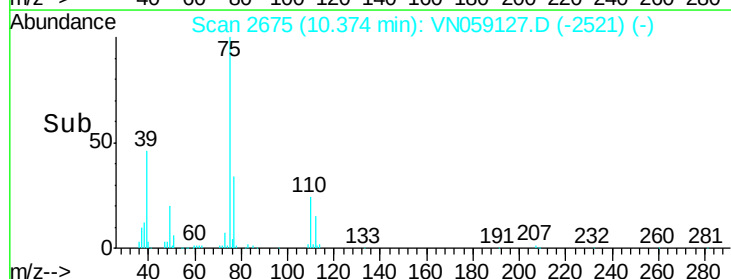
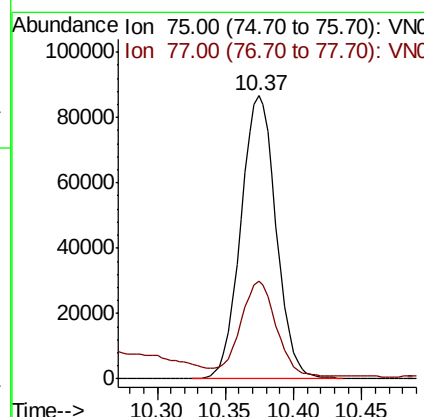
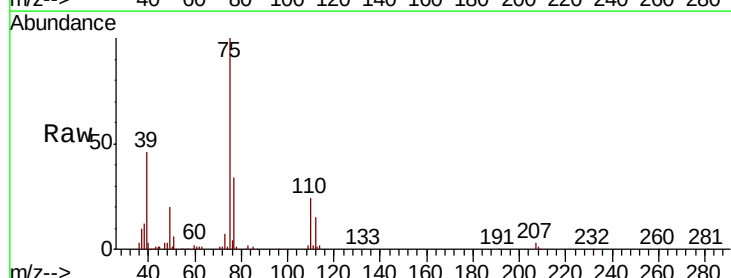
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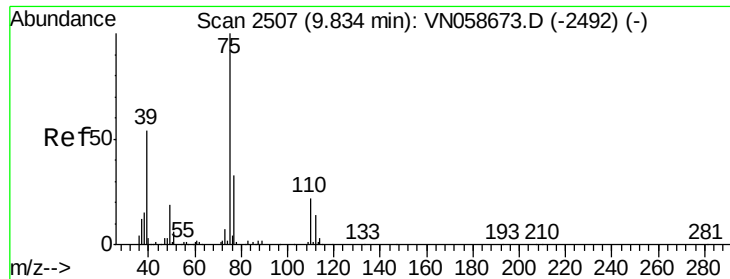
MMDadoda
11/8/2019 9:39:29 AM



#48
t-1,3-Dichloropropene
Concen: 20.250 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion	75	Resp	155475
Ion Ratio	Lower	Upper	
75	100		
77	33.3	27.0	40.4





#49

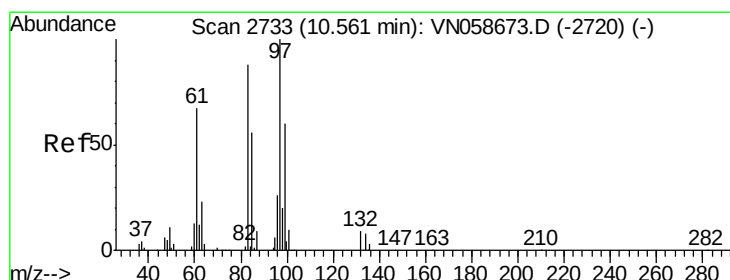
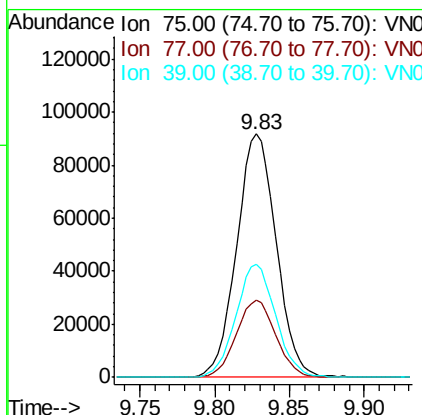
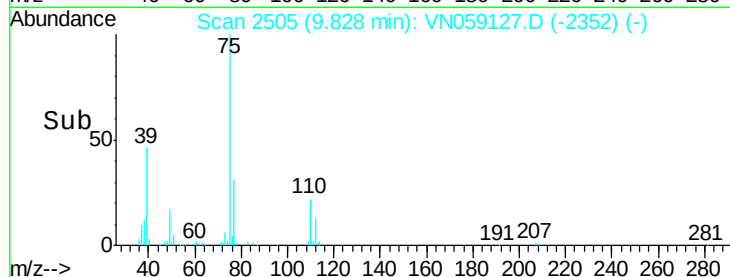
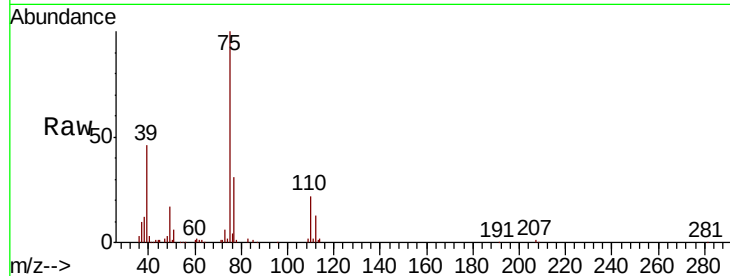
cis-1,3-Dichloropropene
Concen: 20.955 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.1	39.1
39	46.4	43.1	64.7

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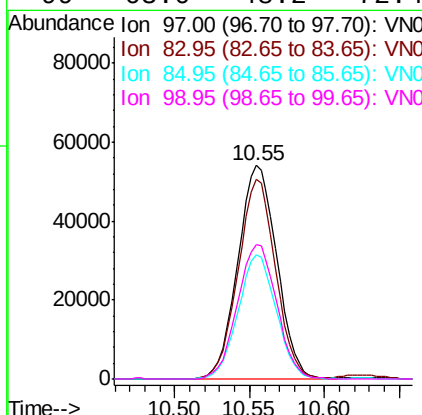
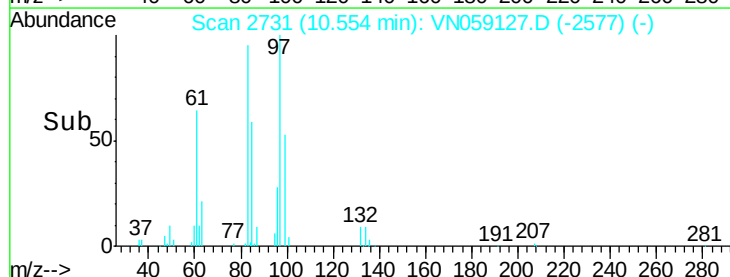
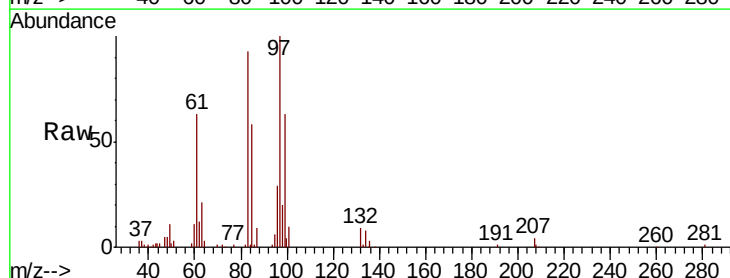
MMDadoda
11/8/2019 9:39:29 AM

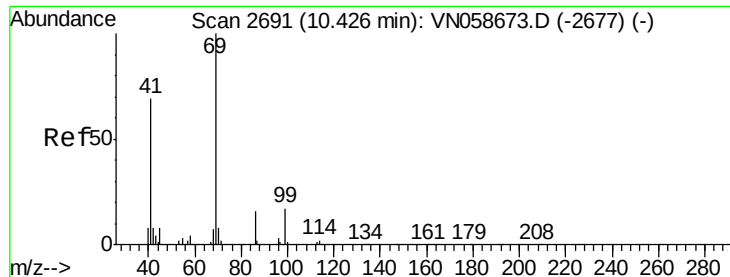


#50

1,1,2-Trichloroethane
Concen: 21.289 ug/l
RT: 10.55 min Scan# 2731
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.4	70.7	106.1
85	58.4	45.1	67.7
99	63.0	48.2	72.4





#51

Ethyl methacrylate

Concen: 19.893 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

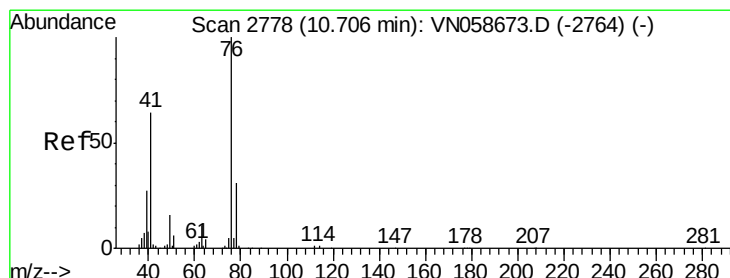
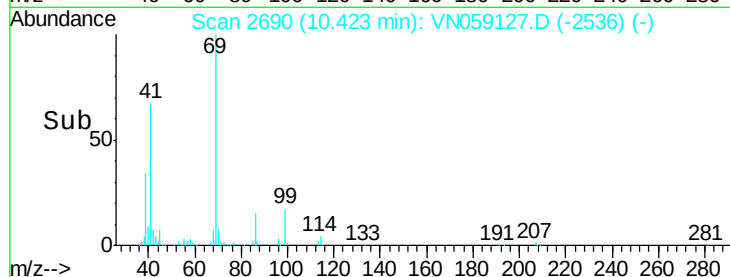
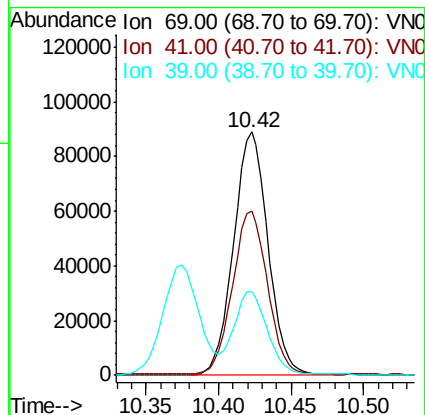
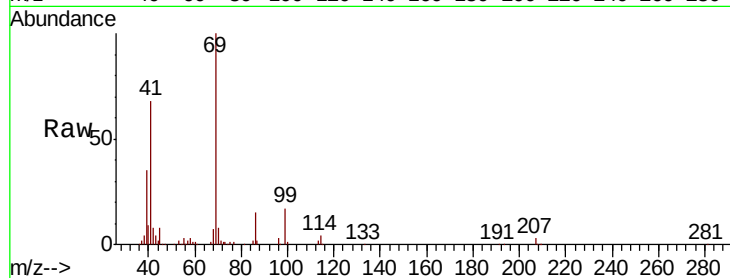
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	147153
Ion	Ratio	Lower	Upper
69	100		
41	67.0	34.7	104.1
39	34.1	20.3	60.8

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.798 ug/l

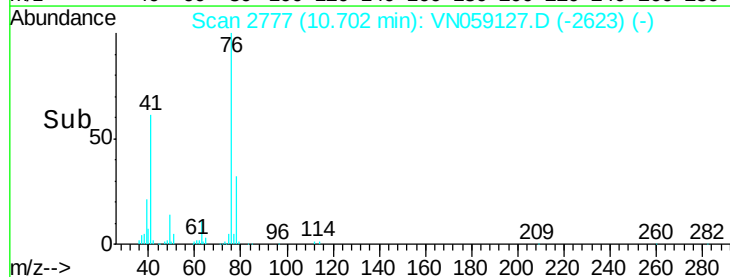
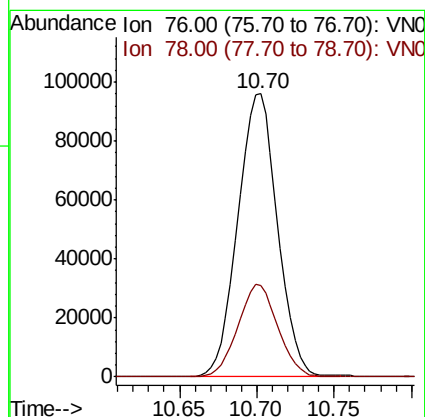
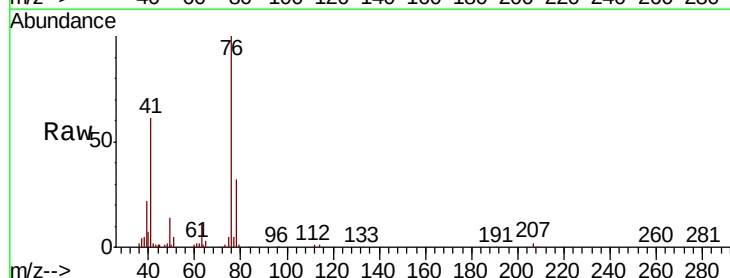
RT: 10.70 min Scan# 2777

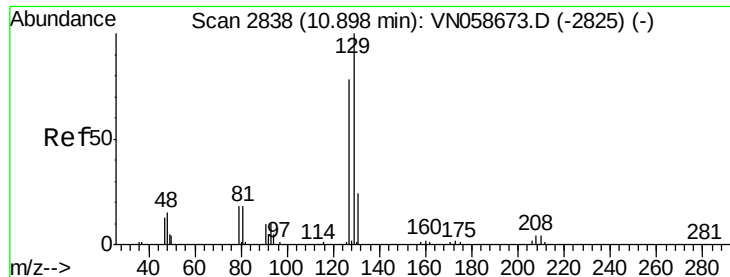
Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Tgt Ion:	76	Resp:	171347
Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	63.2





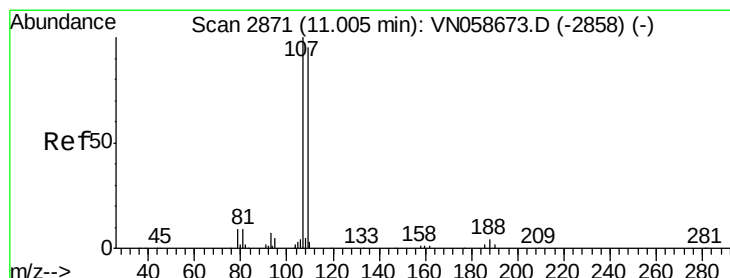
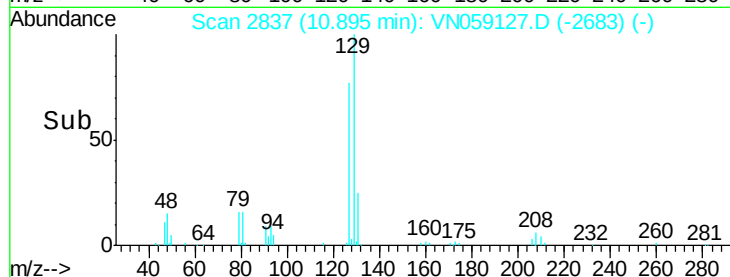
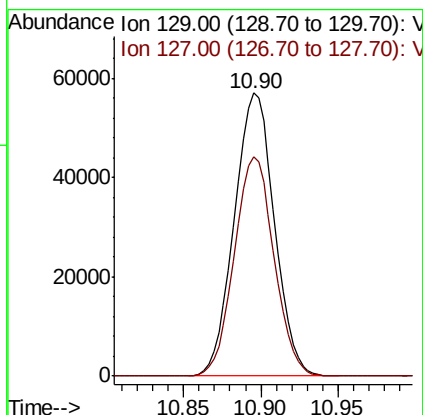
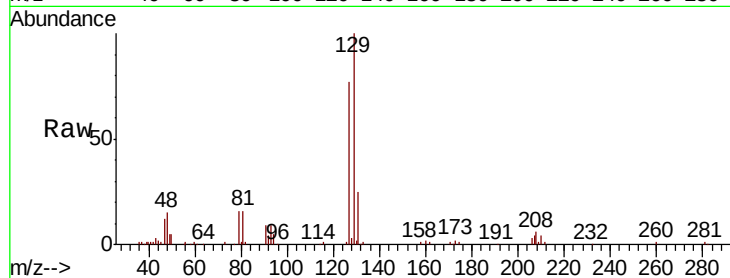
#53
Dibromochloromethane
Concen: 20.721 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	76.8	39.1	117.5	

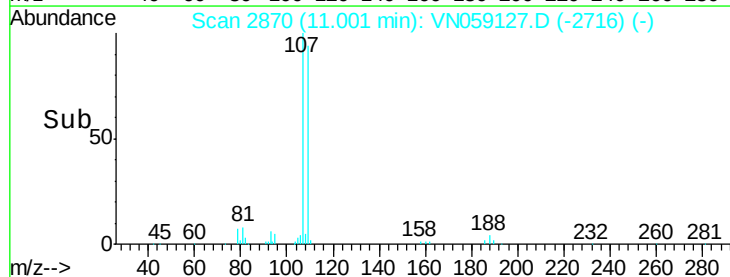
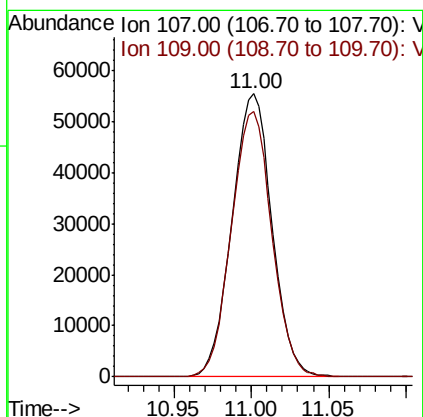
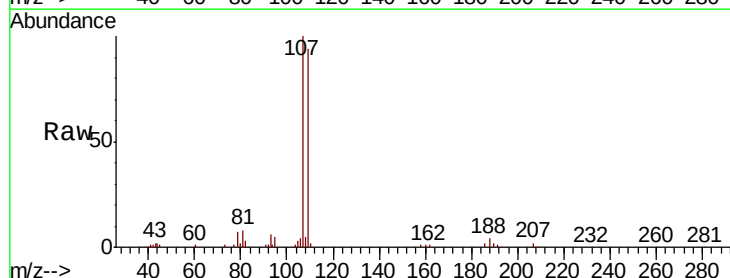
Manual Integrations
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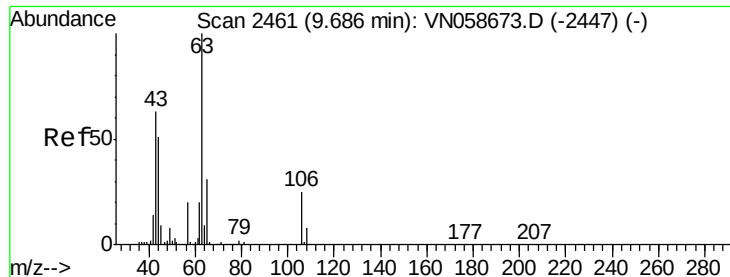
MMDadoda
11/8/2019 9:39:29 AM



#54
1,2-Dibromoethane
Concen: 20.741 ug/l
RT: 11.00 min Scan# 2870
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	95.0	76.2	114.4	





#55

2-Chloroethyl vinyl ether

Concen: 86.802 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

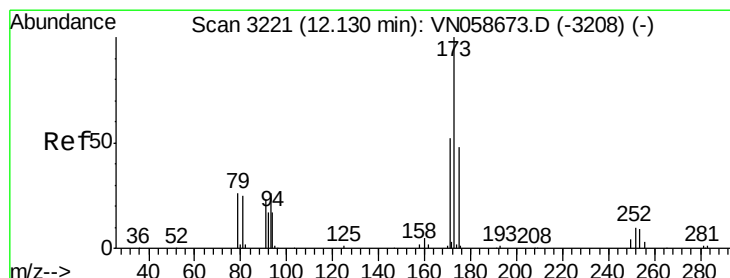
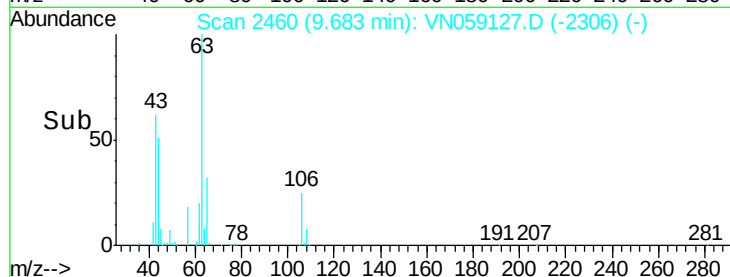
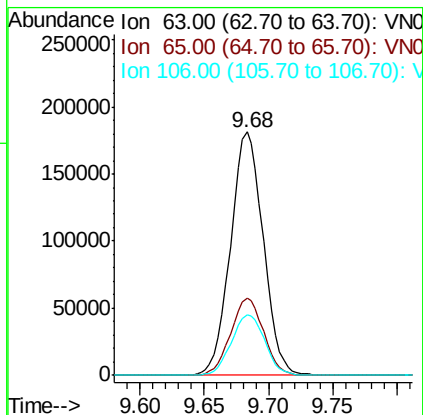
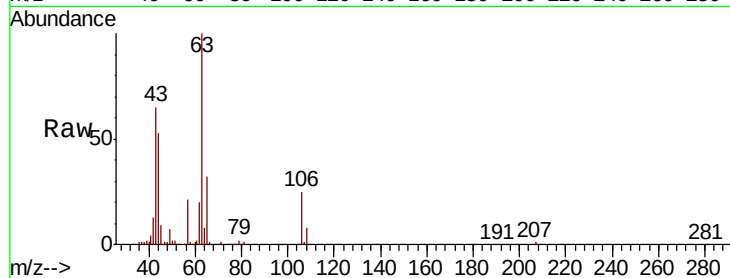
VSTDCCC020EC

Tot Ion: 63 Resp: 319397

Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.3	37.9
106	25.4	19.8	29.6

Manual Integrations
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11/8/2019 9:39:29 AM



#56

Bromoform

Concen: 21.405 ug/l

RT: 12.13 min Scan# 3220

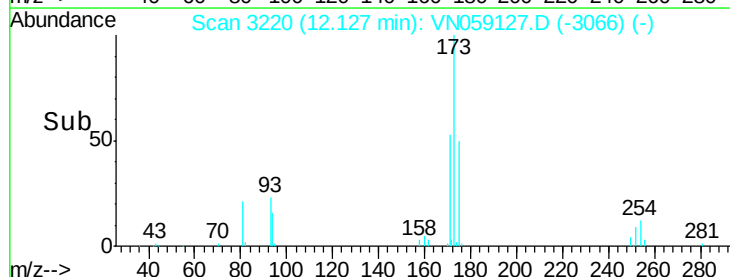
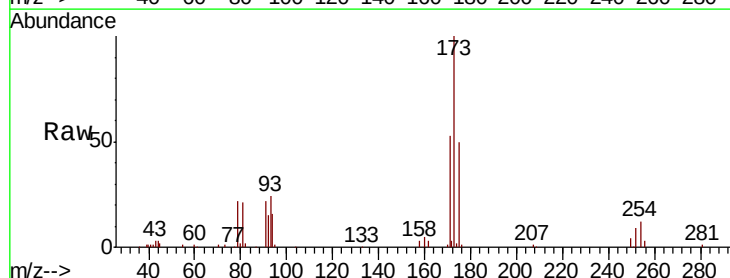
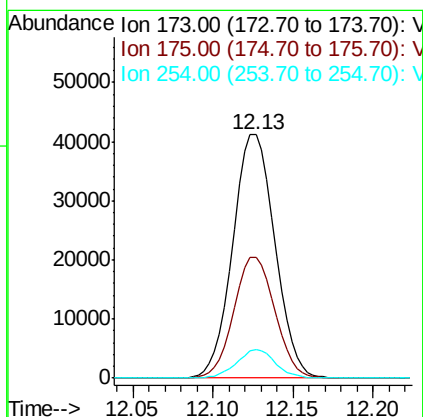
Delta R.T. -0.00 min

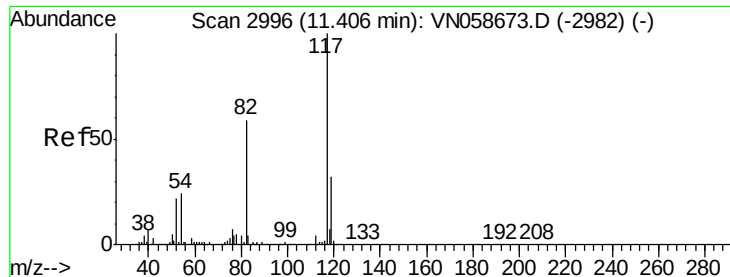
Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Tgt Ion: 173 Resp: 74030

Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.7	58.1
254	10.6	7.4	11.2





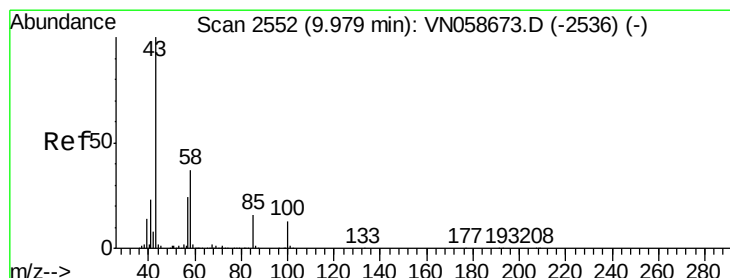
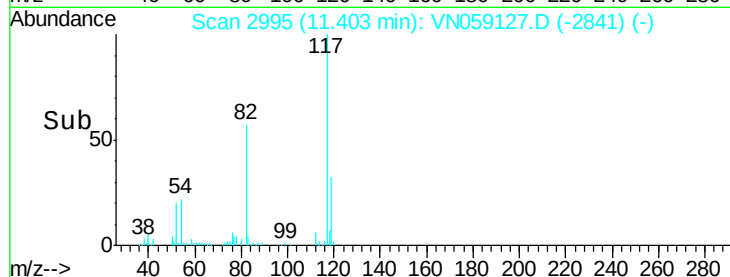
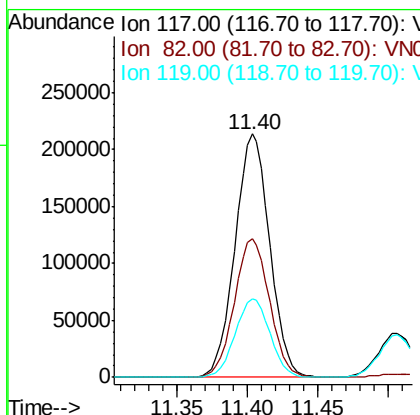
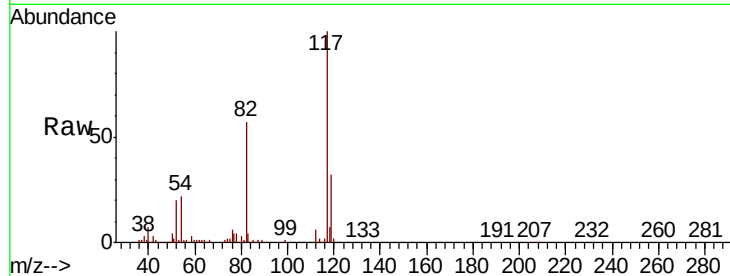
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.9	70.3
119	32.5	25.8	38.6

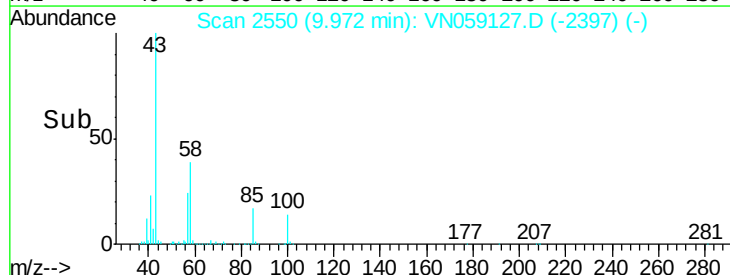
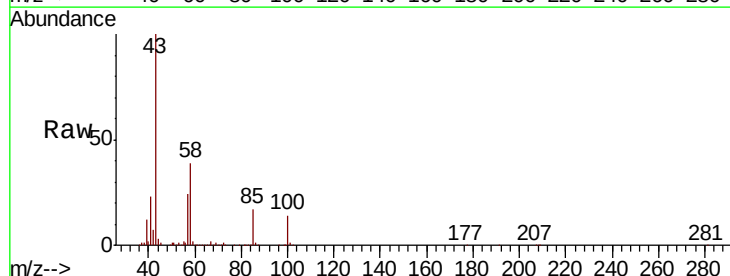
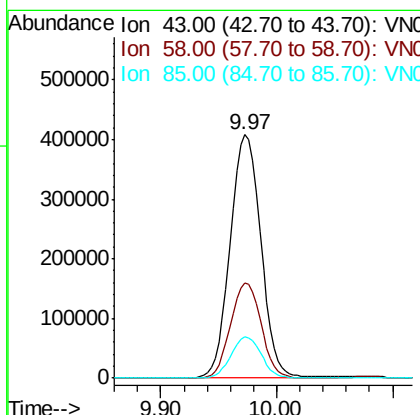
Manual Integrations
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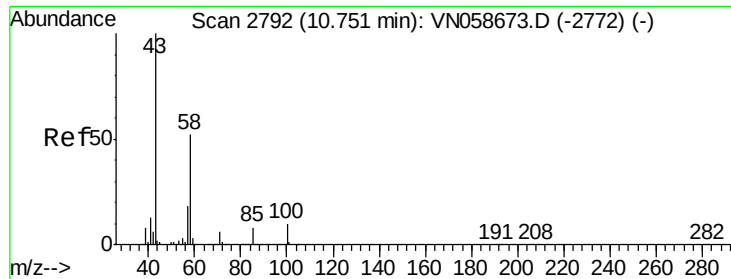
MMDadoda
11/8/2019 9:39:29 AM



#58
4-Methyl-2-Pentanone
Concen: 110.683 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.1	30.1	45.1
85	16.8	13.2	19.8





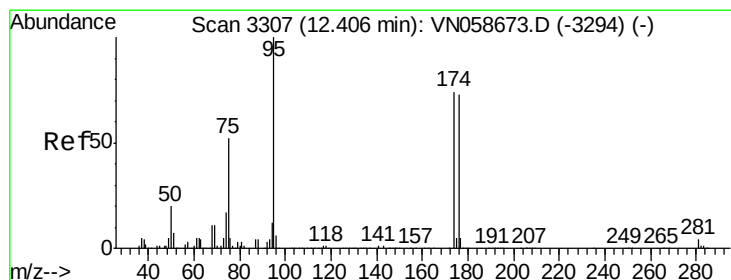
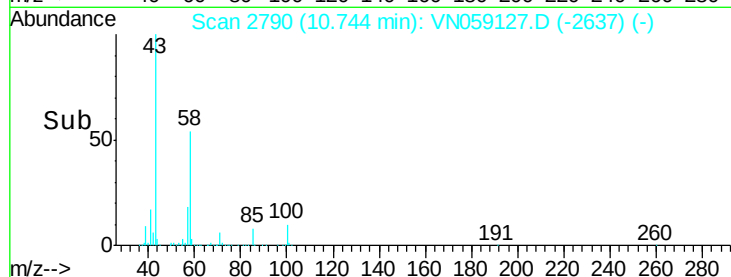
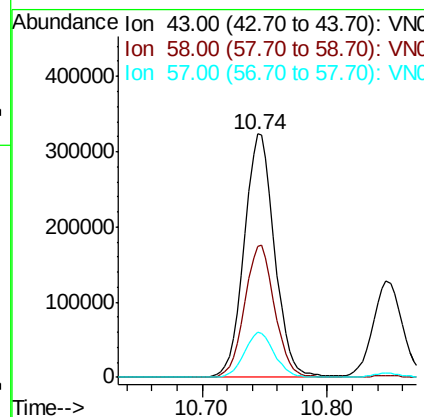
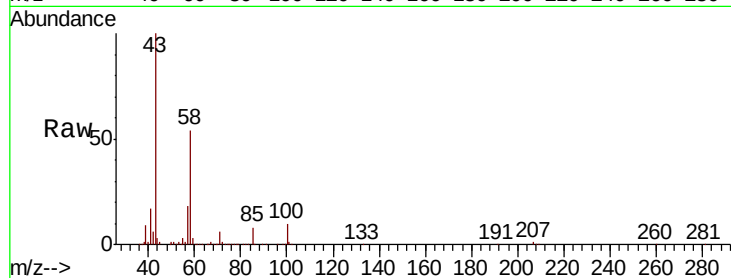
#59
2-Hexanone
Concen: 102.640 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.2	41.4	62.0
57	18.5	14.7	22.1

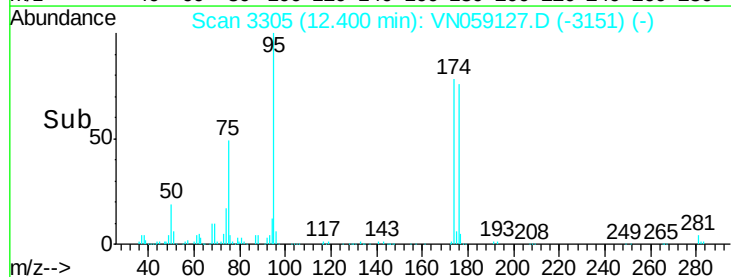
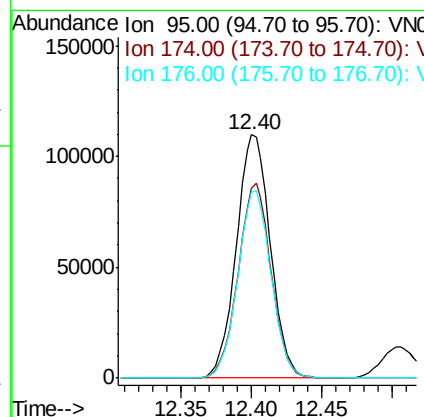
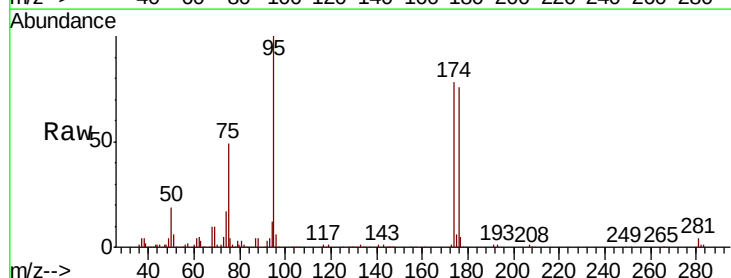
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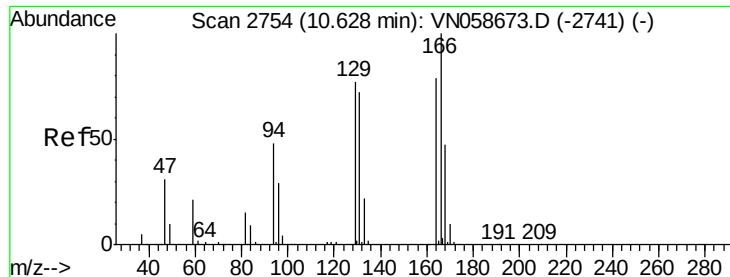
MMDadoda
11/8/2019 9:39:29 AM



#60
4-Bromofluorobenzene
Concen: 28.756 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.8	59.9	89.9
176	75.7	58.3	87.5





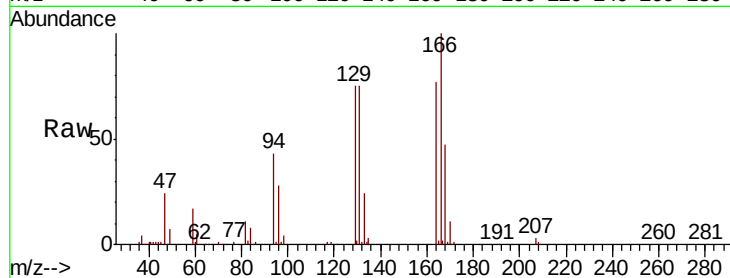
#61
Tetrachloroethene
Concen: 21.492 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.2	101.4	152.2
129	97.7	78.1	117.1
131	97.6	73.2	109.8

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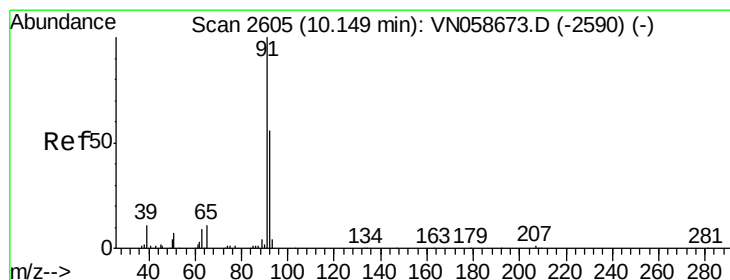
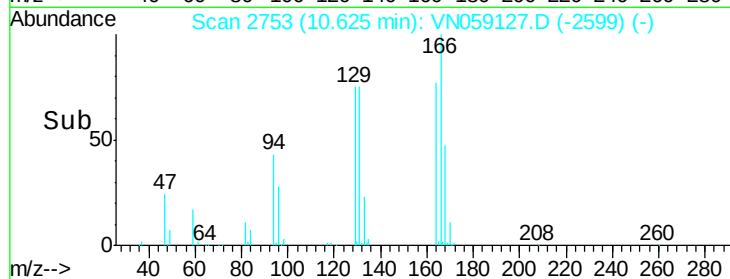
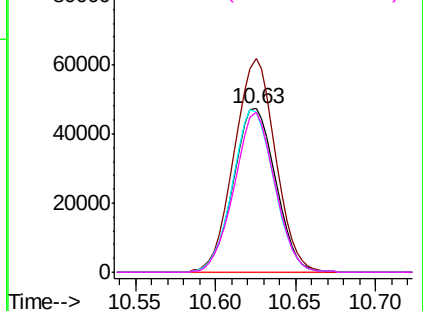
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

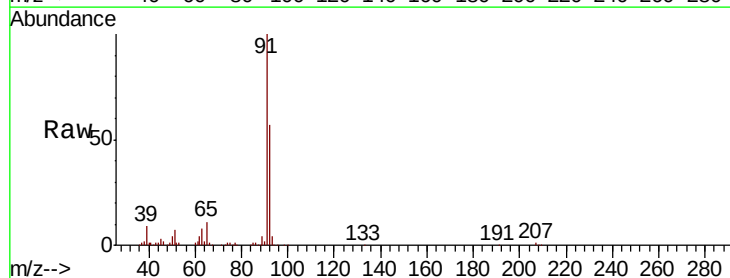
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62
Toluene
Concen: 21.246 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

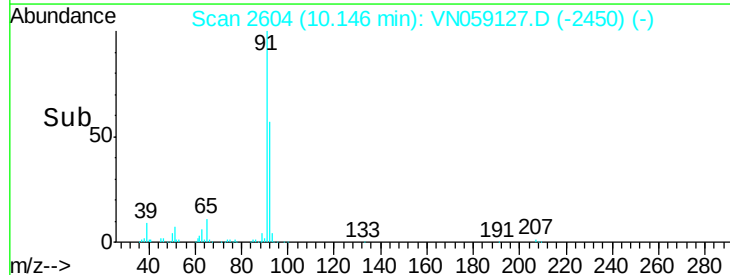
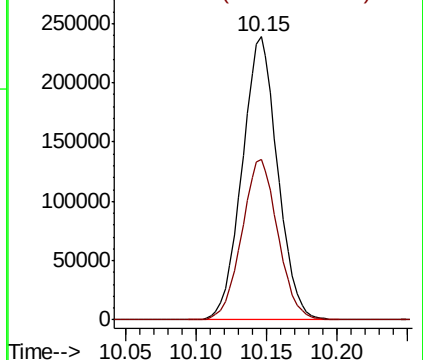
Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.6	45.4	68.2

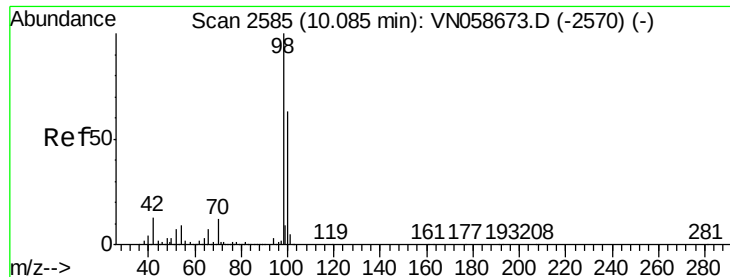


Abundance

Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





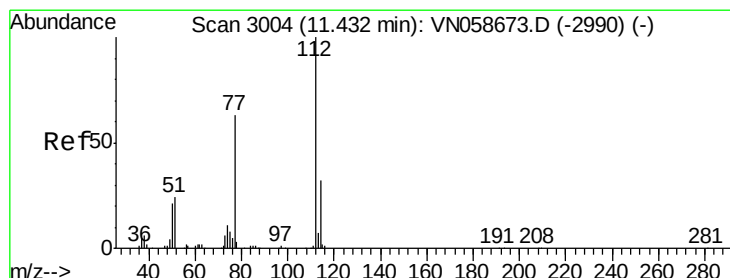
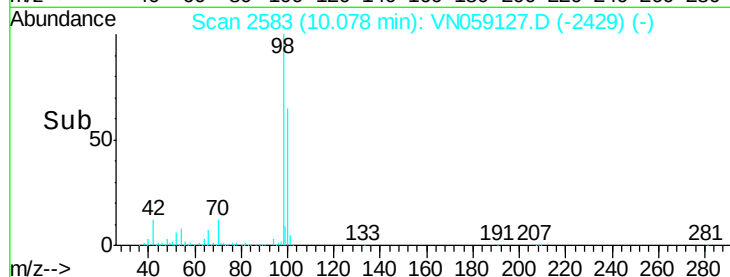
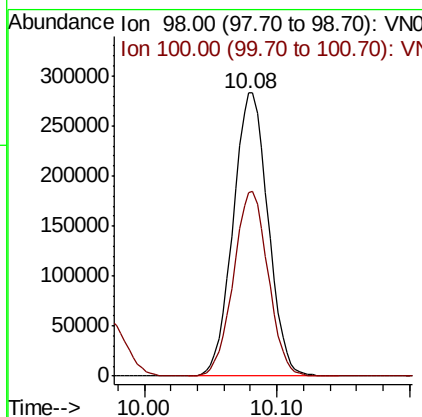
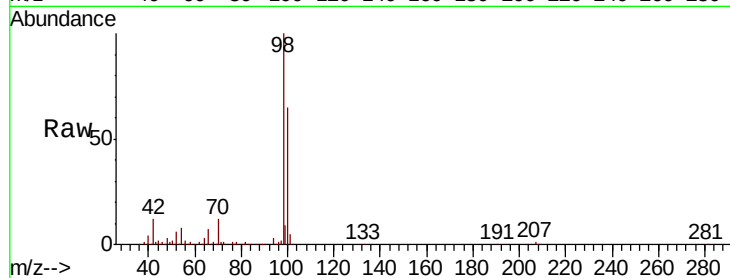
#63
Toluene-d8
Concen: 29.888 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.01 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 519662
Ion Ratio Lower Upper
98 100
100 64.2 50.6 75.8

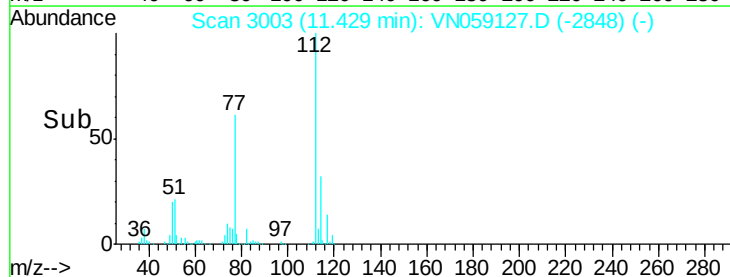
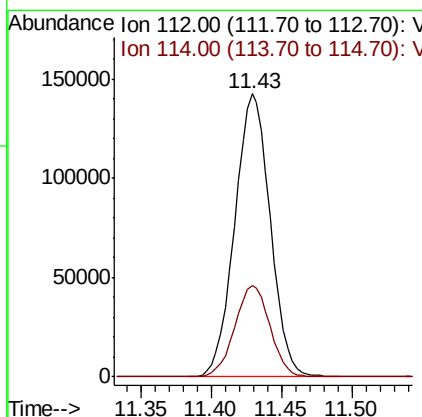
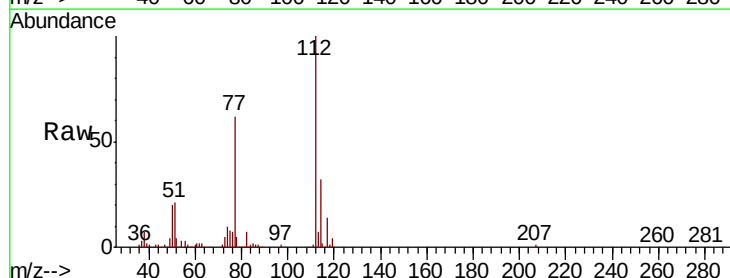
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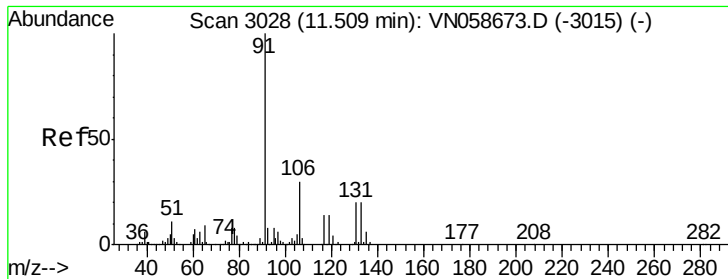
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#64
Chlorobenzene
Concen: 20.707 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion: 112 Resp: 250769
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5





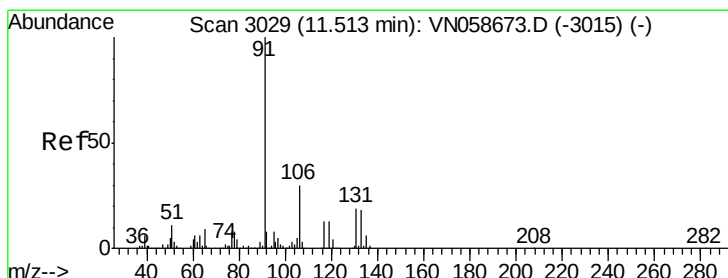
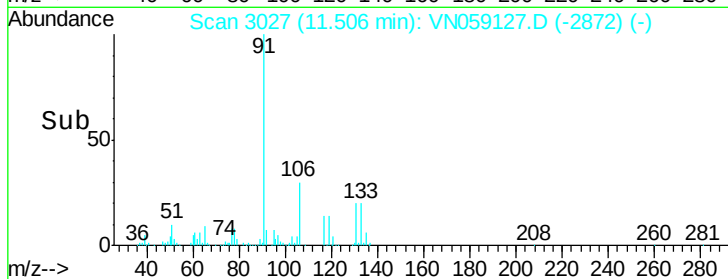
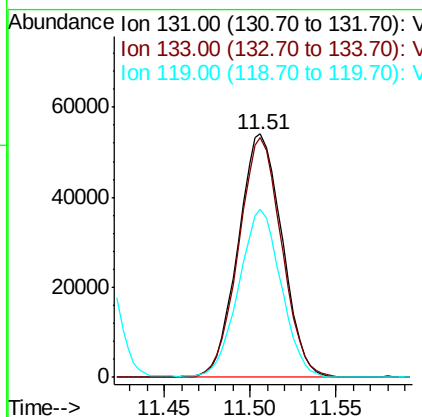
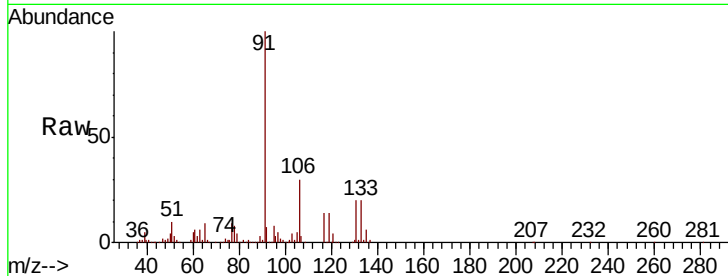
#65
1,1,1,2-Tetrachloroethane
Concen: 21.145 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.5	0.0	194.0
119	66.5	0.0	136.8

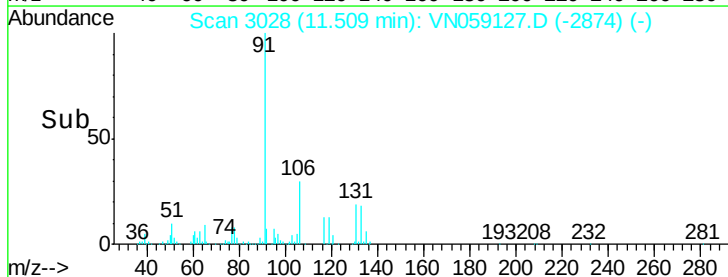
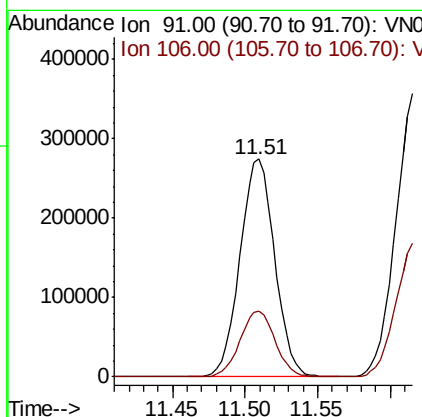
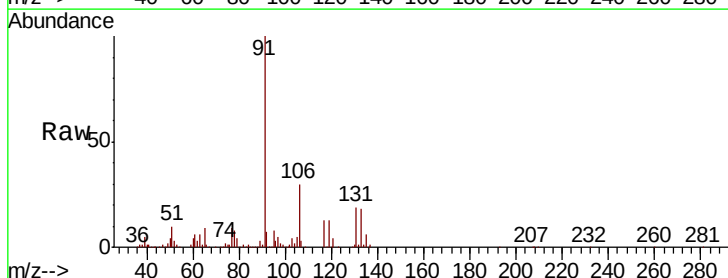
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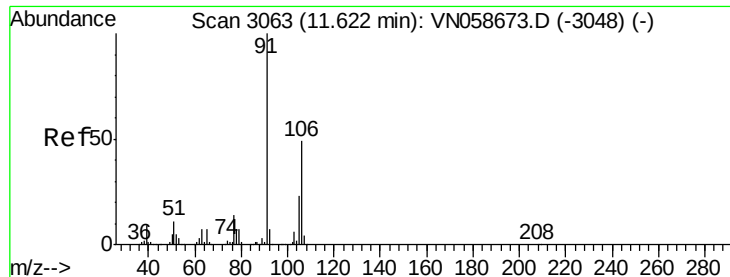
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#66
Ethyl Benzene
Concen: 20.822 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.2	36.4





#67

m/p-Xylenes

Concen: 40.887 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 335042

Ion Ratio Lower Upper

106 100

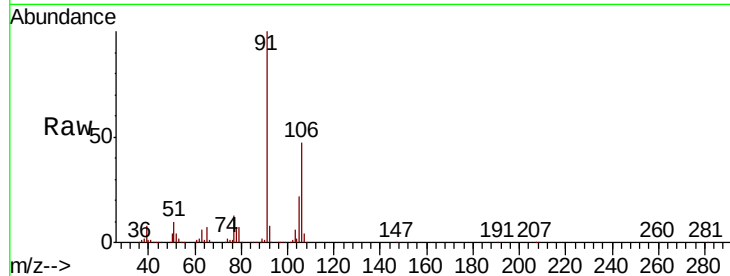
91 209.8 165.6 248.4

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

400000

300000

200000

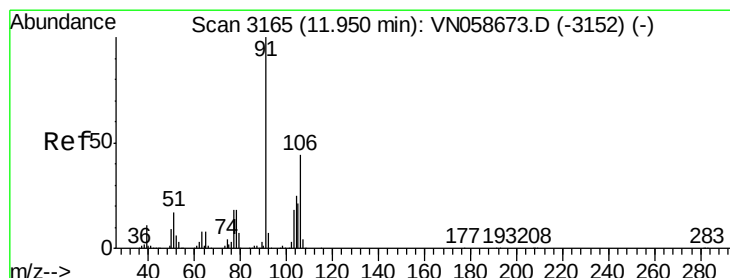
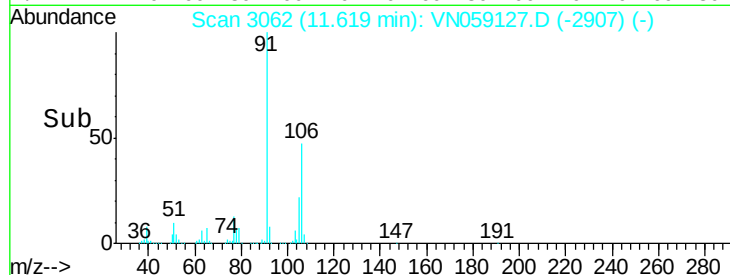
100000

0

11.60

11.70

Time-->



#68

o-Xylene

Concen: 20.441 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN059127.D

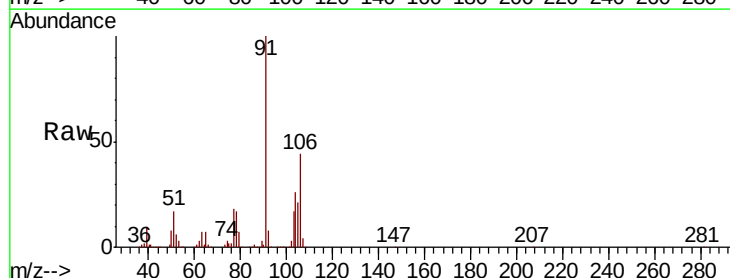
Acq: 7 Nov 2019 17:22

Tgt Ion:106 Resp: 162382

Ion Ratio Lower Upper

106 100

91 221.2 109.8 329.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

250000

200000

150000

100000

50000

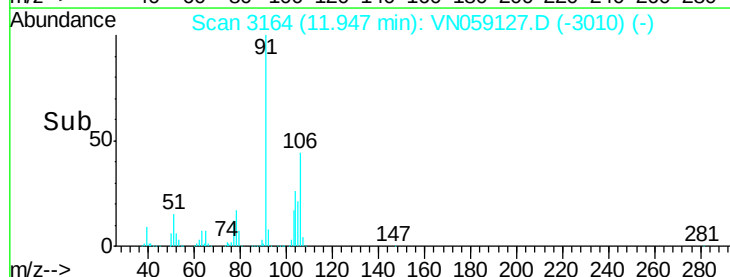
0

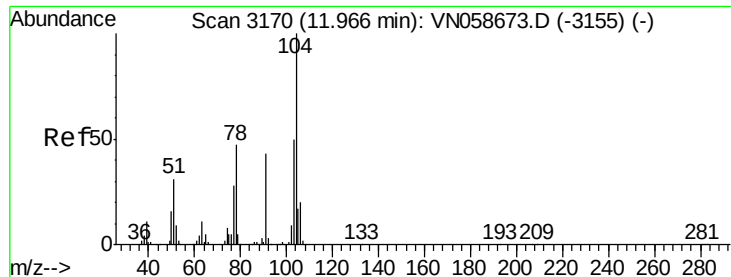
11.90

11.95

12.00

Time-->





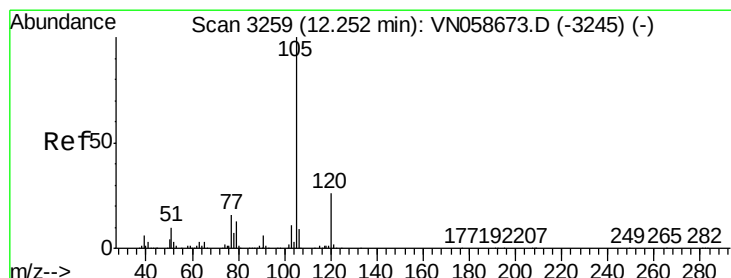
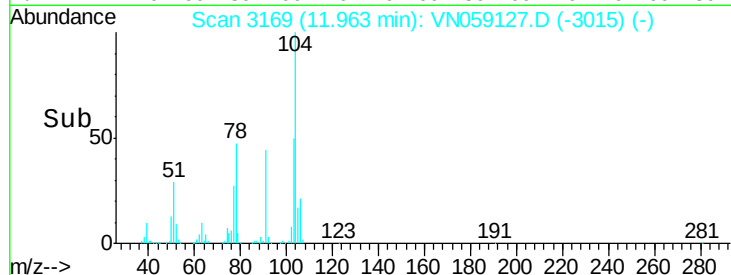
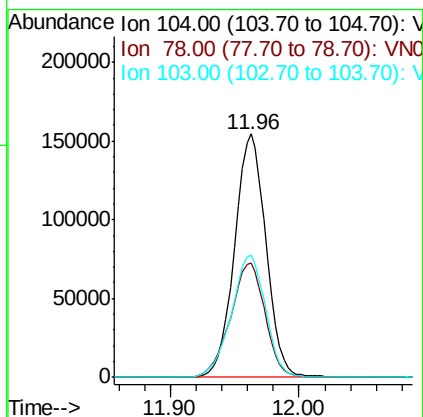
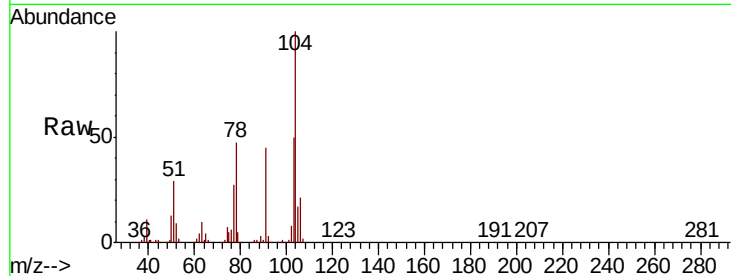
#69
Stvrene
Concen: 19.910 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.7	42.4	63.6
103	54.7	44.6	66.8

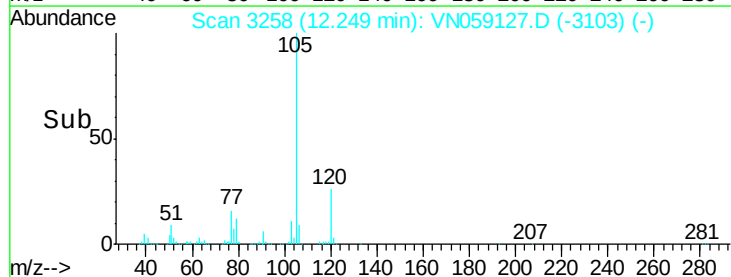
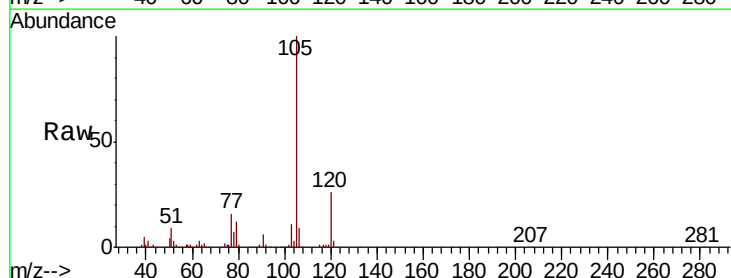
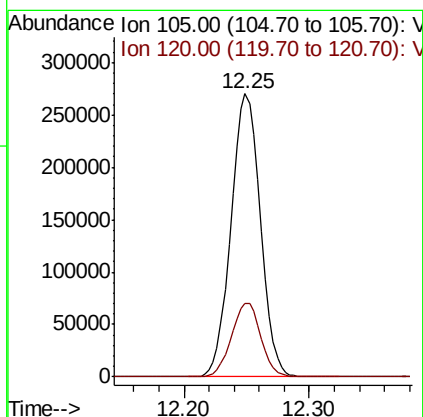
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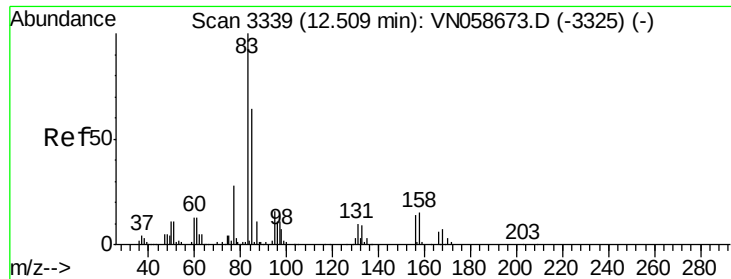
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#70
Isopropylbenzene
Concen: 20.472 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	18.4	34.2





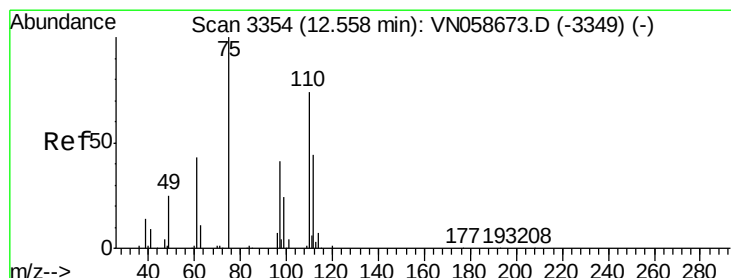
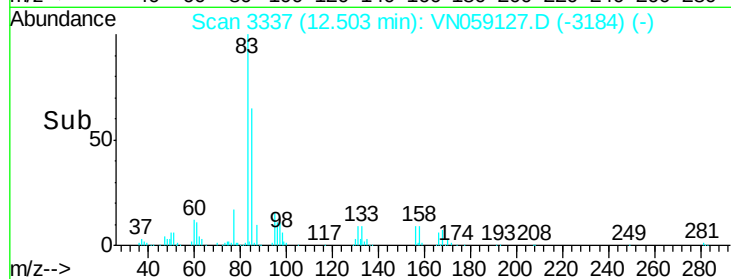
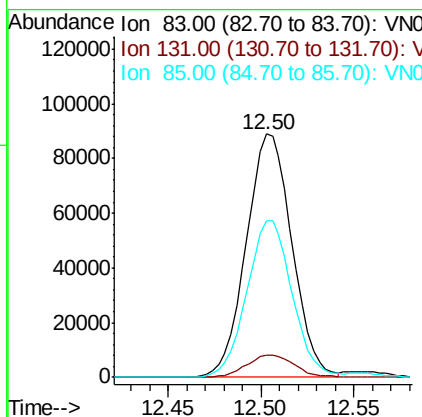
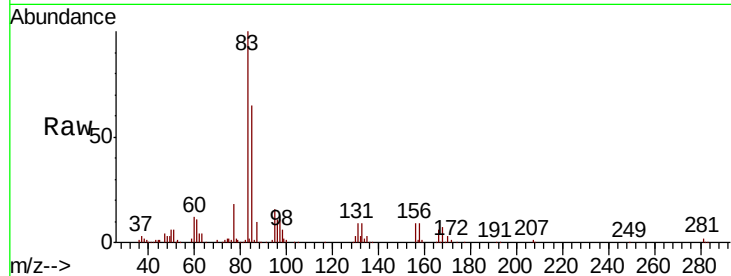
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.192 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.7
85	63.7	31.6	94.7

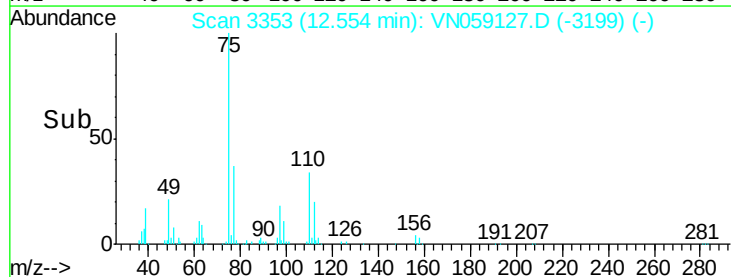
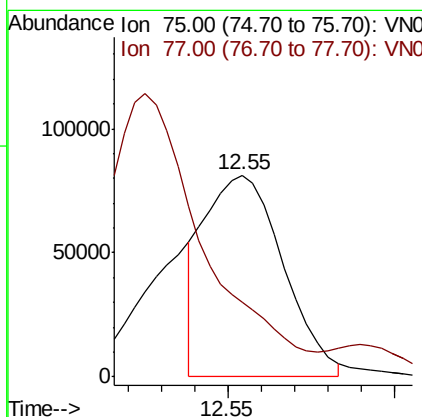
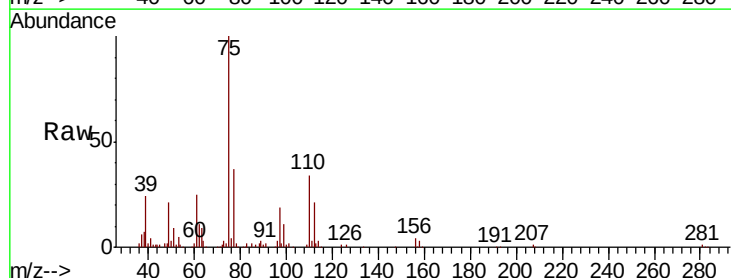
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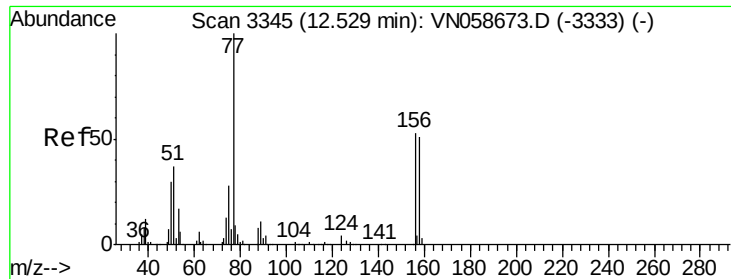
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#72
 1,2,3-Trichloropropane
 Concen: 20.348 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	180.4	0.0	359.4





#73

Bromobenzene

Concen: 20.444 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

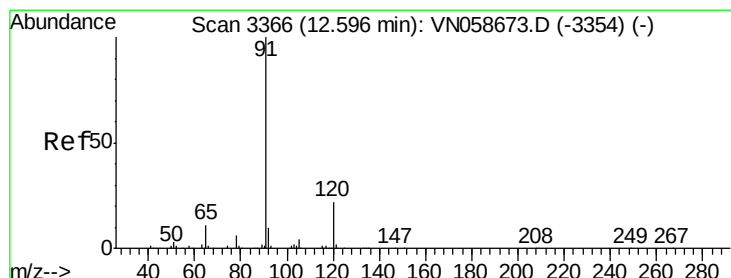
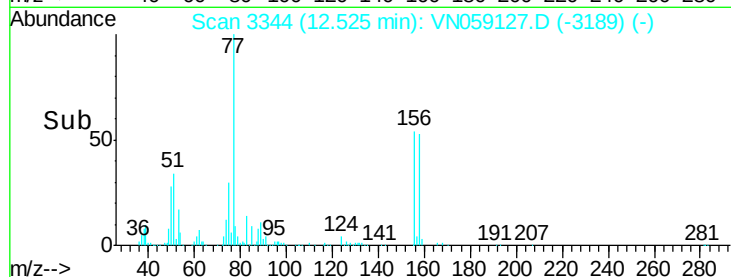
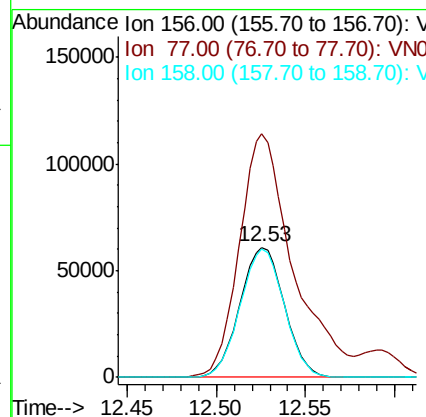
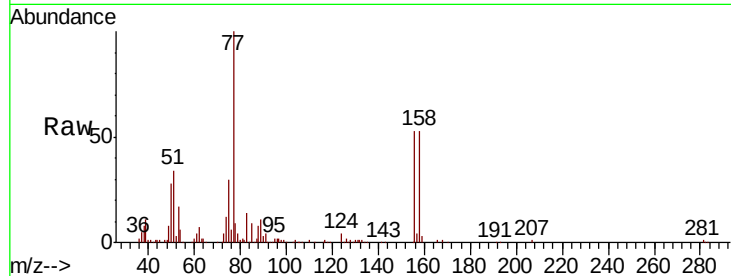
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	106500
Ion Ratio	Lower	Upper	
156	100		
77	225.5	0.0	456.0
158	97.7	0.0	195.4

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#74

n-propylbenzene

Concen: 20.422 ug/l

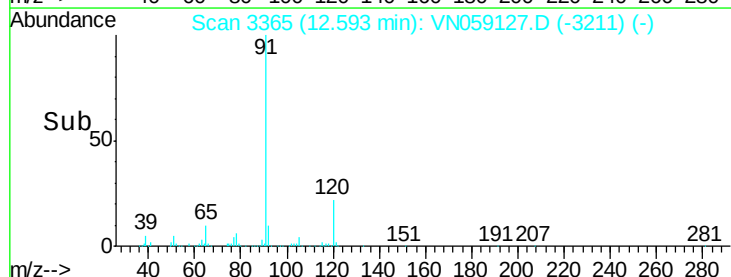
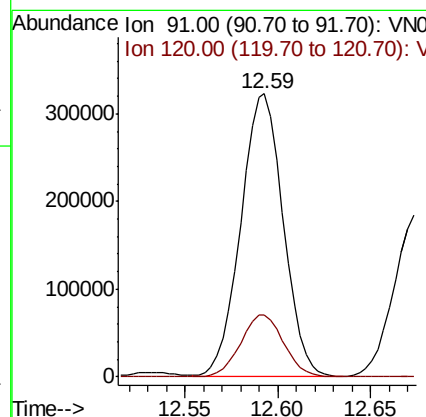
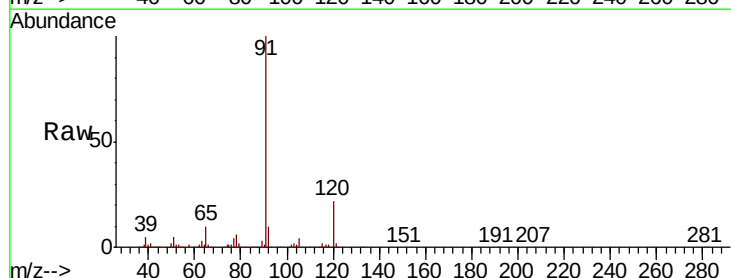
RT: 12.59 min Scan# 3365

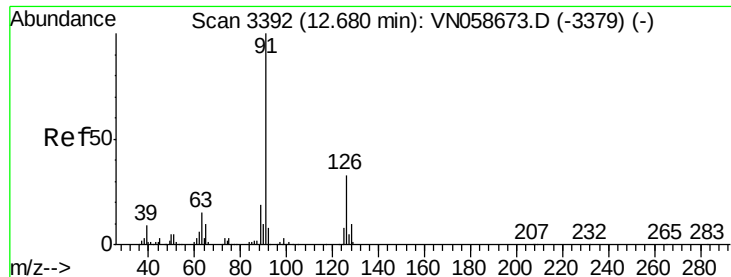
Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Tgt Ion:	91	Resp:	512669
Ion Ratio	Lower	Upper	
91	100		
120	22.1	0.0	43.6





#75

2-Chlorotoluene

Concen: 20.408 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 308245

Ion Ratio Lower Upper

91 100

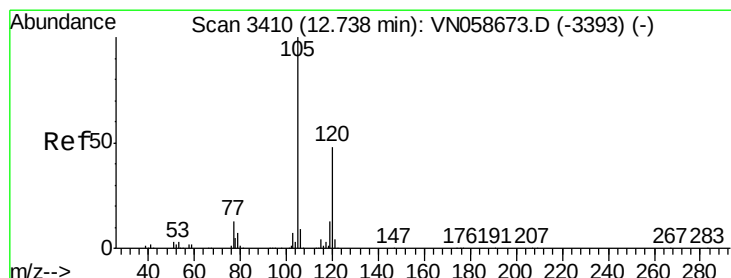
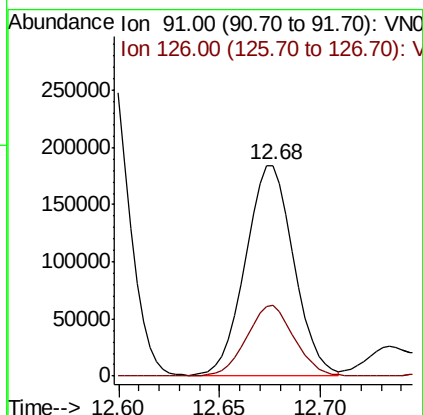
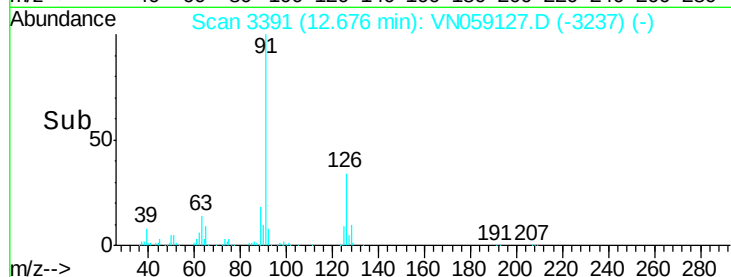
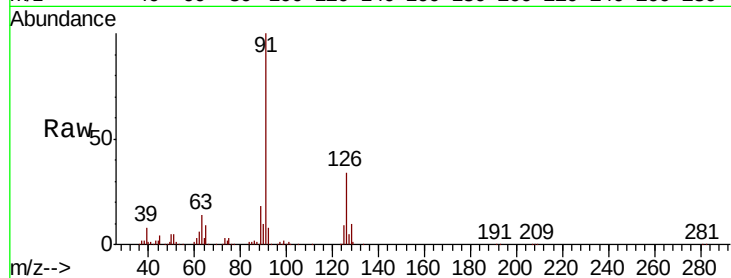
126 33.3 0.0 65.4

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#76

1,3,5-Trimethylbenzene

Concen: 20.240 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059127.D

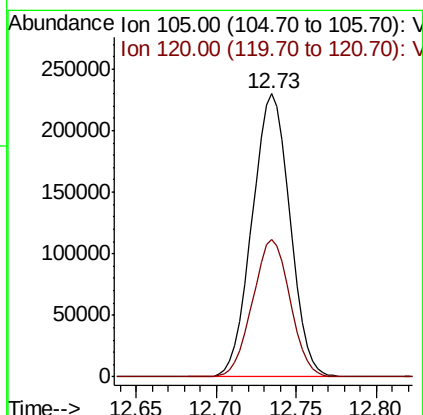
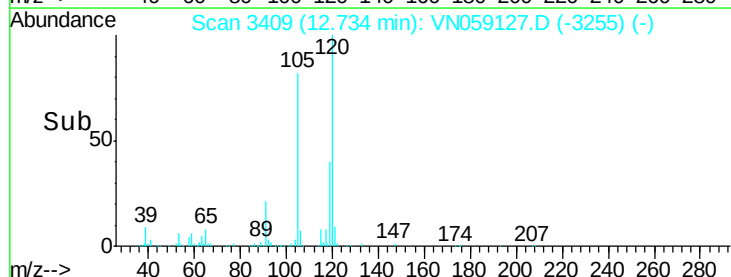
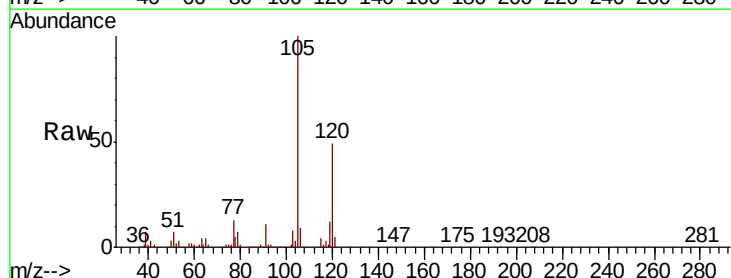
Acq: 7 Nov 2019 17:22

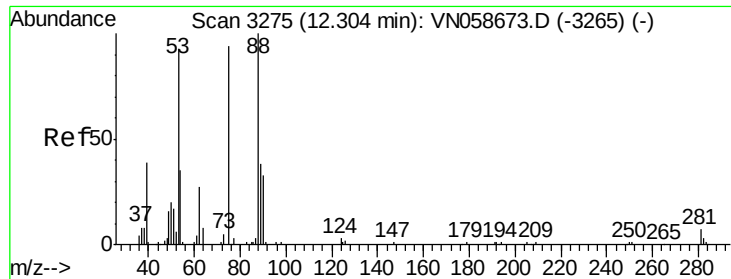
Tgt Ion: 105 Resp: 371803

Ion Ratio Lower Upper

105 100

120 48.4 0.0 94.0





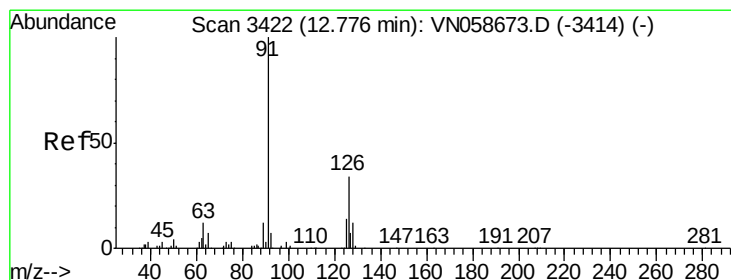
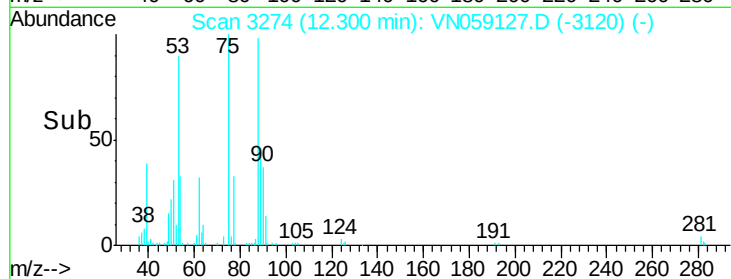
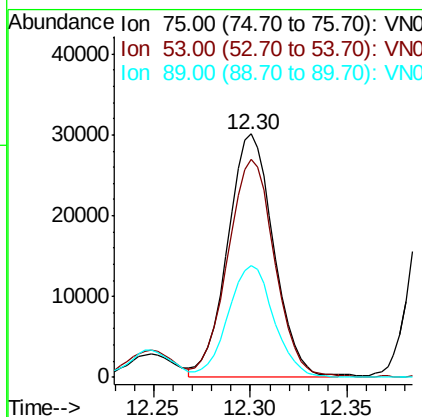
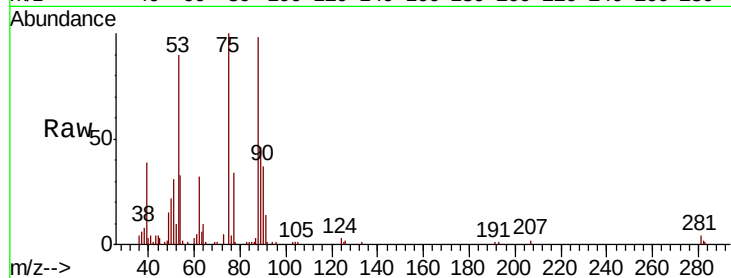
#77
t-1,4-Dichloro-2-butene
Concen: 20.019 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.5	50.0	150.0
89	46.6	20.7	62.1

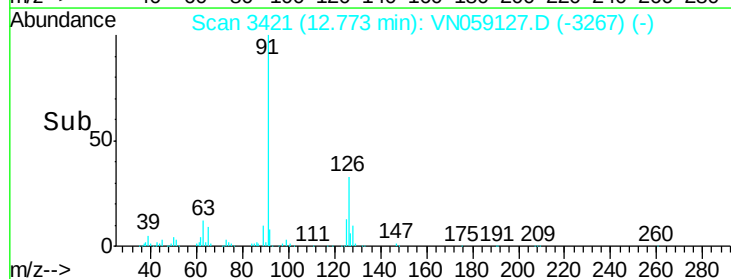
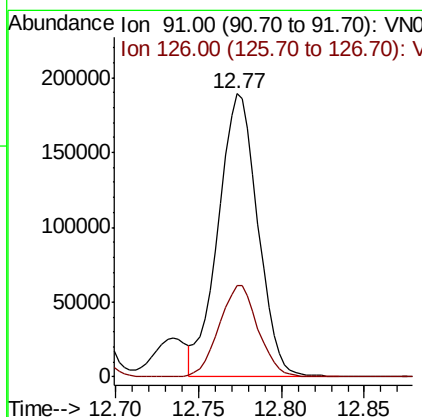
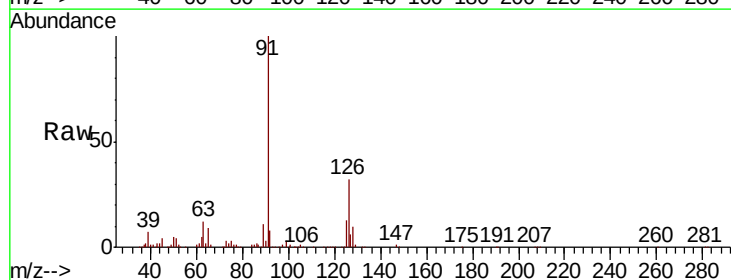
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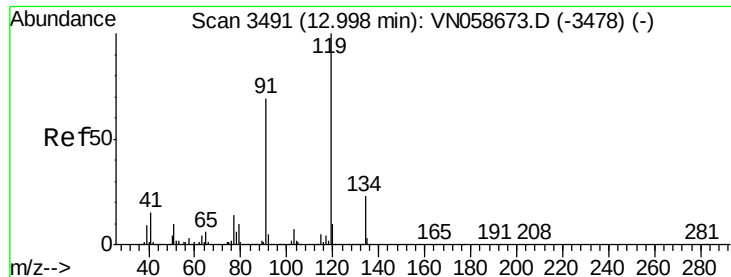
MMDadoda
11/8/2019 9:39:29 AM



#78
4-Chlorotoluene
Concen: 20.062 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	0.0	63.4





#79

tert-butylbenzene

Concen: 20.248 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

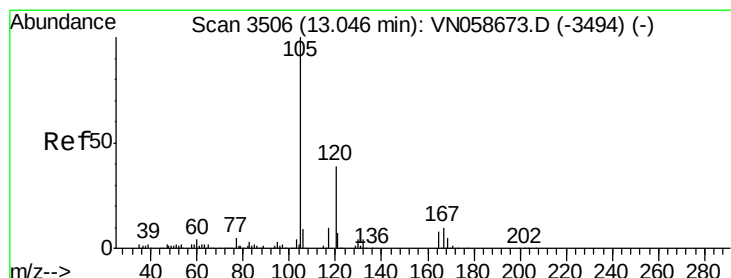
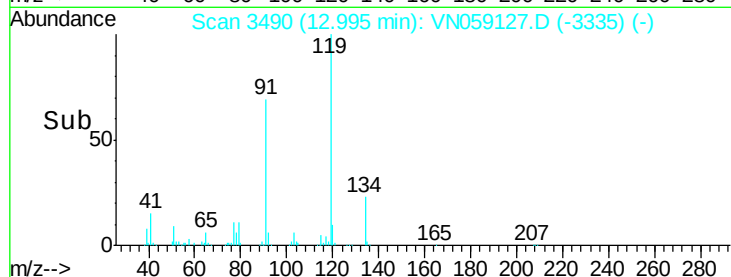
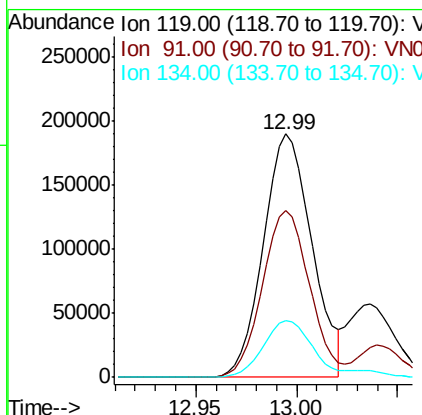
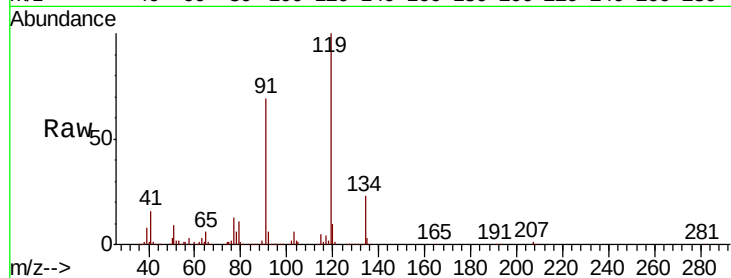
ClientSampleId :

VSTDCCC020EC

Tot Ion:	119	Resp:	317777
Ion Ratio	Lower	Upper	
119	100		
91	66.7	0.0	136.4
134	23.4	0.0	47.2

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#80

1,2,4-Trimethylbenzene

Concen: 20.167 ug/l

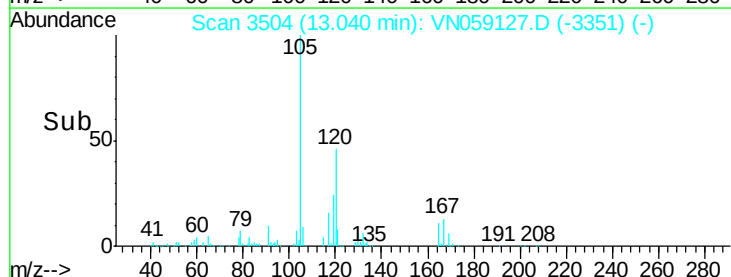
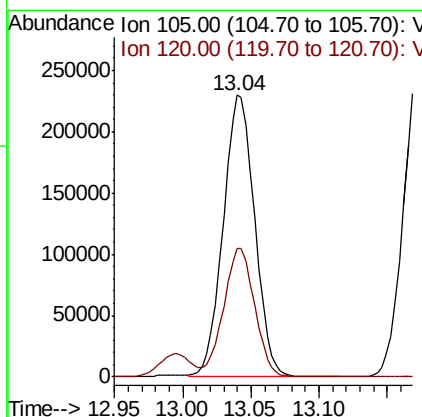
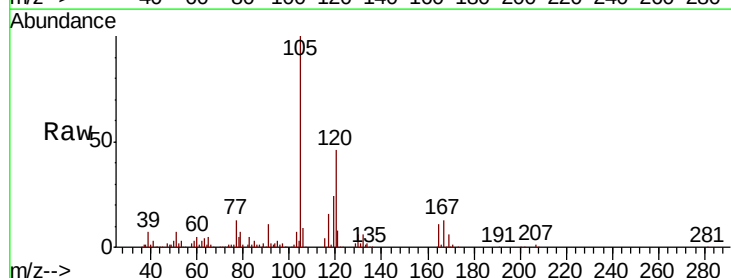
RT: 13.04 min Scan# 3504

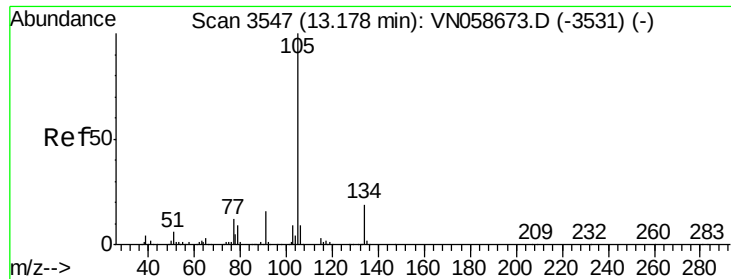
Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Tgt Ion:	105	Resp:	368119
Ion Ratio	Lower	Upper	
105	100		
120	45.0	0.0	89.2





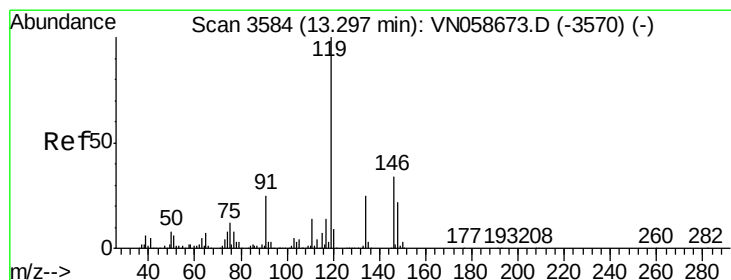
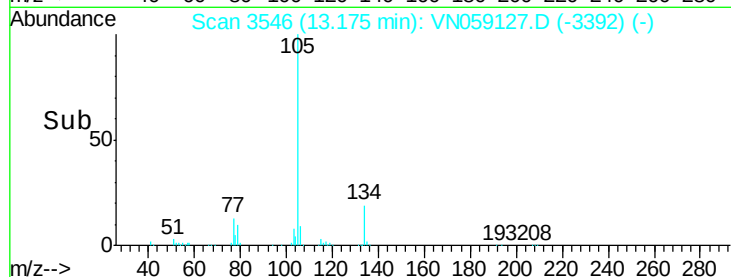
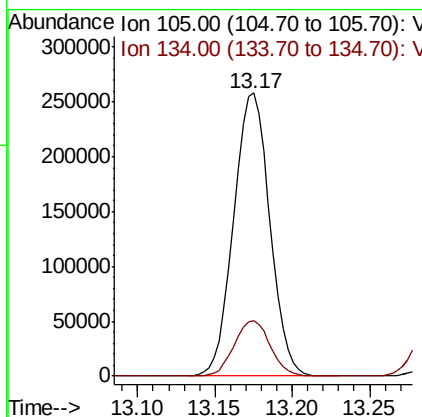
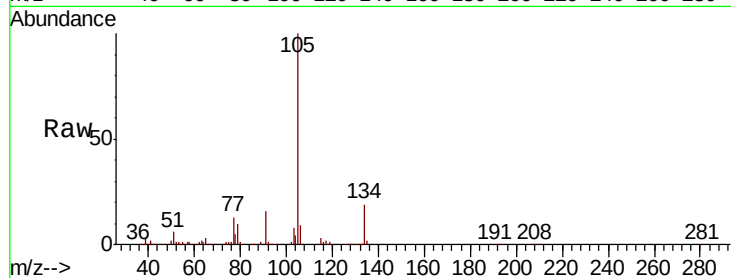
#81
 sec-Butylbenzene
 Concen: 19.837 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	418974		
134	19.5	0.0	38.0	

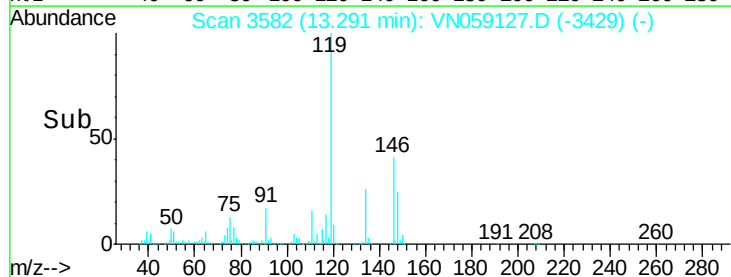
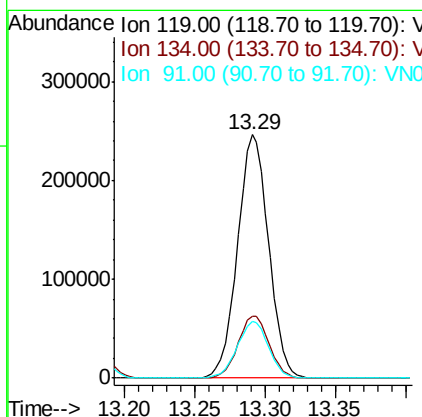
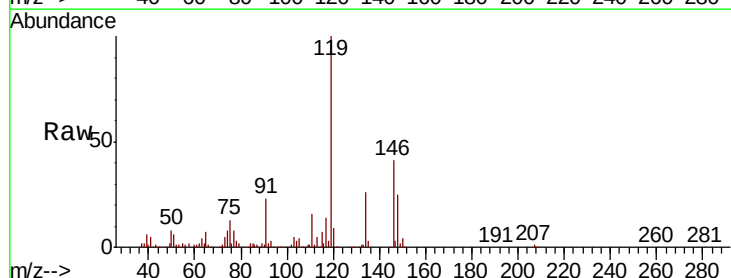
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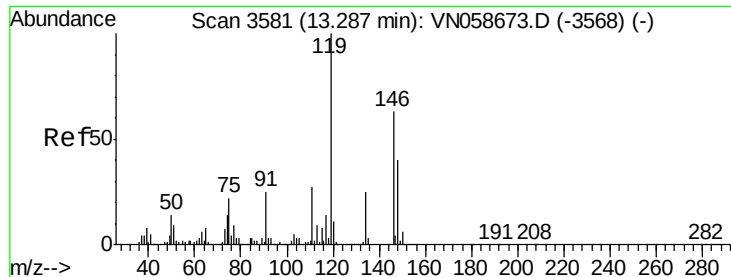
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#82
 p-Isopropyltoluene
 Concen: 19.991 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	379157		
134	25.8	0.0	50.8	
91	23.6	0.0	49.4	





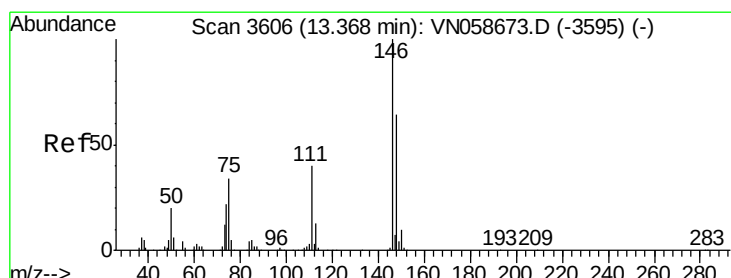
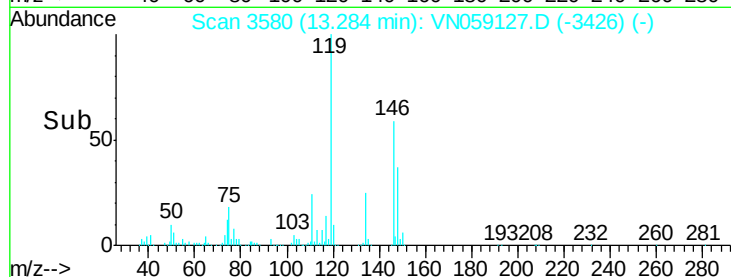
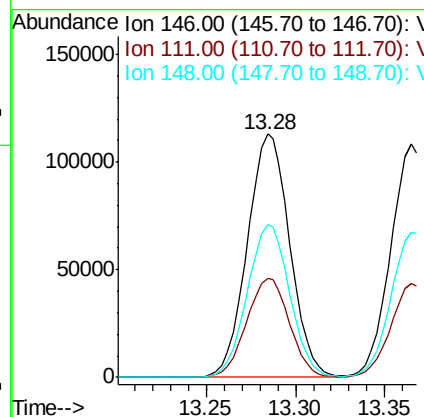
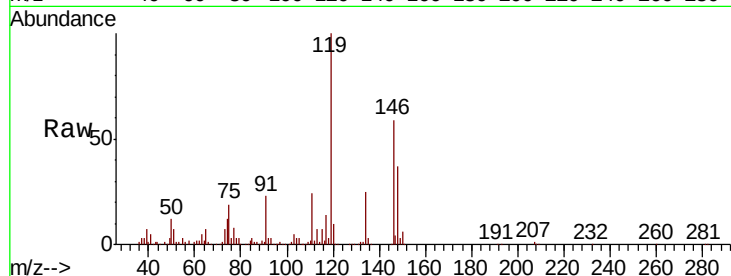
#83
1,3-Dichlorobenzene
Concen: 19.949 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.0	63.0
148	62.9	31.7	95.1

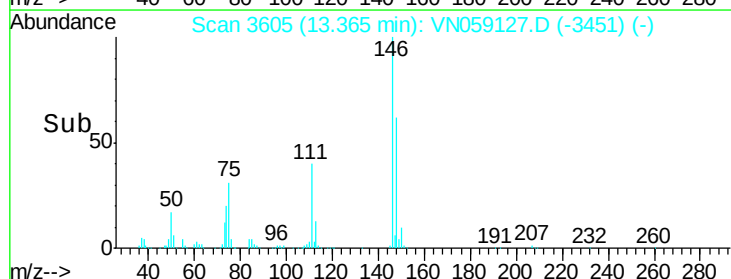
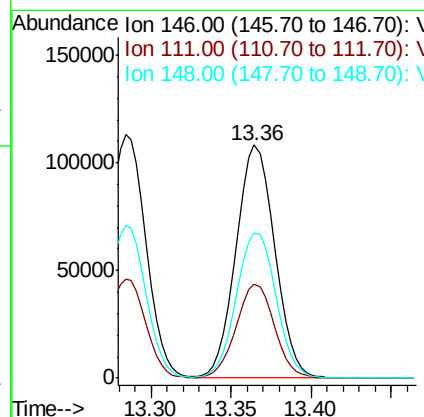
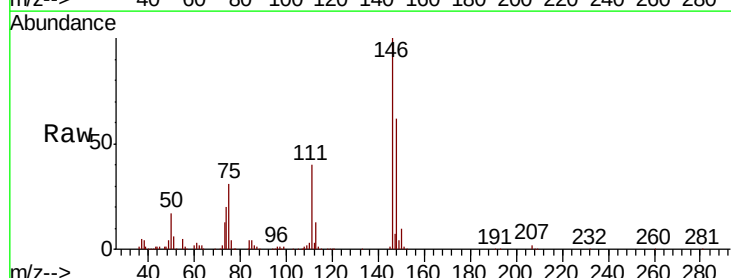
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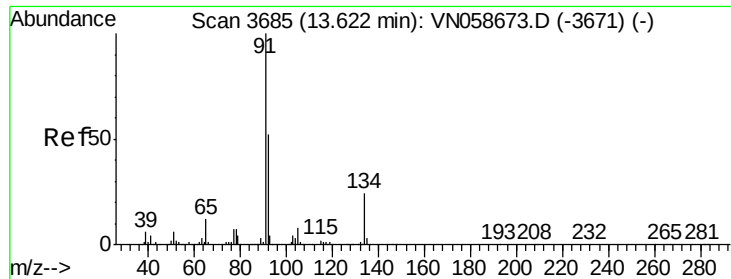
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#84
1,4-Dichlorobenzene
Concen: 19.015 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.4
148	64.0	31.6	94.8





#85

n-Butylbenzene

Concen: 17.842 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Instrument :

MSVOA_N

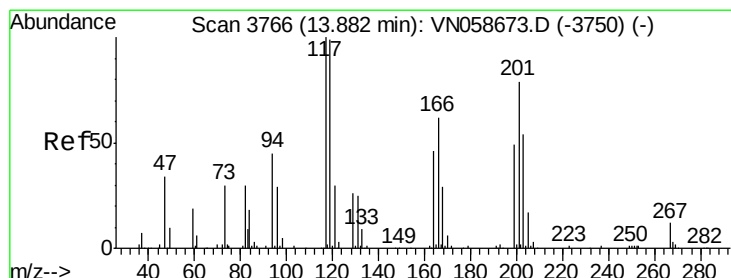
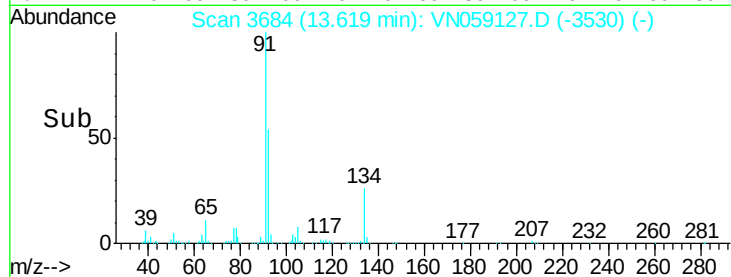
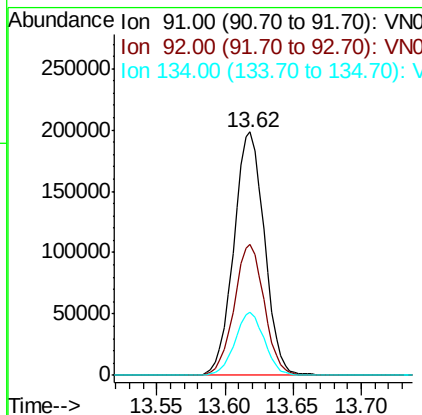
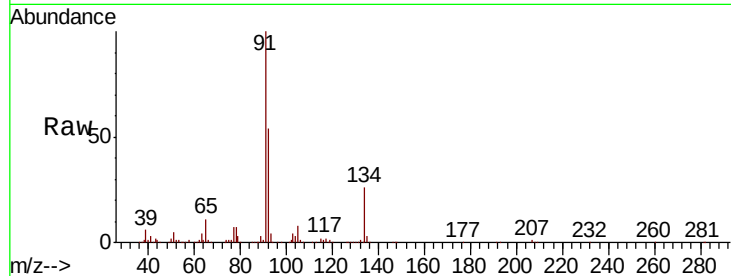
ClientSampleId :

VSTDCCC020EC

Tot Ion:	91	Resp:	309814
Ion	Ratio	Lower	Upper
91	100		
92	52.6	0.0	102.8
134	24.8	0.0	48.6

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#86

Hexachloroethane

Concen: 20.530 ug/l

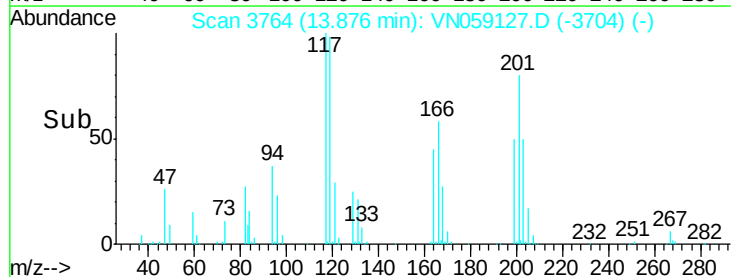
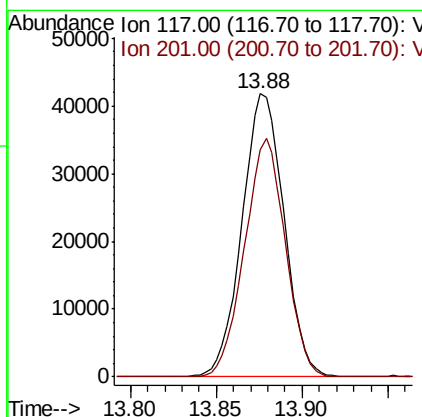
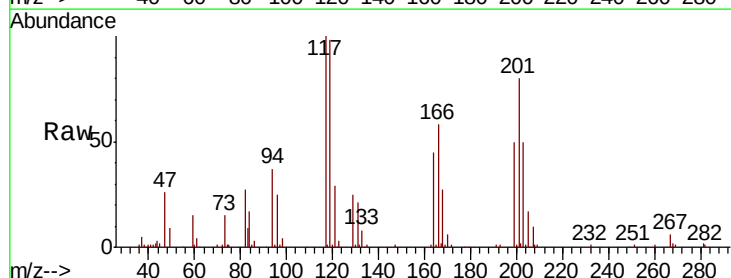
RT: 13.88 min Scan# 3764

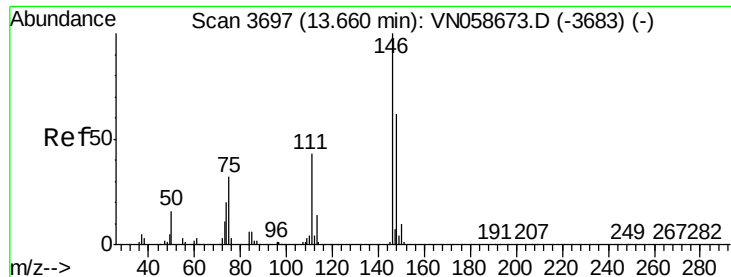
Delta R.T. -0.01 min

Lab File: VN059127.D

Acq: 7 Nov 2019 17:22

Tgt Ion:	117	Resp:	70861
Ion	Ratio	Lower	Upper
117	100		
201	81.6	38.7	116.1





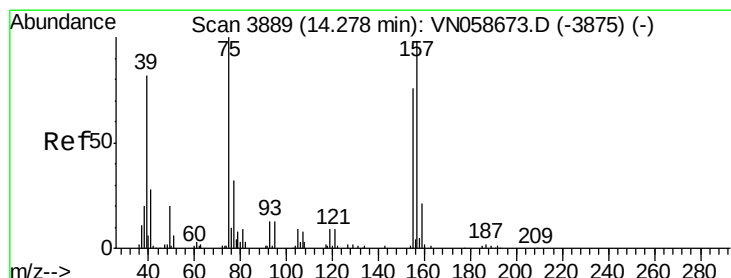
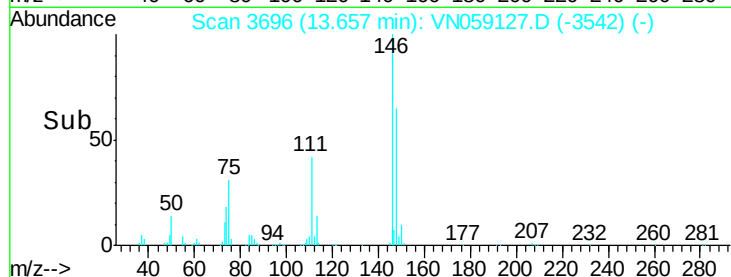
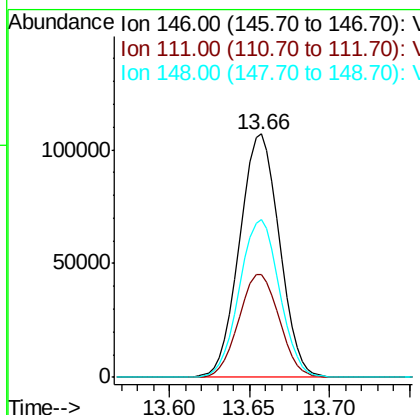
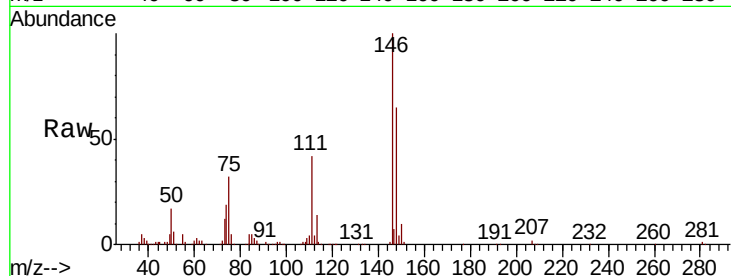
#87
 1,2-Dichlorobenzene
 Concen: 19.569 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.8	65.4
148	65.1	32.1	96.5

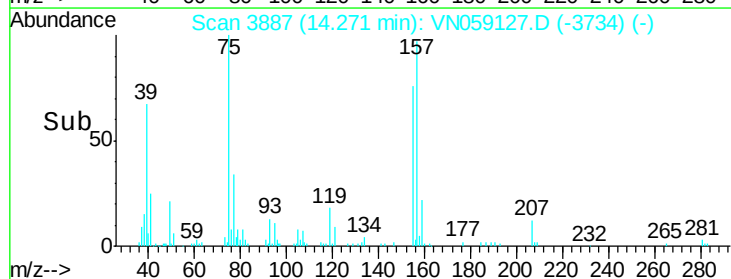
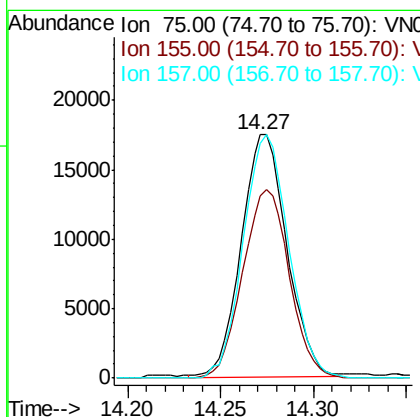
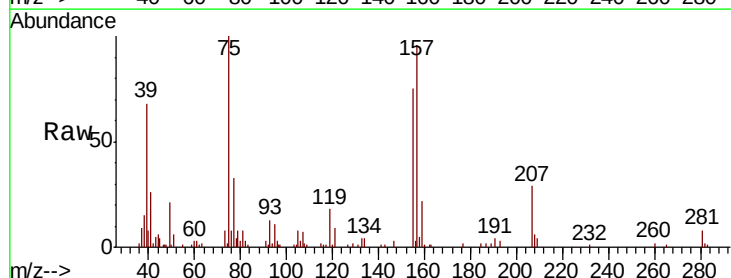
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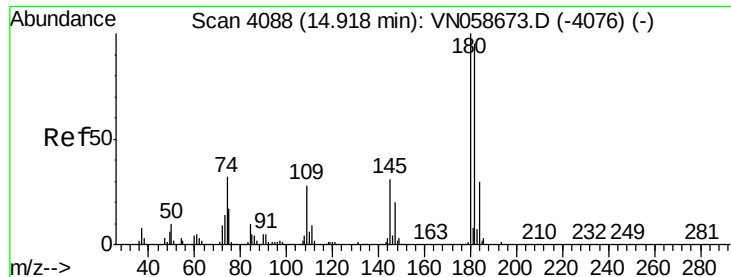
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.646 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.01 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.3	58.3	87.5
157	100.0	75.0	112.6





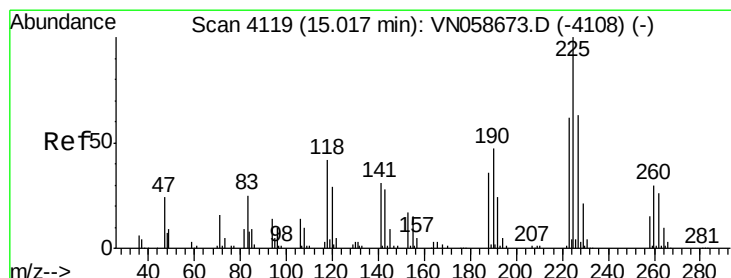
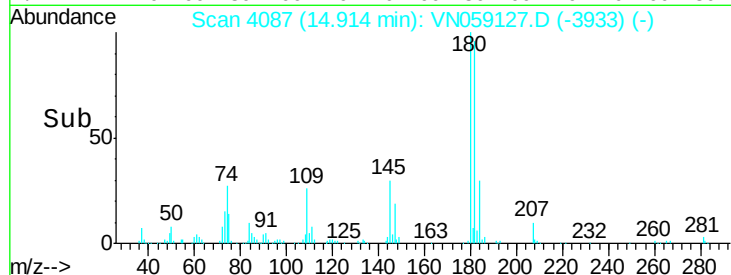
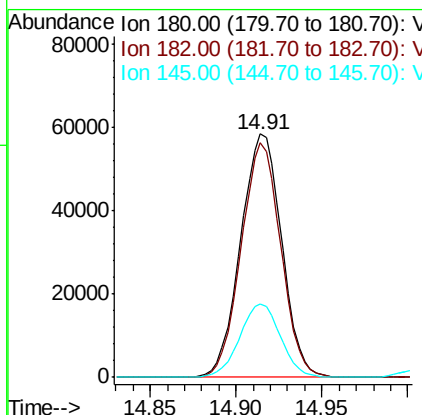
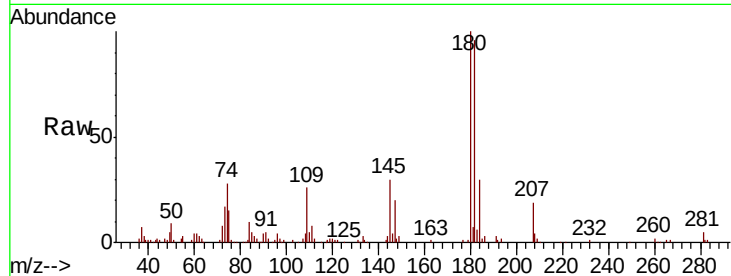
#89
 1,2,4-Trichlorobenzene
 Concen: 16.500 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	96955		
182	93.3		75.3	112.9
145	30.1		24.8	37.2

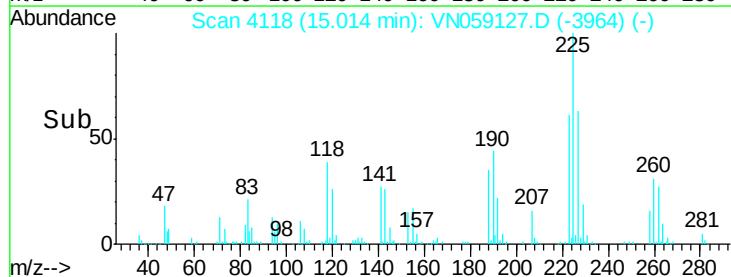
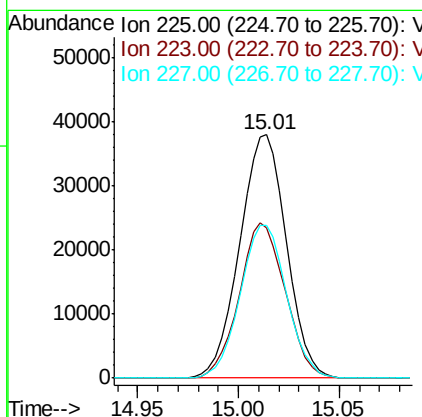
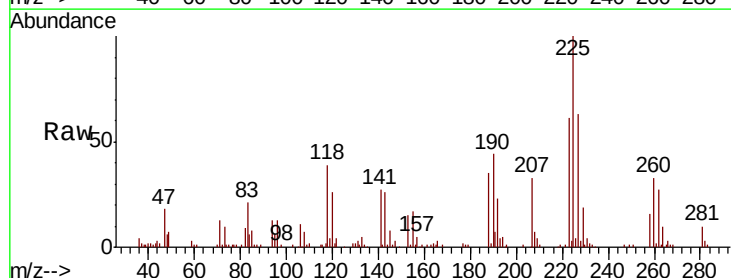
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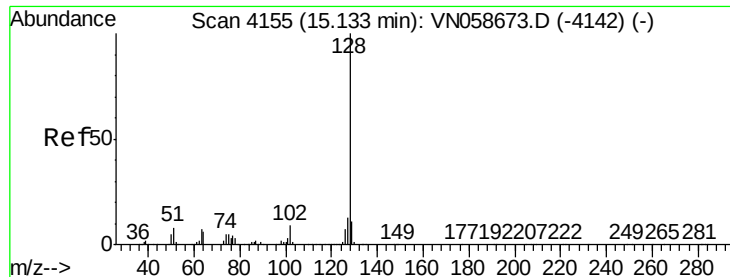
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#90
 Hexachlorobutadiene
 Concen: 20.311 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN059127.D
 Acq: 7 Nov 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61630		
223	62.7		0.0	126.2
227	62.3		0.0	127.0





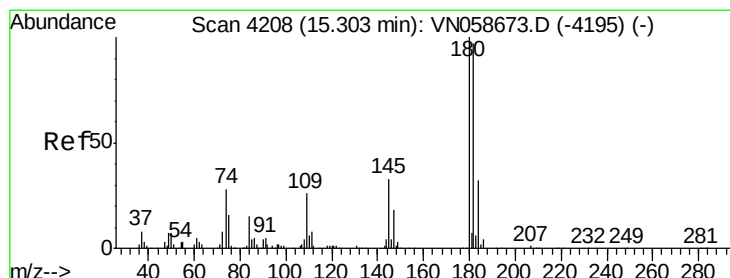
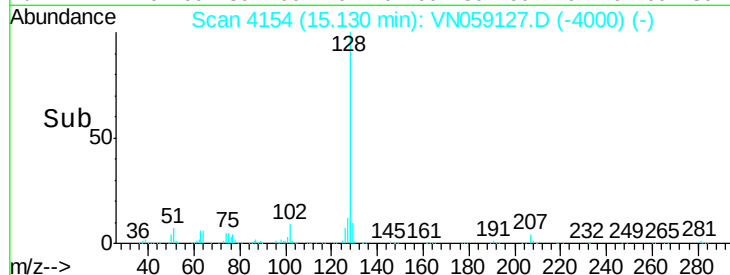
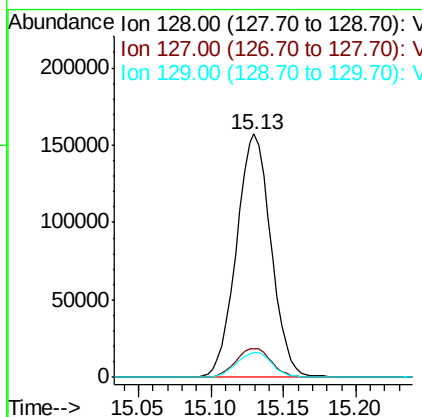
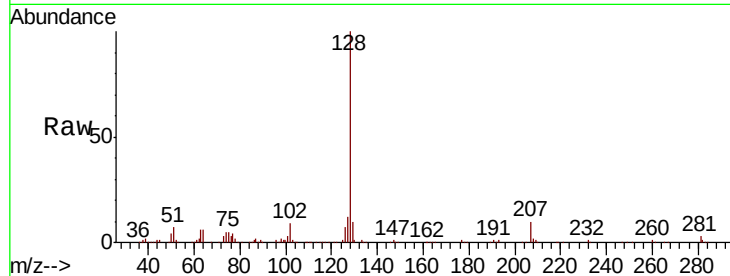
#91
Naphthalene
Concen: 15.025 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tot Ion:	128	Resp:	260671
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.2
129	10.6	8.6	13.0

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 17.166 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. -0.00 min
Lab File: VN059127.D
Acq: 7 Nov 2019 17:22

Tgt Ion:	180	Resp:	98191
Ion Ratio	Lower	Upper	
180	100		
182	94.7	0.0	193.4
145	33.3	0.0	65.8

