

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065013.D
 Acq On : 9 Dec 2020 12:13
 Operator : JC/MD
 Sample : VN1209WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:14:31 AM

Quant Time: Dec 10 04:30:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	197446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	303425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	271002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	108400	47.22	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.44%
35) Dibromofluoromethane	7.55	113	92091	50.72	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.44%
50) Toluene-d8	10.06	98	345233	46.54	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.08%
62) 4-Bromofluorobenzene	12.37	95	123062	46.35	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.70%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	25331	14.803	ug/l 99
3) Chloromethane	2.04	50	32613	14.666	ug/l 99
4) Vinyl Chloride	2.17	62	37140	16.020	ug/l 100
5) Bromomethane	2.53	94	25227	16.585	ug/l 95
6) Chloroethane	2.67	64	25291	17.637	ug/l 98
7) Trichlorofluoromethane	2.99	101	55633	17.359	ug/l 99
8) Diethyl Ether	3.37	74	22968	18.157	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	34750	18.076	ug/l 98
10) Methyl Iodide	3.91	142	39834	15.974	ug/l 99
11) Tert butyl alcohol	4.74	59	28232	78.865	ug/l 100
12) 1,1-Dichloroethene	3.69	96	32509	16.979	ug/l 98
13) Acrolein	3.56	56	18701	85.525	ug/l 98
14) Allyl chloride	4.27	41	52287	16.557	ug/l 99
15) Acrylonitrile	4.93	53	86834	87.806	ug/l 98
16) Acetone	3.78	43	80634	106.860	ug/l 97
17) Carbon Disulfide	4.01	76	75106	15.196	ug/l 100
18) Methyl Acetate	4.28	43	42737	18.838	ug/l # 74
19) Methyl tert-butyl Ether	4.99	73	112402	18.305	ug/l 98
20) Methylene Chloride	4.50	84	41471	17.539	ug/l 99
21) trans-1,2-Dichloroethene	4.98	96	34740	16.339	ug/l 99
22) Diisopropyl ether	5.90	45	117630	18.610	ug/l 98
23) Vinyl Acetate	5.84	43	456589	90.332	ug/l 99
24) 1,1-Dichloroethane	5.79	63	69878	18.499	ug/l 99
25) 2-Butanone	6.79	43	112365	91.861	ug/l 98
26) 2,2-Dichloropropane	6.77	77	58098	17.733	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	41945	17.532	ug/l 99
28) Bromochloromethane	7.15	49	31850	18.431	ug/l 96
29) Tetrahydrofuran	7.17	42	73542	87.097	ug/l 98
30) Chloroform	7.33	83	72211	18.537	ug/l 99
31) Cyclohexane	7.61	56	51260	16.022	ug/l 95
32) 1,1,1-Trichloroethane	7.52	97	59481	17.778	ug/l 99
36) 1,1-Dichloropropene	7.75	75	49560	17.622	ug/l 98
37) Ethyl Acetate	6.88	43	46540	17.179	ug/l 98
38) Carbon Tetrachloride	7.73	117	51983	17.764	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	48667	16.074	ug/l	99
40) Benzene	8.00	78	155313	18.021	ug/l	99
41) Methacrylonitrile	7.12	41	19817	15.853	ug/l	99
42) 1,2-Dichloroethane	8.08	62	53726	18.479	ug/l	100
43) Isopropyl Acetate	8.13	43	78285	17.958	ug/l	99
44) Trichloroethene	8.80	130	43480	17.099	ug/l	99
45) 1,2-Dichloropropane	9.08	63	42091	18.859	ug/l	100
46) Dibromomethane	9.17	93	27658	18.550	ug/l	98
47) Bromodichloromethane	9.37	83	56504	18.834	ug/l	97
48) Methyl methacrylate	9.16	41	35568	17.075	ug/l	99
49) 1,4-Dioxane	9.16	88	13264	336.906	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	230232	87.972	ug/l	99
52) Toluene	10.12	92	98112	18.486	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	59920	17.932	ug/l	97
54) cis-1,3-Dichloropropene	9.80	75	66076	18.448	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	40642	18.622	ug/l	98
56) Ethyl methacrylate	10.40	69	52995	17.596	ug/l	100
57) 1,3-Dichloropropane	10.68	76	67666	18.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	140606	84.872	ug/l	99
59) 2-Hexanone	10.72	43	164233	87.196	ug/l	98
60) Dibromochloromethane	10.87	129	45372	18.702	ug/l	98
61) 1,2-Dibromoethane	10.97	107	40347	18.196	ug/l	100
64) Tetrachloroethene	10.60	164	45004	17.069	ug/l	97
65) Chlorobenzene	11.40	112	109650	18.841	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	41588	19.445	ug/l	98
67) Ethyl Benzene	11.48	91	176962	18.202	ug/l	98
68) m/p-Xylenes	11.59	106	138358	37.588	ug/l	99
69) o-Xylene	11.92	106	67463	19.314	ug/l	96
70) Styrene	11.94	104	112400	19.061	ug/l	98
71) Bromoform	12.10	173	30724	17.986	ug/l	# 98
73) Isopropylbenzene	12.22	105	172365	18.952	ug/l	99
74) N-amyl acetate	12.04	43	61589	17.208	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	53812	20.187	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	50576m	17.961	ug/l	
77) Bromobenzene	12.50	156	46819	19.095	ug/l	98
78) n-propylbenzene	12.56	91	195962	18.914	ug/l	99
79) 2-Chlorotoluene	12.65	91	120692	18.845	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	148166	19.600	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	17985	17.506	ug/l	96
82) 4-Chlorotoluene	12.75	91	127205	18.949	ug/l	99
83) tert-Butylbenzene	12.96	119	120965	19.091	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	150257	19.659	ug/l	99
85) sec-Butylbenzene	13.14	105	158463	18.836	ug/l	99
86) p-Isopropyltoluene	13.26	119	144629	18.883	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	81677	18.750	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	82964	18.009	ug/l	98
89) n-Butylbenzene	13.59	91	117141	17.415	ug/l	99
90) Hexachloroethane	13.85	117	25493	19.159	ug/l	95
91) 1,2-Dichlorobenzene	13.62	146	81615	19.081	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10386	17.316	ug/l	93

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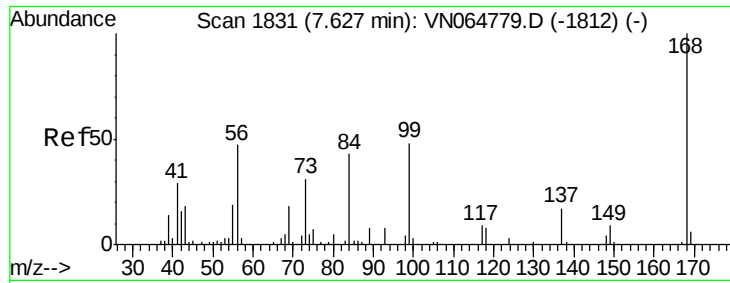
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	40140	15.170	ug/l	97
94) Hexachlorobutadiene	14.98	225	23366	19.837	ug/l	97
95) Naphthalene	15.10	128	107654	13.581	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	37295	15.811	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tot Ion:168 Resp: 197446

Ion Ratio Lower Upper

168 100

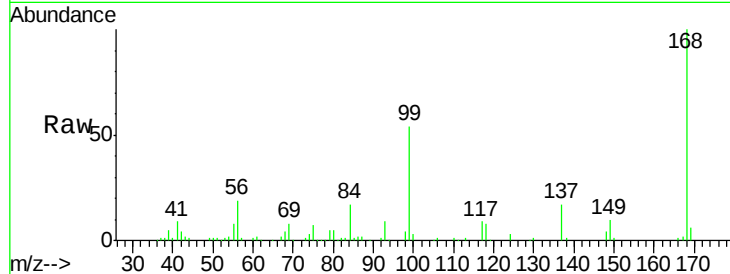
99 53.4 43.0 64.4

Manual Integrations

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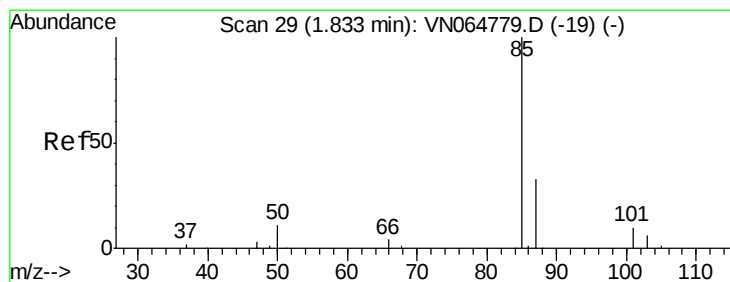
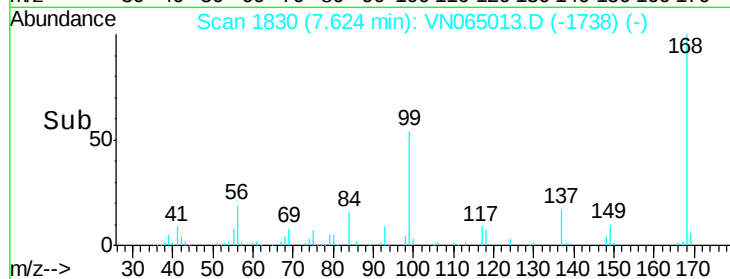
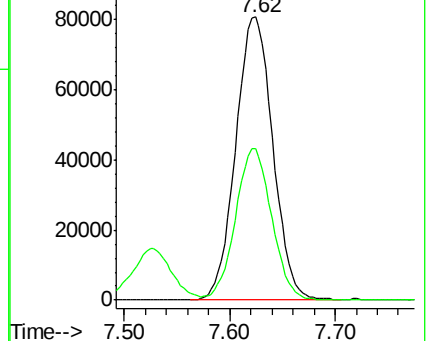
MMDadoda

12/10/2020 9:14:31 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 14.803 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN065013.D

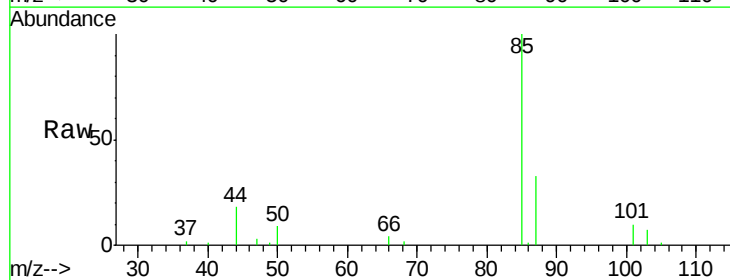
Acq: 9 Dec 2020 12:13

Tgt Ion: 85 Resp: 25331

Ion Ratio Lower Upper

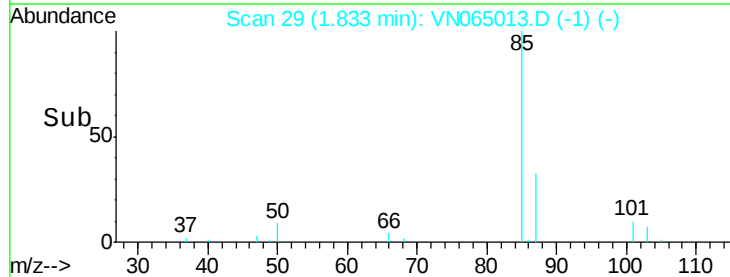
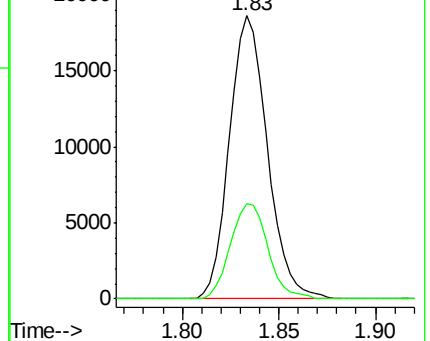
85 100

87 33.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 14.666 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tot Ion: 50 Resp: 32613

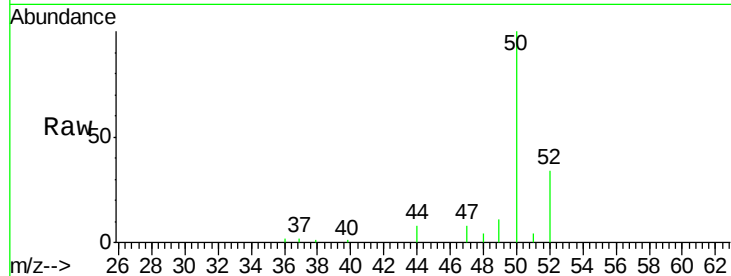
Ion Ratio Lower Upper

50 100

52 33.8 26.6 39.8

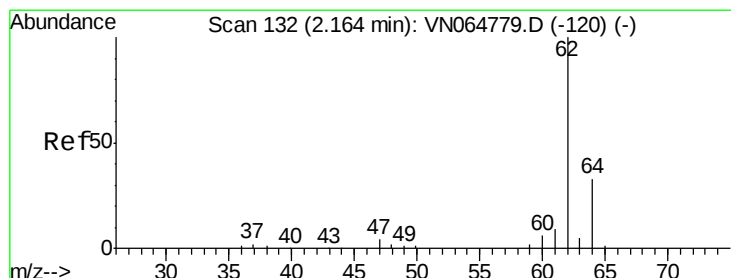
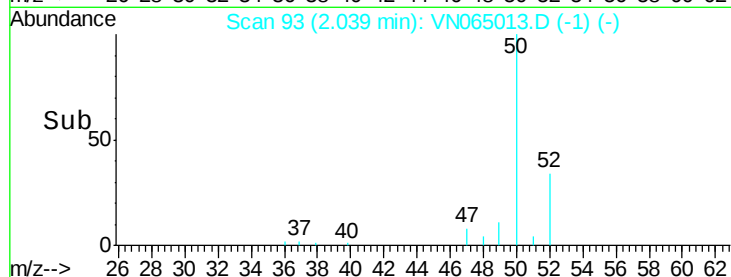
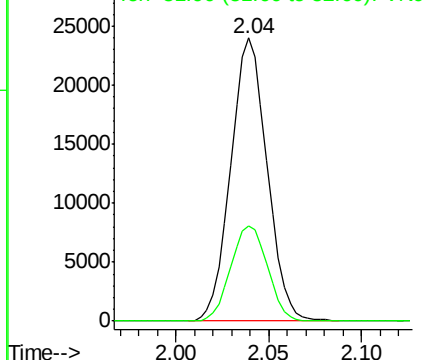
Manual Integrations
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Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 16.020 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN065013.D

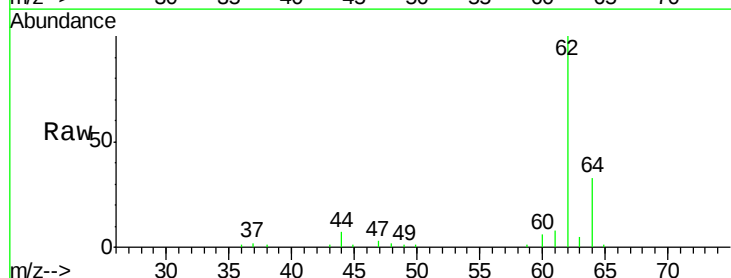
Acq: 9 Dec 2020 12:13

Tgt Ion: 62 Resp: 37140

Ion Ratio Lower Upper

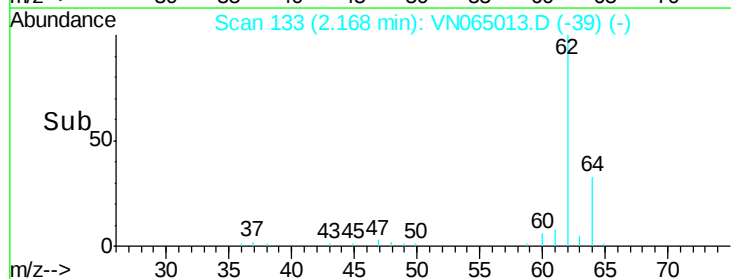
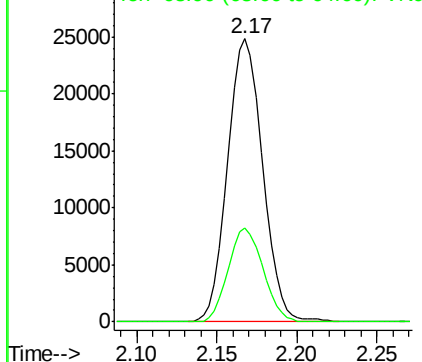
62 100

64 33.3 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 16.585 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tot Ion: 94 Resp: 25227

Ion Ratio Lower Upper

94 100

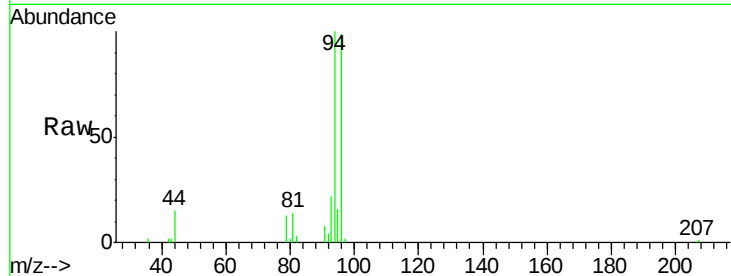
96 98.7 75.4 113.0

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

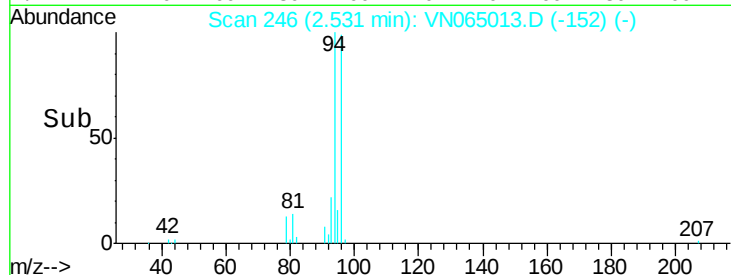
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10000

5000

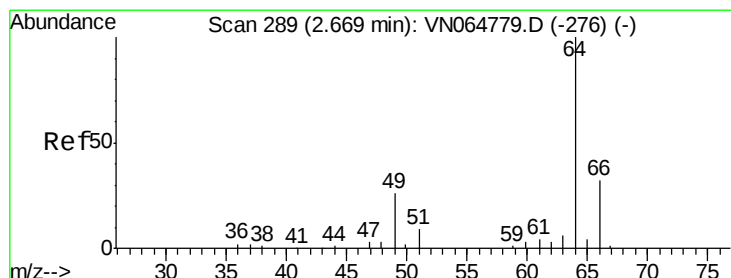
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Time-->



2.53

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 17.637 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN065013.D

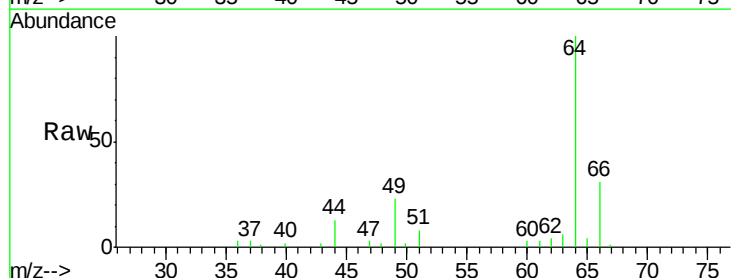
Acq: 9 Dec 2020 12:13

Tgt Ion: 64 Resp: 25291

Ion Ratio Lower Upper

64 100

66 31.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

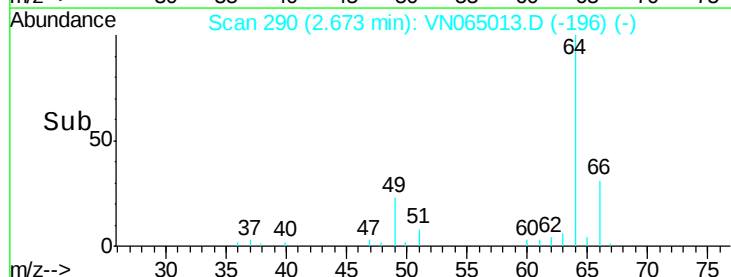
15000

10000

5000

0

Time-->



2.67

2.60 2.65 2.70 2.75



#7

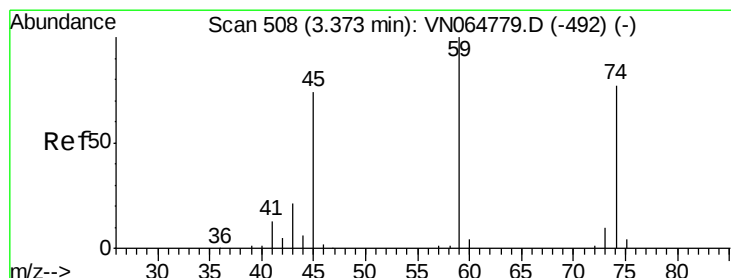
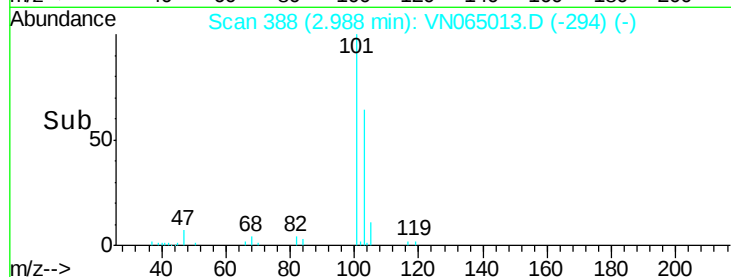
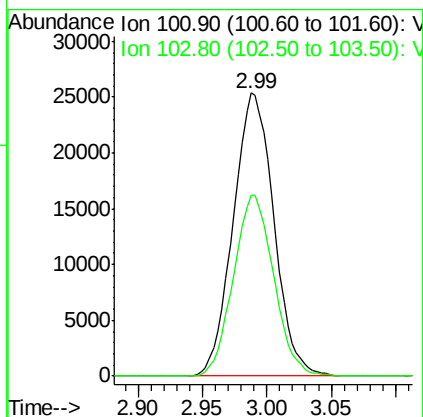
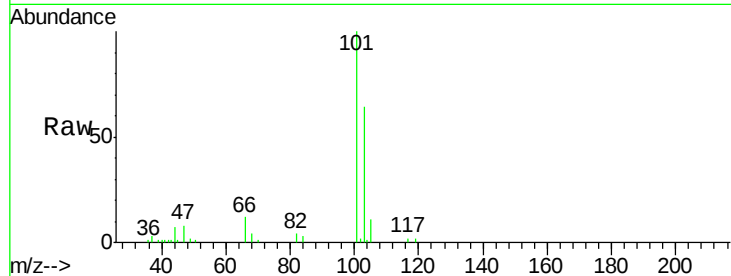
Trichlorofluoromethane
Concen: 17.359 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	50.5	75.7

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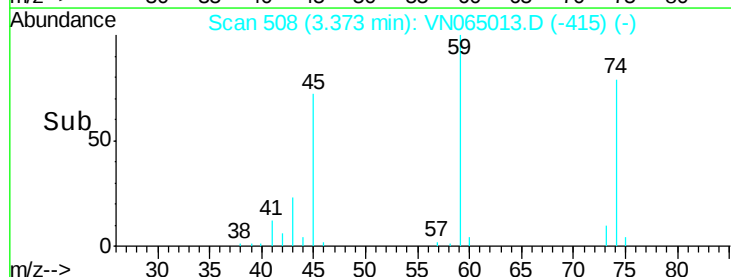
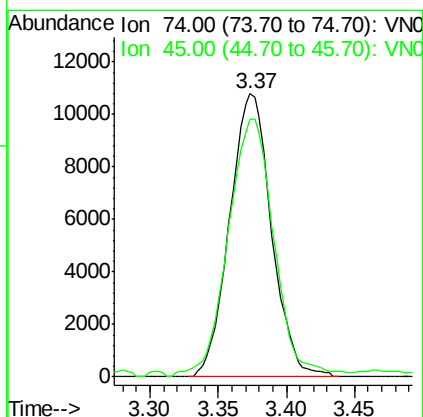
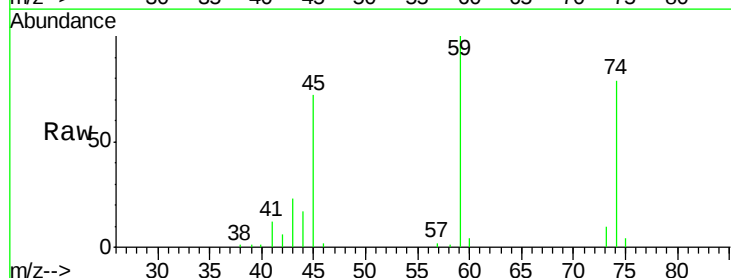
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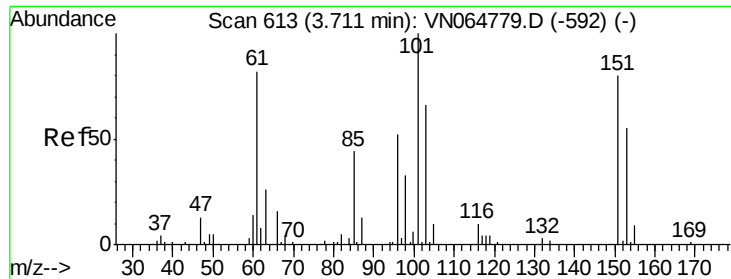


#8

Diethyl Ether
Concen: 18.157 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.4	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.076 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Instrument :

MSVOA_N

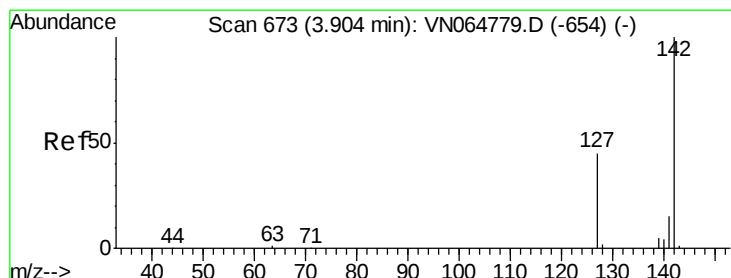
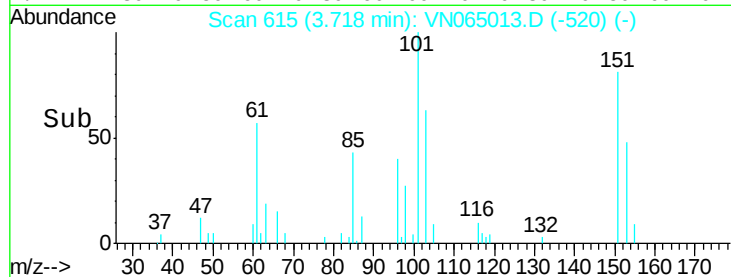
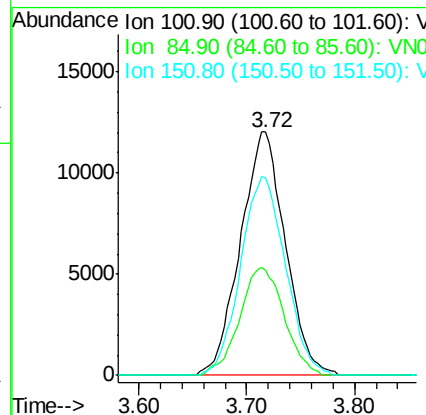
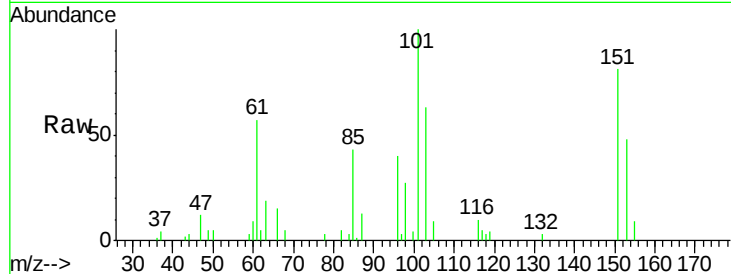
ClientSampleId :

VN1209WBSD01

Tot Ion:	101	Resp:	34750
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.4	51.6
151	81.6	64.0	96.0

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#10

Methyl Iodide

Concen: 15.974 ug/l

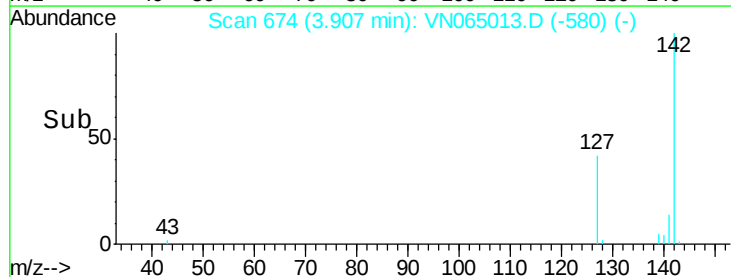
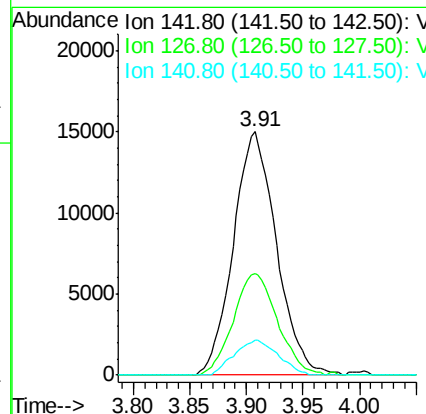
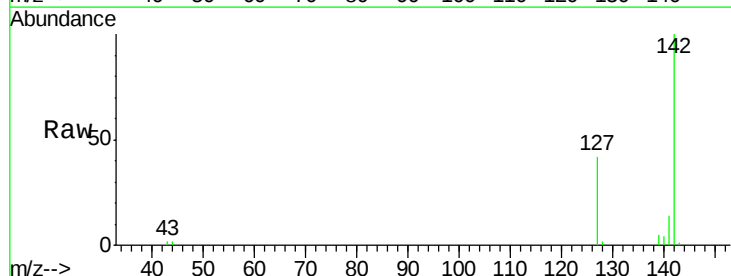
RT: 3.91 min Scan# 674

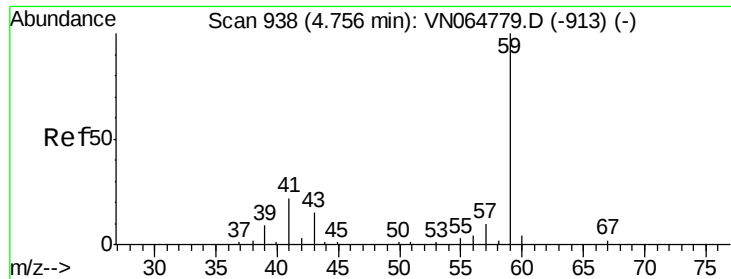
Delta R.T. 0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Tgt Ion:	142	Resp:	39834
Ion Ratio	Lower	Upper	
142	100		
127	42.6	35.0	52.6
141	14.6	11.8	17.6





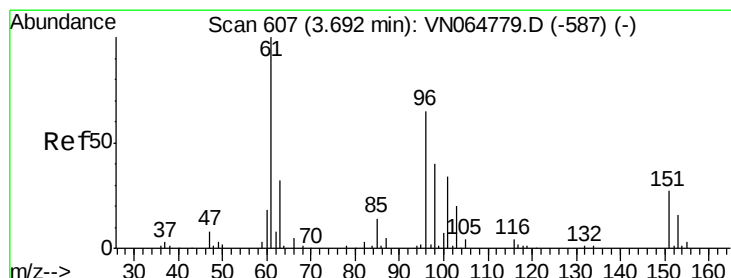
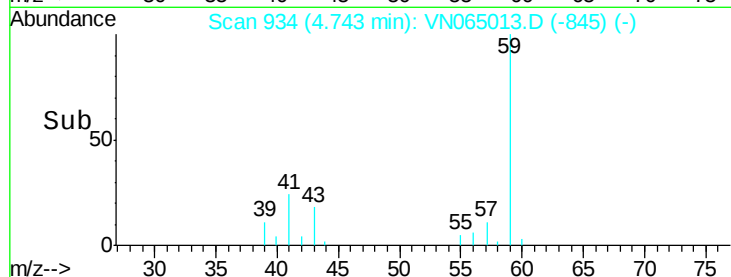
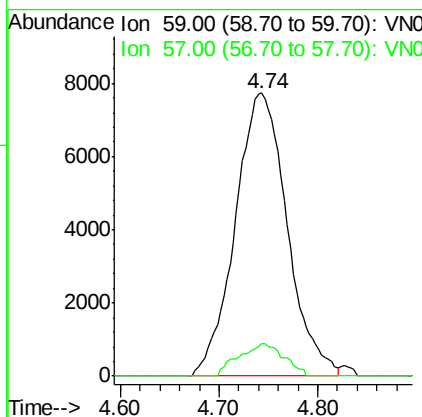
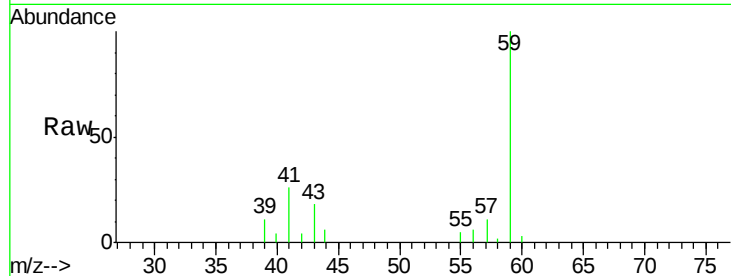
#11
Tert butyl alcohol
Concen: 78.865 ug/l
RT: 4.74 min Scan# 934
Delta R.T. -0.01 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion: 59 Resp: 28232
Ion Ratio Lower Upper
59 100
57 10.0 7.9 11.9

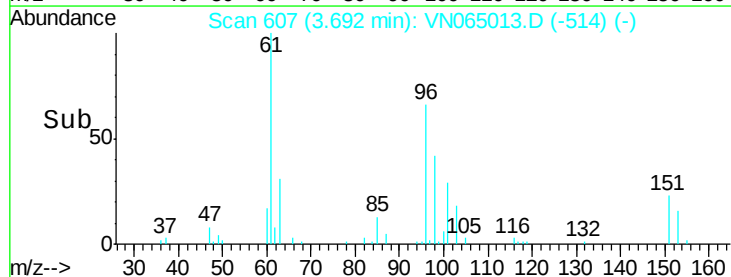
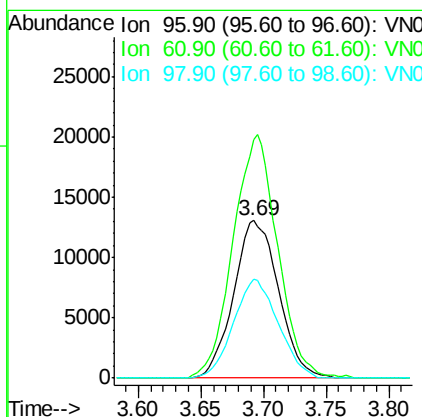
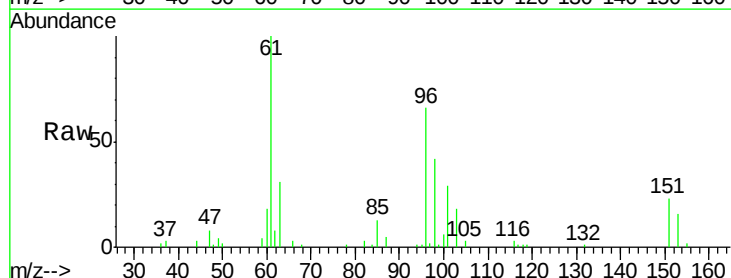
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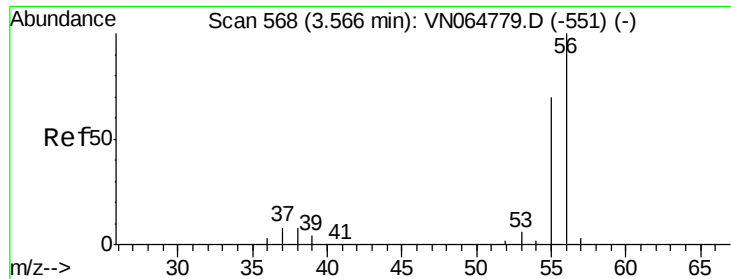
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#12
1,1-Dichloroethene
Concen: 16.979 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion: 96 Resp: 32509
Ion Ratio Lower Upper
96 100
61 151.3 123.4 185.2
98 63.2 49.8 74.8





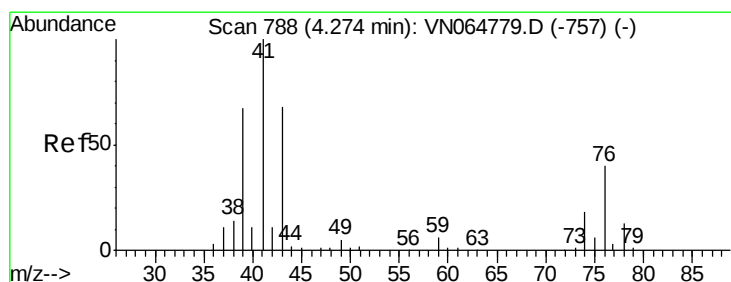
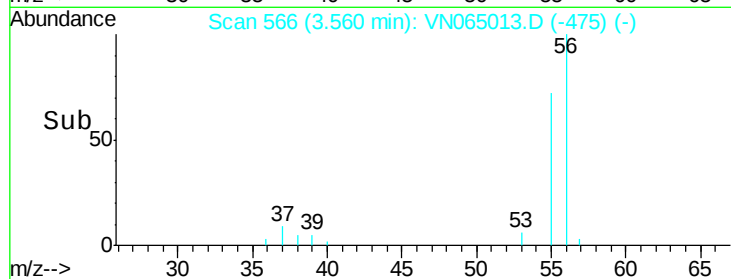
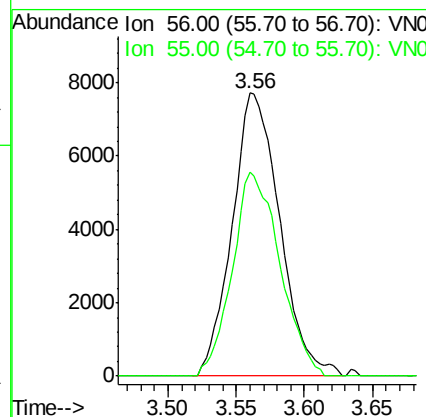
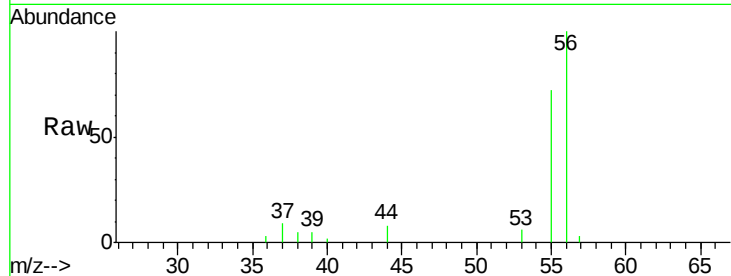
#13
 Acrolein
 Concen: 85.525 ug/l
 RT: 3.56 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Tot Ion: 56 Resp: 18701
 Ion Ratio Lower Upper
 56 100
 55 72.1 56.5 84.7

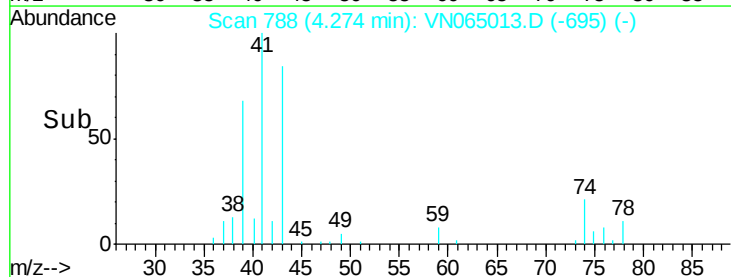
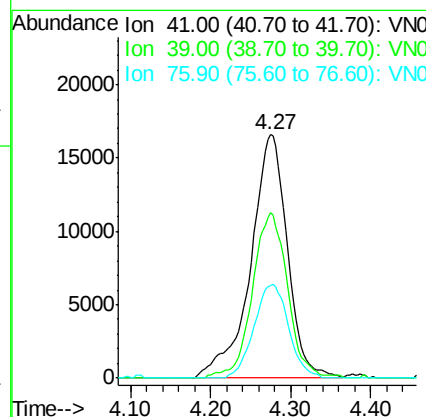
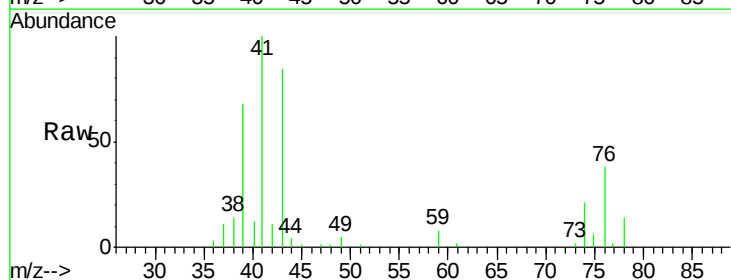
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#14
 Allyl chloride
 Concen: 16.557 ug/l
 RT: 4.27 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Tgt Ion: 41 Resp: 52287
 Ion Ratio Lower Upper
 41 100
 39 65.1 50.9 76.3
 76 36.1 29.0 43.4





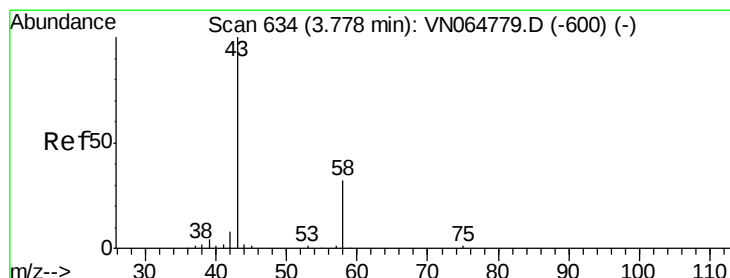
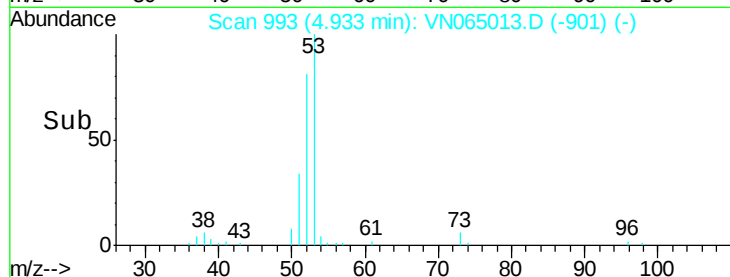
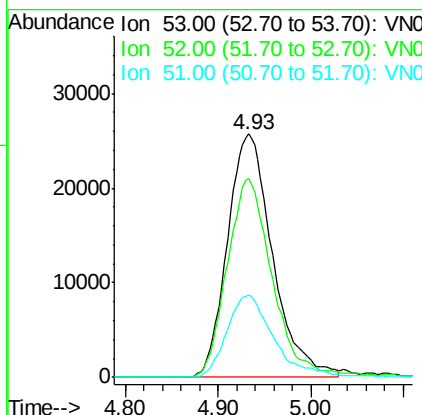
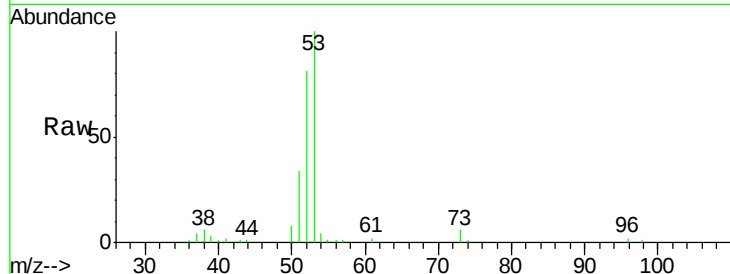
#15
 Acrylonitrile
 Concen: 87.806 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Tot Ion	Ratio	Lower	Upper
53	100		
52	80.0	65.5	98.3
51	35.0	28.6	43.0

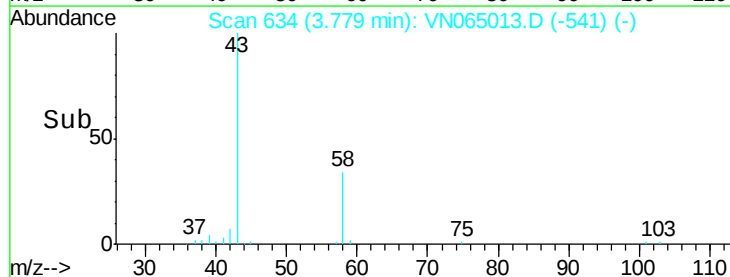
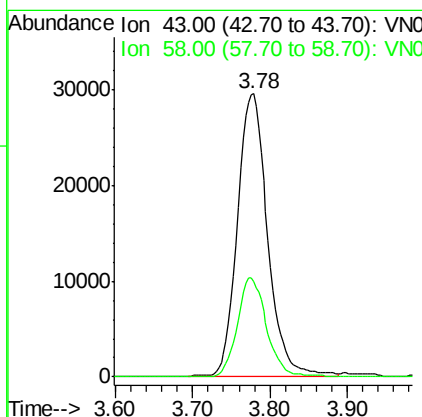
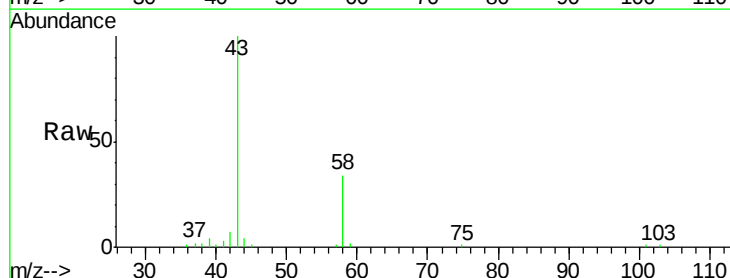
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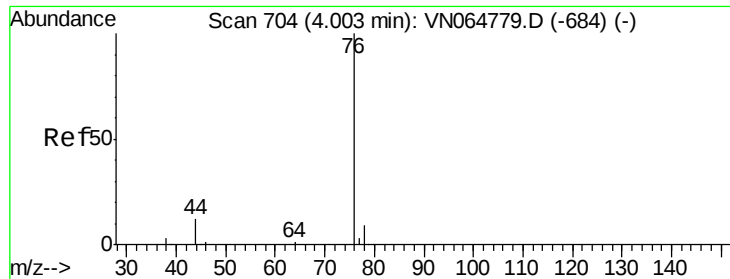
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#16
 Acetone
 Concen: 106.860 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.8	25.7	38.5





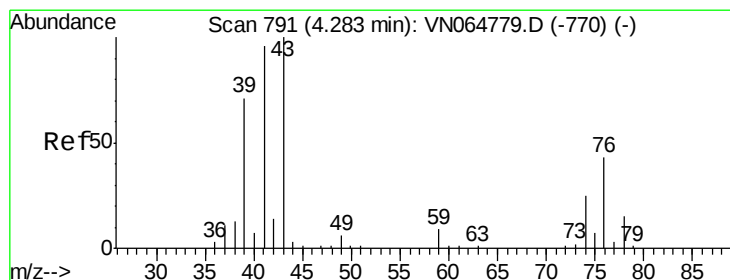
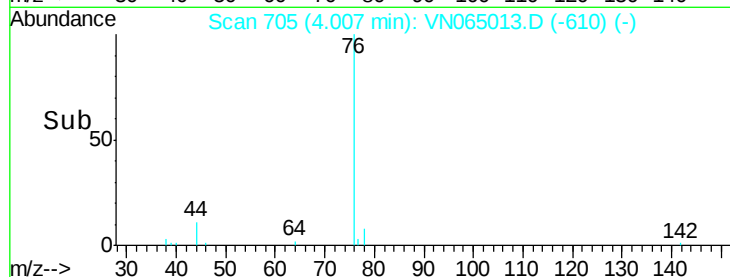
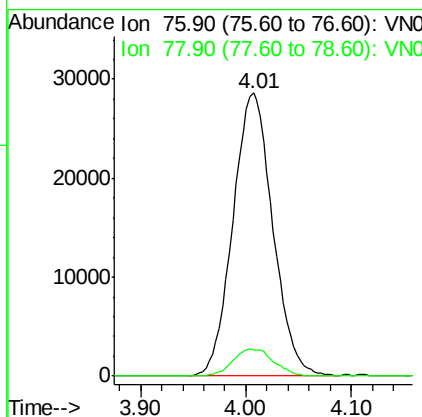
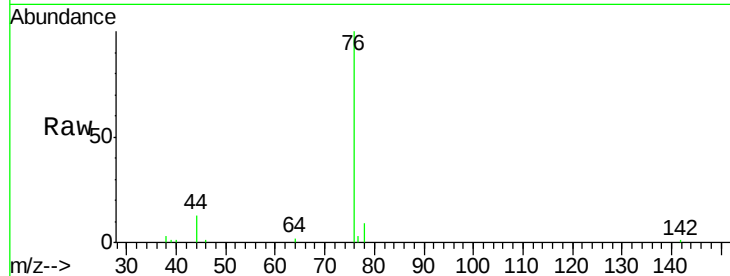
#17
Carbon Disulfide
Concen: 15.196 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion: 76 Resp: 75106
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

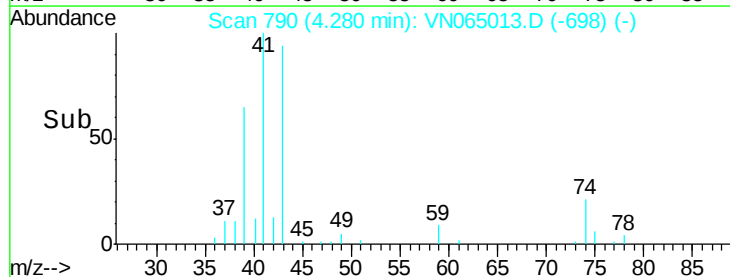
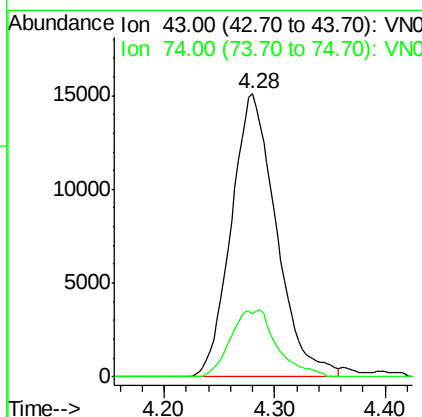
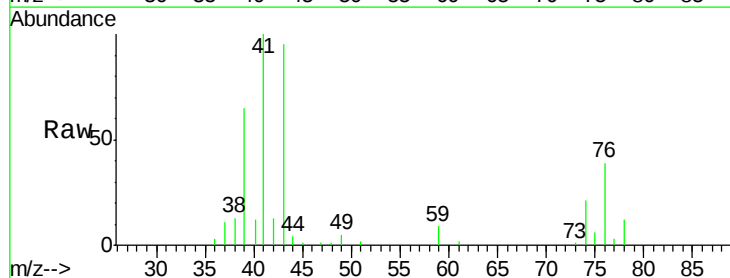
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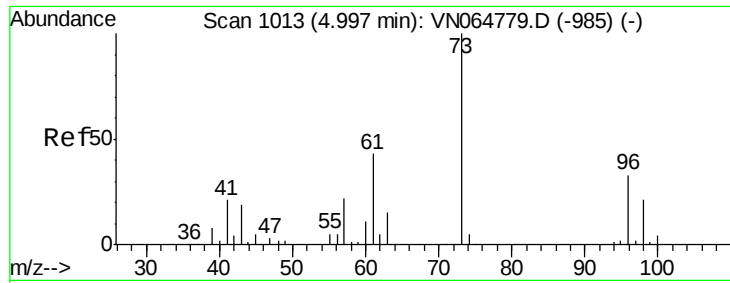
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#18
Methyl Acetate
Concen: 18.838 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion: 43 Resp: 42737
Ion Ratio Lower Upper
43 100
74 12.1 20.2 30.2#





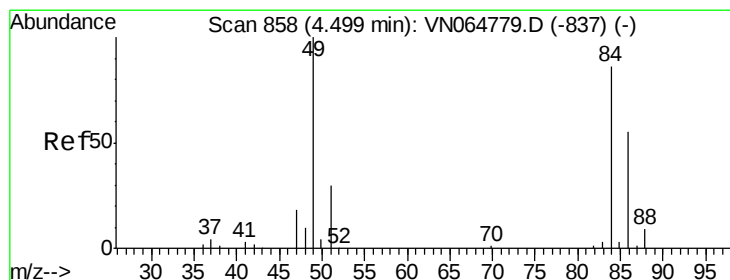
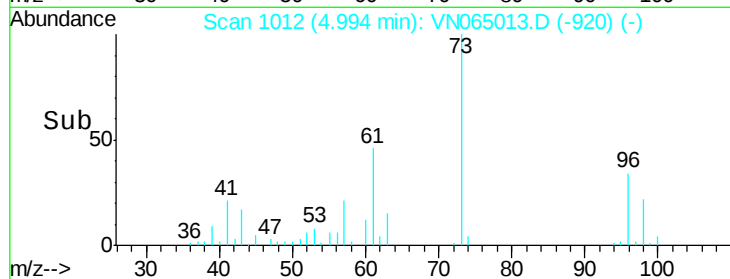
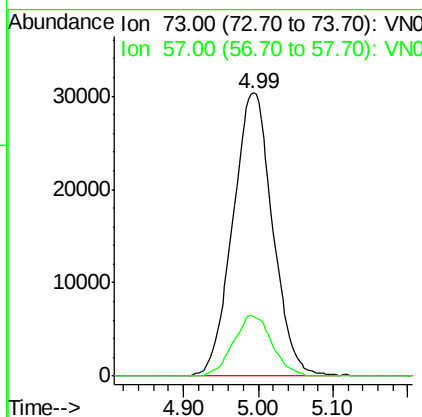
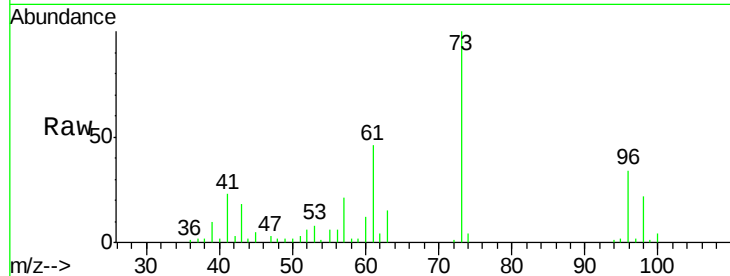
#19
Methvl tert-butvl Ether
Concen: 18.305 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion: 73 Resp: 112402
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.0

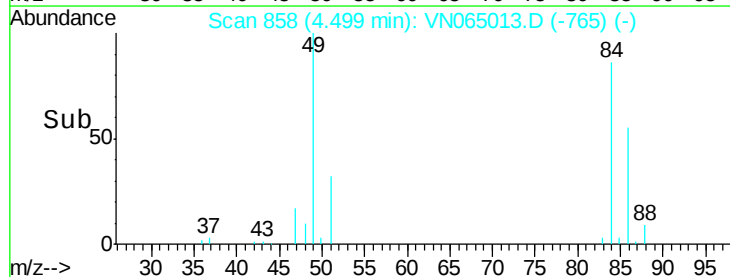
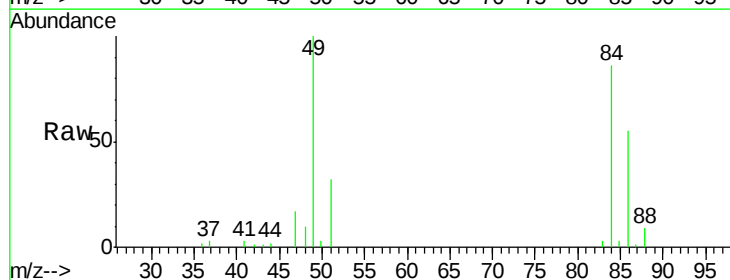
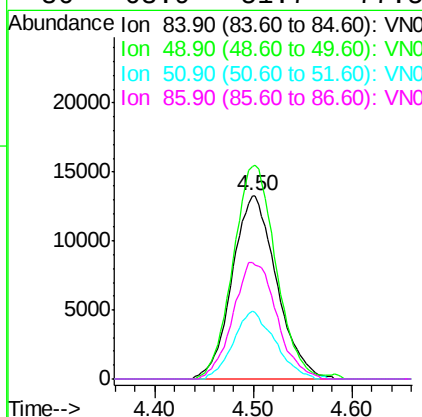
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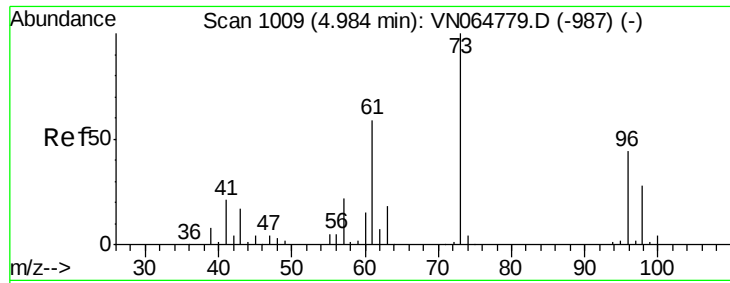
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#20
Methylene Chloride
Concen: 17.539 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion: 84 Resp: 41471
Ion Ratio Lower Upper
84 100
49 116.2 93.4 140.0
51 36.8 28.2 42.4
86 63.9 51.7 77.5





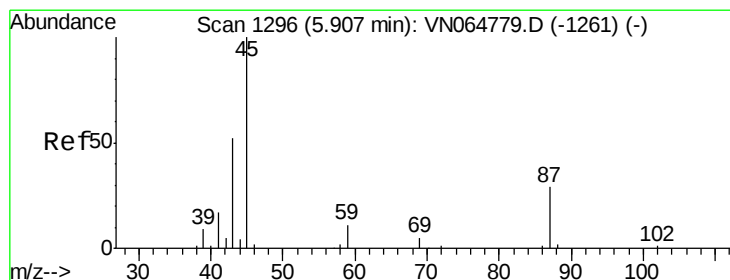
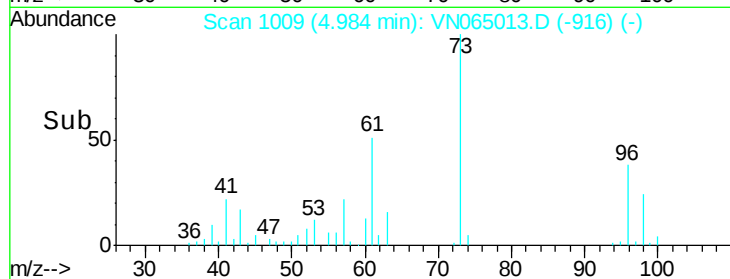
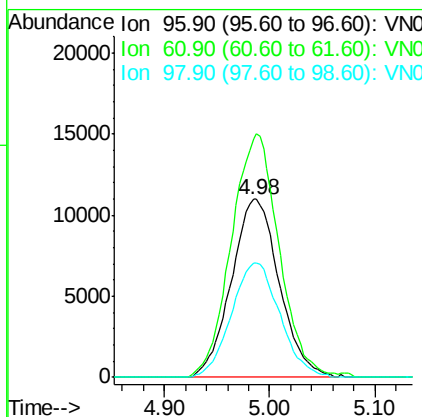
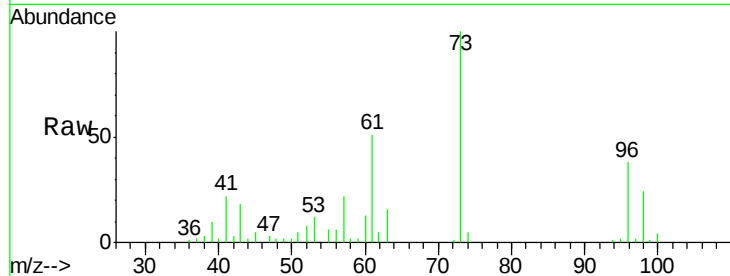
#21
trans-1,2-Dichloroethene
Concen: 16.339 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.9	108.4	162.6
98	63.9	51.3	76.9

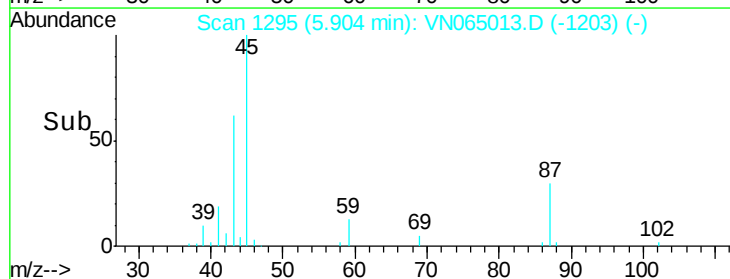
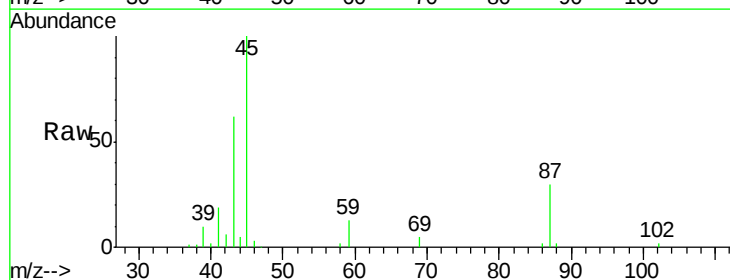
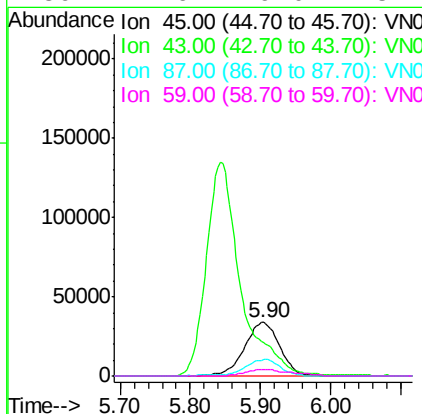
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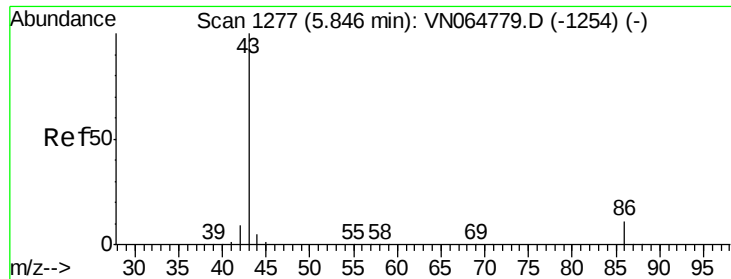
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#22
Diisopropyl ether
Concen: 18.610 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.6	46.2	69.2
87	30.4	24.1	36.1
59	12.6	9.0	13.4





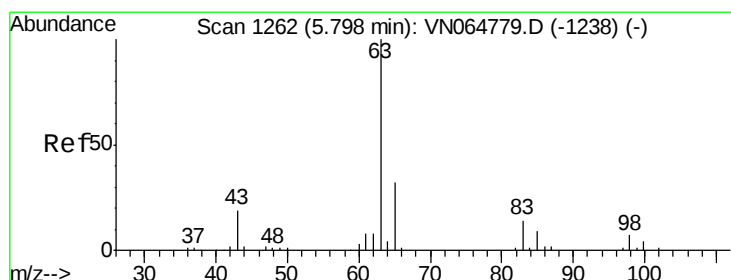
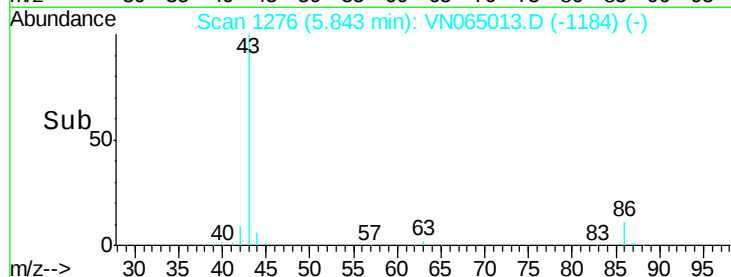
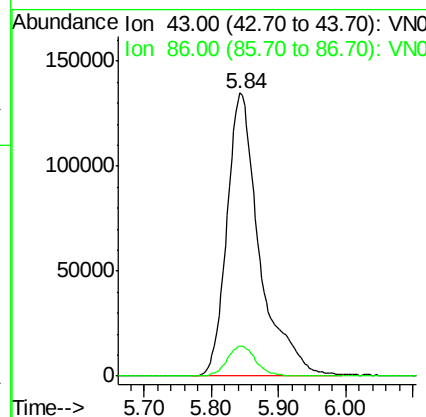
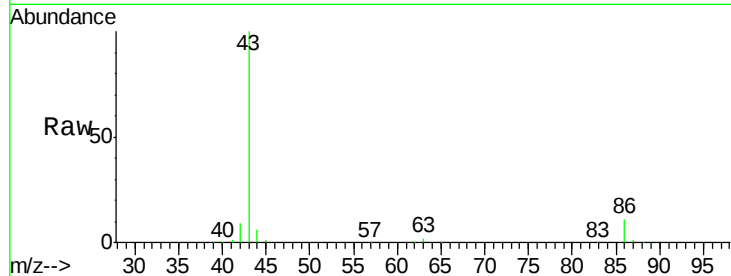
#23
 Vinyl Acetate
 Concen: 90.332 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Tot Ion: 43 Resp: 456589
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.9 13.3

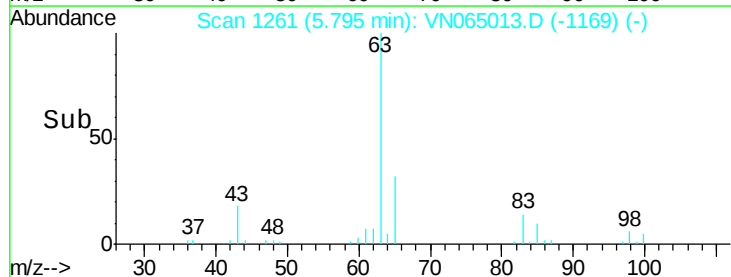
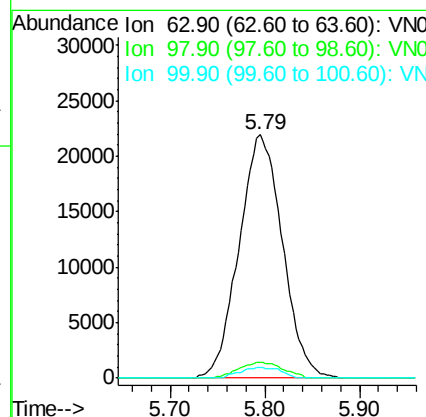
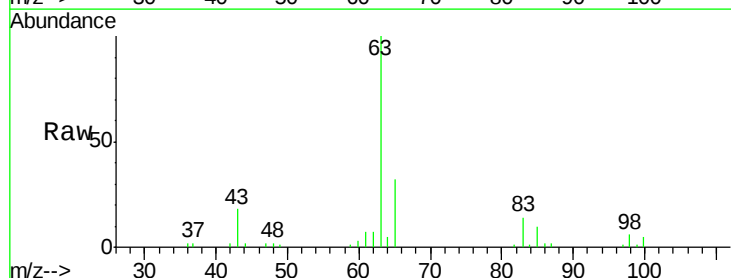
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#24
 1,1-Dichloroethane
 Concen: 18.499 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Tgt Ion: 63 Resp: 69878
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 91.861 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Tot Ion: 43 Resp: 112365

Ion Ratio Lower Upper

43 100

72 27.3 21.0 31.6

Instrument :

MSVOA_N

ClientSampleId :

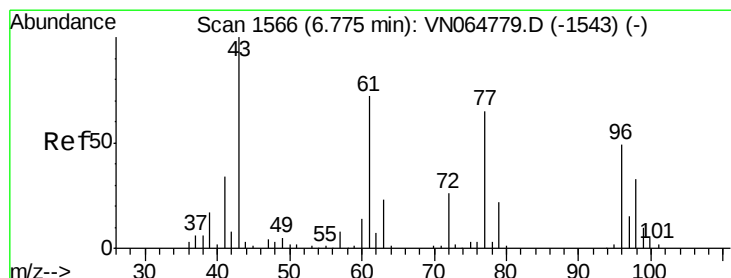
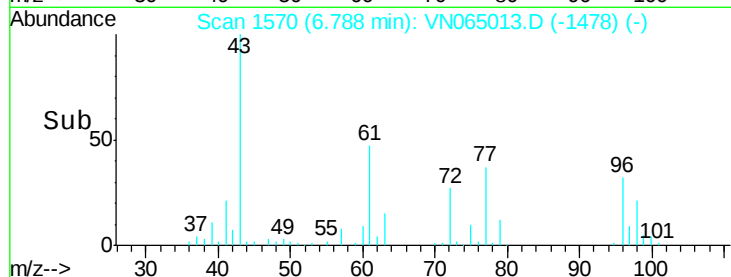
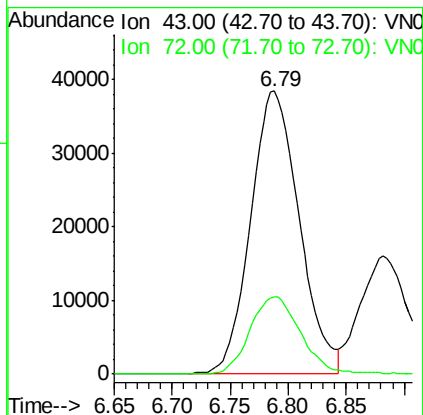
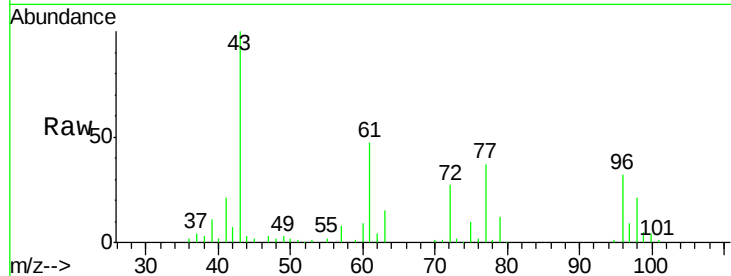
VN1209WBSD01

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 17.733 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN065013.D

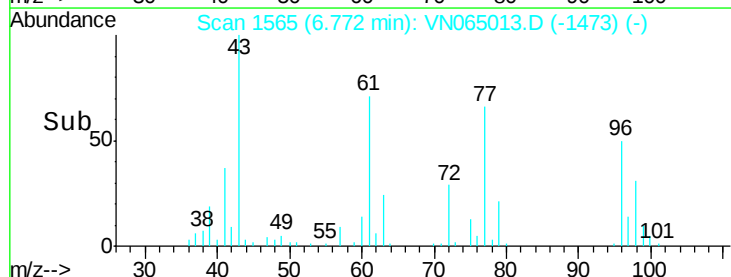
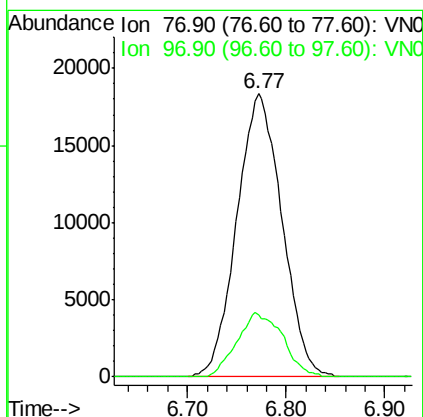
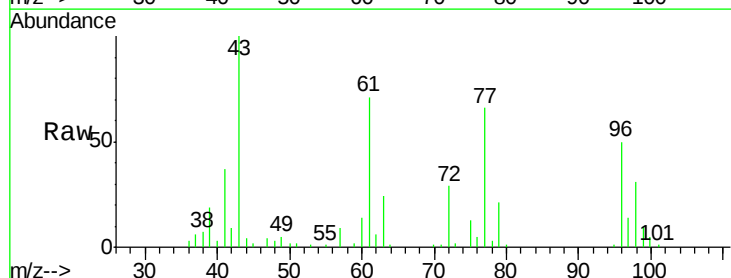
Acq: 9 Dec 2020 12:13

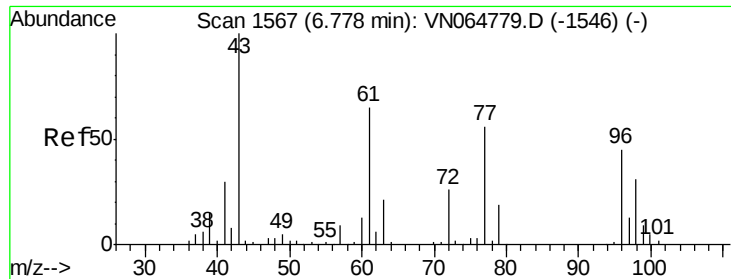
Tgt Ion: 77 Resp: 58098

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.532 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Instrument :

MSVOA_N

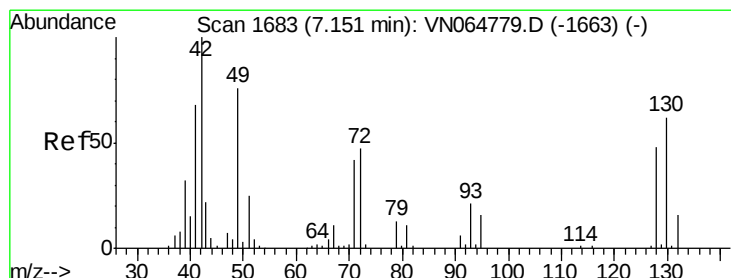
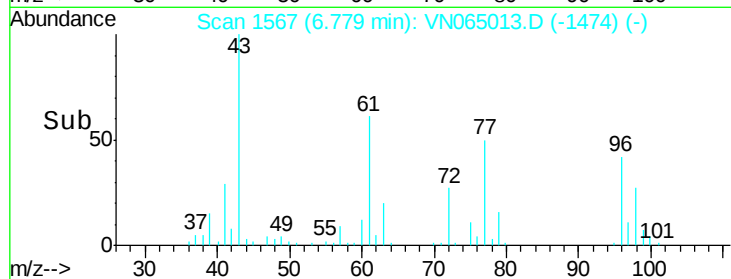
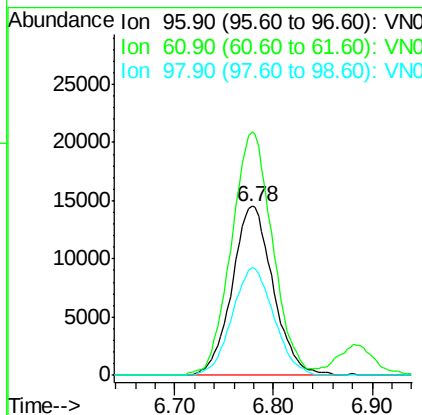
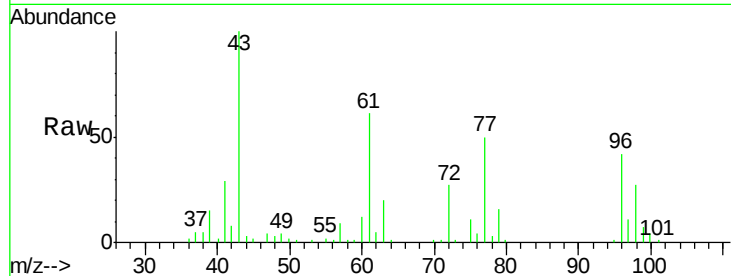
ClientSampleId :

VN1209WBSD01

Tot Ion:	96	Resp:	41945
Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	285.8
98	64.8	0.0	130.6

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#28

Bromochloromethane

Concen: 18.431 ug/l

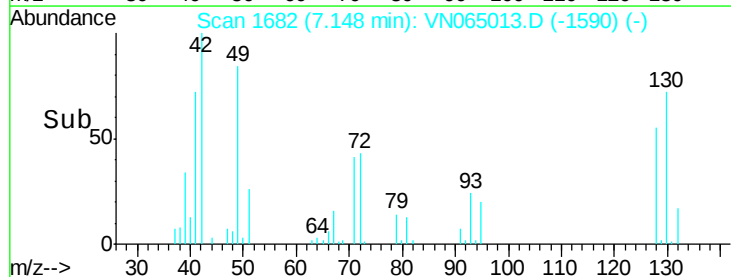
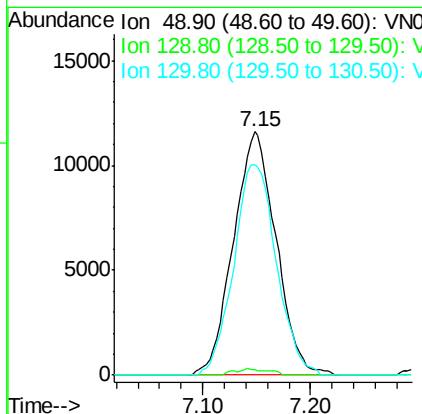
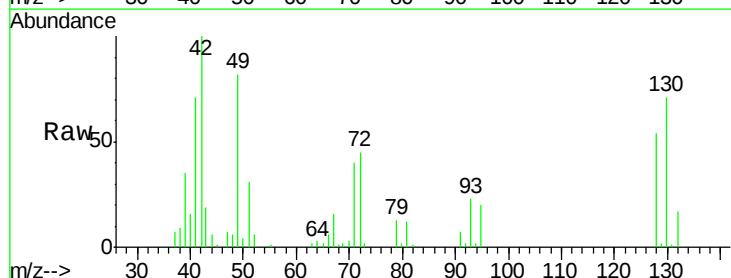
RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Tgt Ion:	49	Resp:	31850
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	86.5	66.2	99.2





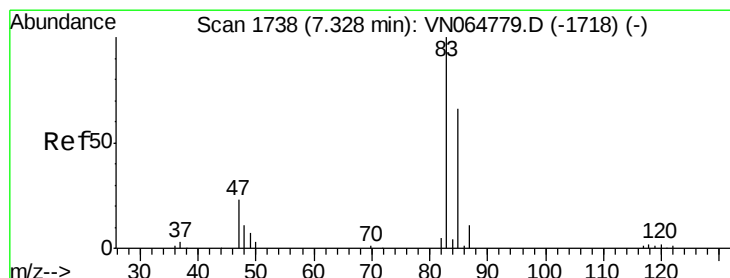
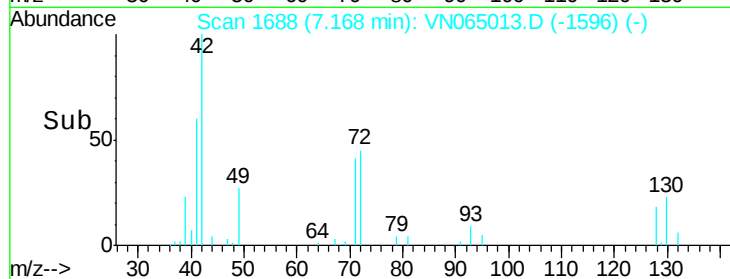
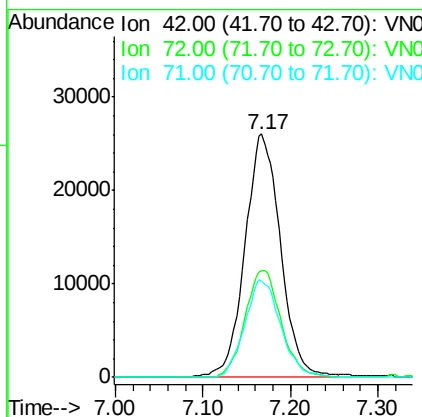
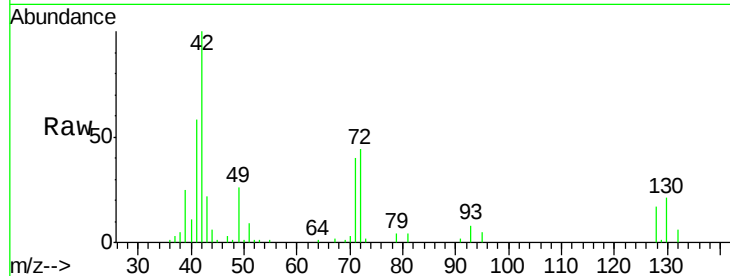
#29
Tetrahydrofuran
Concen: 87.097 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	36.6	54.8
71	40.3	33.6	50.4

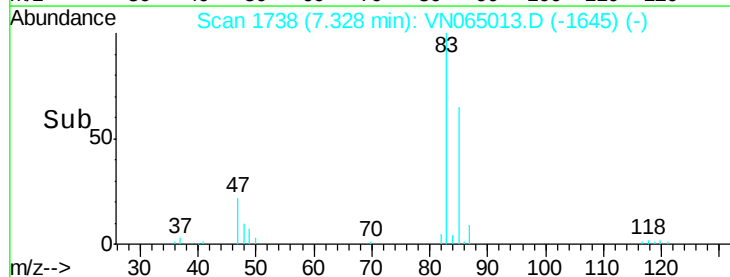
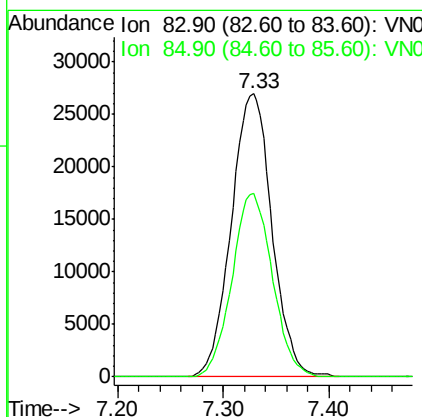
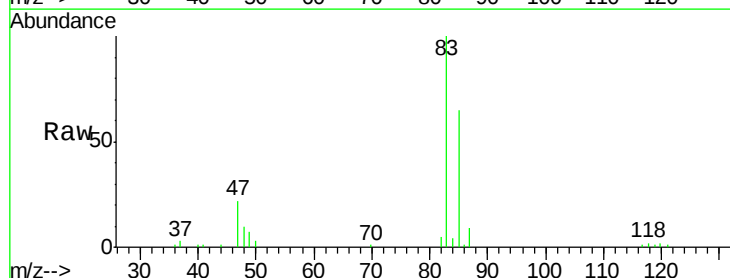
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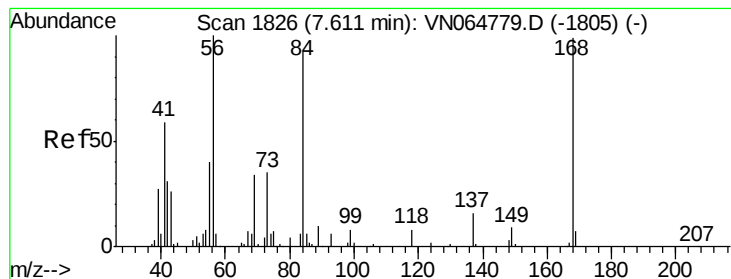
MMDadoda
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#30
Chloroform
Concen: 18.537 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.6	78.8





#31

Cyclohexane

Concen: 16.022 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Instrument :

MSVOA_N

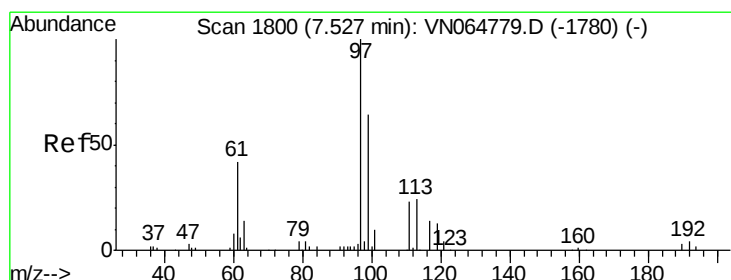
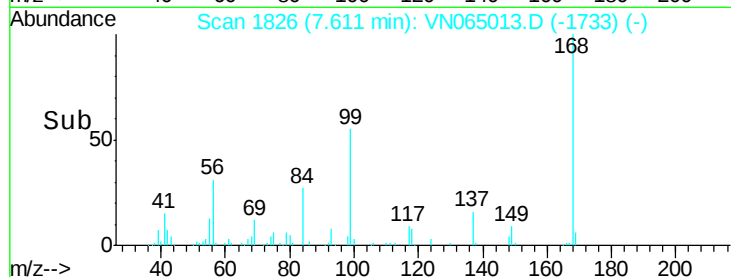
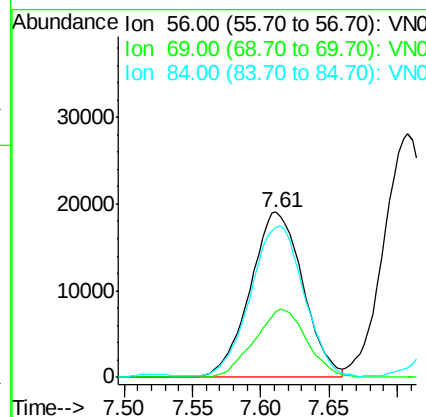
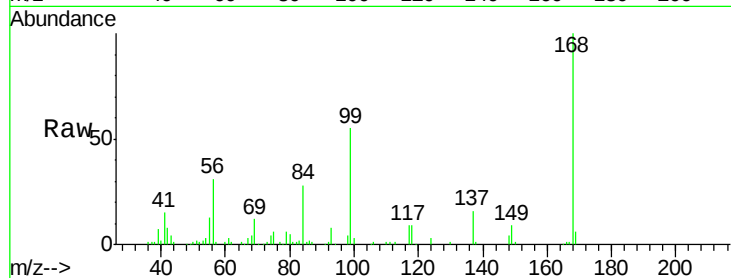
ClientSampleId :

VN1209WBSD01

Tot Ion:	56	Resp:	51260
Ion Ratio	Lower	Upper	
56	100		
69	39.5	27.5	41.3
84	89.6	73.9	110.9

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#32

1,1,1-Trichloroethane

Concen: 17.778 ug/l

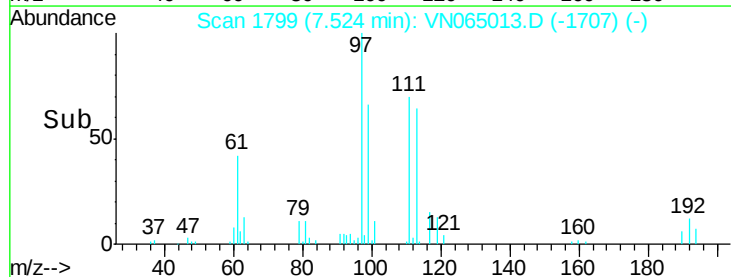
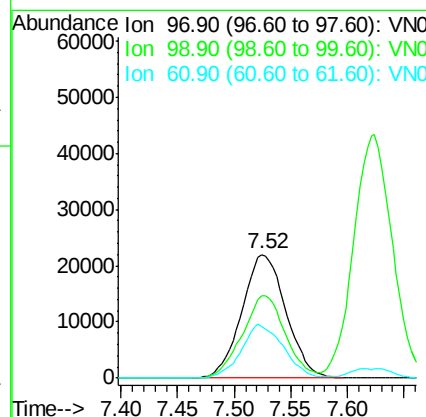
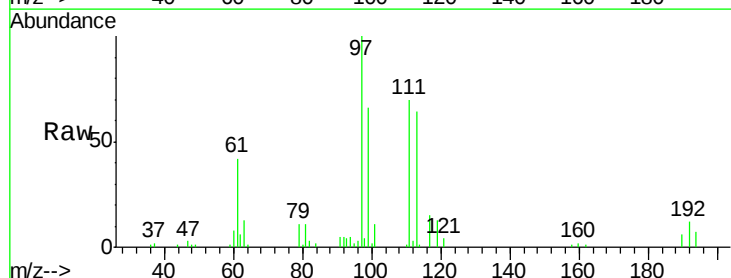
RT: 7.52 min Scan# 1799

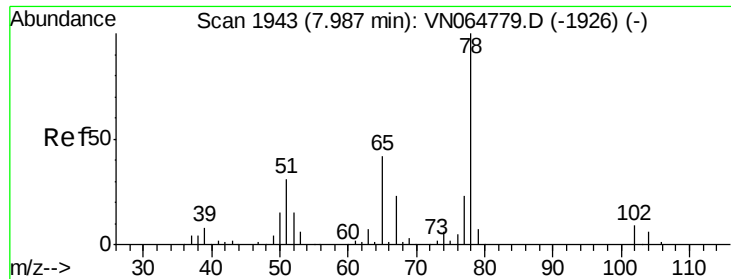
Delta R.T. -0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Tgt Ion:	97	Resp:	59481
Ion Ratio	Lower	Upper	
97	100		
99	65.3	51.7	77.5
61	41.5	33.9	50.9





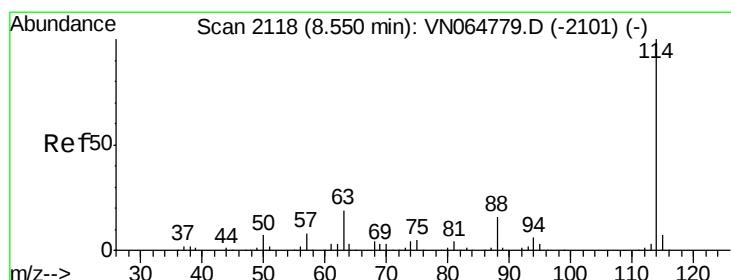
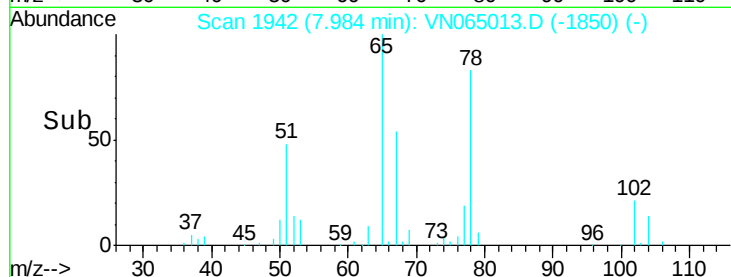
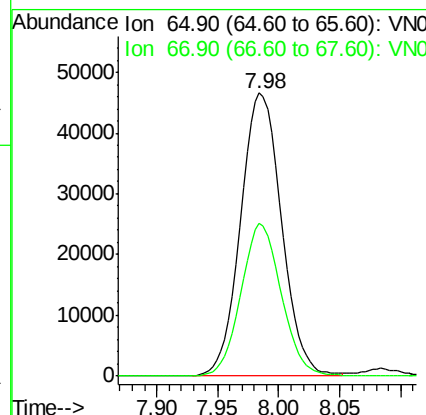
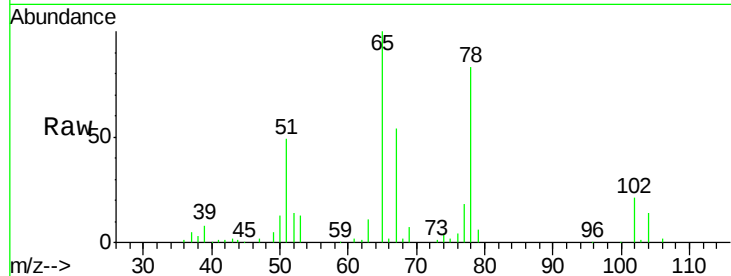
#33
 1,2-Dichloroethane-d4
 Concen: 47.224 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	108.2	

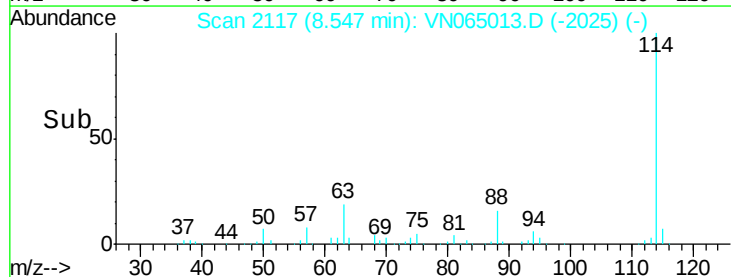
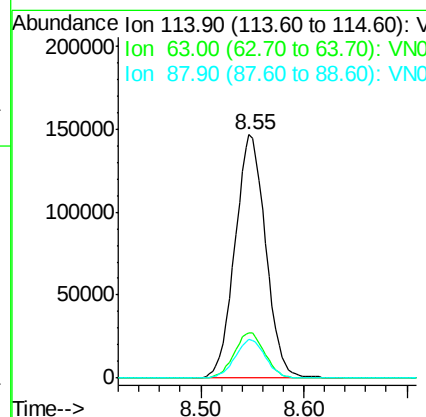
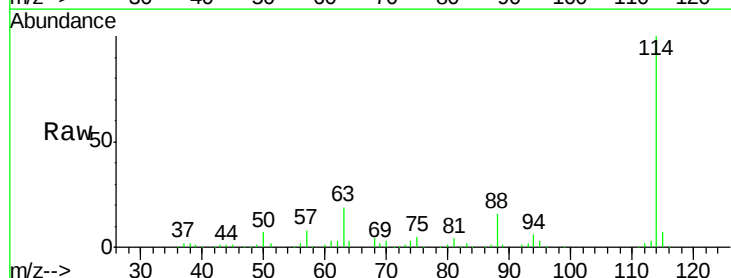
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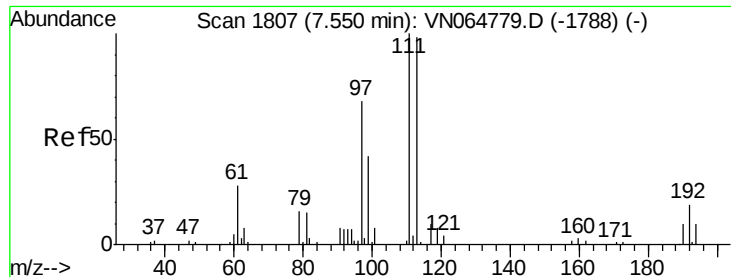
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.8	0.0	38.6	
88	15.8	0.0	32.6	





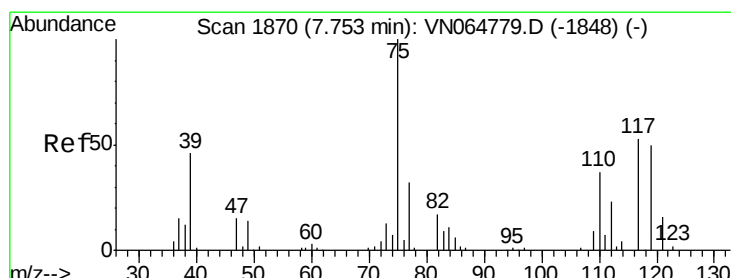
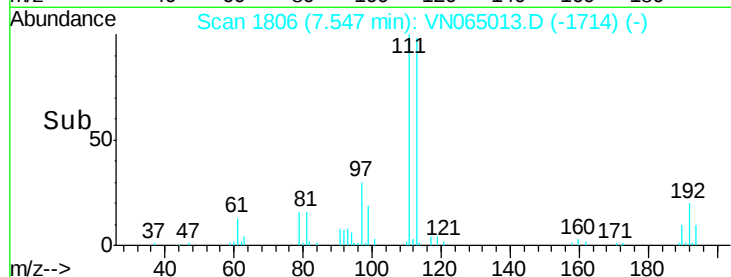
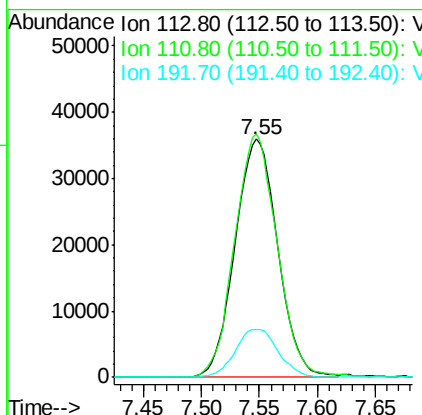
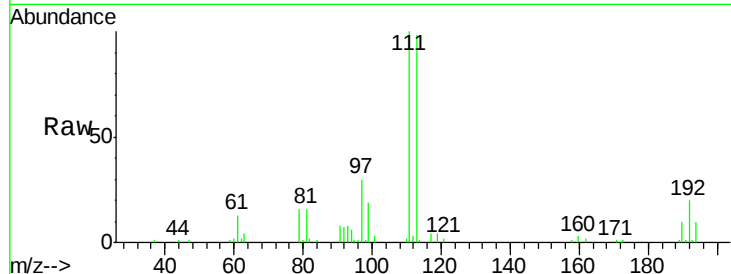
#35
Dibromofluoromethane
Concen: 50.722 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.6	122.4
192	20.4	16.2	24.2

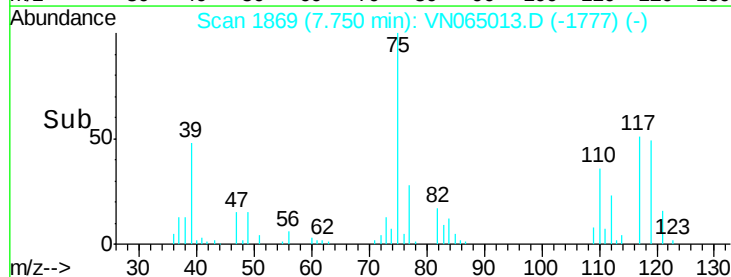
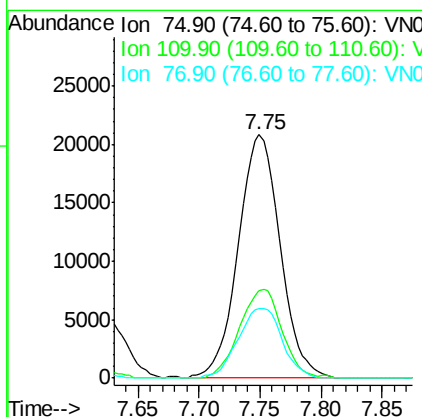
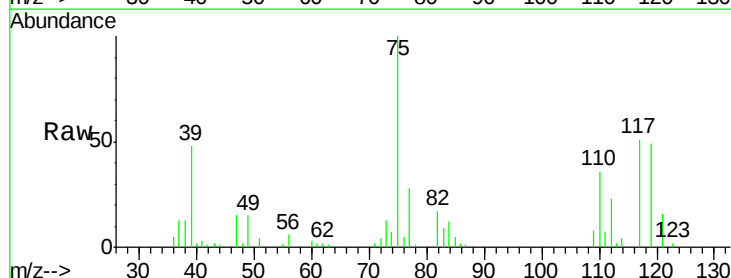
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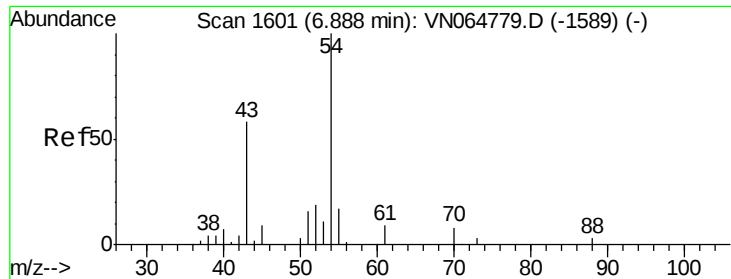
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#36
1,1-Dichloropropene
Concen: 17.622 ug/l
RT: 7.75 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.8	53.3
77	30.0	25.0	37.4





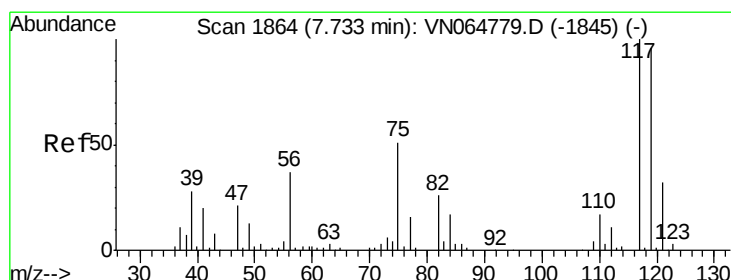
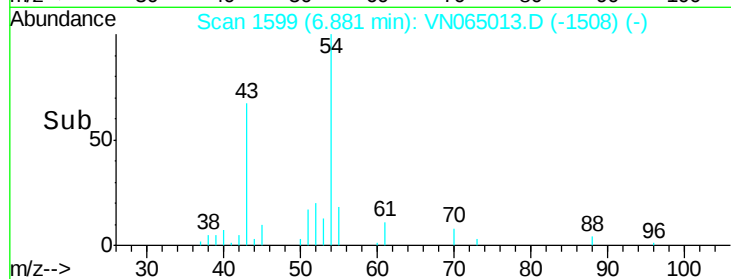
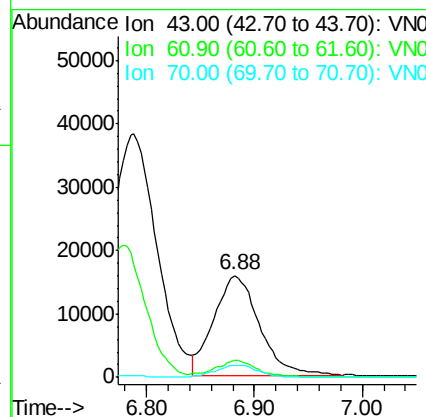
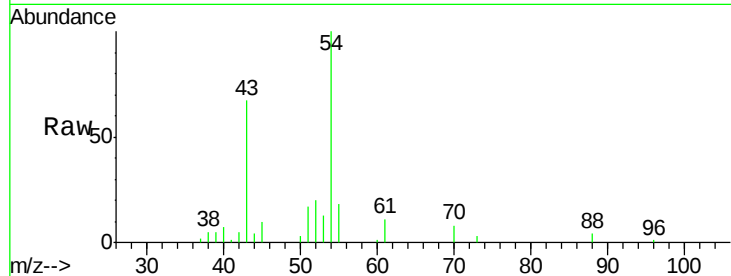
#37
Ethyl Acetate
Concen: 17.179 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion	43	61	70
Resp	46540		
Ratio	100	14.8	11.1
Lower		12.8	8.8
Upper		19.2	13.2

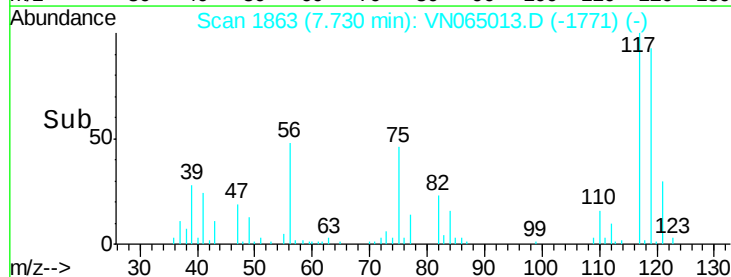
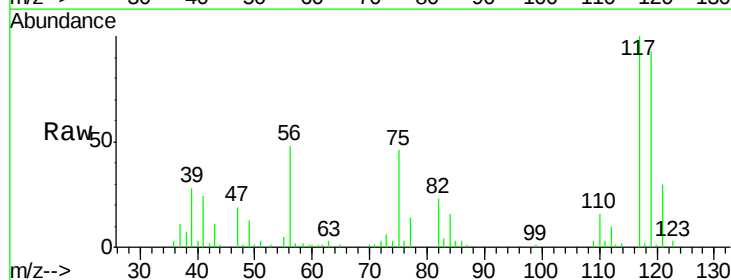
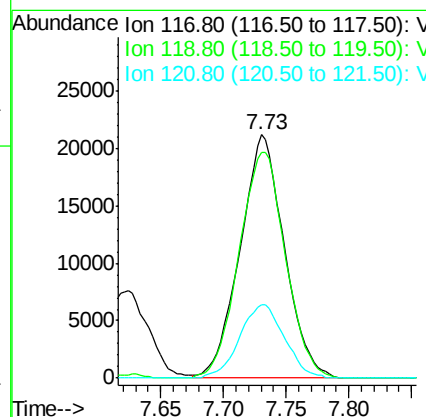
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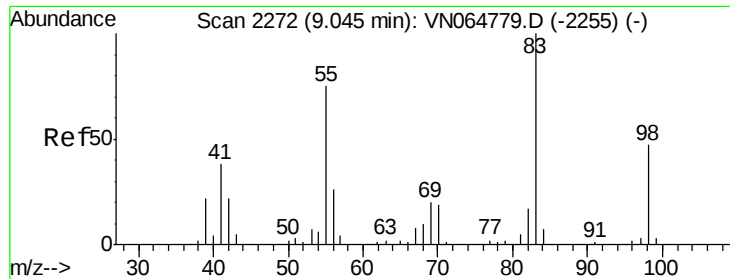
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#38
Carbon Tetrachloride
Concen: 17.764 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion	117	119	121
Resp	51983		
Ratio	100	92.7	30.3
Lower		76.7	25.4
Upper		115.1	38.2





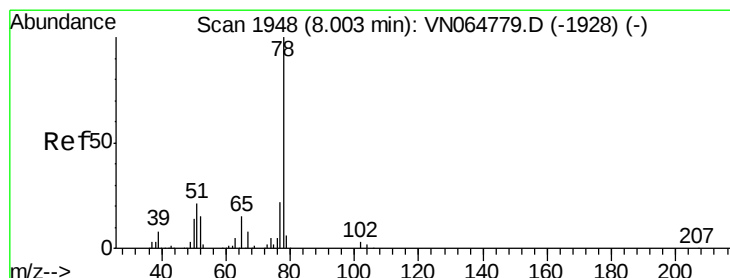
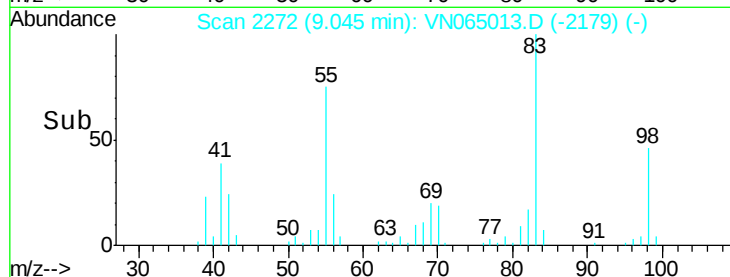
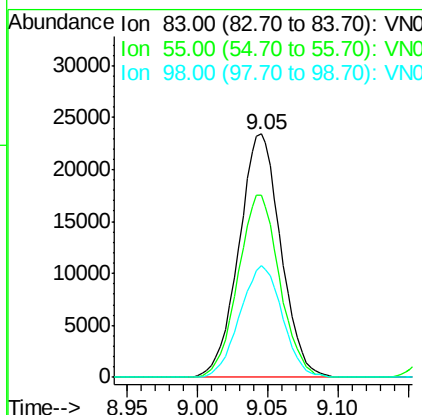
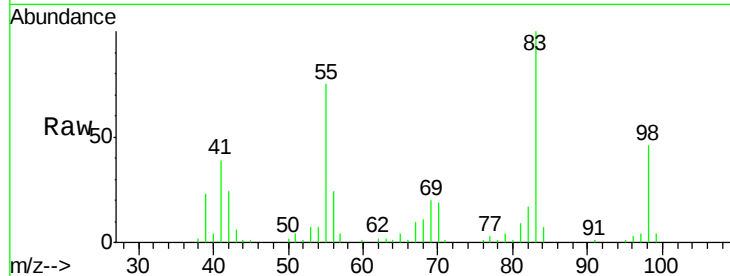
#39
Methvlcvclohexane
Concen: 16.074 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	60.2	90.2
98	45.7	37.4	56.2

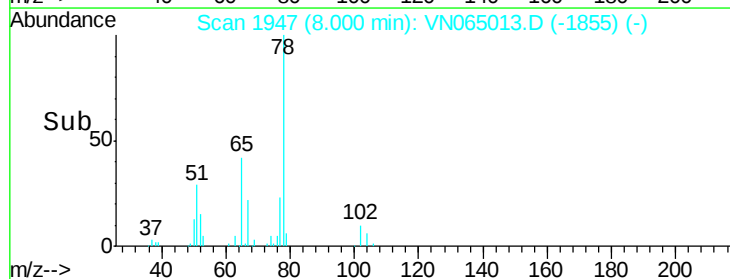
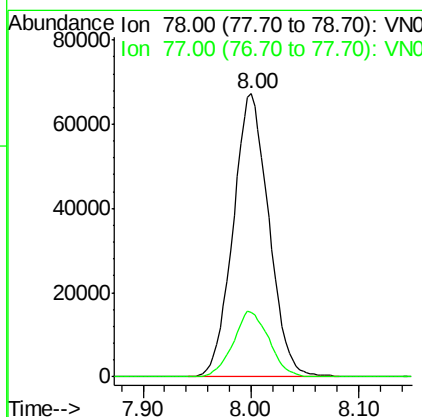
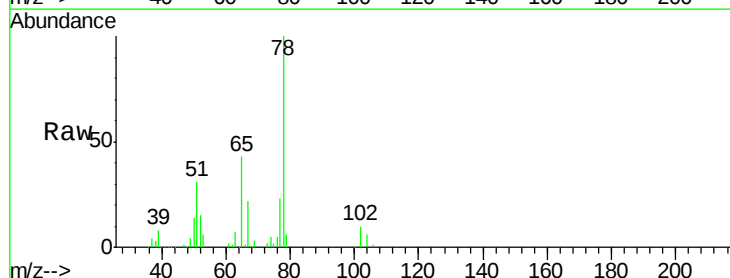
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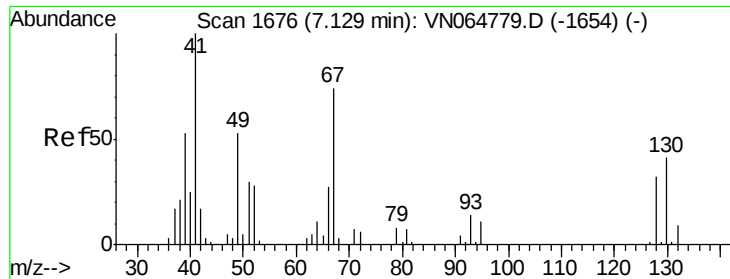
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#40
Benzene
Concen: 18.021 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	17.9	26.9





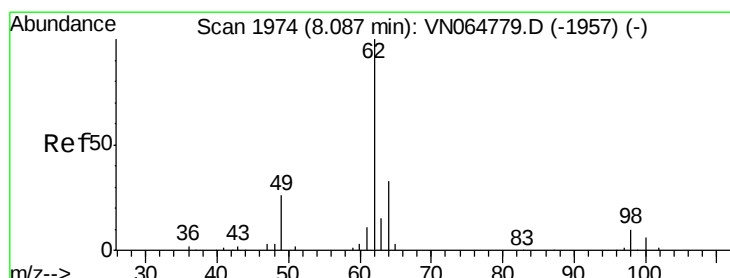
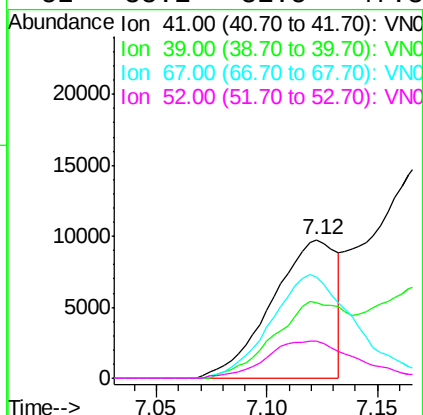
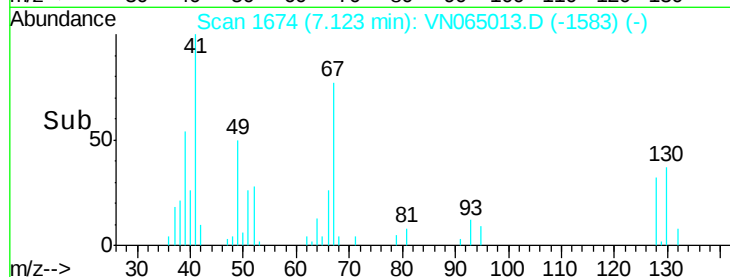
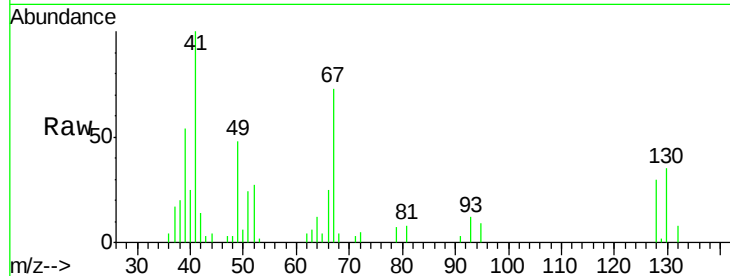
#41
Methacrylonitrile
Concen: 15.853 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion:	41	Resp:	19817
Ion	Ratio	Lower	Upper
41	100		
39	62.4	51.0	76.6
67	98.8	79.8	119.8
52	38.1	31.5	47.3

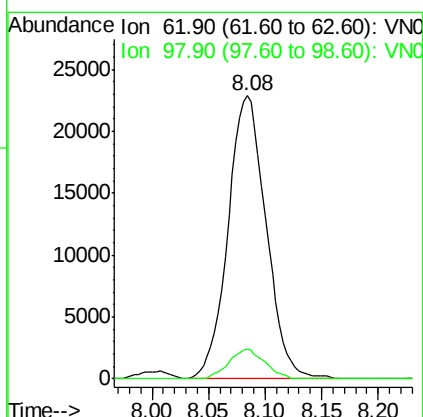
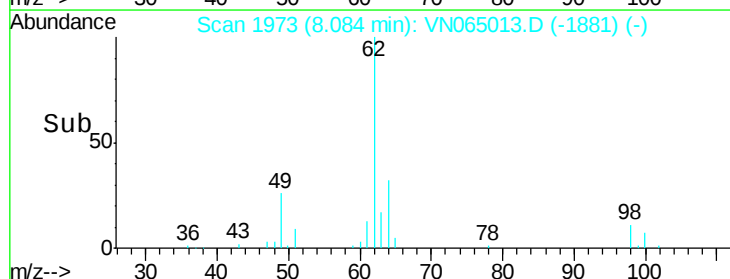
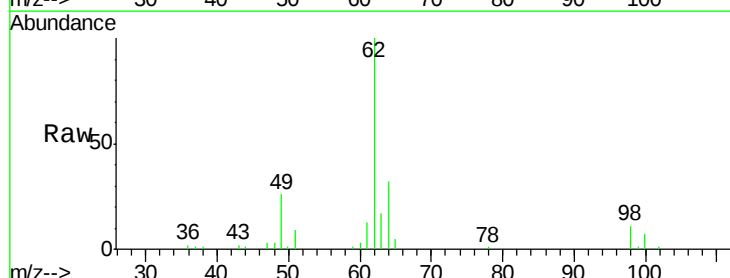
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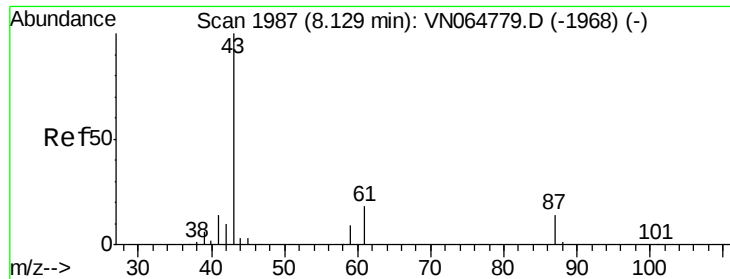
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12/10/2020 9:14:31 AM



#42
1,2-Dichloroethane
Concen: 18.479 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion:	62	Resp:	53726
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6





#43

Isopropyl Acetate

Concen: 17.958 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Instrument :

MSVOA_N

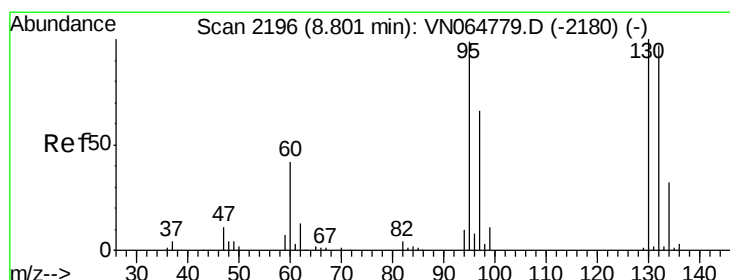
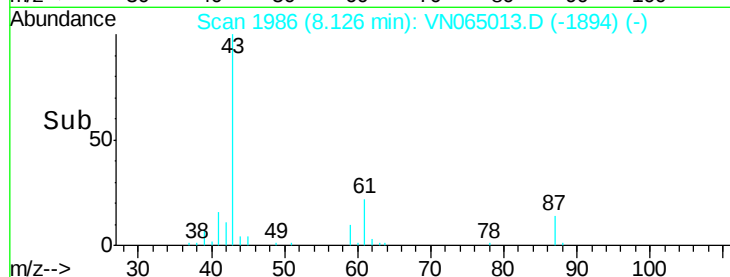
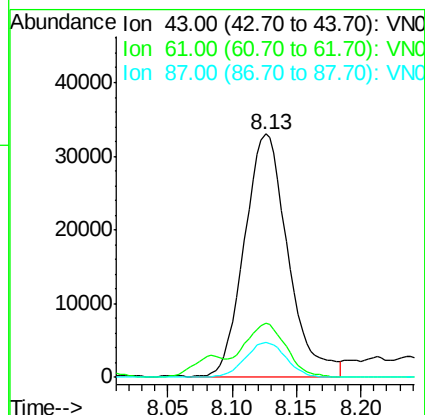
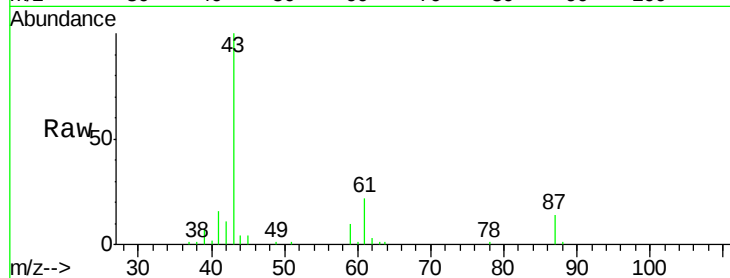
ClientSampleId :

VN1209WBSD01

Tot Ion:	43	Resp:	78285
Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.2	25.8
87	13.3	11.4	17.0

Manual Integrations
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#44

Trichloroethene

Concen: 17.099 ug/l

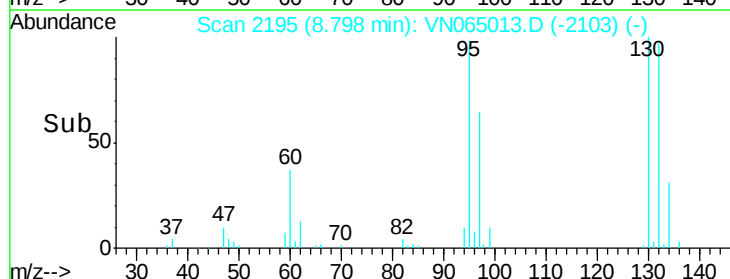
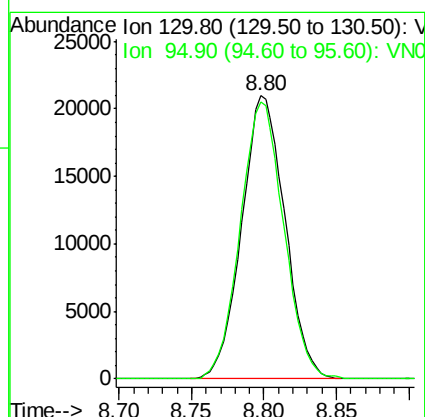
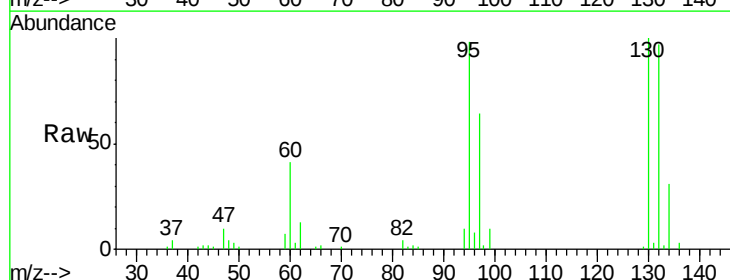
RT: 8.80 min Scan# 2195

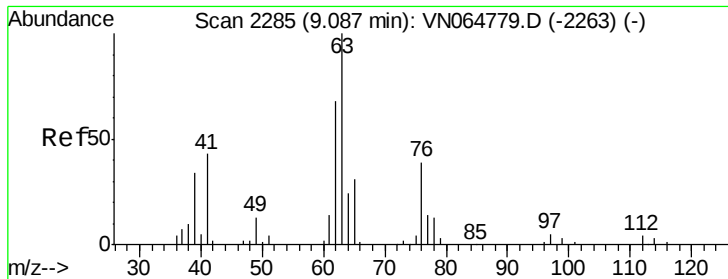
Delta R.T. -0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Tgt Ion:	130	Resp:	43480
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	197.8





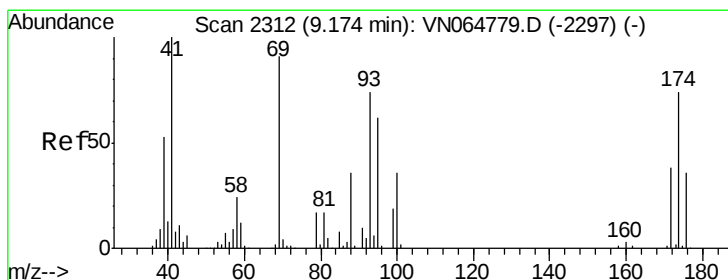
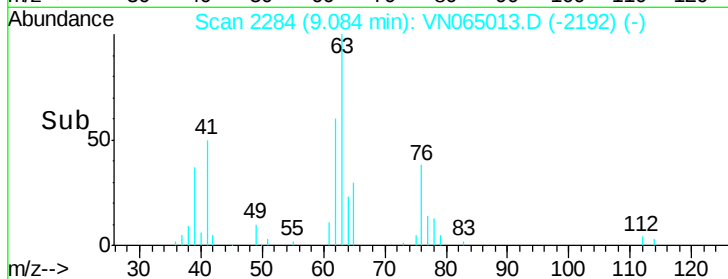
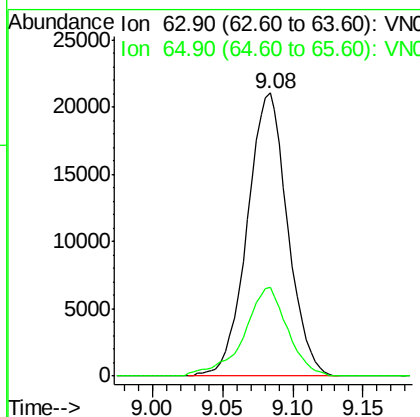
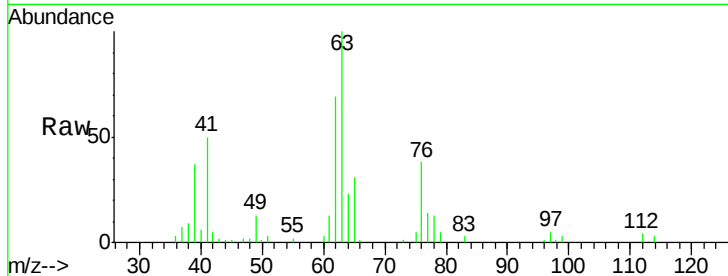
#45
 1,2-Dichloropropane
 Concen: 18.859 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Tot Ion: 63 Resp: 42091
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.0 37.4

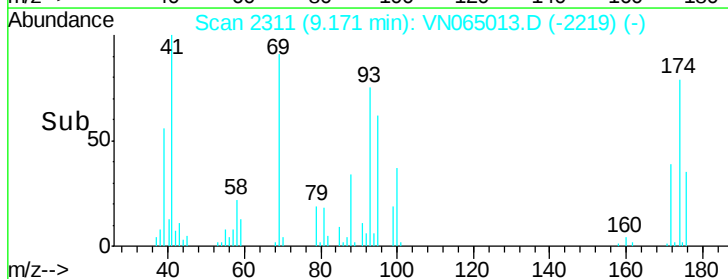
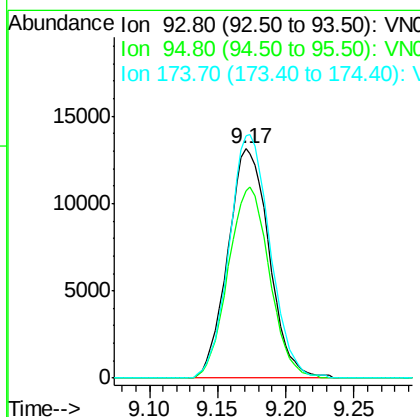
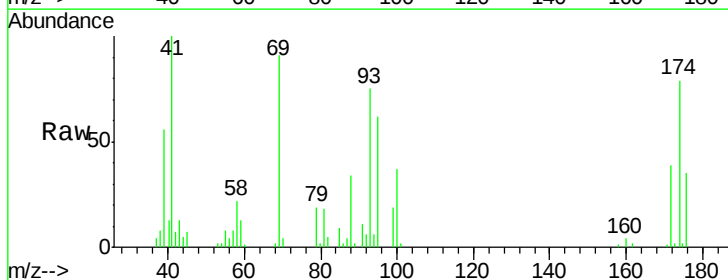
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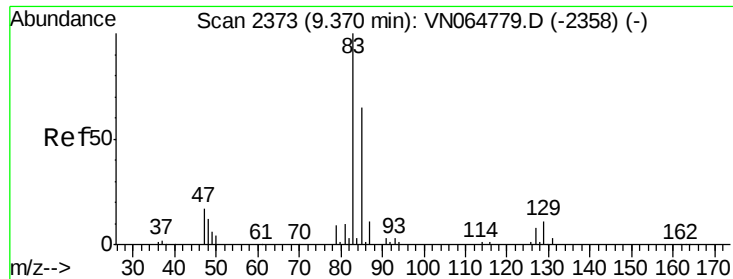
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#46
 Dibromomethane
 Concen: 18.550 ug/l
 RT: 9.17 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Tgt Ion: 93 Resp: 27658
 Ion Ratio Lower Upper
 93 100
 95 82.9 68.8 103.2
 174 104.8 83.1 124.7





#47

Bromodichloromethane

Concen: 18.834 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Instrument :

MSVOA_N

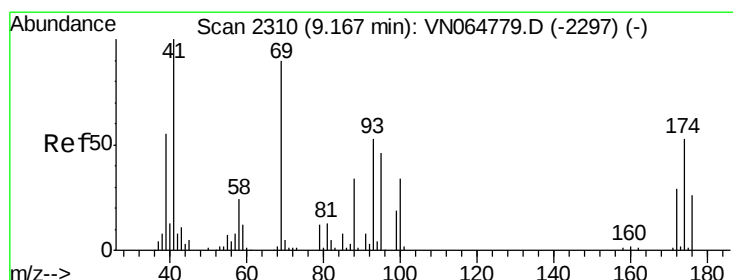
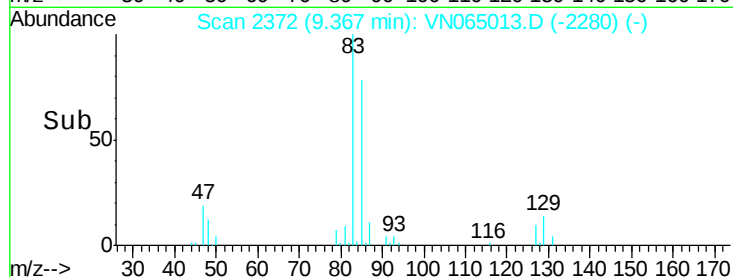
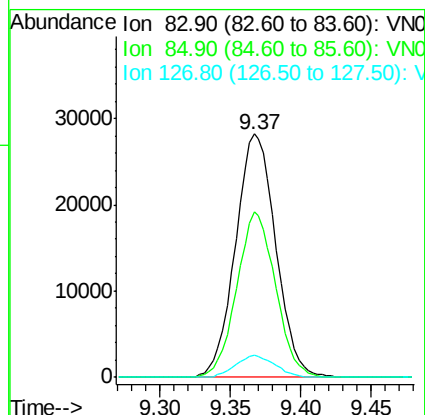
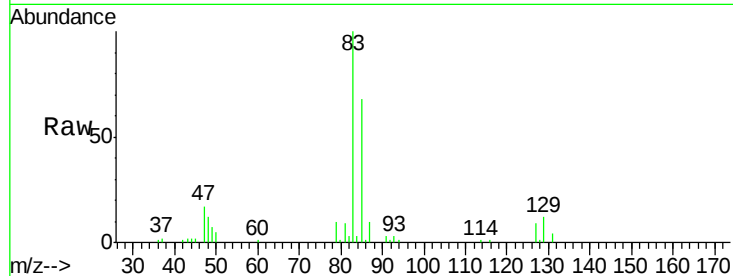
ClientSampleId :

VN1209WBSD01

Tot Ion:	83	Resp:	56504
Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.8	77.8
127	8.9	6.8	10.2

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#48

Methyl methacrylate

Concen: 17.075 ug/l

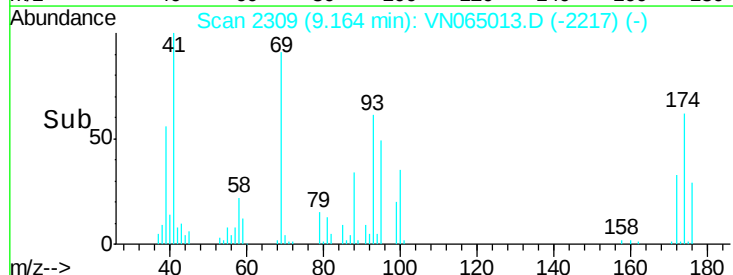
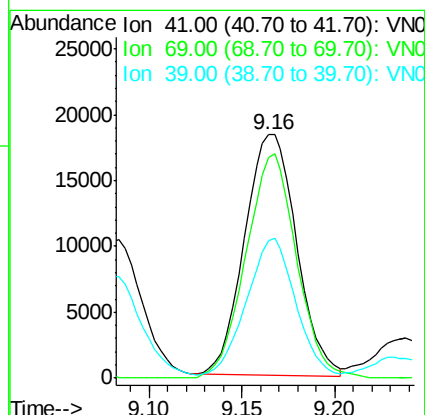
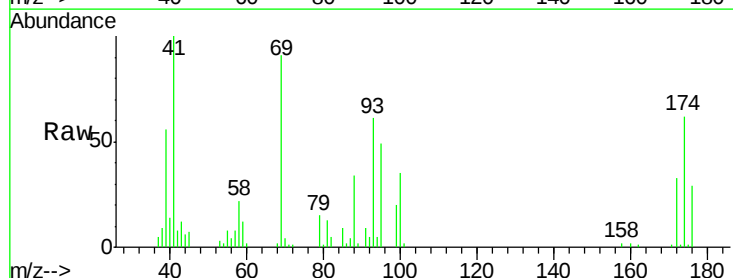
RT: 9.16 min Scan# 2309

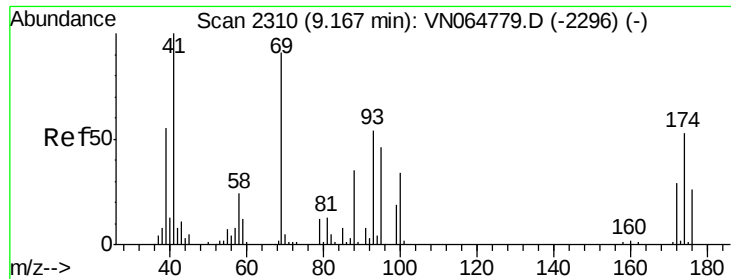
Delta R.T. -0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Tgt Ion:	41	Resp:	35568
Ion	Ratio	Lower	Upper
41	100		
69	90.9	71.8	107.8
39	55.9	44.1	66.1





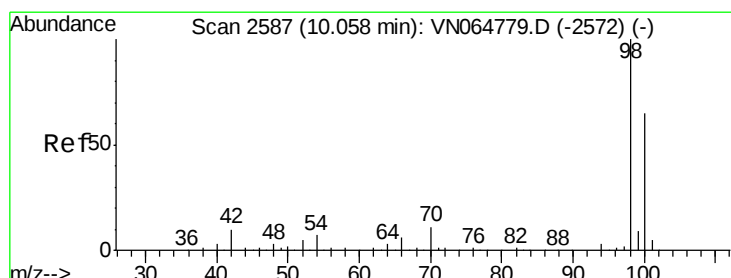
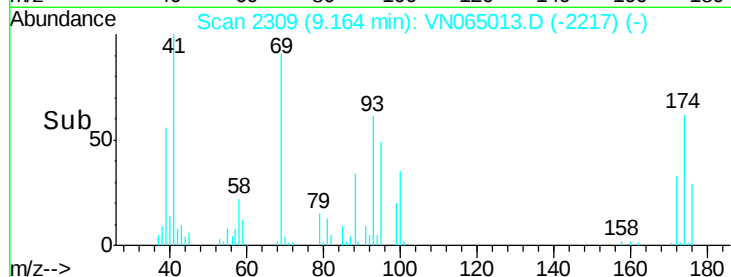
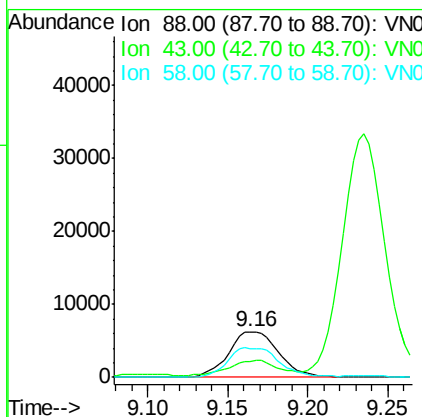
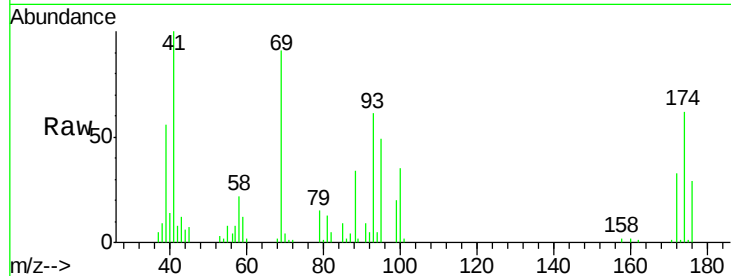
#49
1,4-Dioxane
Concen: 336.906 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.7	24.2	36.4
58	66.8	52.5	78.7

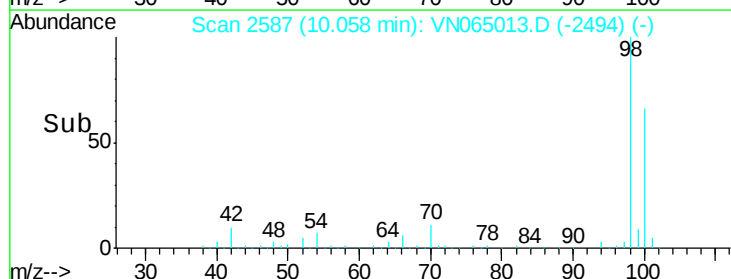
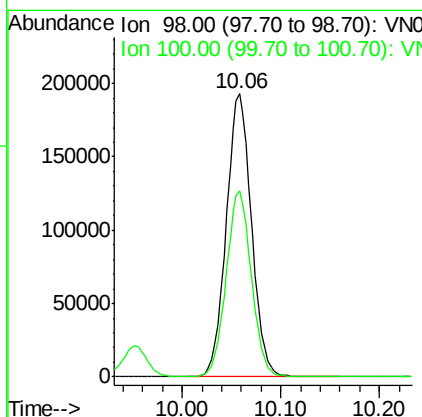
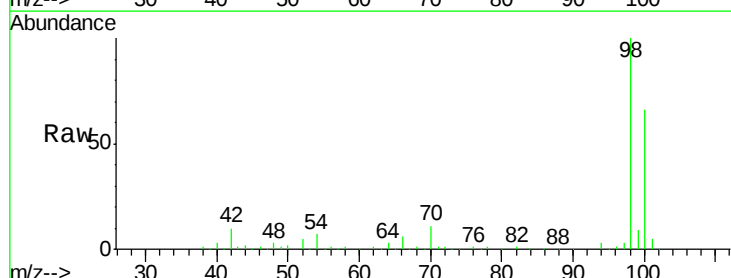
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#50
Toluene-d8
Concen: 46.537 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 87.972 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tot Ion: 43 Resp: 230232

Ion Ratio Lower Upper

43 100

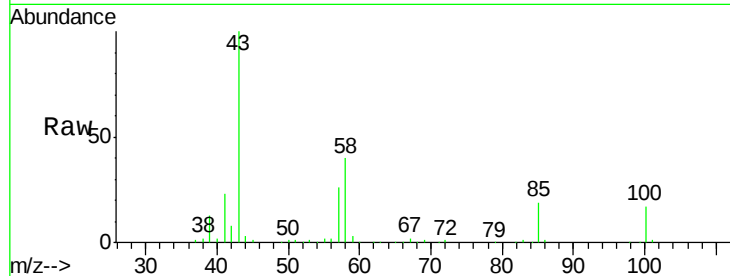
58 40.0 32.4 48.6

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Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

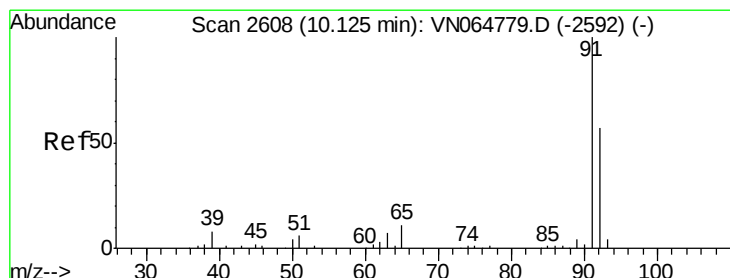
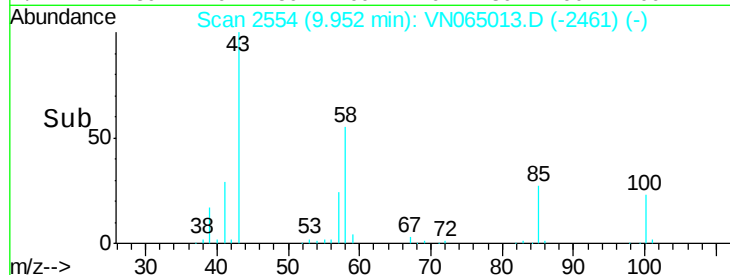
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.486 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN065013.D

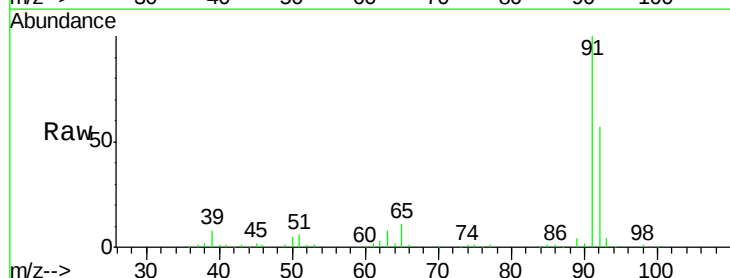
Acq: 9 Dec 2020 12:13

Tgt Ion: 92 Resp: 98112

Ion Ratio Lower Upper

92 100

91 172.8 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.12

100000

80000

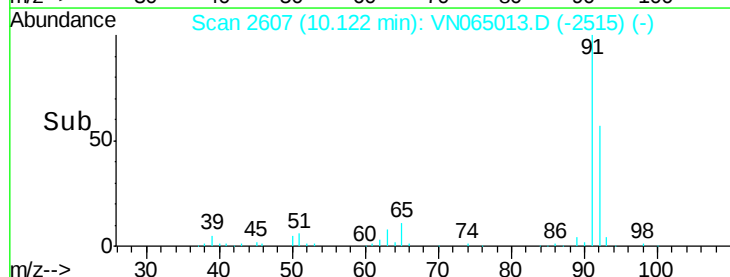
60000

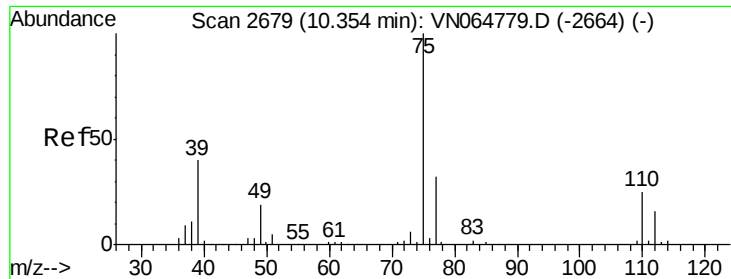
40000

20000

0

Time-->





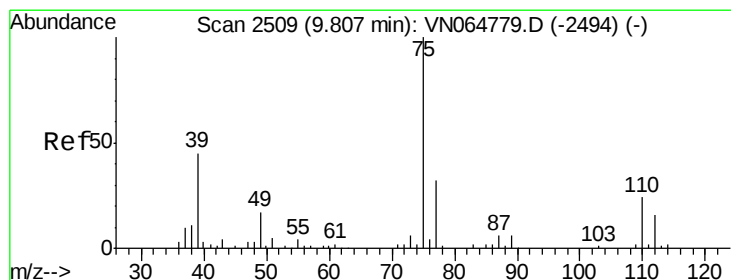
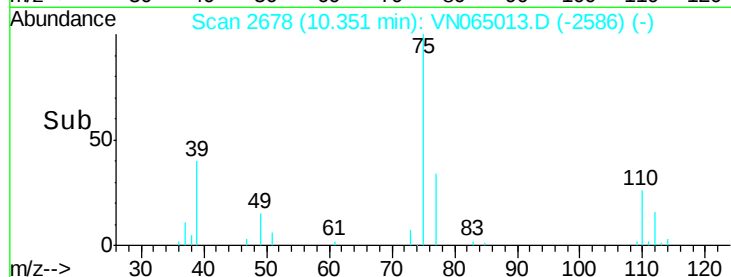
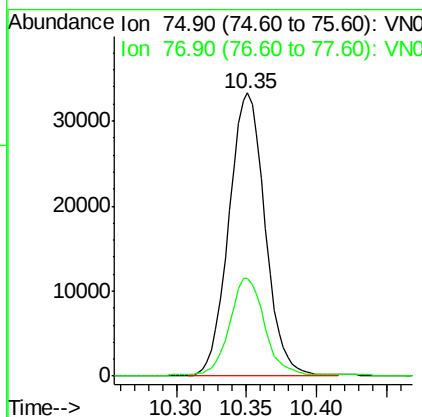
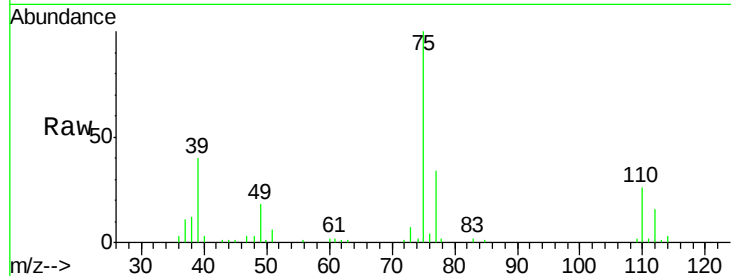
#53
t-1,3-Dichloropropene
Concen: 17.932 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion: 75 Resp: 59920
Ion Ratio Lower Upper
75 100
77 33.9 25.8 38.6

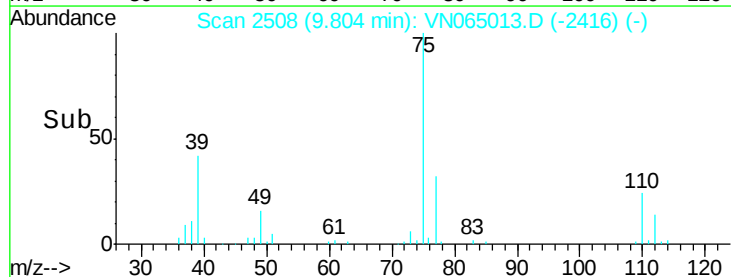
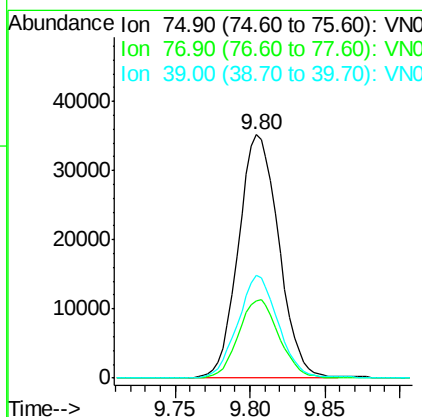
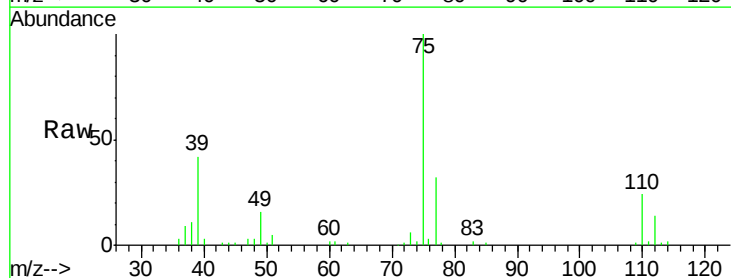
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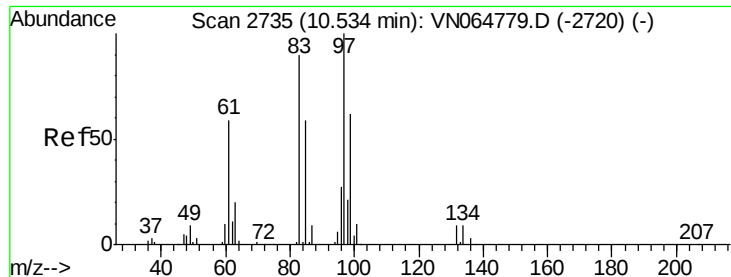
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#54
cis-1,3-Dichloropropene
Concen: 18.448 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion: 75 Resp: 66076
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
39 42.0 35.6 53.4





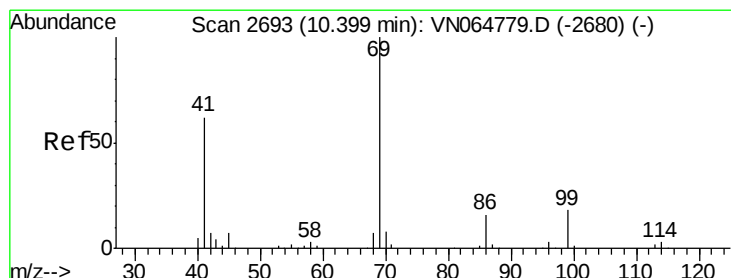
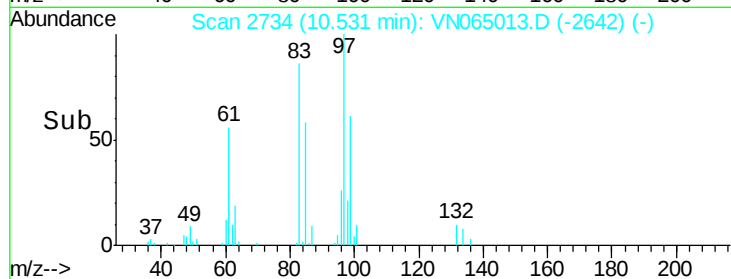
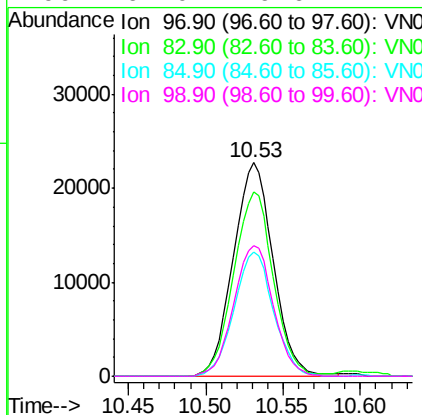
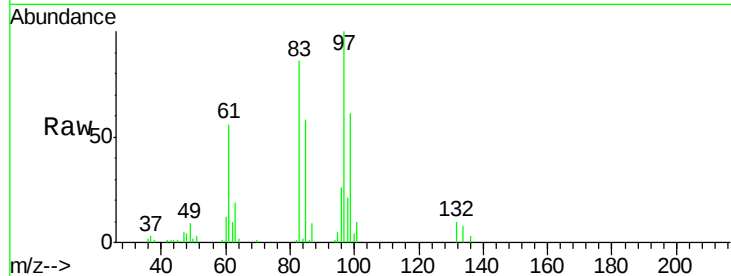
#55
 1,1,2-Trichloroethane
 Concen: 18.622 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Tot Ion:	97	Resp:	40642
Ion	Ratio	Lower	Upper
97	100		
83	86.1	72.1	108.1
85	58.2	46.8	70.2
99	61.0	49.6	74.4

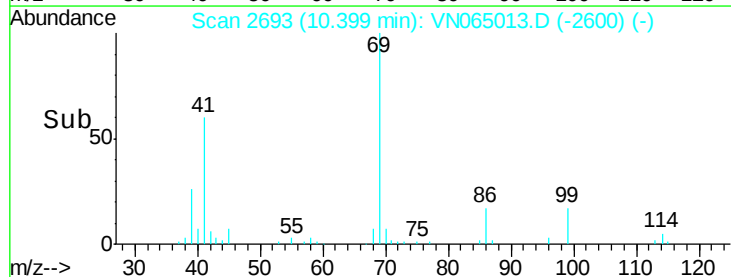
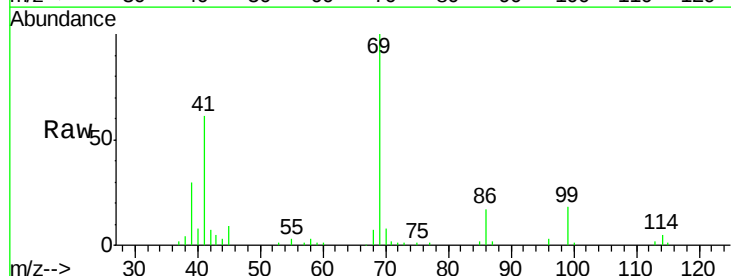
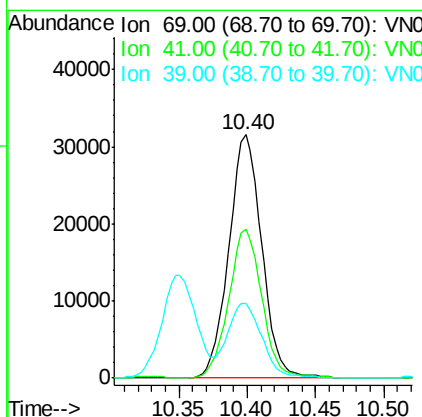
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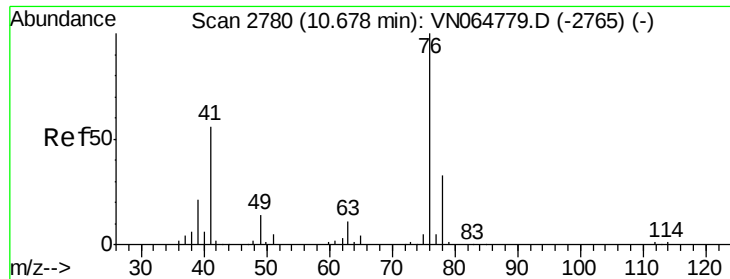
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#56
 Ethyl methacrylate
 Concen: 17.596 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Tgt Ion:	69	Resp:	52995
Ion	Ratio	Lower	Upper
69	100		
41	61.6	49.4	74.0
39	31.9	25.9	38.9





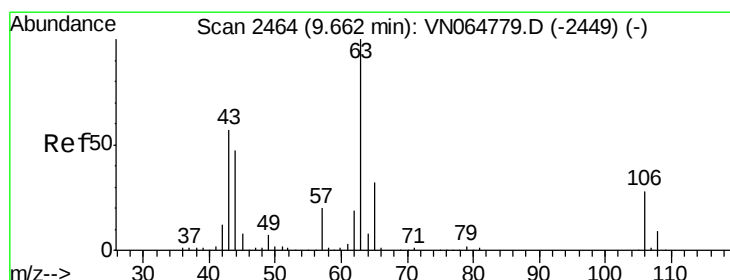
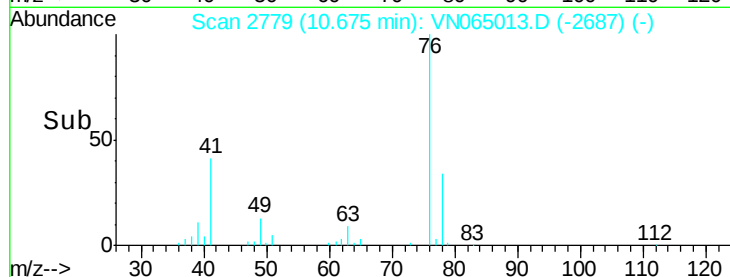
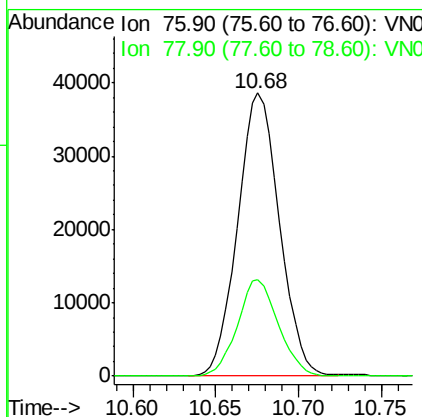
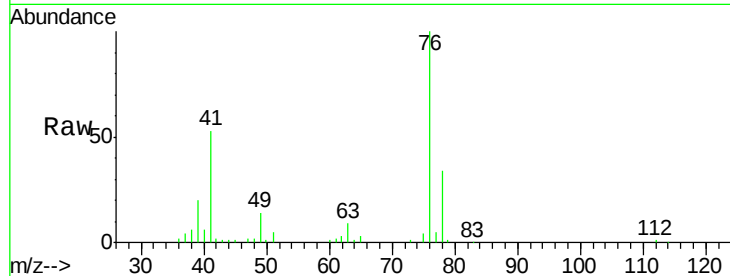
#57
 1,3-Dichloropropane
 Concen: 18.795 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Tot Ion: 76 Resp: 67666
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.1 39.1

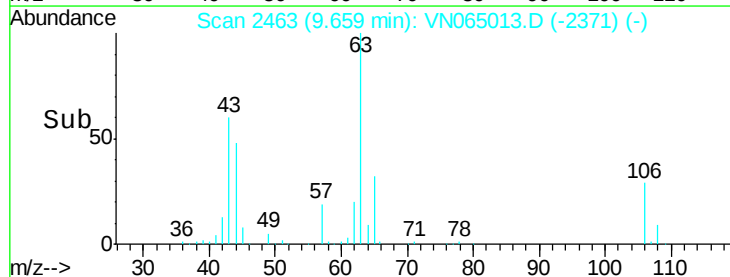
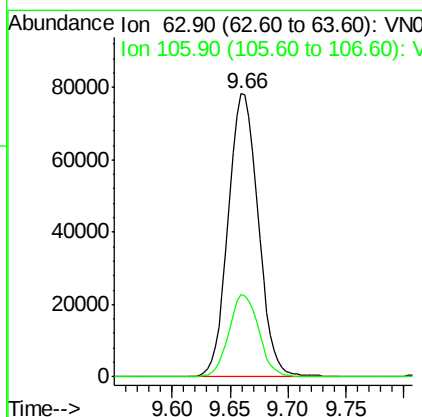
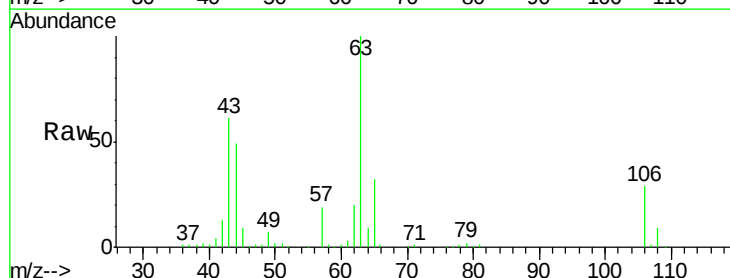
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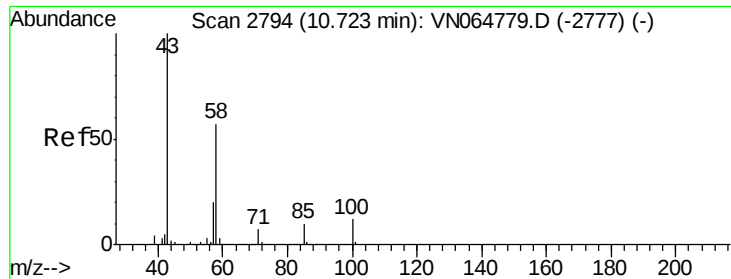
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#58
 2-Chloroethyl Vinyl ether
 Concen: 84.872 ug/l
 RT: 9.66 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Tgt Ion: 63 Resp: 140606
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.7 34.1





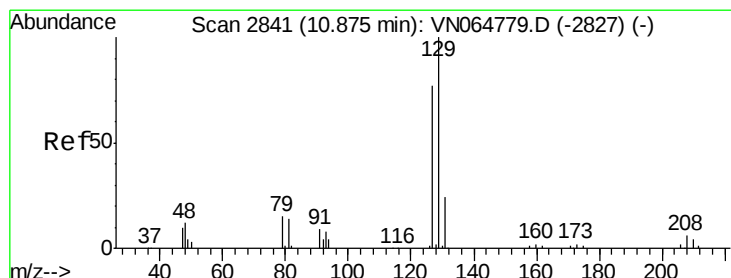
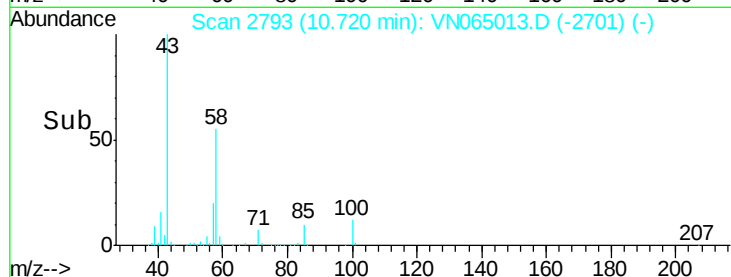
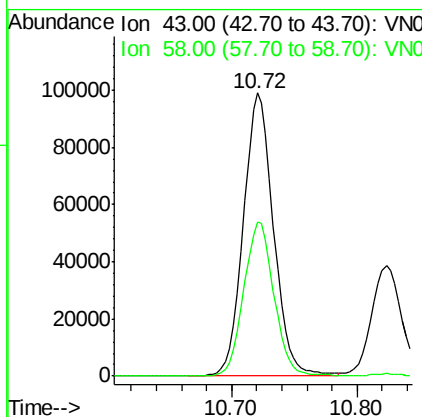
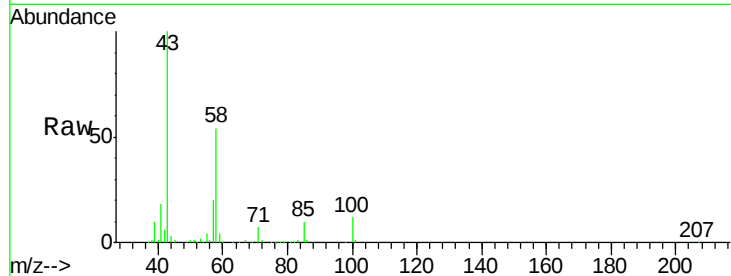
#59
2-Hexanone
Concen: 87.196 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion: 43 Resp: 164233
Ion Ratio Lower Upper
43 100
58 55.0 28.3 84.9

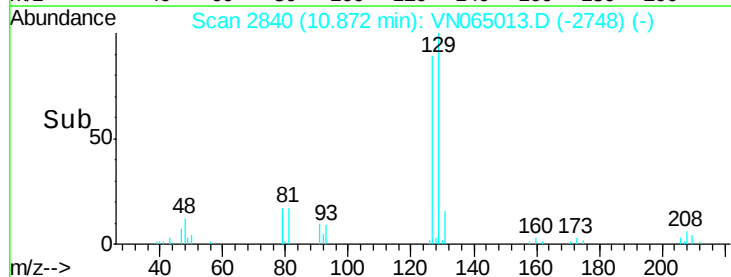
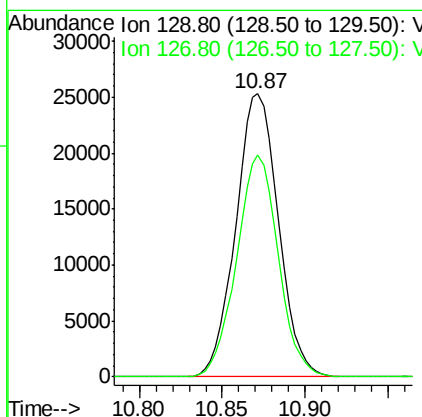
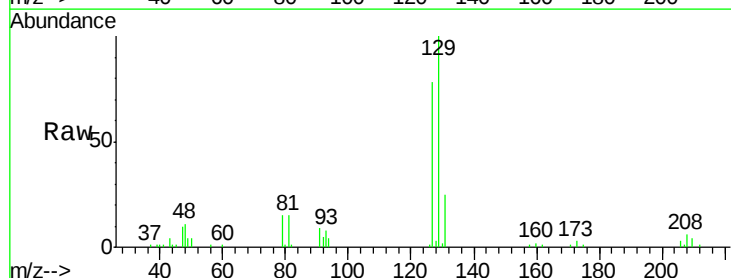
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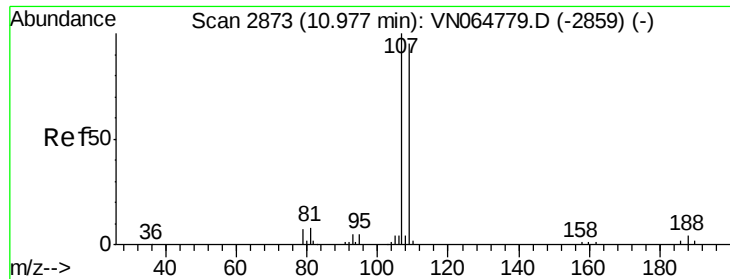
MMDadoda
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#60
Dibromochloromethane
Concen: 18.702 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion: 129 Resp: 45372
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2





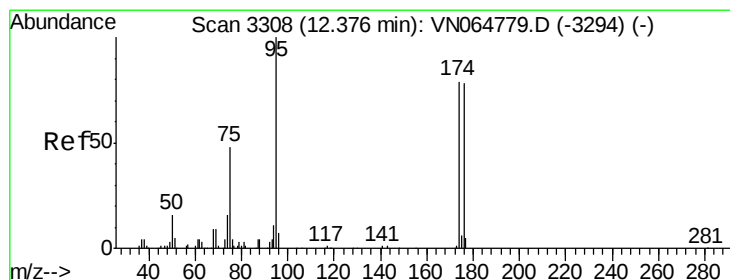
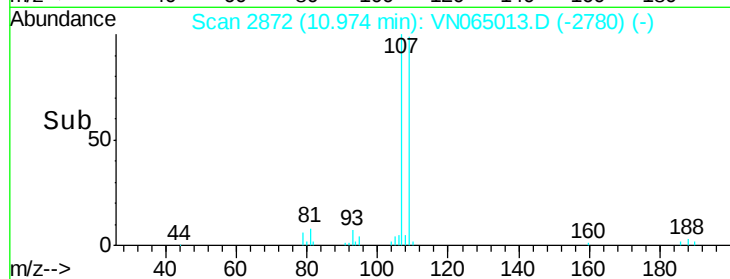
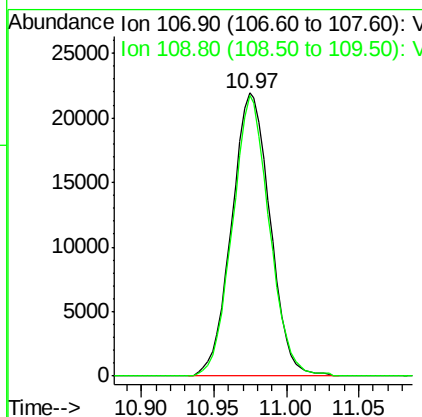
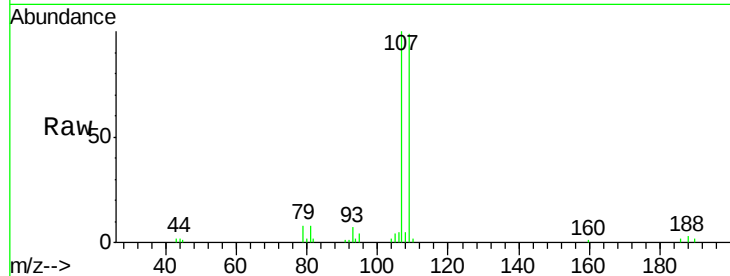
#61
 1,2-Dibromoethane
 Concen: 18.196 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Tot Ion: 107 Resp: 40347
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.0 114.0

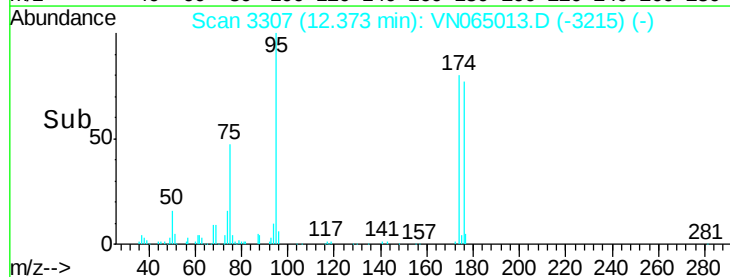
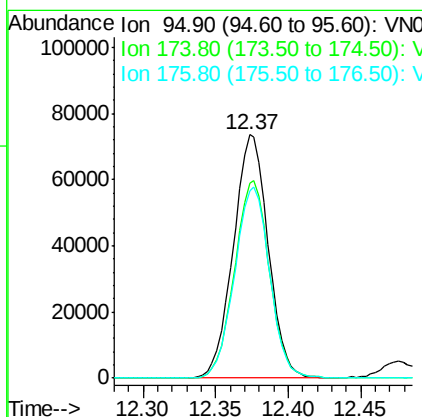
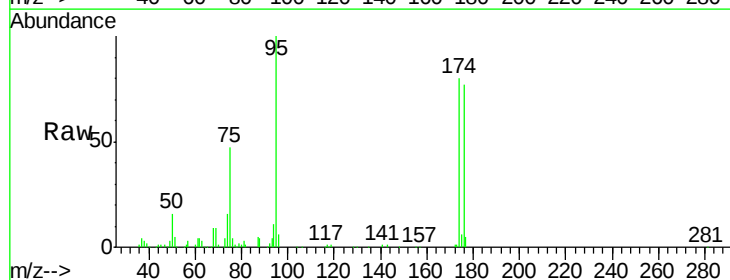
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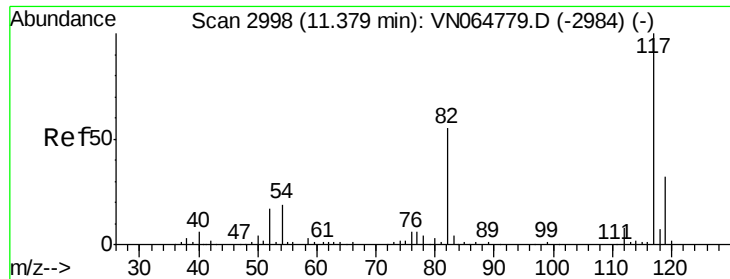
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#62
 4-Bromofluorobenzene
 Concen: 46.353 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Tgt Ion: 95 Resp: 123062
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 160.4
 176 79.0 0.0 158.4





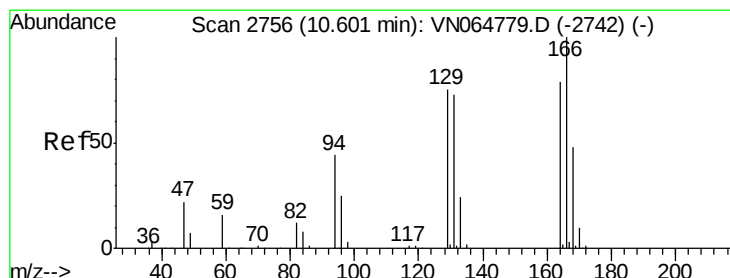
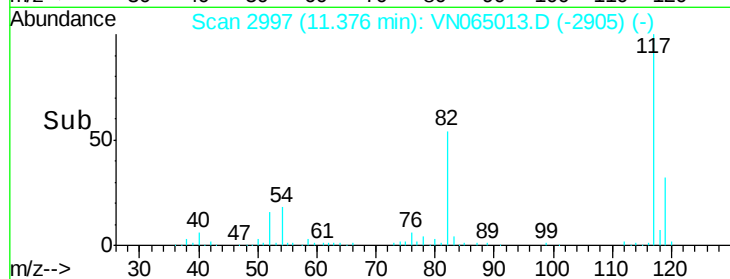
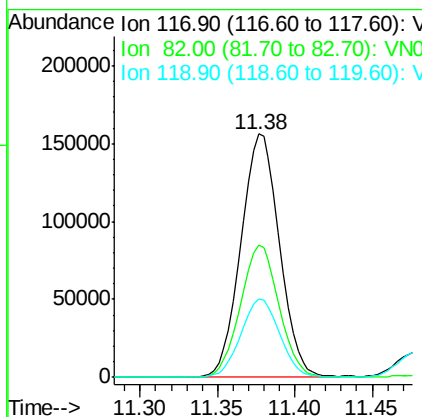
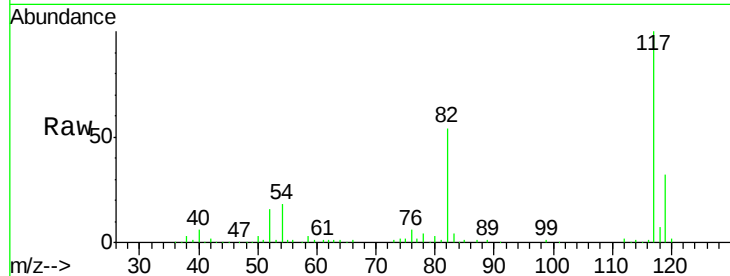
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.2	66.2
119	32.1	25.8	38.6

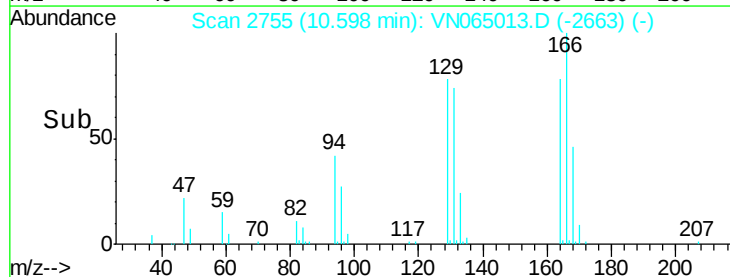
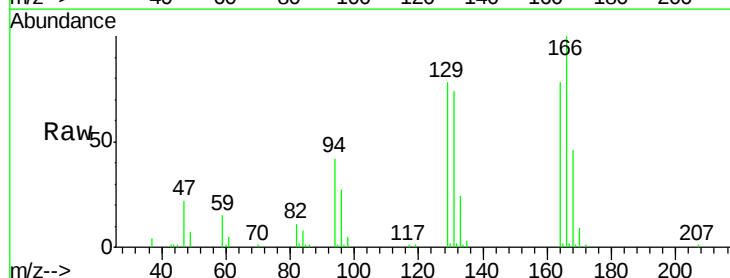
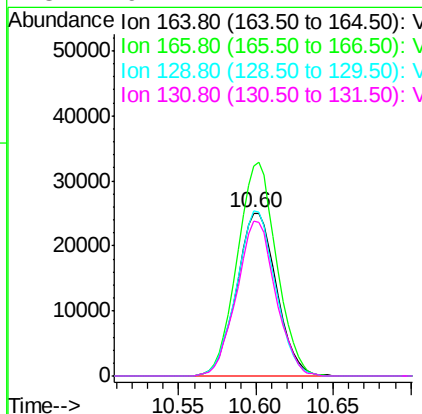
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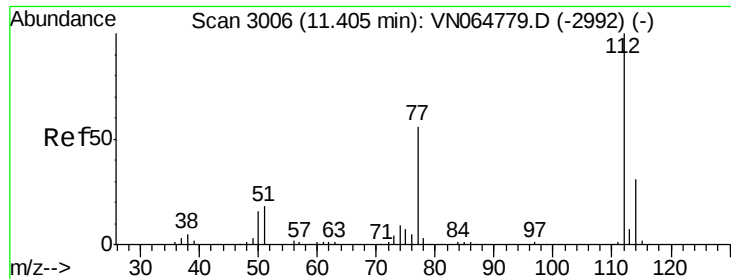
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#64
Tetrachloroethene
Concen: 17.069 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	101.4	152.0
129	100.9	76.1	114.1
131	94.7	74.2	111.2





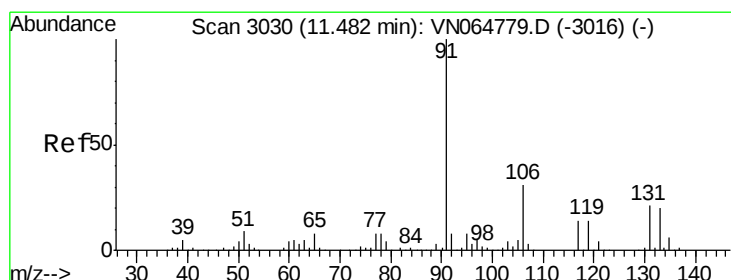
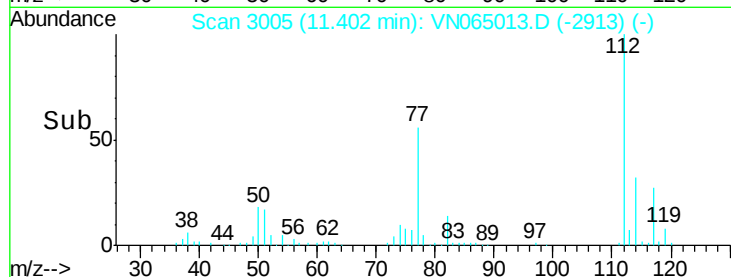
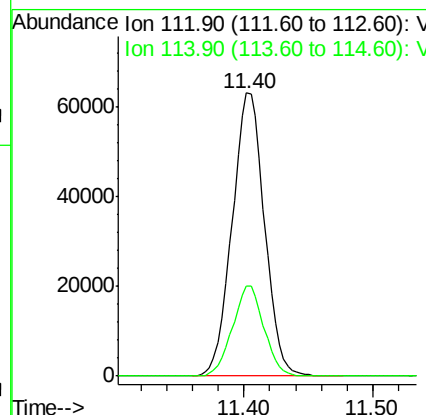
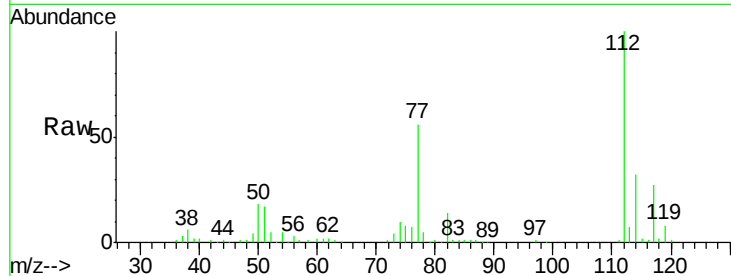
#65
Chlorobenzene
Concen: 18.841 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion:112 Resp: 109650
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7

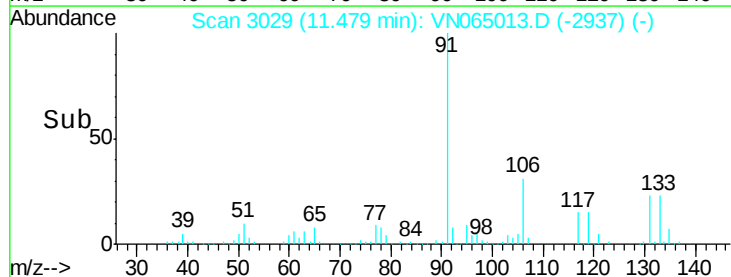
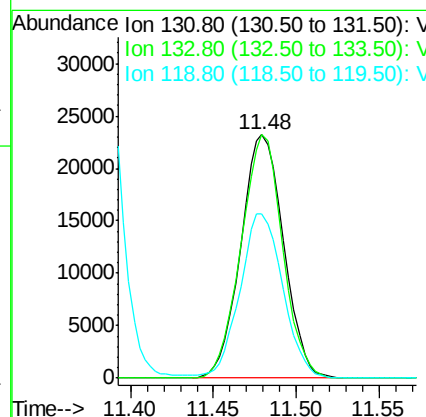
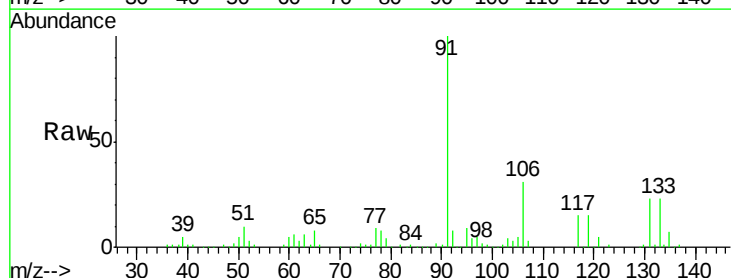
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.445 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion:131 Resp: 41588
Ion Ratio Lower Upper
131 100
133 96.9 47.5 142.5
119 67.8 33.3 99.8





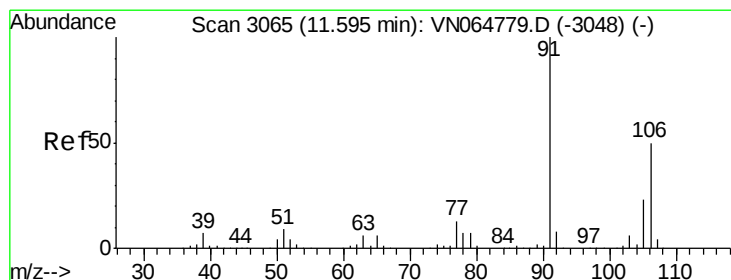
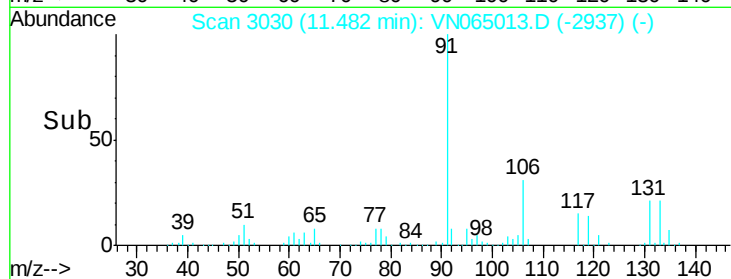
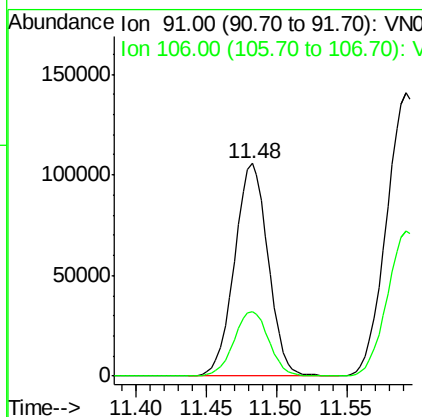
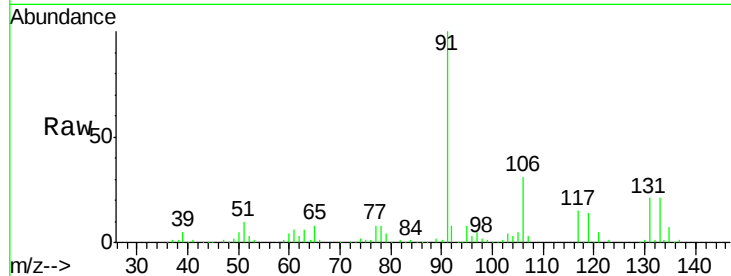
#67
Ethyl Benzene
Concen: 18.202 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion: 91 Resp: 176962
Ion Ratio Lower Upper
91 100
106 30.6 25.2 37.8

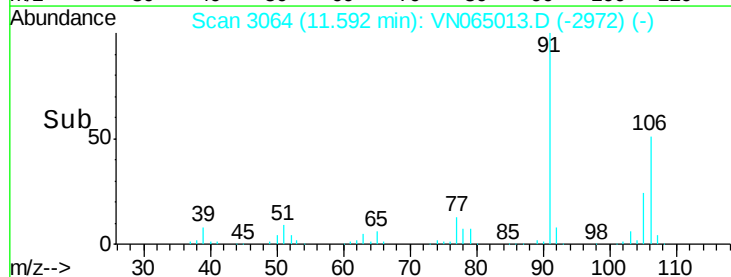
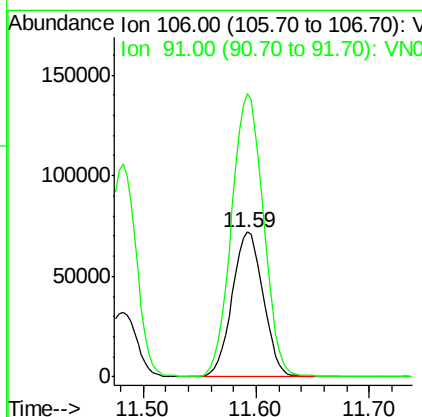
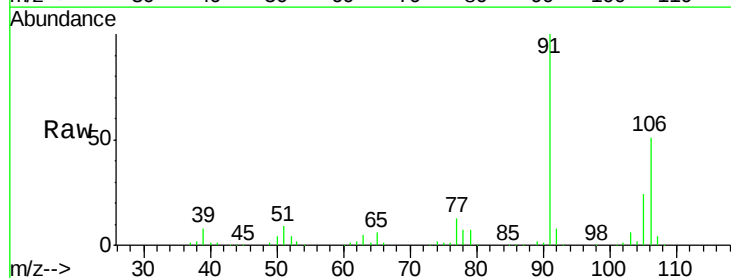
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#68
m/p-Xylenes
Concen: 37.588 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion: 106 Resp: 138358
Ion Ratio Lower Upper
106 100
91 199.4 161.0 241.4





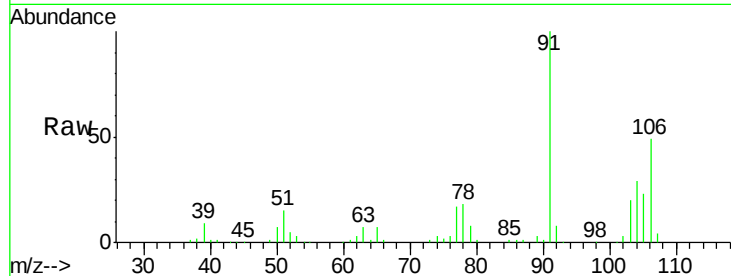
#69
o-Xylene
Concen: 19.314 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

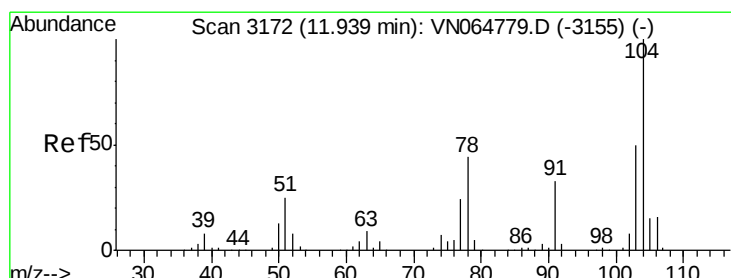
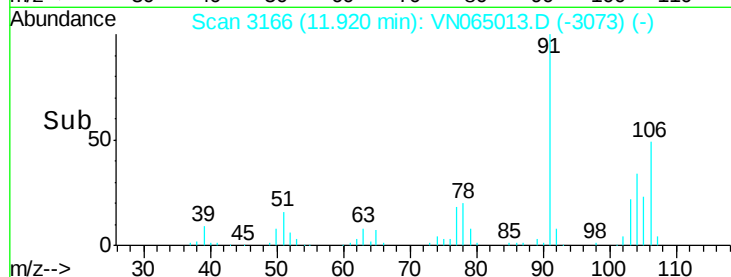
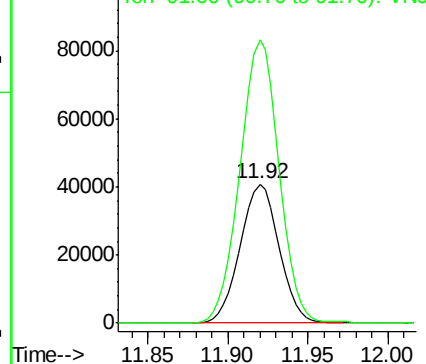
Tot Ion:106 Resp: 67463
Ion Ratio Lower Upper
106 100
91 204.1 105.5 316.5

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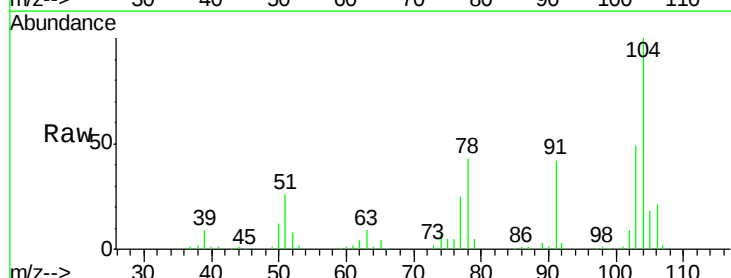


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

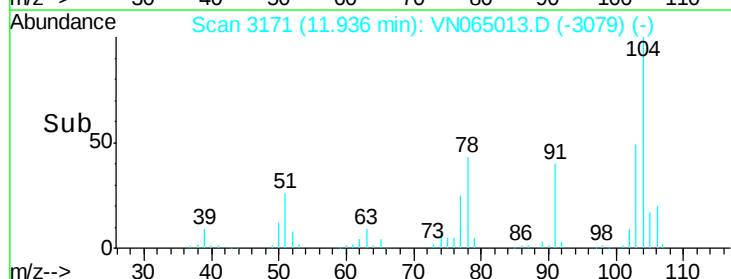
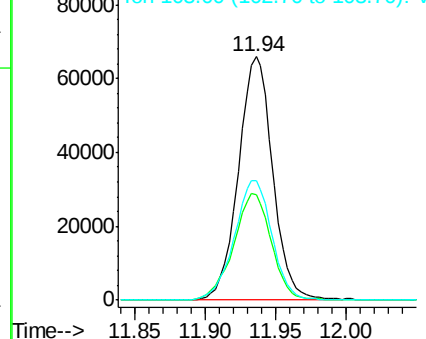


#70
Styrene
Concen: 19.061 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion:104 Resp: 112400
Ion Ratio Lower Upper
104 100
78 47.9 39.0 58.6
103 53.7 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





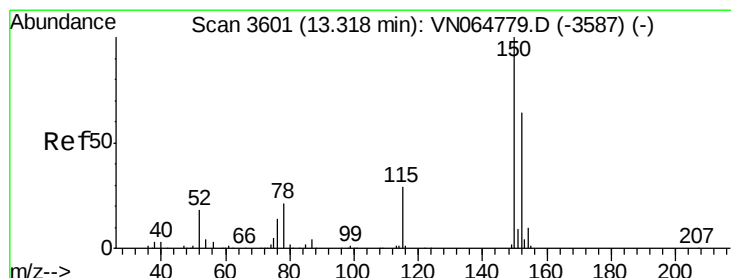
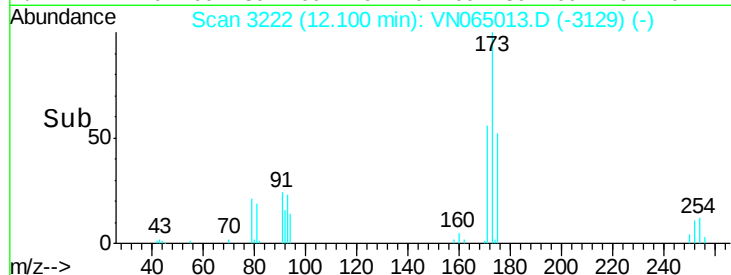
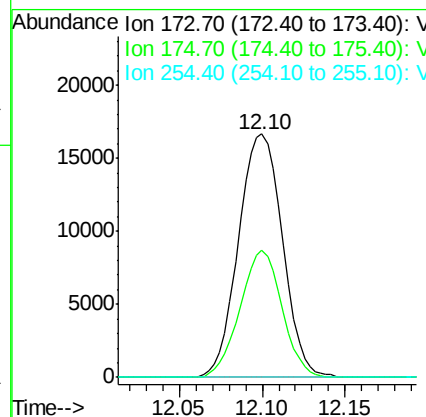
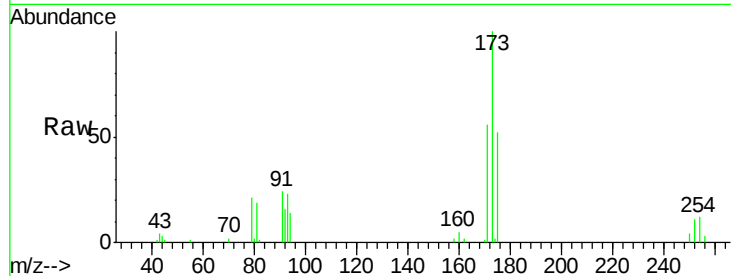
#71
Bromoform
Concen: 17.986 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.3	72.8
254	0.0	0.0	0.0

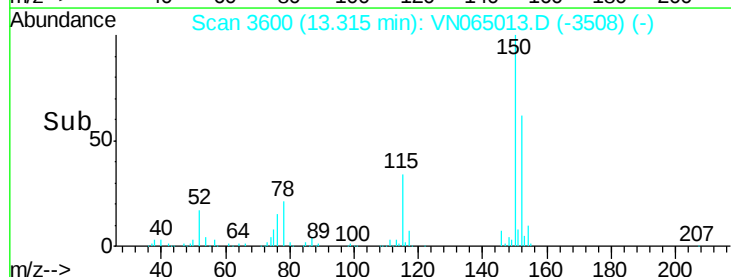
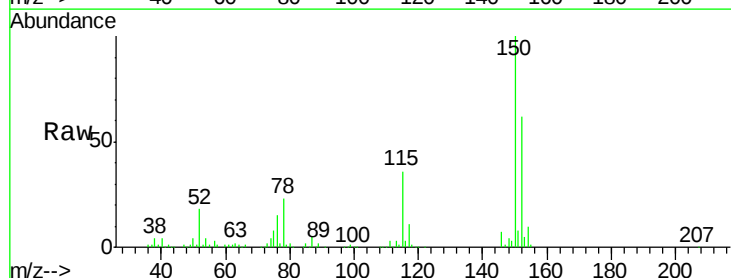
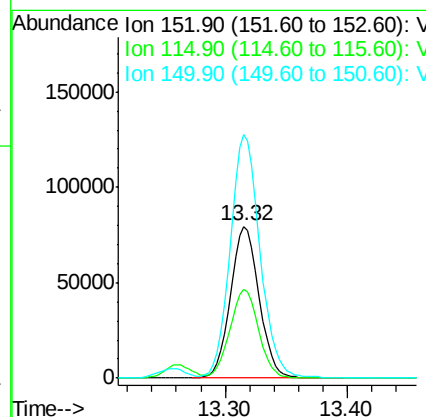
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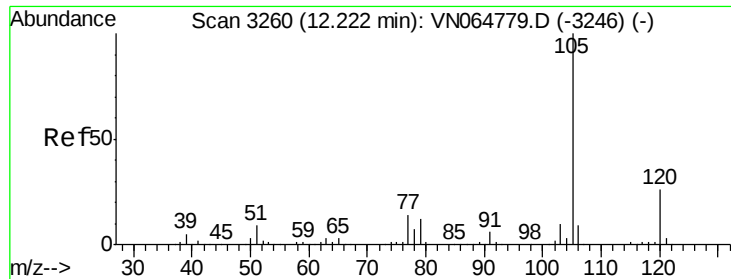
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.7	89.1
150	166.0	0.0	350.6





#73

Isopropylbenzene

Concen: 18.952 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD01

Tot Ion: 105 Resp: 172365

Ion Ratio Lower Upper

105 100

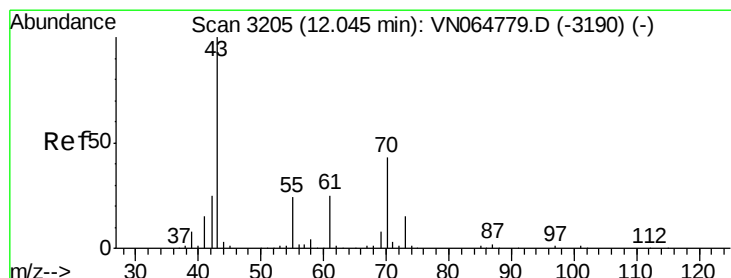
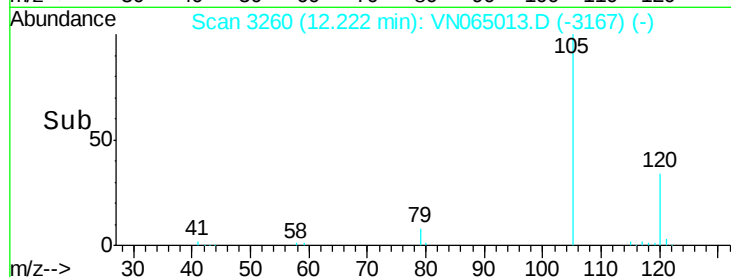
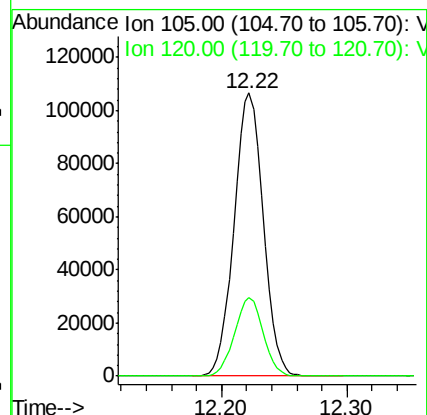
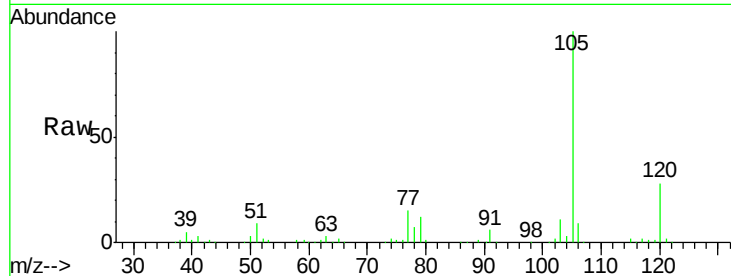
120 27.2 13.3 39.9

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#74

N-ethyl acetate

Concen: 17.208 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Tgt Ion: 43 Resp: 61589

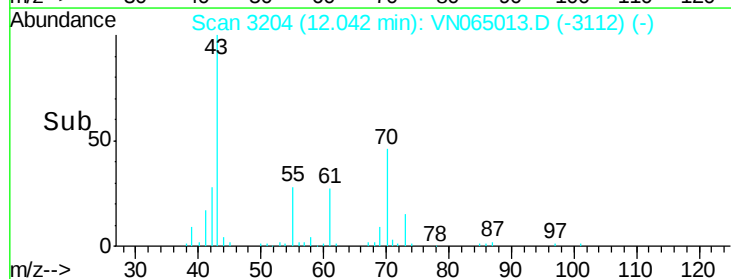
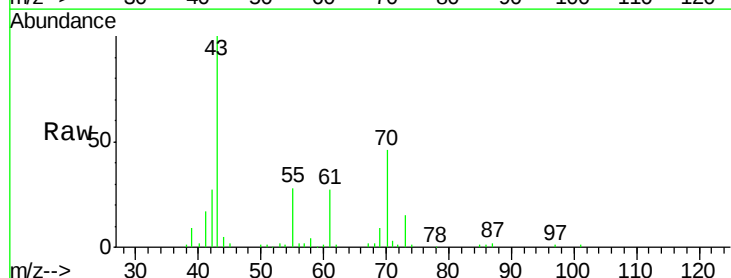
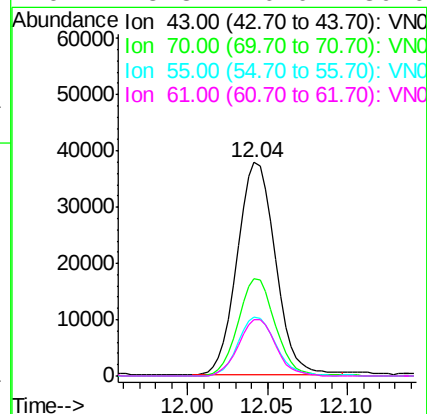
Ion Ratio Lower Upper

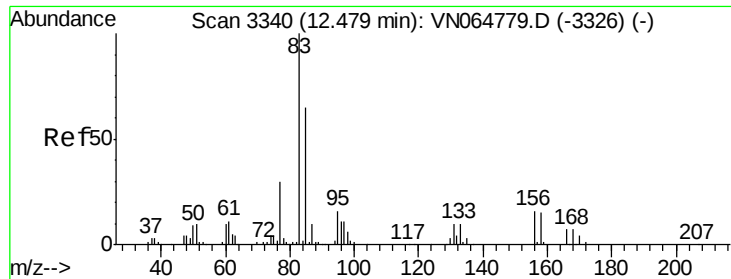
43 100

70 44.3 34.5 51.7

55 27.0 20.4 30.6

61 25.8 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.187 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Instrument :

MSVOA_N

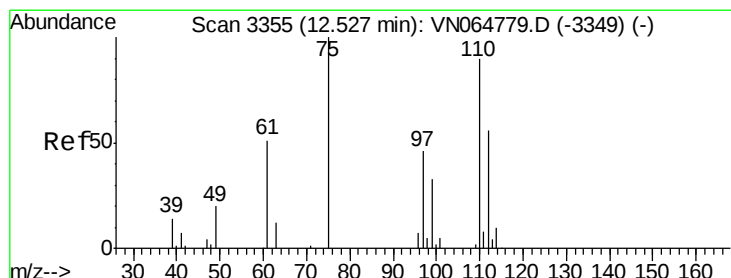
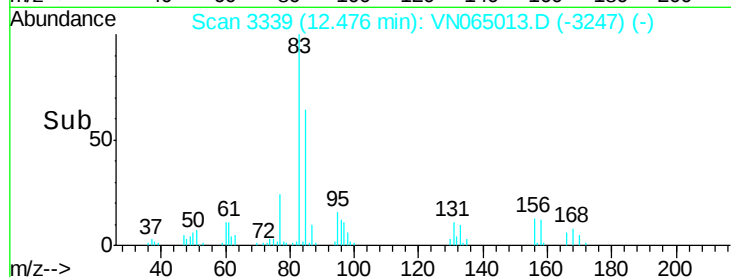
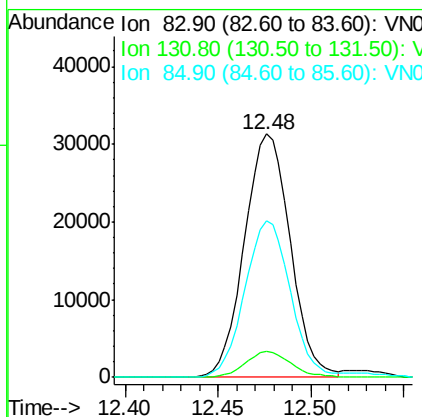
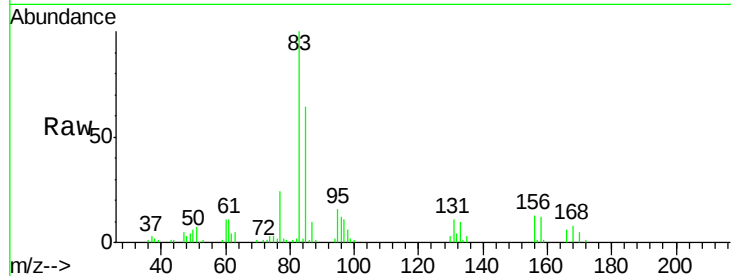
ClientSampleId :

VN1209WBSD01

Tot Ion:	83	Resp:	53812
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	65.3	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 17.961 ug/l m

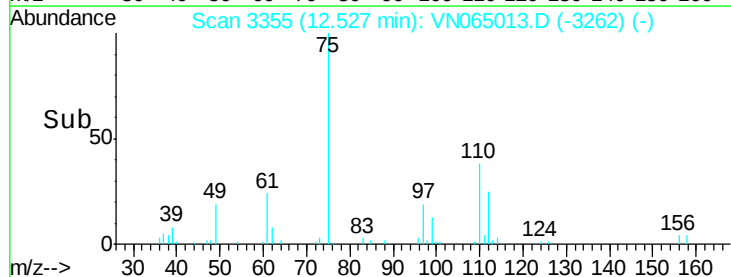
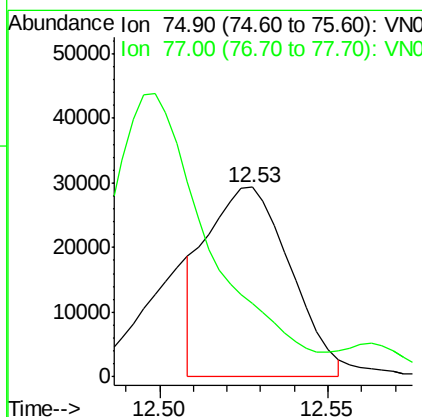
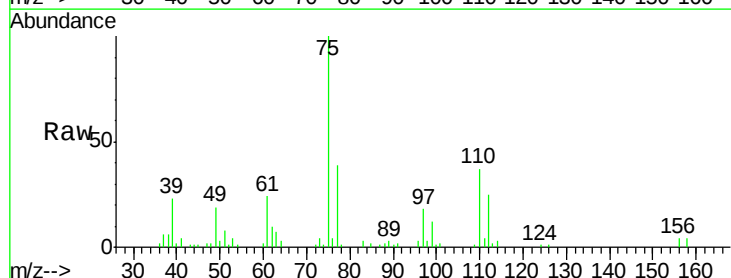
RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Tgt Ion:	75	Resp:	50576
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.095 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Instrument :

MSVOA_N

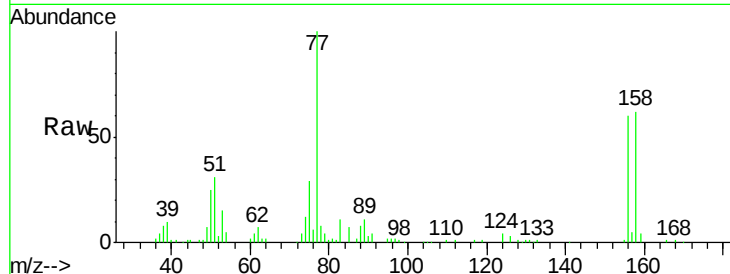
ClientSampleId :

VN1209WBSD01

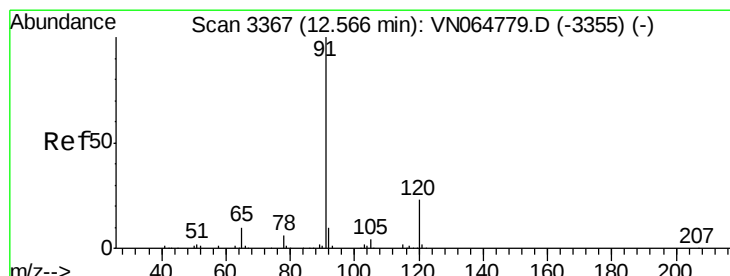
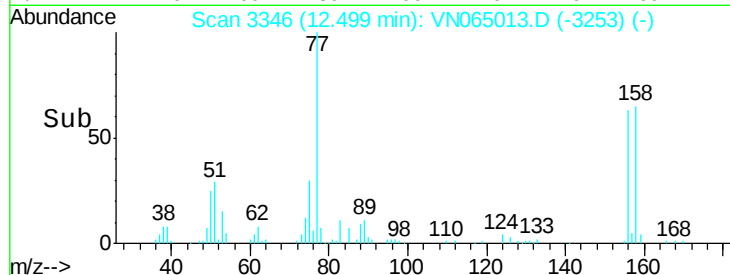
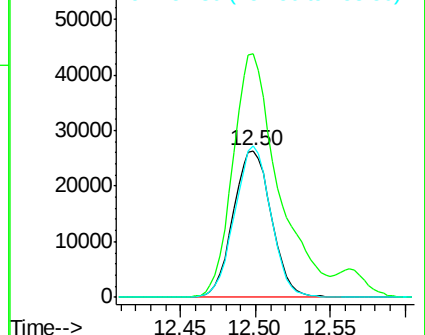
Tot Ion:	156	Resp:	46819
Ion	Ratio	Lower	Upper
156	100		
77	198.8	101.3	303.7
158	98.0	48.2	144.6

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.914 ug/l

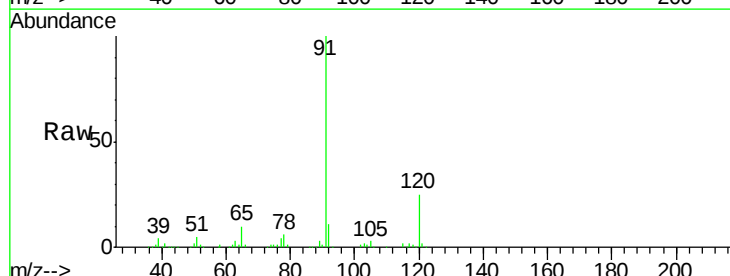
RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

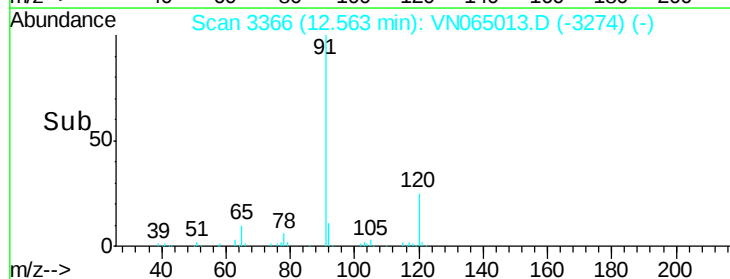
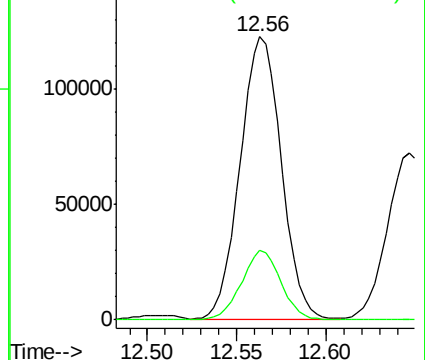
Lab File: VN065013.D

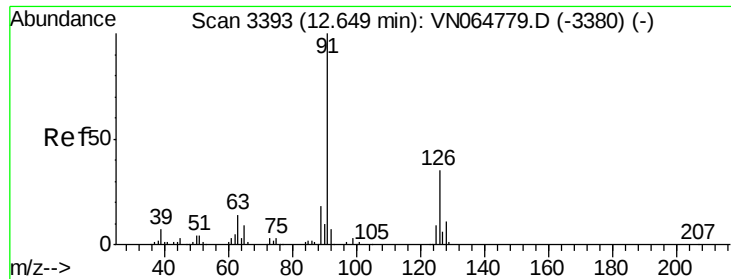
Acq: 9 Dec 2020 12:13

Tgt Ion:	91	Resp:	195962
Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.6	34.7



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





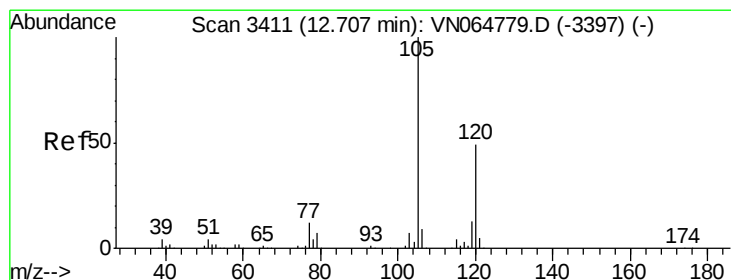
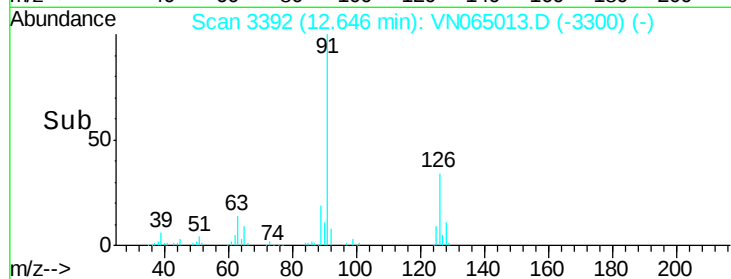
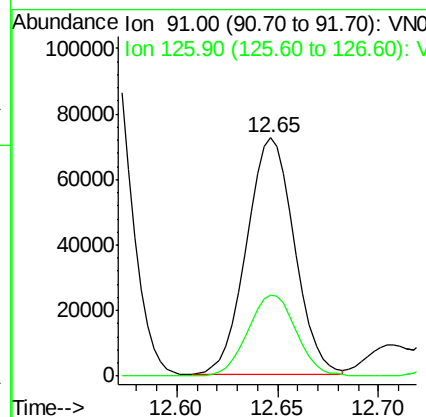
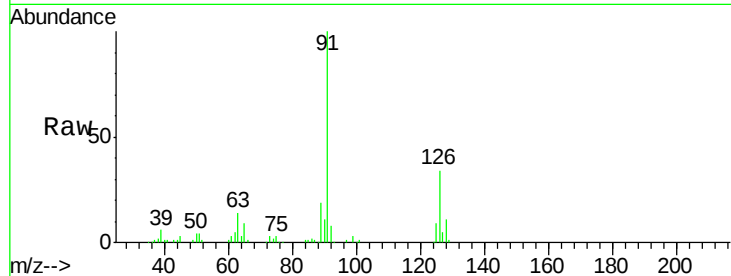
#79
2-Chlorotoluene
Concen: 18.845 ug/l
RT: 12.65 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion: 91 Resp: 120692
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6

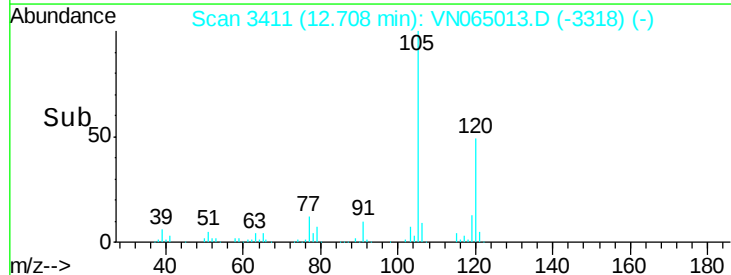
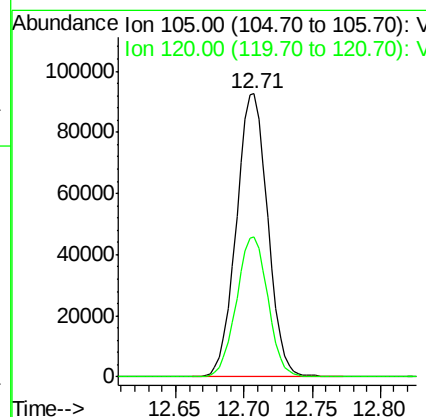
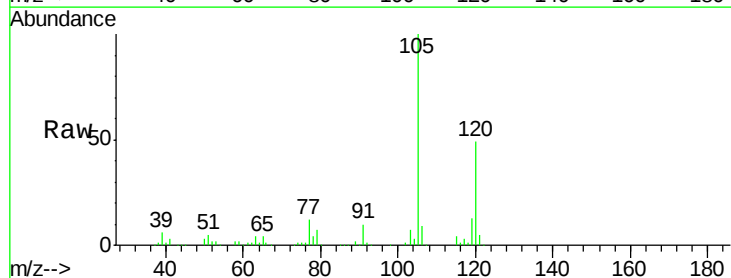
Manual Integrations
APPROVED

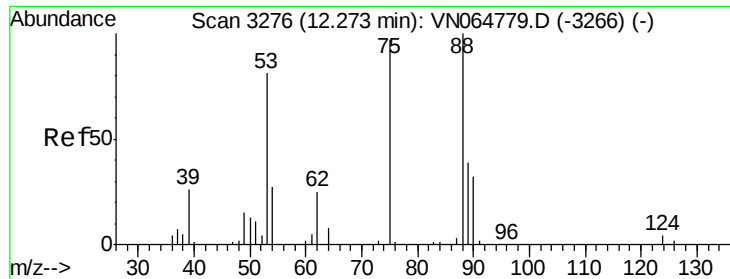
MMDadoda
12/10/2020 9:14:31 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.600 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion: 105 Resp: 148166
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6





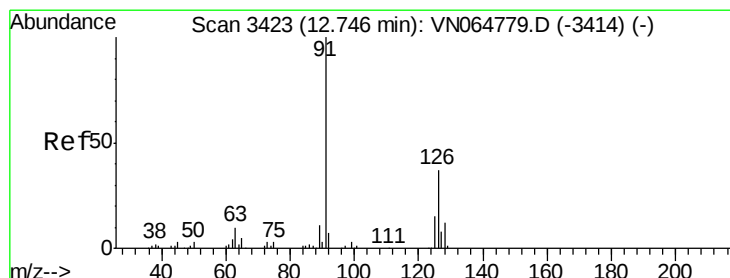
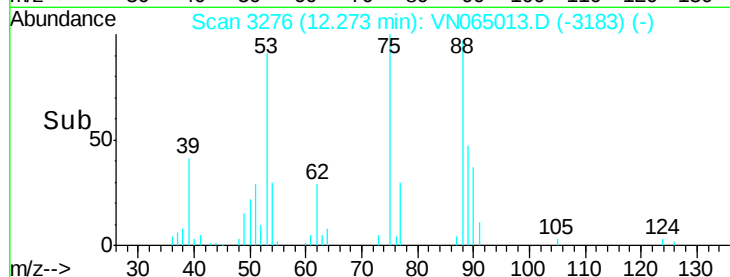
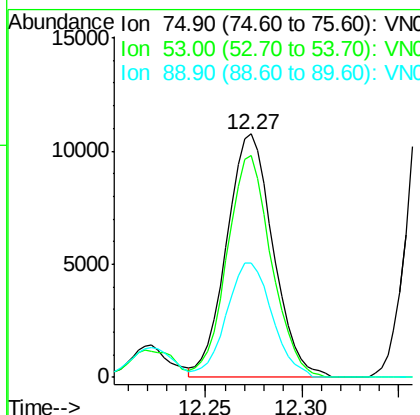
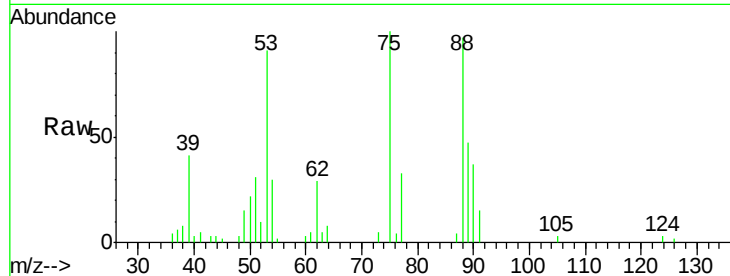
#81
trans-1,4-Dichloro-2-butene
Concen: 17.506 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.9	67.0	100.4
89	46.2	39.6	59.4

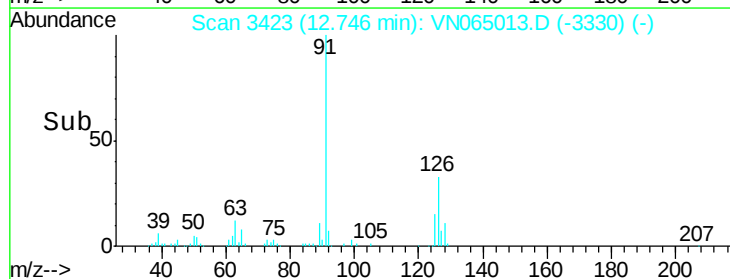
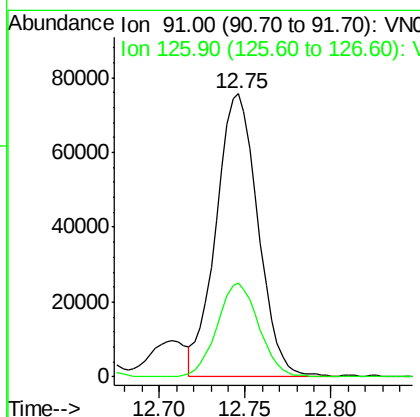
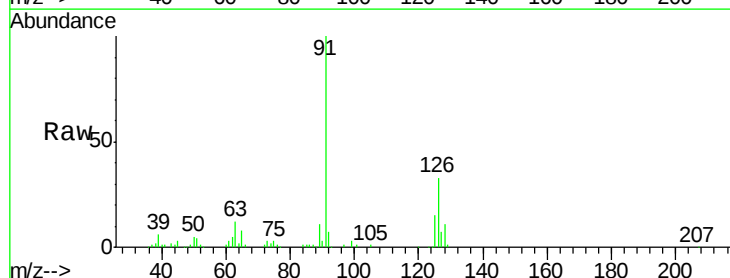
Manual Integrations
APPROVED

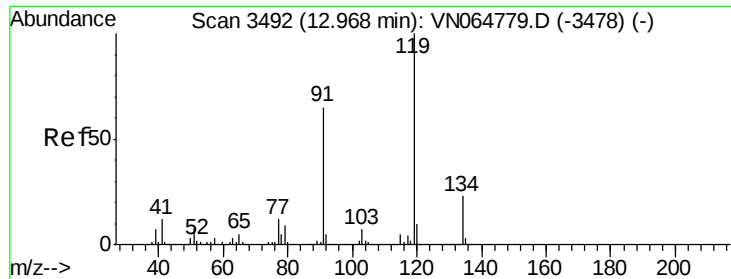
MMDadoda
12/10/2020 9:14:31 AM



#82
4-Chlorotoluene
Concen: 18.949 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.9	50.7





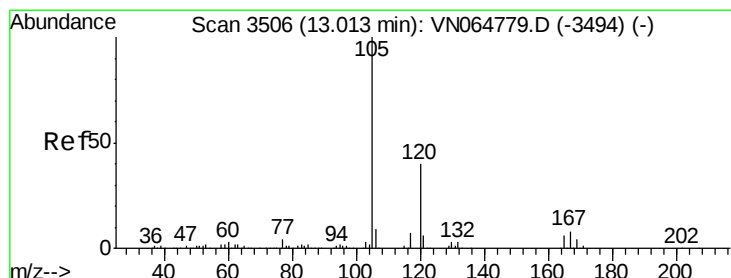
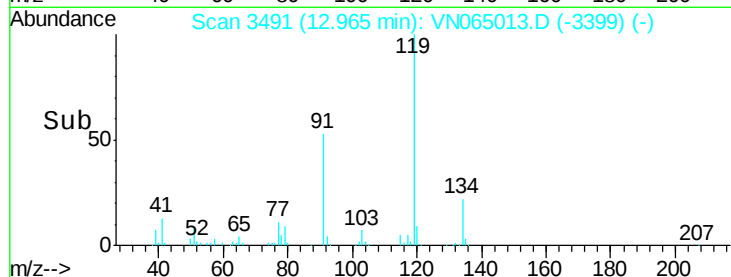
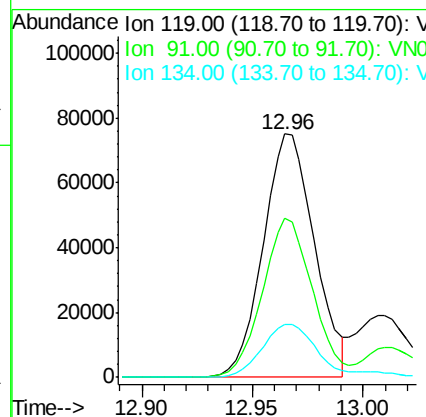
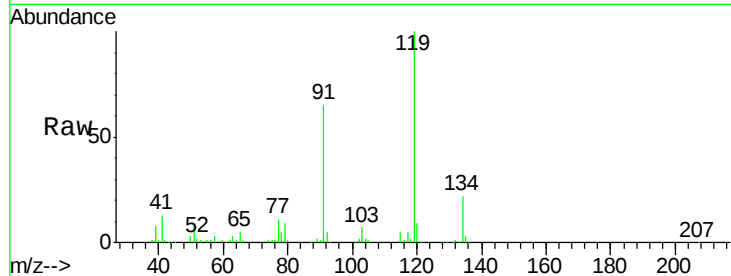
#83
tert-Butylbenzene
Concen: 19.091 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	120965		
91	63.8		32.3	96.8
134	24.6		12.6	37.6

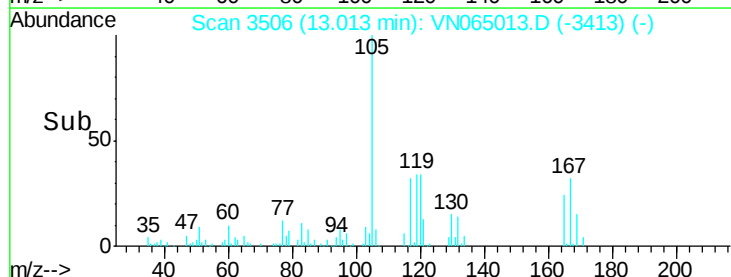
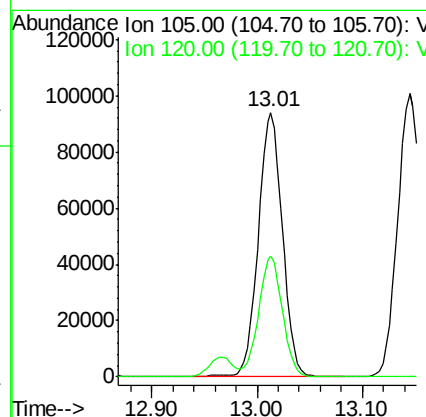
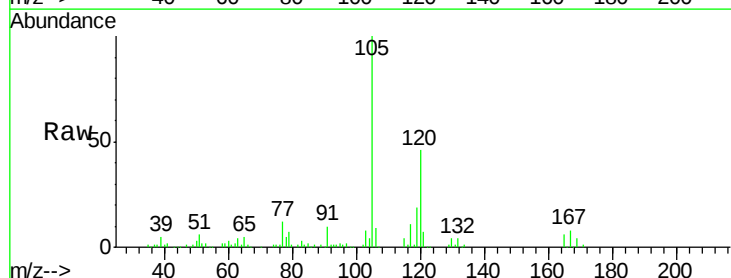
Manual Integrations
APPROVED

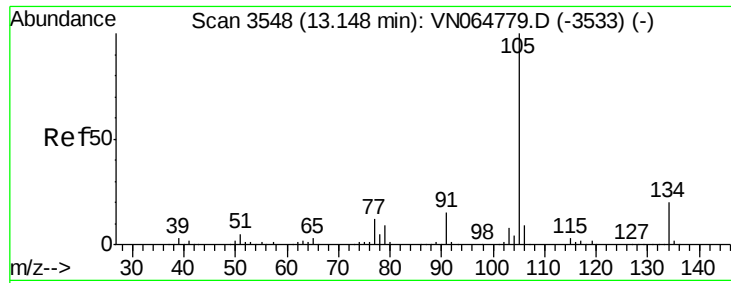
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12/10/2020 9:14:31 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.659 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	150257		
120	45.2		23.1	69.2





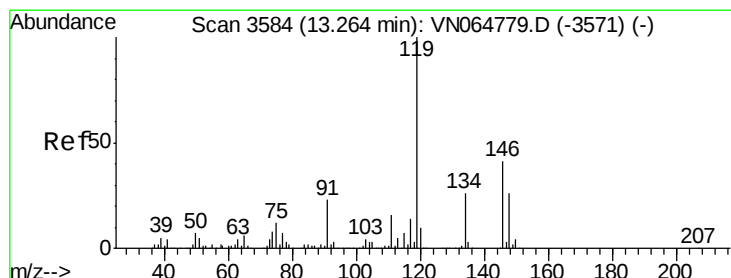
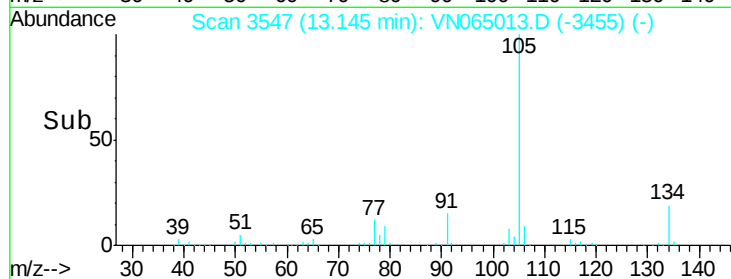
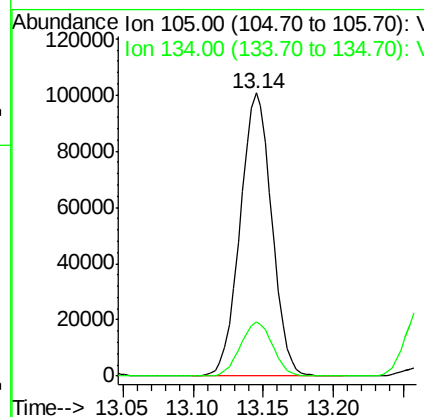
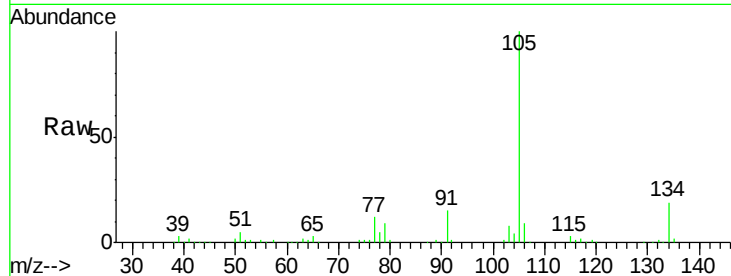
#85
 sec-Butylbenzene
 Concen: 18.836 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	10.1	30.1

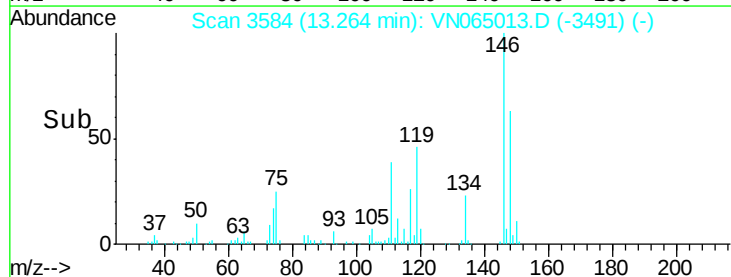
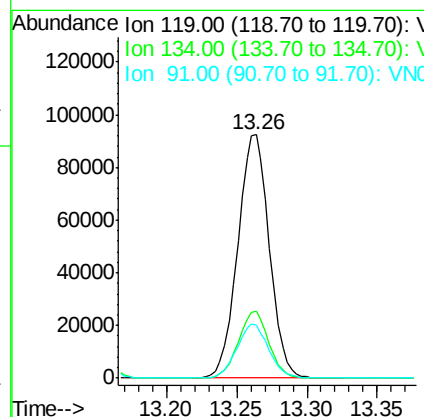
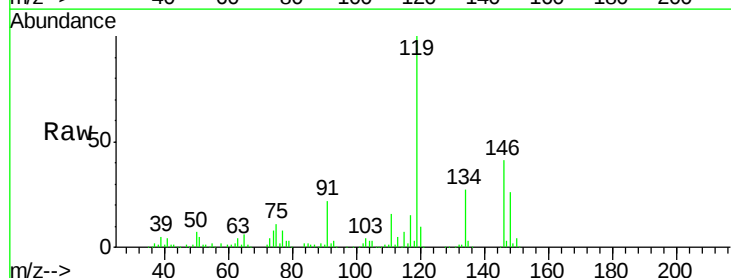
Manual Integrations
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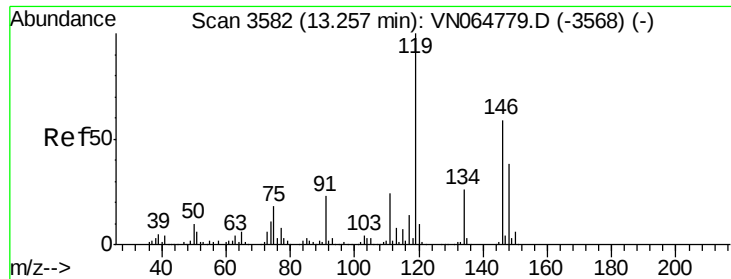
MMDadoda
 12/10/2020 9:14:31 AM



#86
 p-Isopropyltoluene
 Concen: 18.883 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.1	39.1
91	22.4	11.5	34.5





#87

1,3-Dichlorobenzene

Concen: 18.750 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Instrument :

MSVOA_N

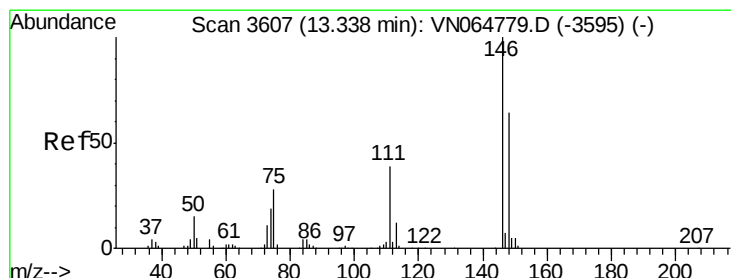
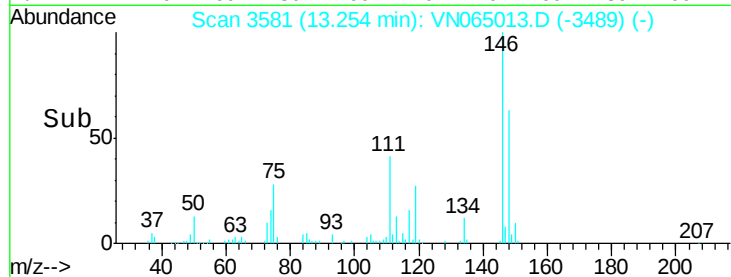
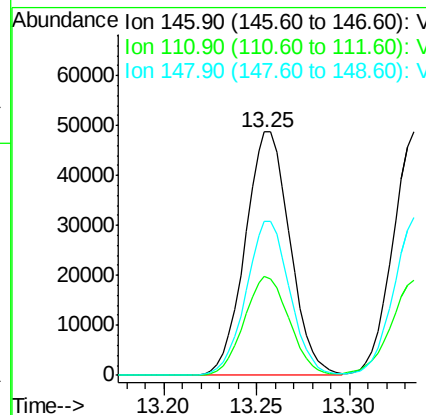
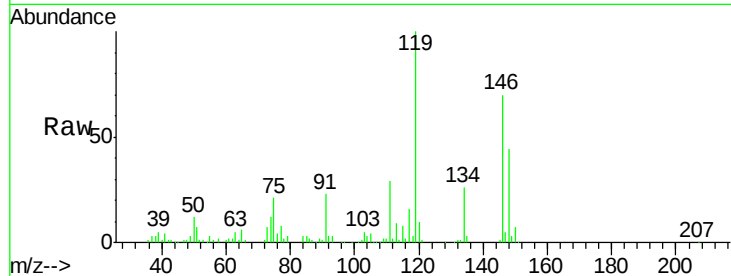
ClientSampleId :

VN1209WBSD01

Tot Ion:	146	Resp:	81677
Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.9
148	61.7	31.9	95.5

Manual Integrations
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MMDadoda
12/10/2020 9:14:31 AM



#88

1,4-Dichlorobenzene

Concen: 18.009 ug/l

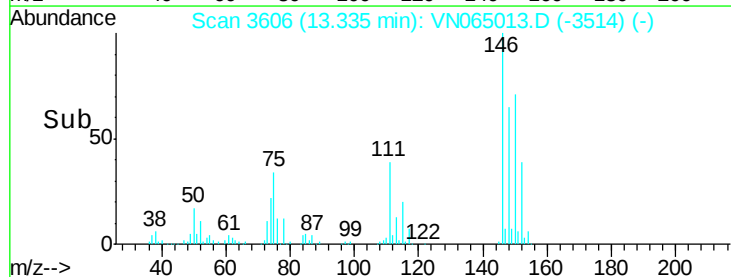
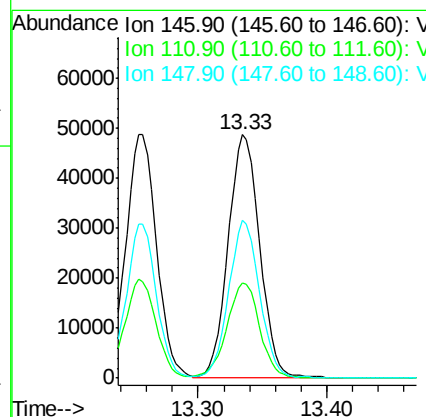
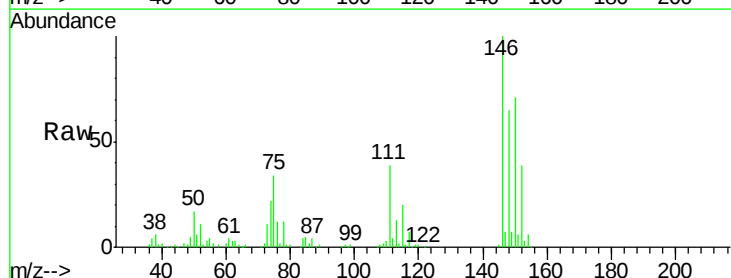
RT: 13.33 min Scan# 3606

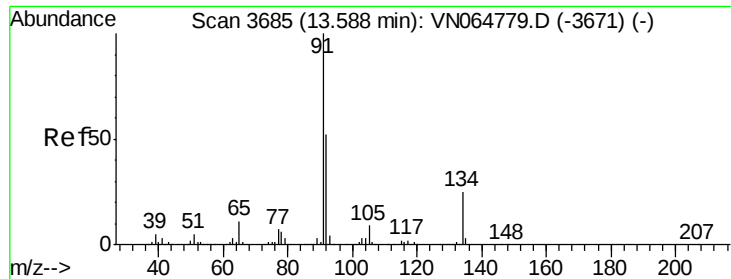
Delta R.T. -0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Tgt Ion:	146	Resp:	82964
Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.8	59.3
148	62.2	31.9	95.5





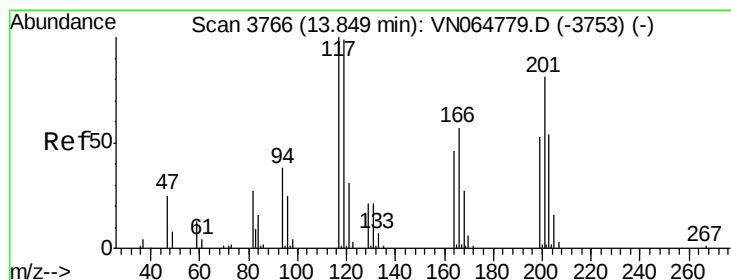
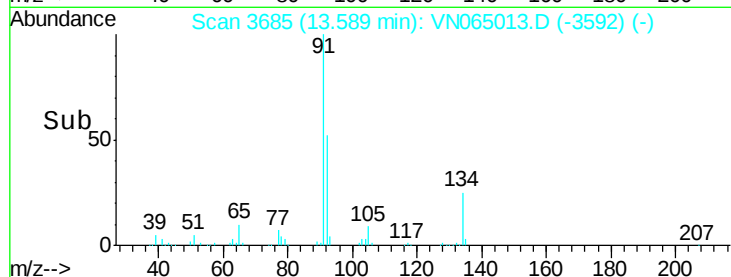
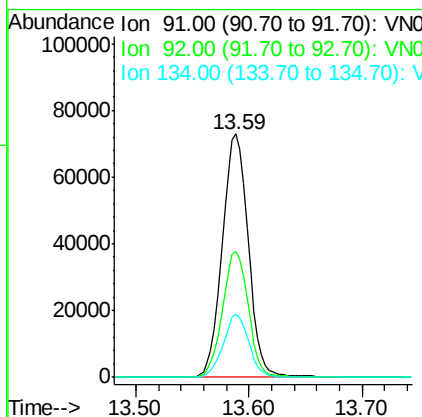
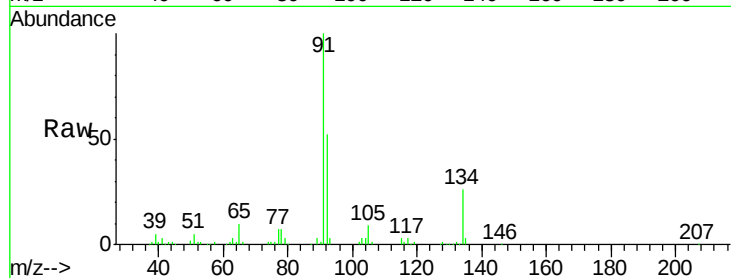
#89
n-Butylbenzene
Concen: 17.415 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.0	78.0
134	25.3	12.9	38.6

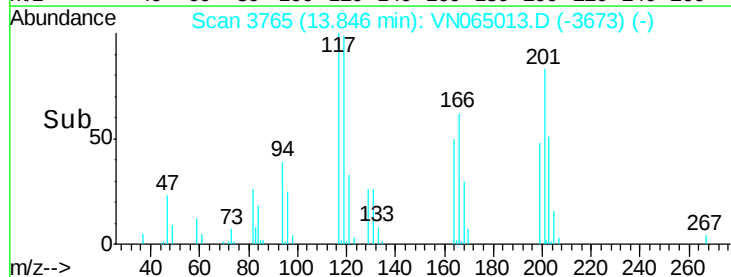
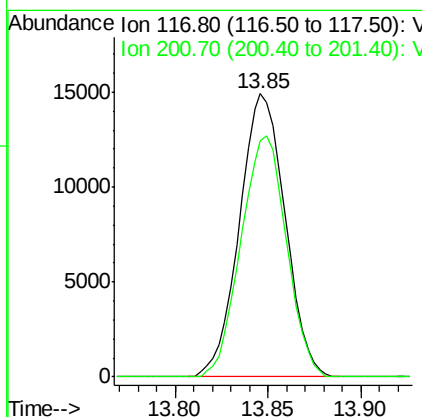
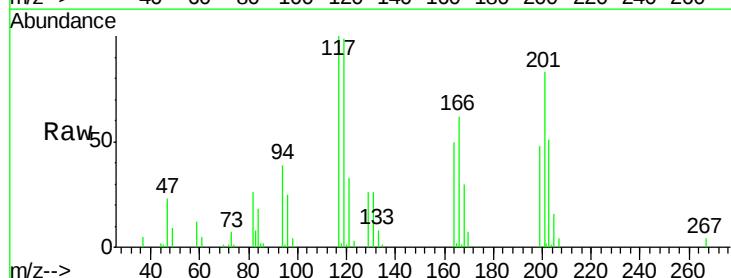
Manual Integrations
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#90
Hexachloroethane
Concen: 19.159 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.5	40.1	120.3





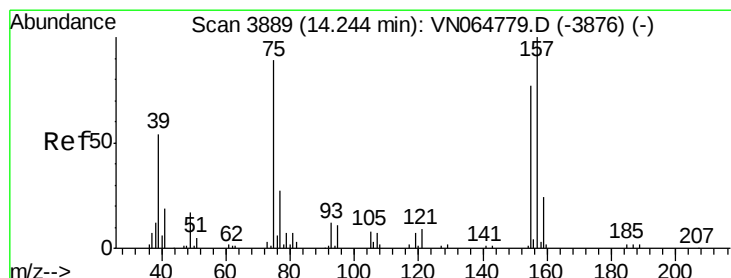
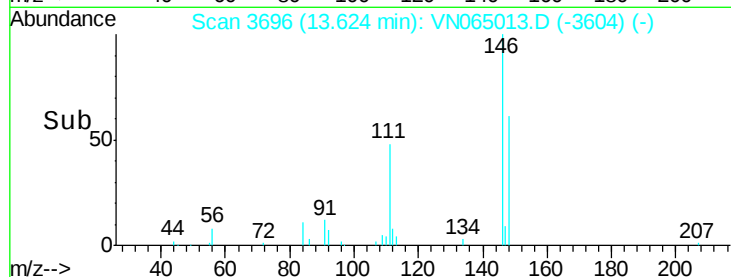
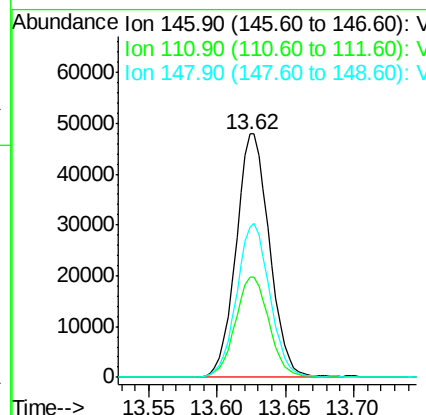
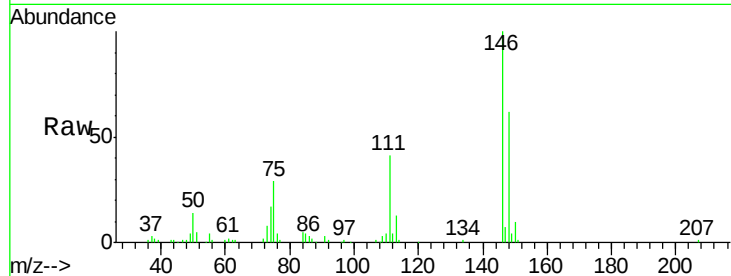
#91
 1,2-Dichlorobenzene
 Concen: 19.081 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.1	63.1
148	62.5	32.0	96.2

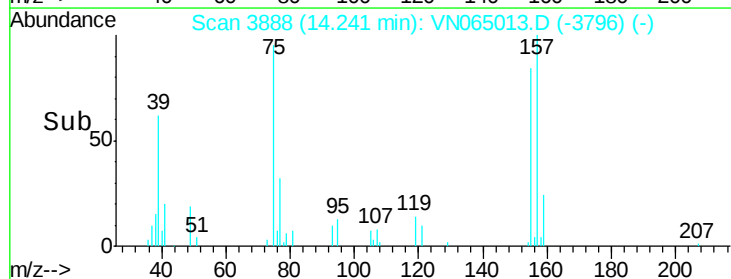
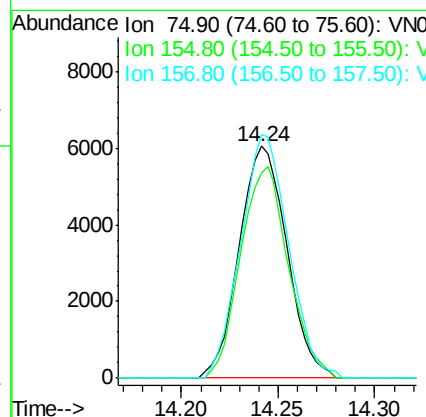
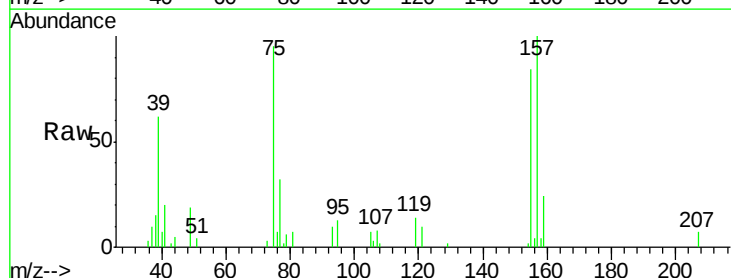
Manual Integrations
 APPROVED

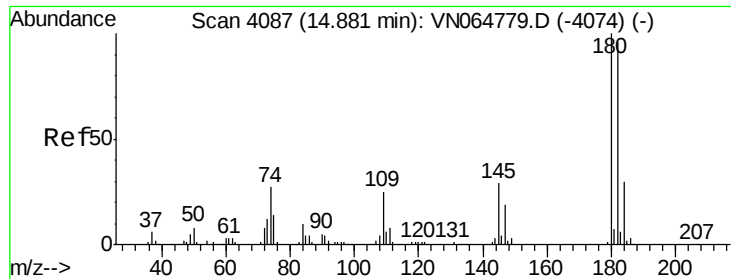
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 12/10/2020 9:14:31 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.316 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN065013.D
 Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.8	42.8	128.3
157	105.7	56.4	169.1





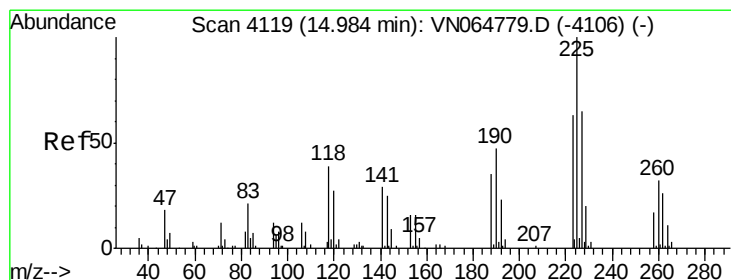
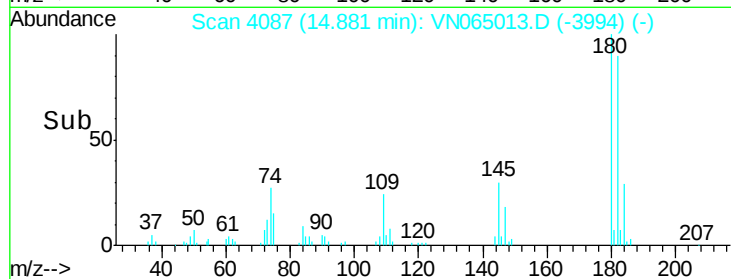
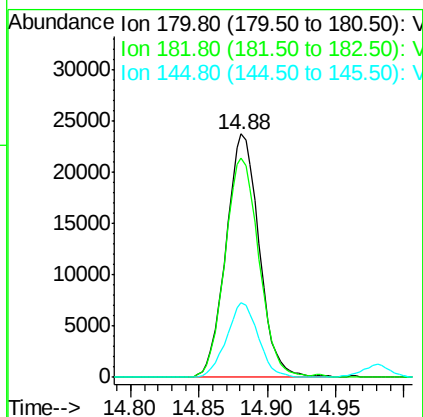
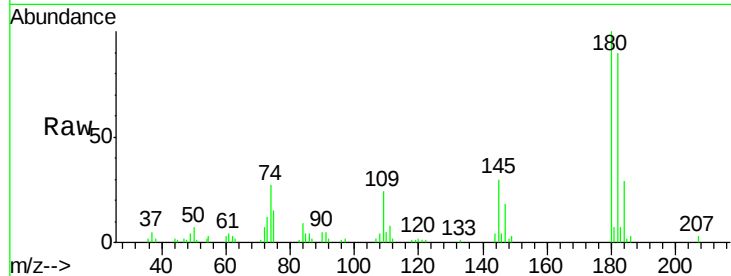
#93
1,2,4-Trichlorobenzene
Concen: 15.170 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.6	142.9
145	29.3	15.3	45.8

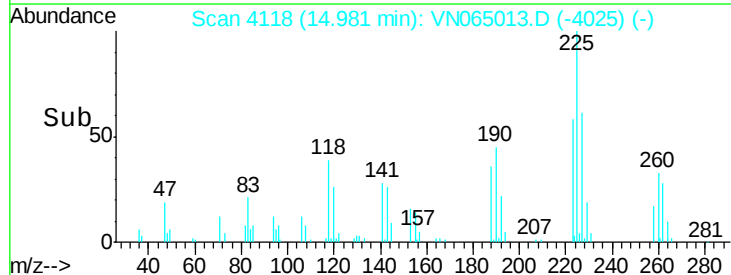
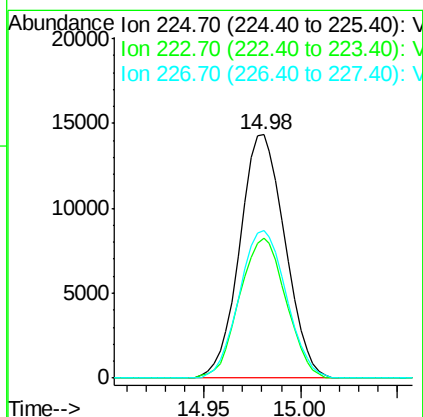
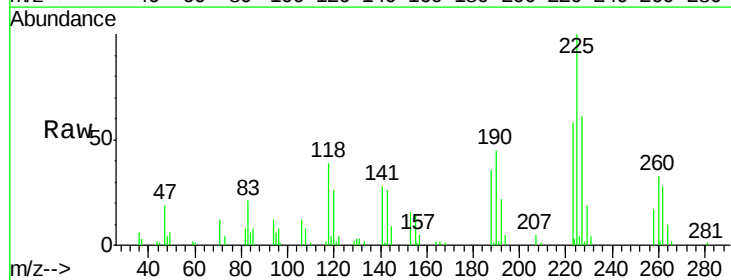
Manual Integrations
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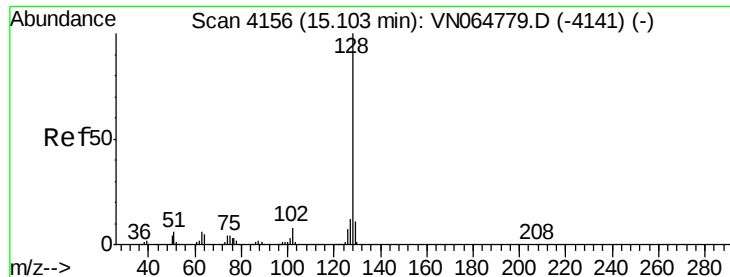
MMDadoda
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#94
Hexachlorobutadiene
Concen: 19.837 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN065013.D
Acq: 9 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.8	31.0	93.0
227	62.9	32.0	96.0





#95

Naphthalene

Concen: 13.581 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Instrument :

MSVOA_N

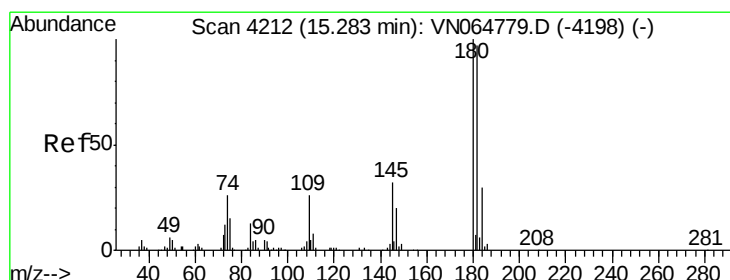
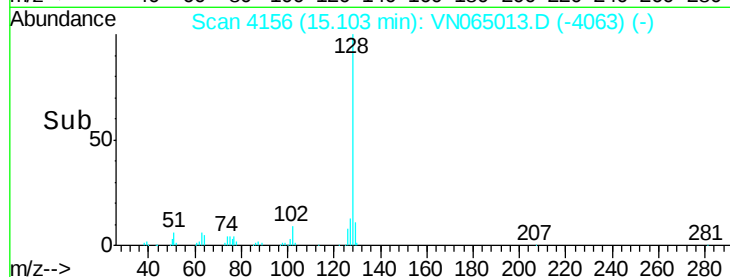
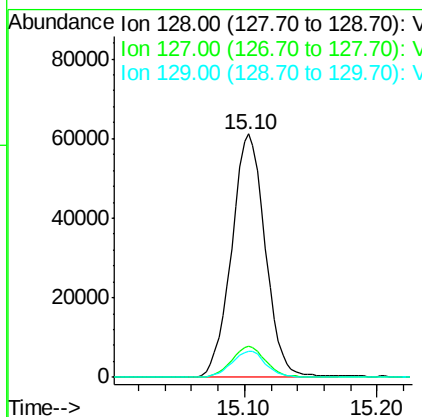
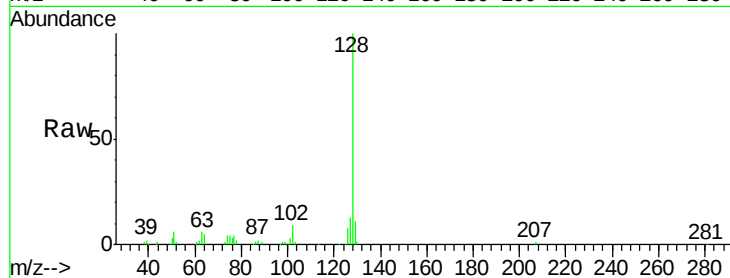
ClientSampleId :

VN1209WBSD01

Tot Ion:	128	Resp:	107654
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
12/10/2020 9:14:31 AM



#96

1,2,3-Trichlorobenzene

Concen: 15.811 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN065013.D

Acq: 9 Dec 2020 12:13

Tgt Ion:	180	Resp:	37295
Ion Ratio	Lower	Upper	
180	100		
182	96.8	48.1	144.4
145	31.2	16.4	49.1

