

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064988.D
 Acq On : 8 Dec 2020 23:50
 Operator : JC/MD
 Sample : VN1208WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:55:56 AM

Quant Time: Dec 09 08:09:08 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	7.63	168	191301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	313477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	277002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130338	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	110807	49.82	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.64%
35) Dibromofluoromethane	7.55	113	96183	51.28	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.56%
50) Toluene-d8	10.06	98	364674	47.58	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.16%
62) 4-Bromofluorobenzene	12.38	95	125698	45.83	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.66%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	24873	15.002	ug/l 99
3) Chloromethane	2.04	50	34976	16.234	ug/l 100
4) Vinyl Chloride	2.17	62	37264	16.589	ug/l 97
5) Bromomethane	2.53	94	25410	17.242	ug/l 100
6) Chloroethane	2.68	64	24385	17.552	ug/l 100
7) Trichlorofluoromethane	2.99	101	54793	17.647	ug/l 99
8) Diethyl Ether	3.38	74	22860	18.652	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	33143	17.793	ug/l 98
10) Methyl Iodide	3.90	142	39965	16.542	ug/l 99
11) Tert butyl alcohol	4.75	59	28405	81.897	ug/l # 93
12) 1,1-Dichloroethene	3.69	96	33788	18.214	ug/l 99
13) Acrolein	3.57	56	15631	73.782	ug/l 94
14) Allyl chloride	4.28	41	52487	17.155	ug/l 99
15) Acrylonitrile	4.93	53	84972	88.683	ug/l 100
16) Acetone	3.78	43	69296	94.784	ug/l 100
17) Carbon Disulfide	4.01	76	77986	16.286	ug/l 100
18) Methyl Acetate	4.29	43	42241	19.217	ug/l 97
19) Methyl tert-butyl Ether	5.00	73	108555	18.246	ug/l 100
20) Methylene Chloride	4.51	84	41297	18.026	ug/l 98
21) trans-1,2-Dichloroethene	4.99	96	35537	17.251	ug/l 94
22) Diisopropyl ether	5.91	45	117338	19.160	ug/l 97
23) Vinyl Acetate	5.85	43	447649	91.408	ug/l 100
24) 1,1-Dichloroethane	5.80	63	69861	19.088	ug/l 98
25) 2-Butanone	6.79	43	105343	88.887	ug/l 99
26) 2,2-Dichloropropane	6.78	77	52966	16.686	ug/l 98
27) cis-1,2-Dichloroethene	6.78	96	43211	18.641	ug/l 96
28) Bromochloromethane	7.15	49	31387	18.746	ug/l 93
29) Tetrahydrofuran	7.17	42	68905	84.227	ug/l 98
30) Chloroform	7.32	83	71845	19.035	ug/l 96
31) Cyclohexane	7.61	56	50290	16.224	ug/l # 96
32) 1,1,1-Trichloroethane	7.53	97	60836	18.767	ug/l 100
36) 1,1-Dichloropropene	7.75	75	50558	17.400	ug/l 99
37) Ethyl Acetate	6.89	43	41776	14.926	ug/l 99
38) Carbon Tetrachloride	7.73	117	52448	17.348	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	46067	14.728	ug/l	95
40) Benzene	8.00	78	155798	17.498	ug/l	98
41) Methacrylonitrile	7.13	41	21721	16.819	ug/l	89
42) 1,2-Dichloroethane	8.09	62	54239	18.058	ug/l	99
43) Isopropyl Acetate	8.13	43	78357	17.398	ug/l	96
44) Trichloroethene	8.80	130	43408	16.523	ug/l	96
45) 1,2-Dichloropropane	9.08	63	42623	18.485	ug/l	99
46) Dibromomethane	9.17	93	28091	18.236	ug/l	99
47) Bromodichloromethane	9.37	83	56575	18.253	ug/l	98
48) Methyl methacrylate	9.16	41	35653	16.567	ug/l	98
49) 1,4-Dioxane	9.17	88	13109	322.292	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	230965	85.422	ug/l	99
52) Toluene	10.12	92	97760	17.829	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	57483	16.651	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	65977	17.830	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	42363	18.788	ug/l	95
56) Ethyl methacrylate	10.40	69	51770	16.638	ug/l	97
57) 1,3-Dichloropropane	10.68	76	66740	17.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	140020	81.808	ug/l	99
59) 2-Hexanone	10.72	43	162723	83.624	ug/l	99
60) Dibromochloromethane	10.87	129	45691	18.230	ug/l	97
61) 1,2-Dibromoethane	10.98	107	40932	17.868	ug/l	99
64) Tetrachloroethene	10.60	164	44829	16.634	ug/l	98
65) Chlorobenzene	11.41	112	109457	18.401	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	42014	19.219	ug/l	99
67) Ethyl Benzene	11.48	91	176520	17.763	ug/l	100
68) m/p-Xylenes	11.59	106	141154	37.517	ug/l	97
69) o-Xylene	11.92	106	65619	18.379	ug/l	99
70) Styrene	11.94	104	112355	18.641	ug/l	99
71) Bromoform	12.10	173	31951	18.299	ug/l #	98
73) Isopropylbenzene	12.22	105	172926	19.074	ug/l	99
74) N-amyl acetate	12.04	43	61665	17.284	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	53367	20.084	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	54856m	19.543	ug/l	
77) Bromobenzene	12.50	156	46066	18.847	ug/l	100
78) n-propylbenzene	12.56	91	192367	18.626	ug/l	99
79) 2-Chlorotoluene	12.65	91	120444	18.866	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	146770	19.477	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	16696	16.302	ug/l	97
82) 4-Chlorotoluene	12.75	91	124098	18.545	ug/l	99
83) tert-Butylbenzene	12.97	119	121707	19.269	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	145854	19.144	ug/l	99
85) sec-Butylbenzene	13.14	105	153281	18.278	ug/l	99
86) p-Isopropyltoluene	13.26	119	138525	18.143	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	80916	18.634	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80335	17.493	ug/l	97
89) n-Butylbenzene	13.59	91	106694	15.912	ug/l	99
90) Hexachloroethane	13.85	117	25392	19.144	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	80254	18.822	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9838	16.454	ug/l	96

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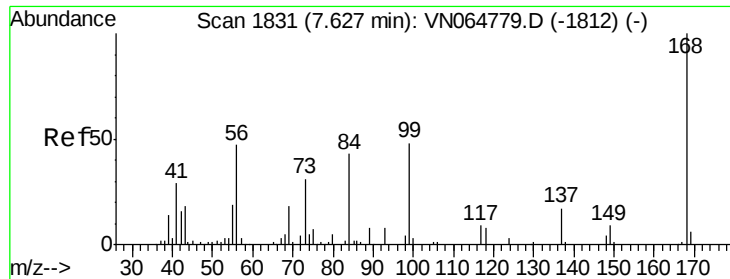
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	38445	14.576	ug/l	99
94) Hexachlorobutadiene	14.98	225	21531	18.365	ug/l	97
95) Naphthalene	15.10	128	111594	14.122	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	37755	16.035	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

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Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tot Ion:168 Resp: 191301

Ion Ratio Lower Upper

168 100

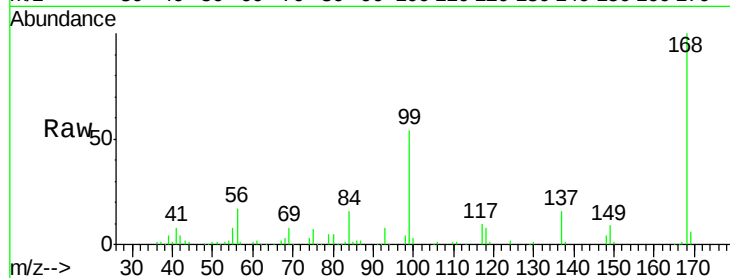
99 53.9 43.0 64.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

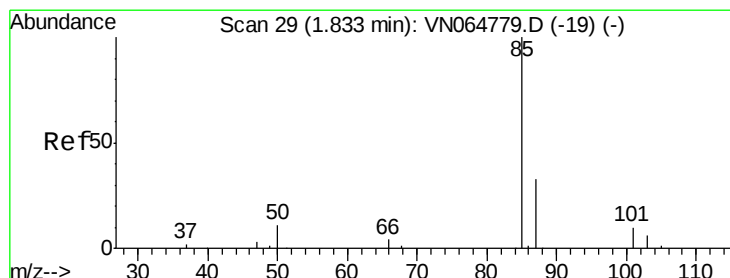
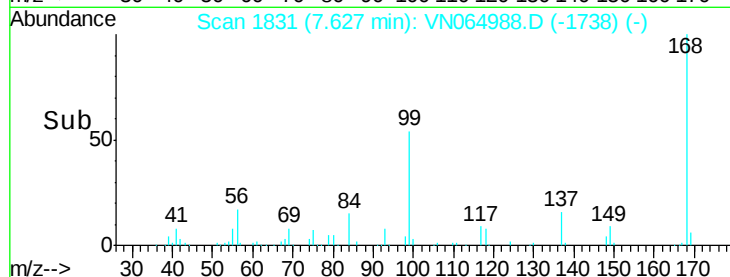
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.002 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064988.D

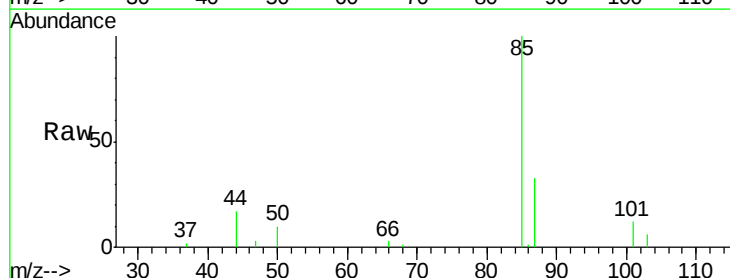
Acq: 8 Dec 2020 23:50

Tgt Ion: 85 Resp: 24873

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

20000

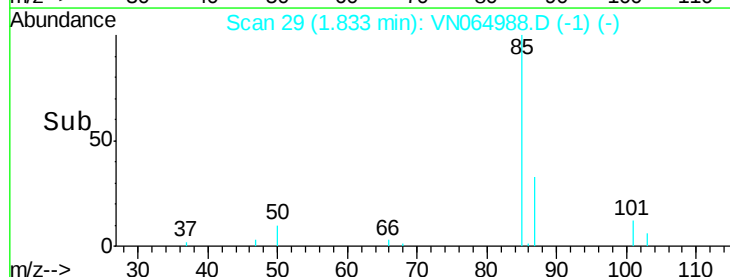
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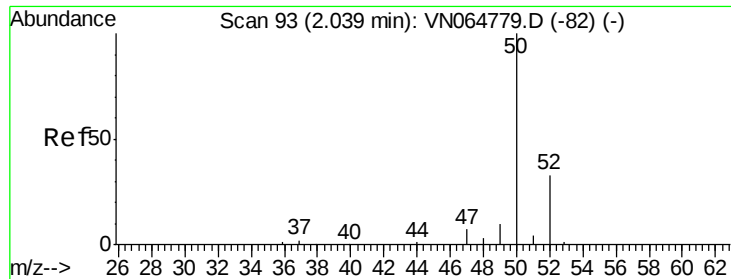
10000

5000

0

Time-->





#3

Chloromethane

Concen: 16.234 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tot Ion: 50 Resp: 34976

Ion Ratio Lower Upper

50 100

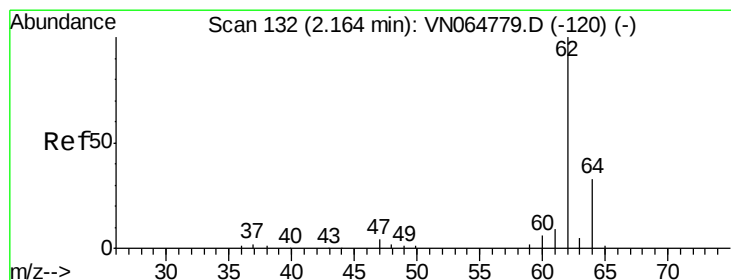
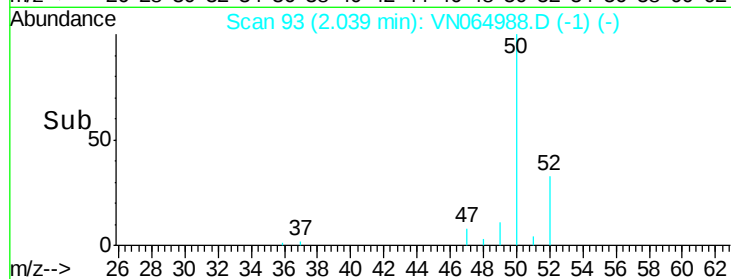
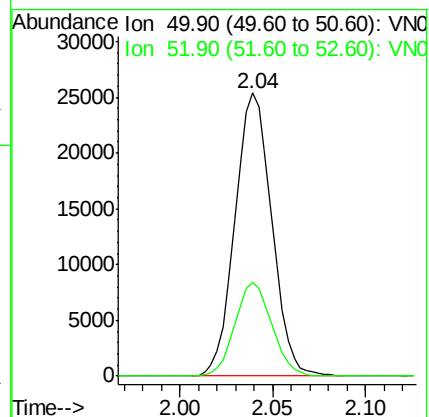
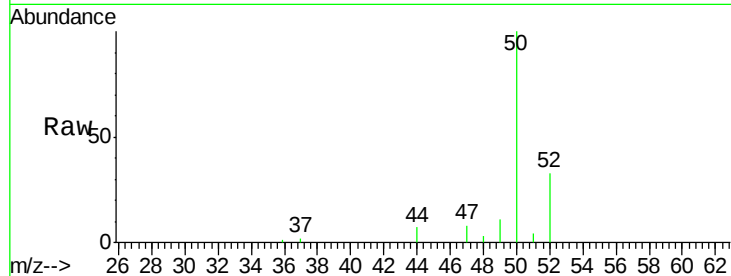
52 33.0 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.589 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064988.D

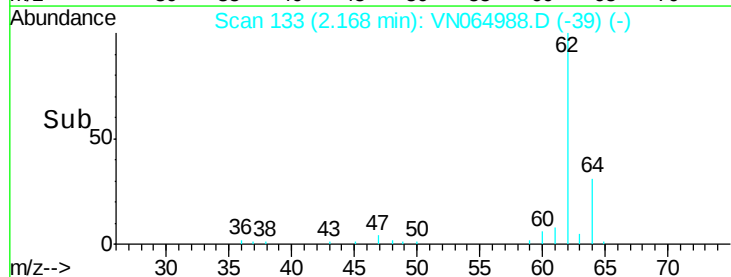
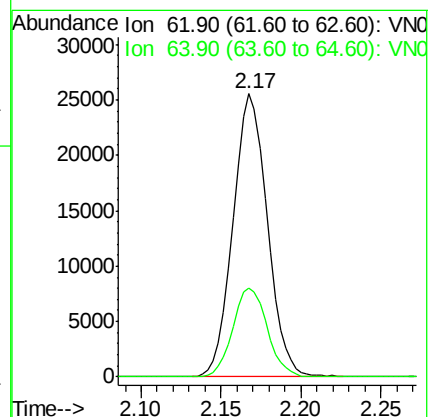
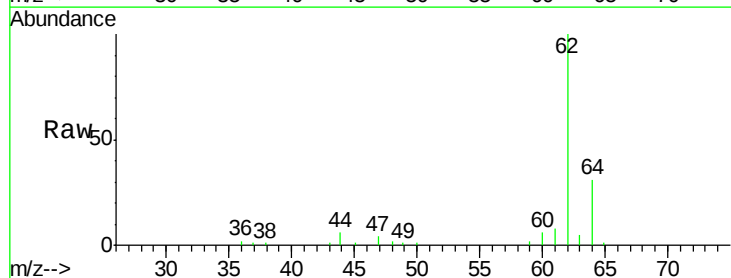
Acq: 8 Dec 2020 23:50

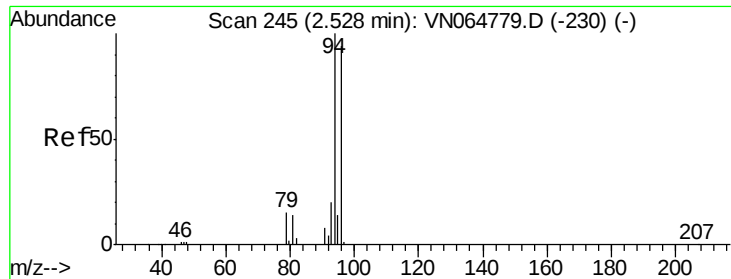
Tgt Ion: 62 Resp: 37264

Ion Ratio Lower Upper

62 100

64 31.3 26.5 39.7





#5

Bromomethane

Concen: 17.242 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

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ClientSampleId :

VN1208WBSD02

Tot Ion: 94 Resp: 25410

Ion Ratio Lower Upper

94 100

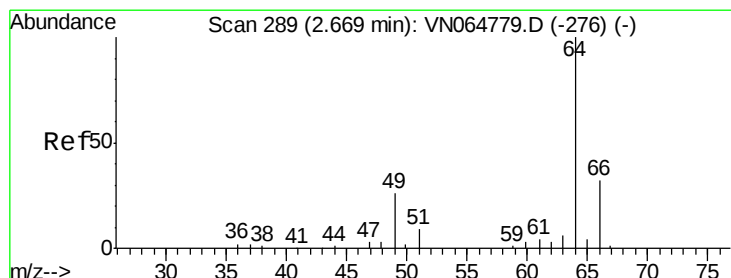
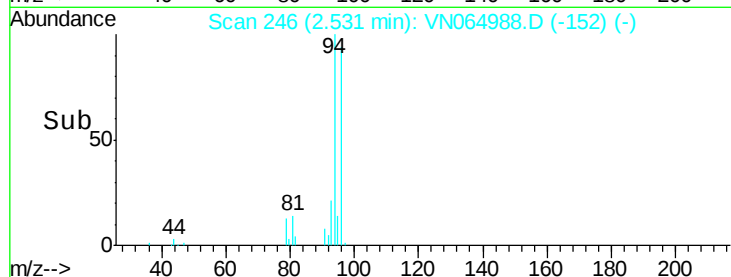
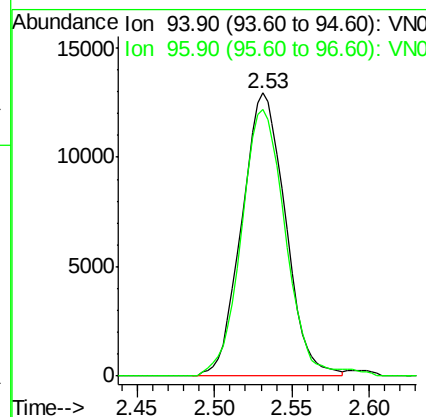
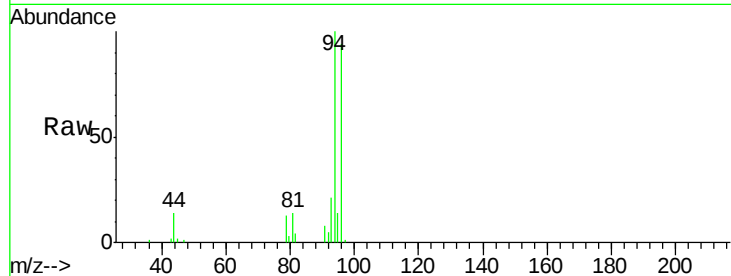
96 94.4 75.4 113.0

Manual Integrations

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#6

Chloroethane

Concen: 17.552 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064988.D

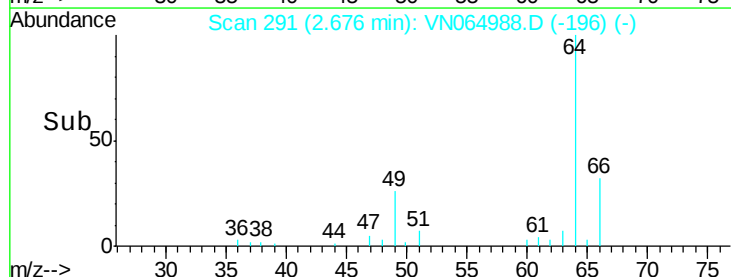
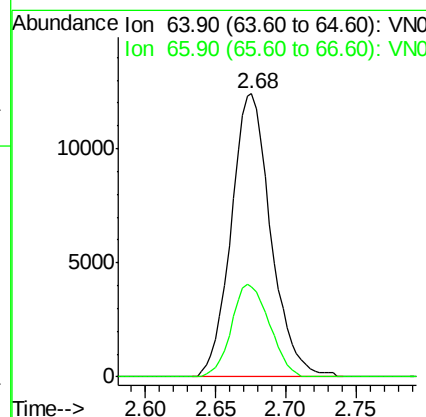
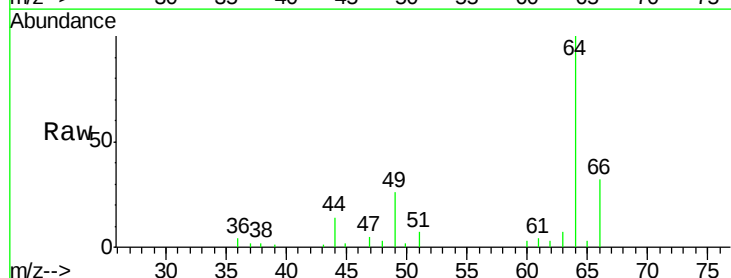
Acq: 8 Dec 2020 23:50

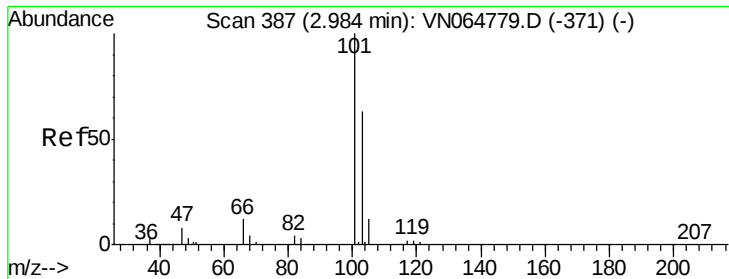
Tgt Ion: 64 Resp: 24385

Ion Ratio Lower Upper

64 100

66 31.9 25.6 38.4





#7

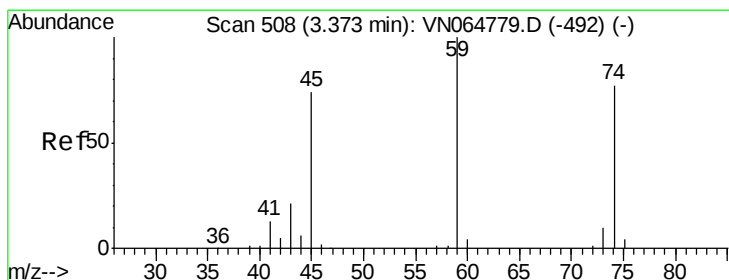
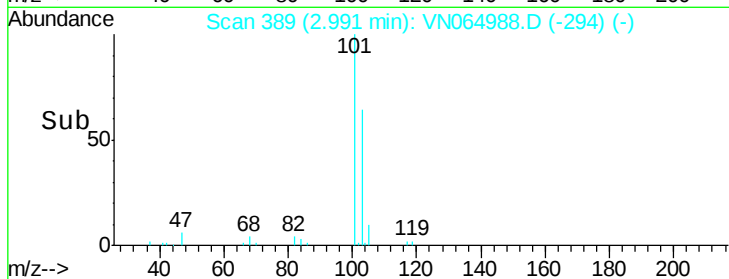
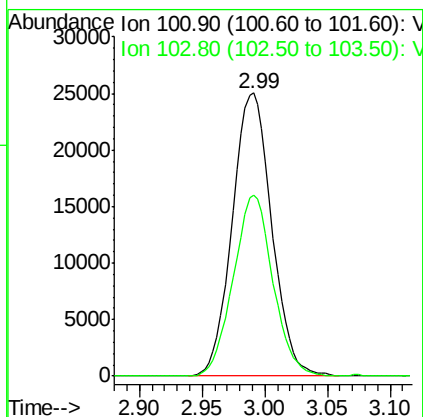
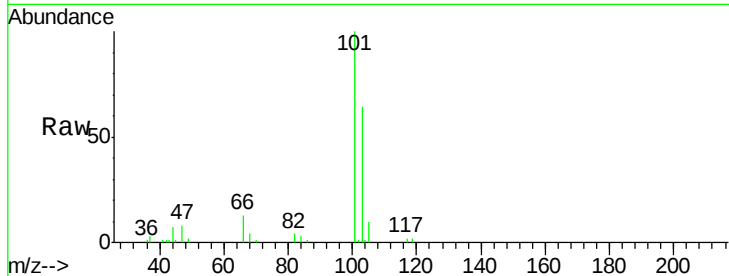
Trichlorofluoromethane
Concen: 17.647 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.01 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
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ClientSampleId :
VN1208WBSD02

Tot Ion:101 Resp: 54793
Ion Ratio Lower Upper
101 100
103 64.1 50.5 75.7

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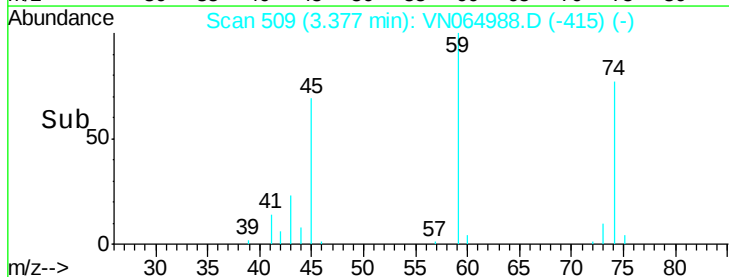
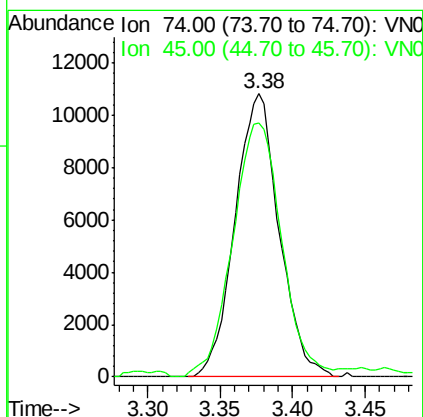
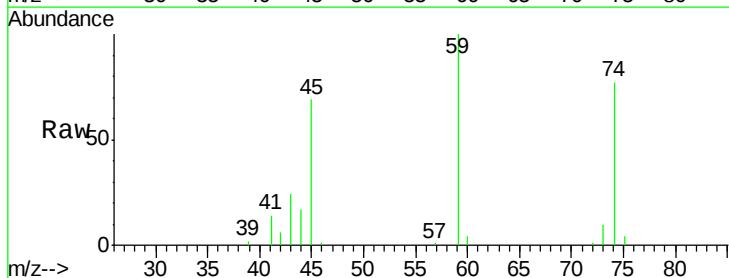
MMDadoda
12/10/2020 9:55:56 AM

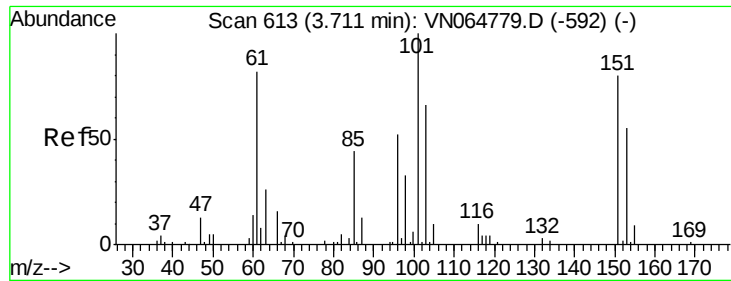


#8

Diethyl Ether
Concen: 18.652 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 74 Resp: 22860
Ion Ratio Lower Upper
74 100
45 99.6 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.793 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

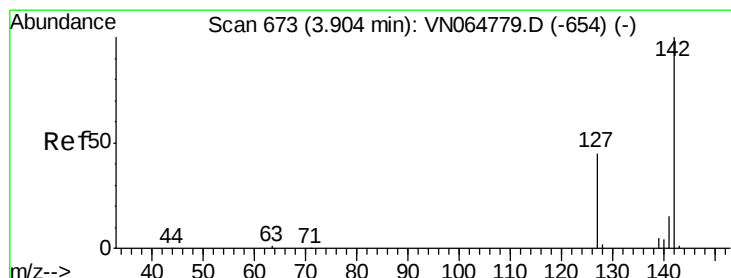
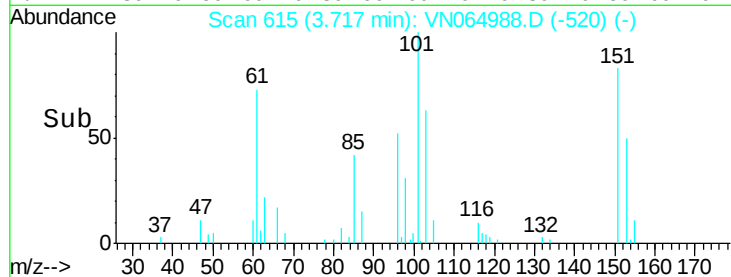
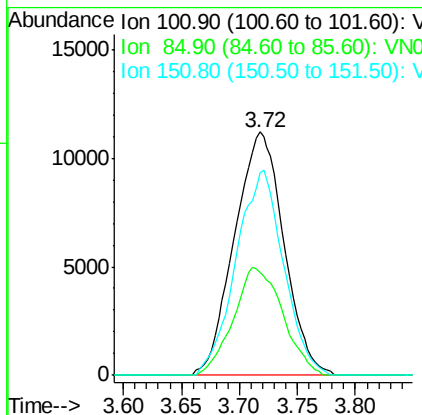
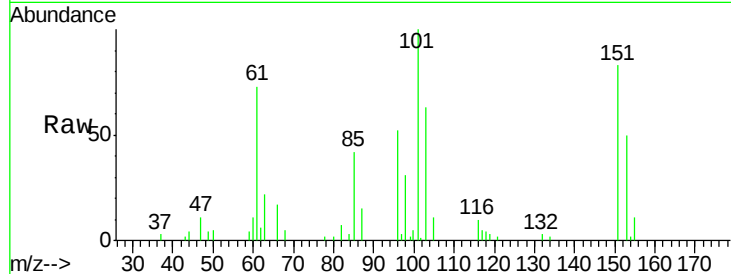
ClientSampleId :

VN1208WBSD02

Tot Ion:	101	Resp:	33143
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.4	51.6
151	81.2	64.0	96.0

Manual Integrations
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#10

Methyl Iodide

Concen: 16.542 ug/l

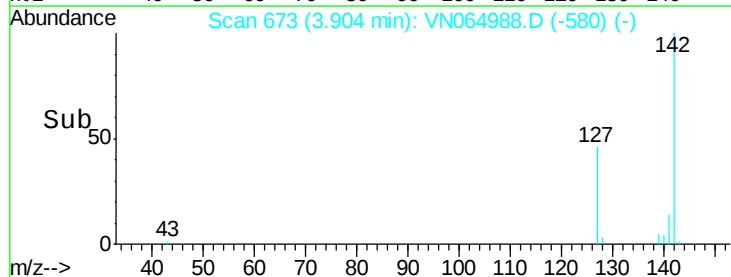
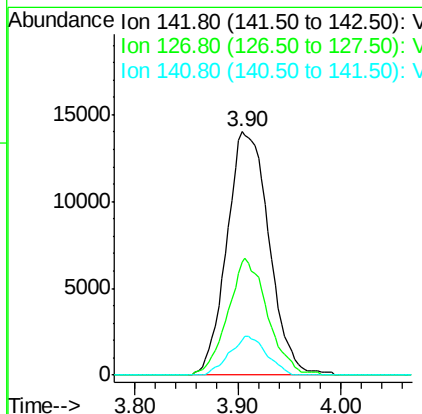
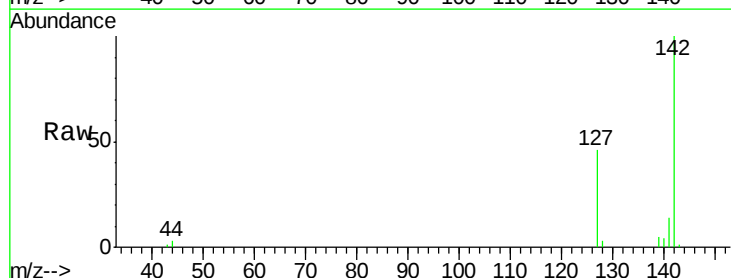
RT: 3.90 min Scan# 673

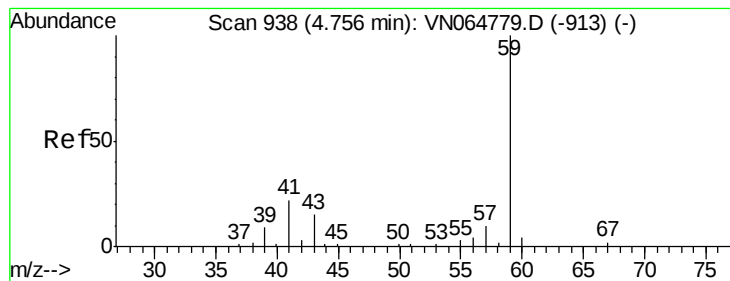
Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Tgt Ion:	142	Resp:	39965
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.0	52.6
141	13.9	11.8	17.6





#11

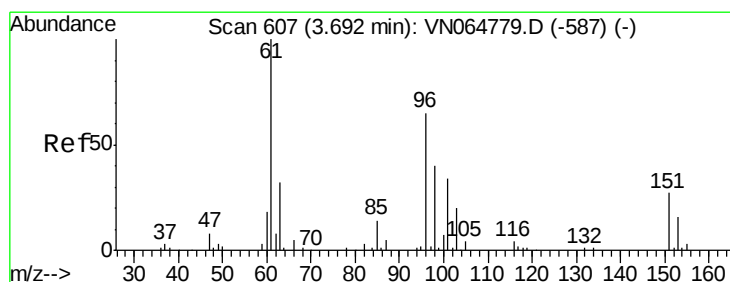
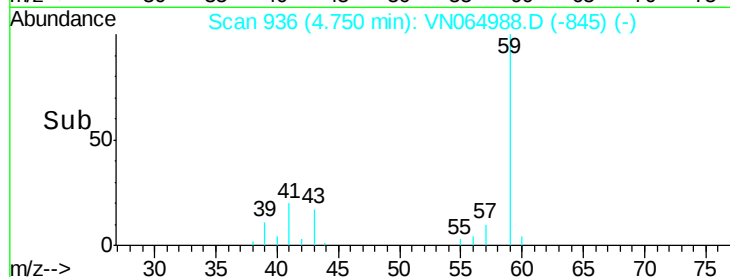
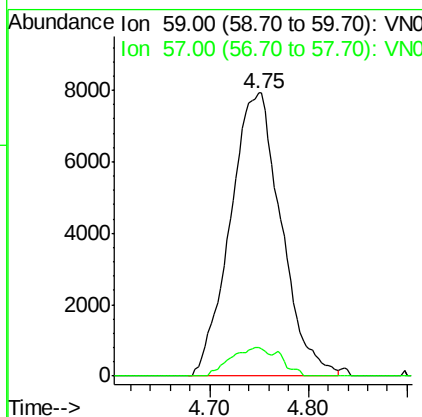
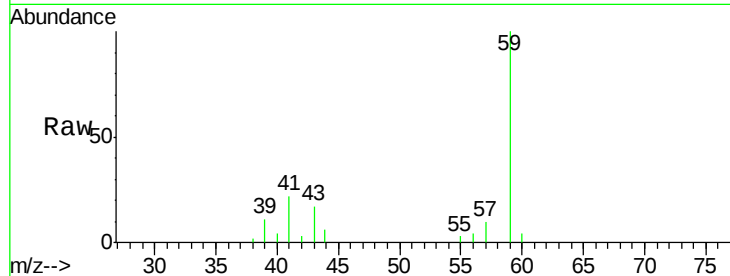
Tert butyl alcohol
Concen: 81.897 ug/l
RT: 4.75 min Scan# 936
Delta R.T. -0.01 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion: 59 Resp: 28405
Ion Ratio Lower Upper
59 100
57 7.5 7.9 11.9#

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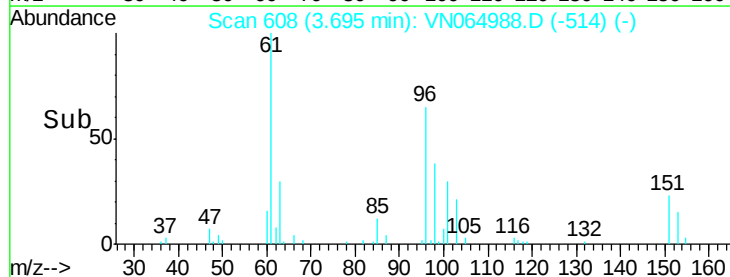
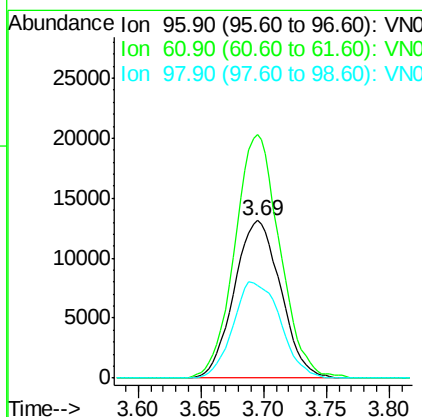
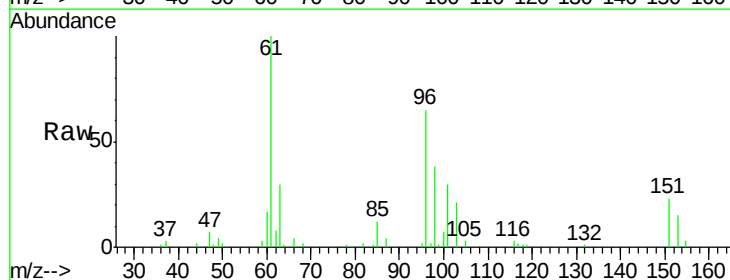
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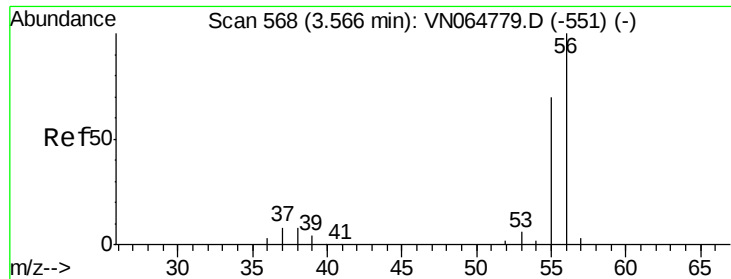


#12

1,1-Dichloroethene
Concen: 18.214 ug/l
RT: 3.69 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 96 Resp: 33788
Ion Ratio Lower Upper
96 100
61 154.7 123.4 185.2
98 58.9 49.8 74.8





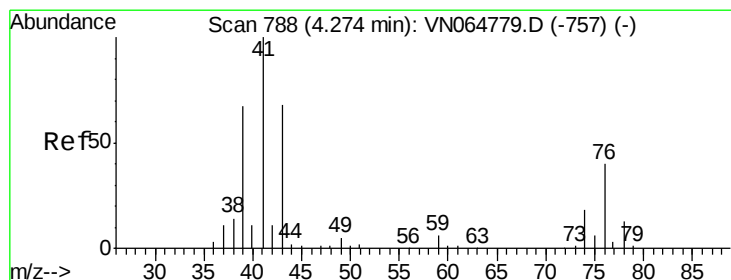
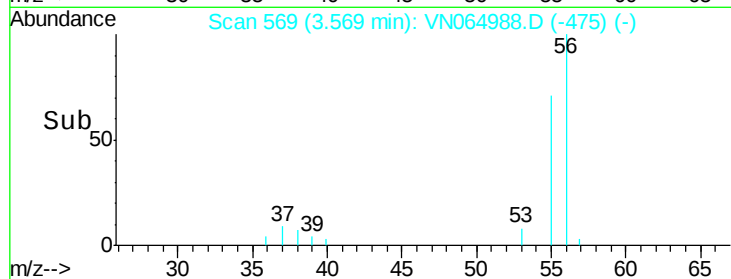
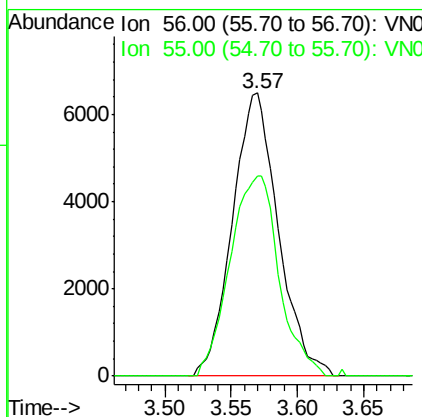
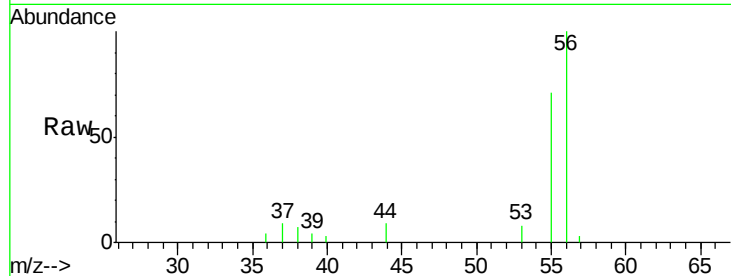
#13
Acrolein
Concen: 73.782 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion: 56 Resp: 15631
Ion Ratio Lower Upper
56 100
55 75.2 56.5 84.7

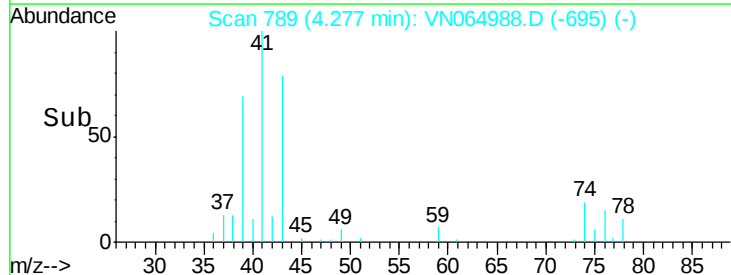
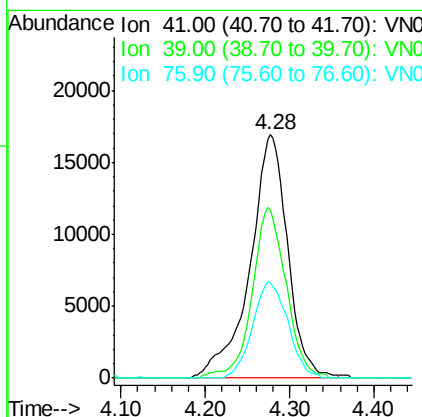
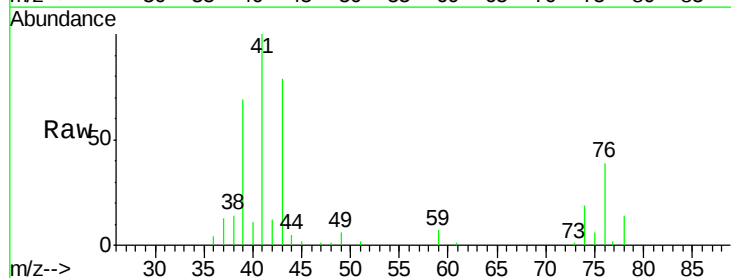
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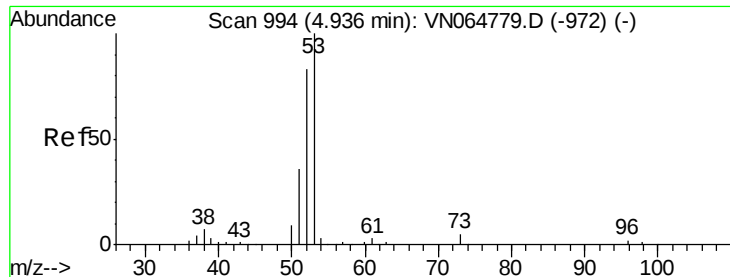
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#14
Allyl chloride
Concen: 17.155 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 41 Resp: 52487
Ion Ratio Lower Upper
41 100
39 63.0 50.9 76.3
76 36.9 29.0 43.4





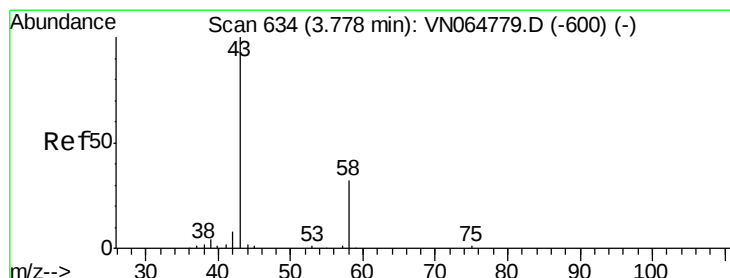
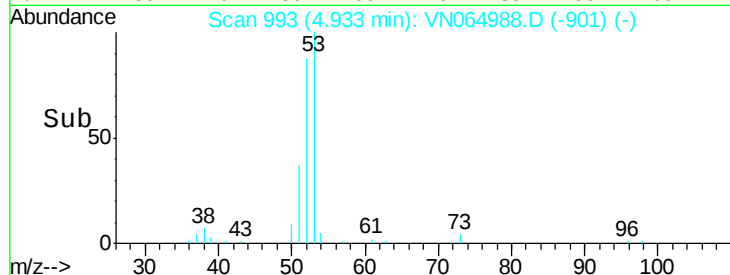
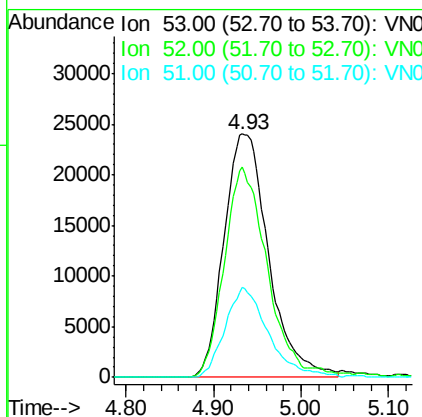
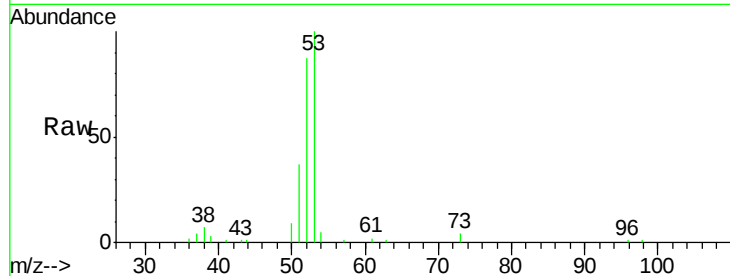
#15
 Acrylonitrile
 Concen: 88.683 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.5	98.3
51	35.8	28.6	43.0

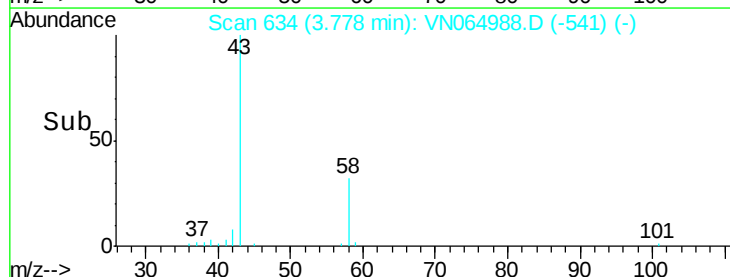
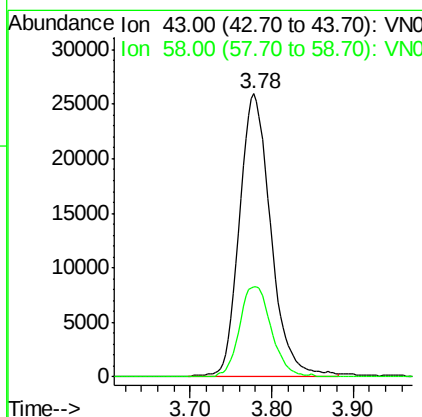
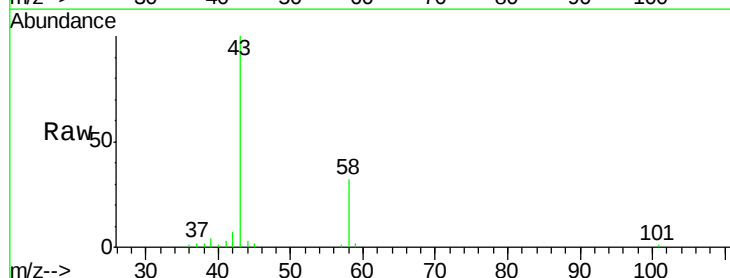
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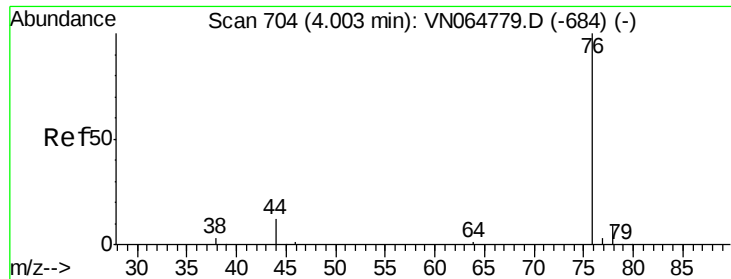
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#16
 Acetone
 Concen: 94.784 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.7	38.5





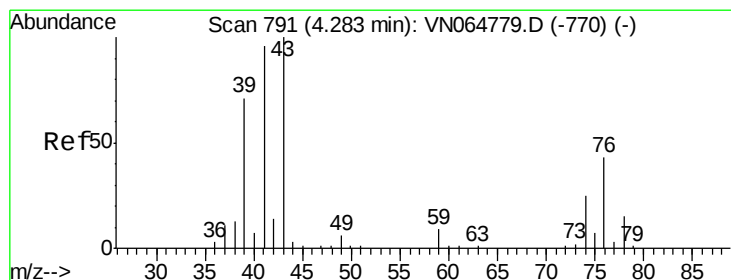
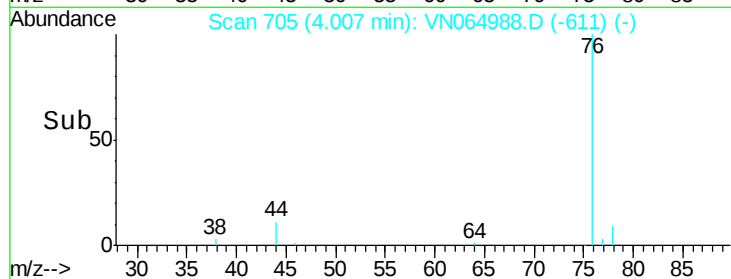
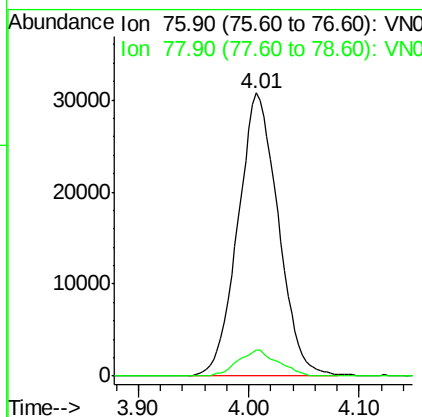
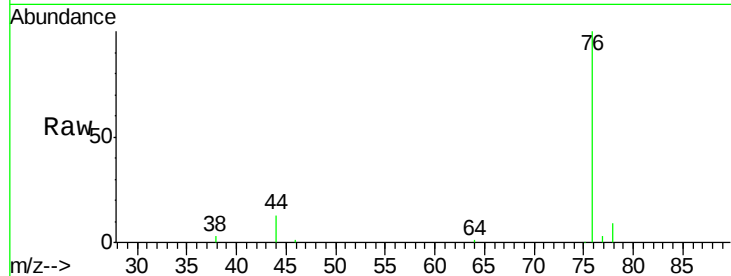
#17
Carbon Disulfide
Concen: 16.286 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion: 76 Resp: 77986
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

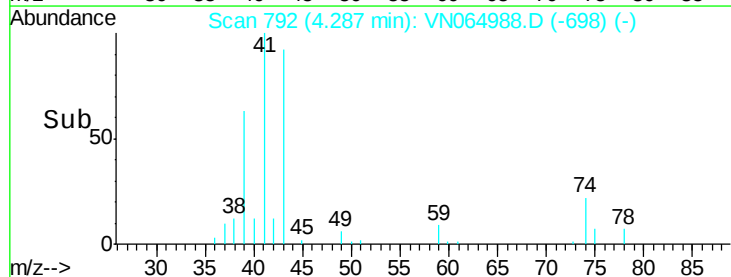
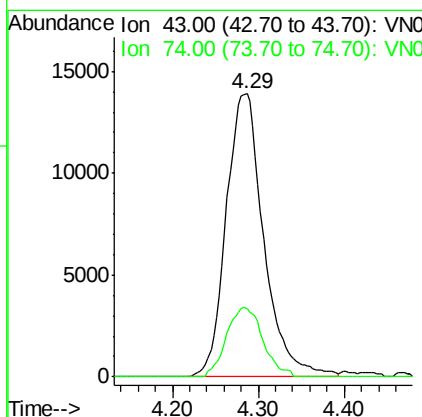
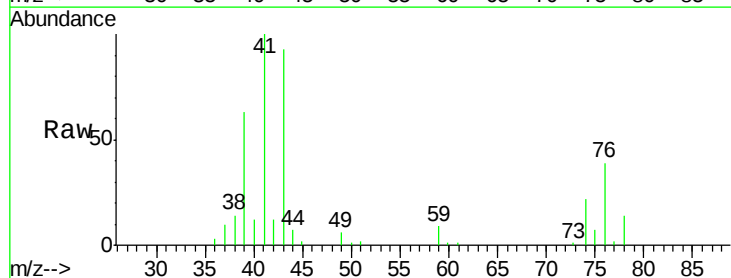
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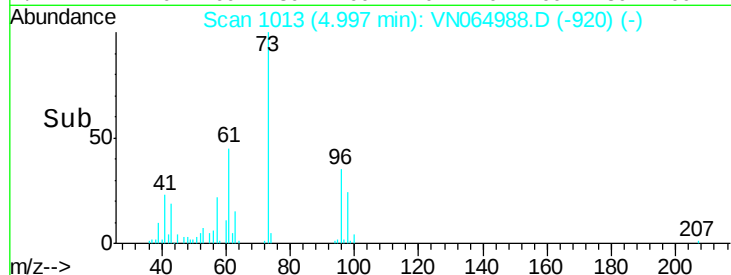
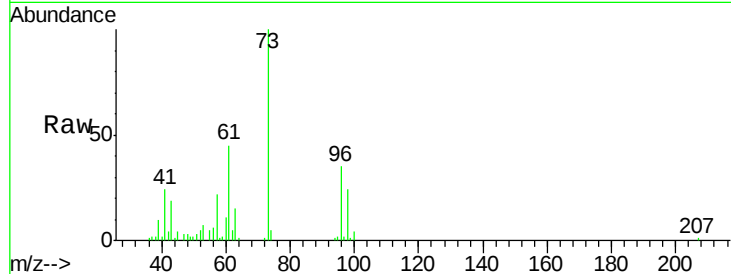
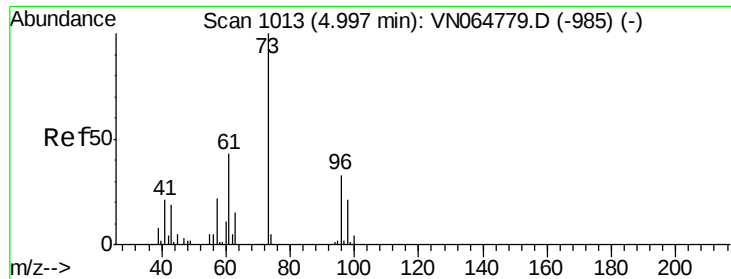
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#18
Methyl Acetate
Concen: 19.217 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 43 Resp: 42241
Ion Ratio Lower Upper
43 100
74 23.6 20.2 30.2





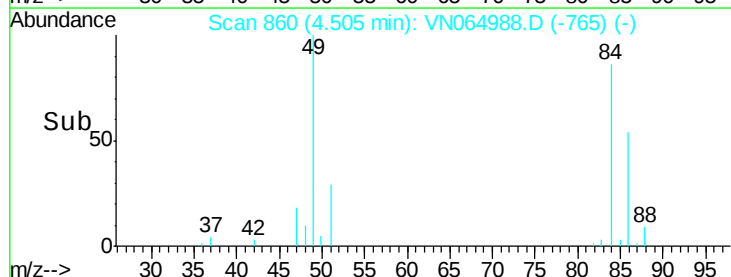
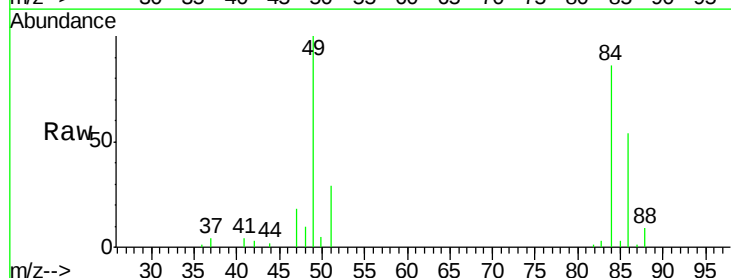
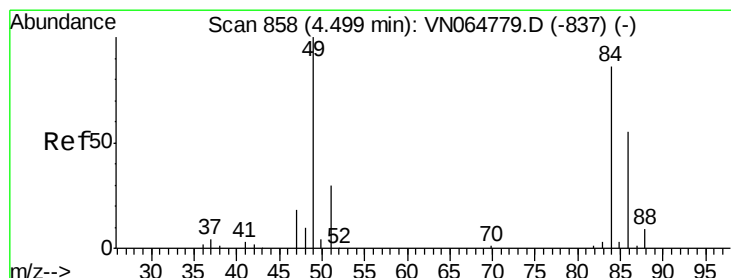
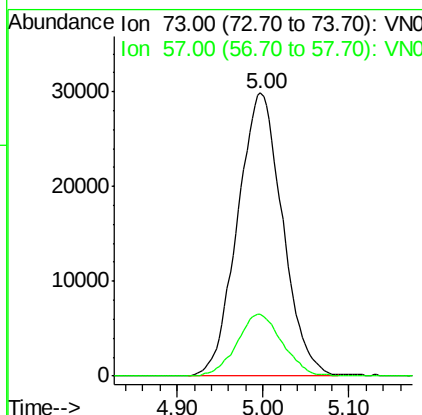
#19
Methvl tert-butvl Ether
Concen: 18.246 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tot Ion: 73 Resp: 108555
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

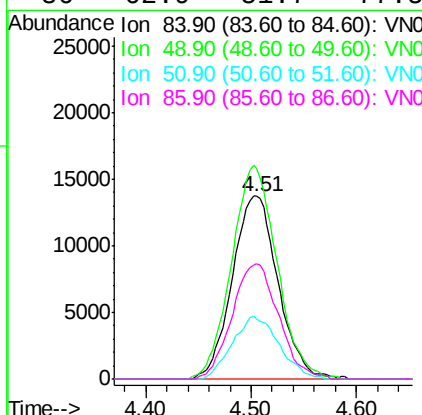
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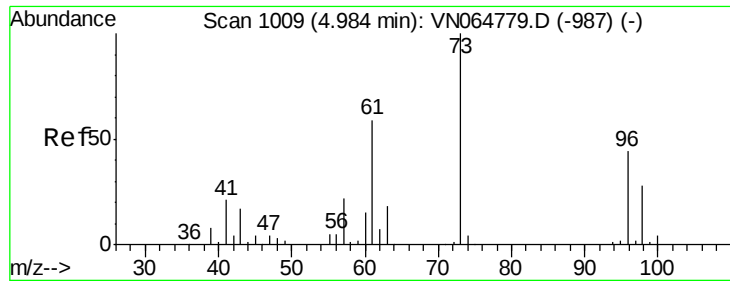
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#20
Methylene Chloride
Concen: 18.026 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 84 Resp: 41297
Ion Ratio Lower Upper
84 100
49 115.7 93.4 140.0
51 33.2 28.2 42.4
86 62.9 51.7 77.5





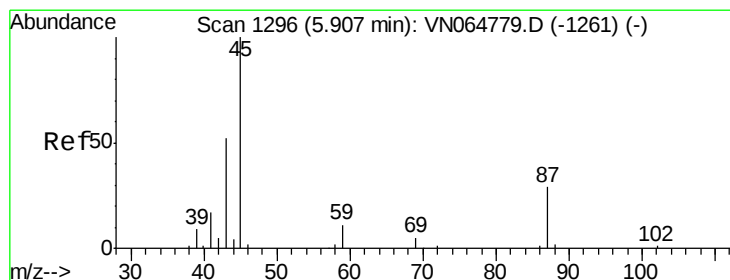
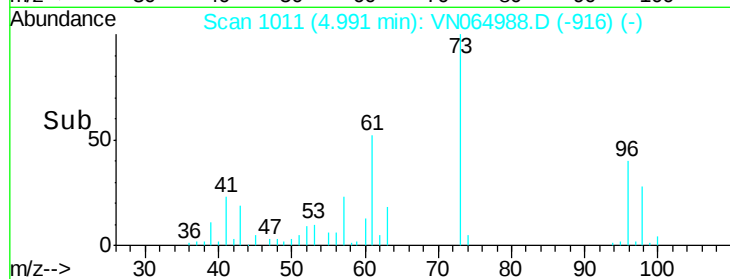
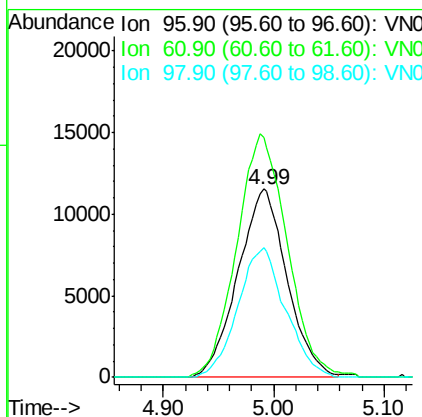
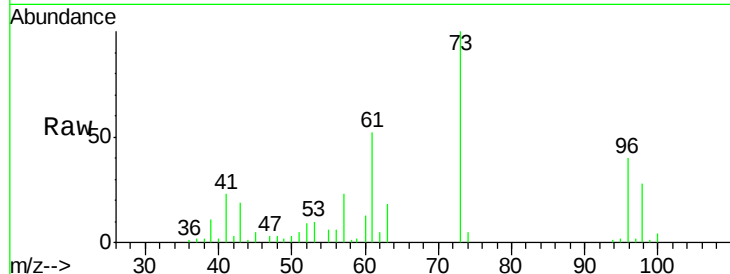
#21
trans-1,2-Dichloroethene
Concen: 17.251 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.5	108.4	162.6
98	68.6	51.3	76.9

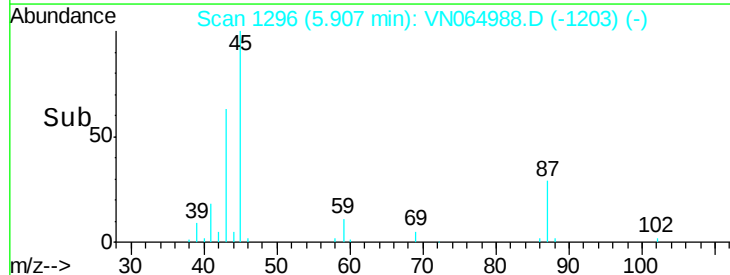
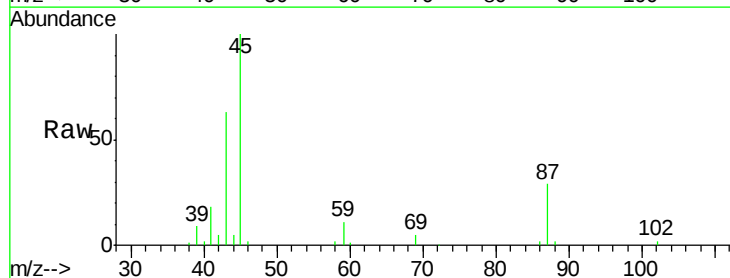
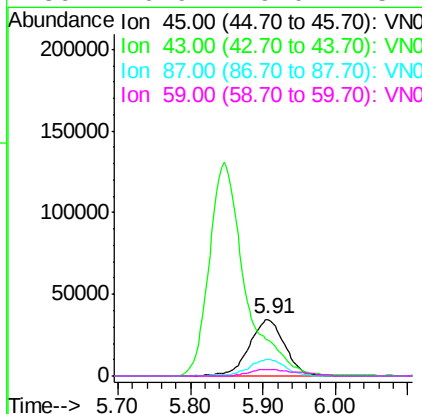
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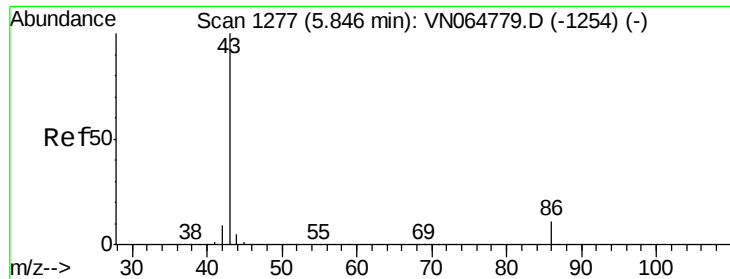
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#22
Diisopropyl ether
Concen: 19.160 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.1	46.2	69.2
87	29.1	24.1	36.1
59	10.9	9.0	13.4





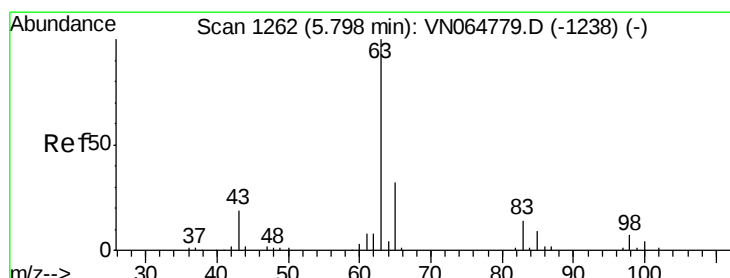
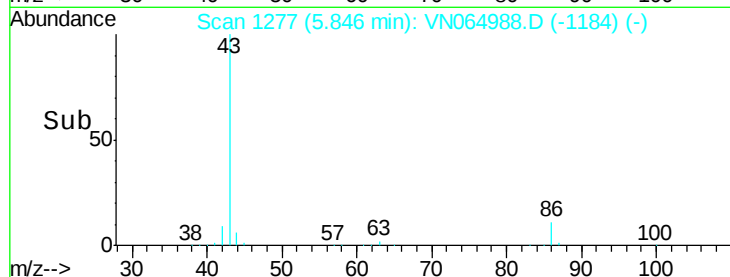
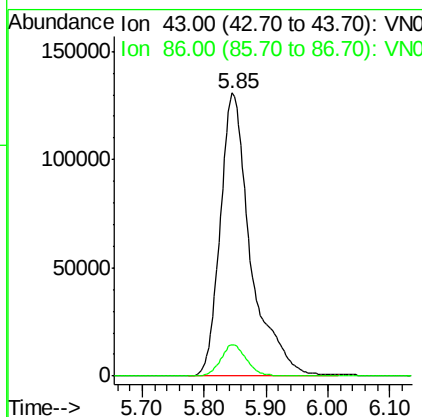
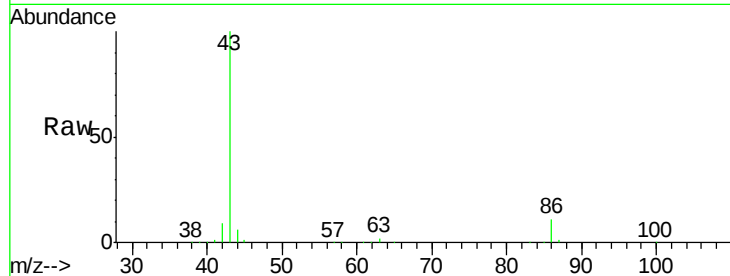
#23
 Vinyl Acetate
 Concen: 91.408 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tot Ion	43	Resp	447649
Ion Ratio	100	Lower	Upper
43	100		
86	11.1	8.9	13.3

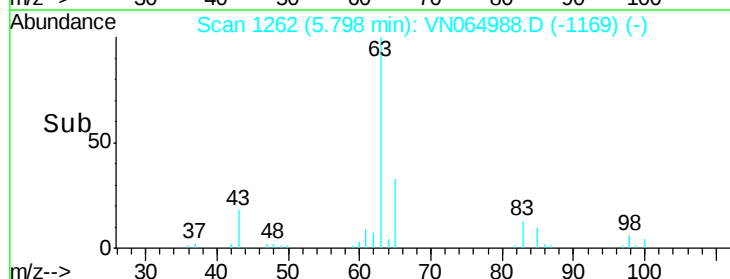
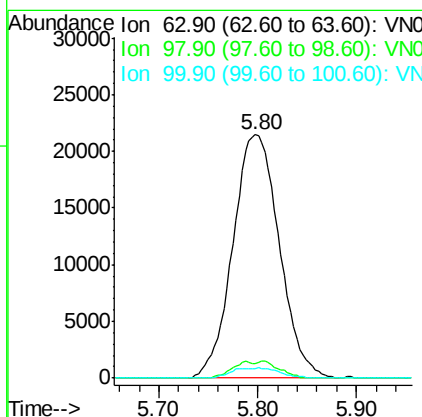
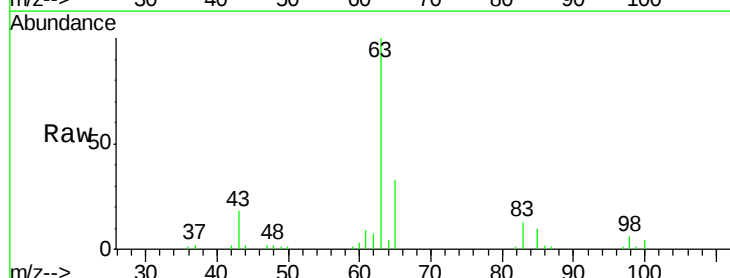
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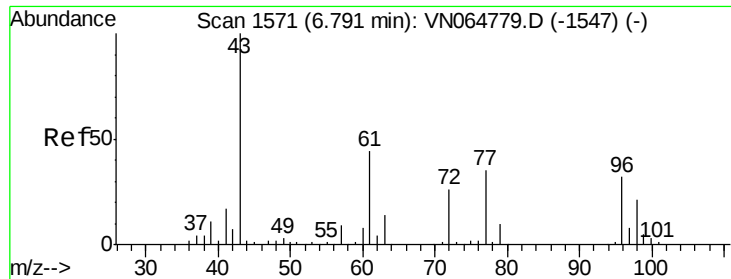
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#24
 1,1-Dichloroethane
 Concen: 19.088 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion	63	Resp	69861
Ion Ratio	100	Lower	Upper
63	100		
98	6.0	3.5	10.5
100	3.9	2.3	6.8





#25

2-Butanone

Concen: 88.887 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tot Ion: 43 Resp: 105343

Ion Ratio Lower Upper

43 100

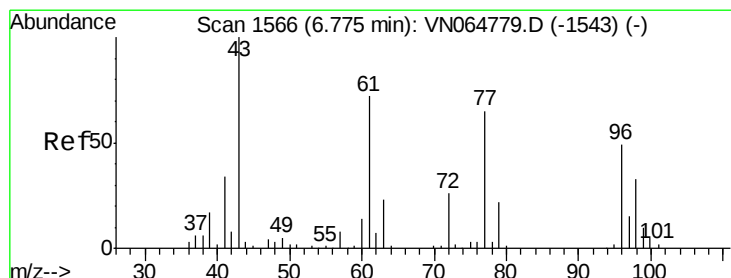
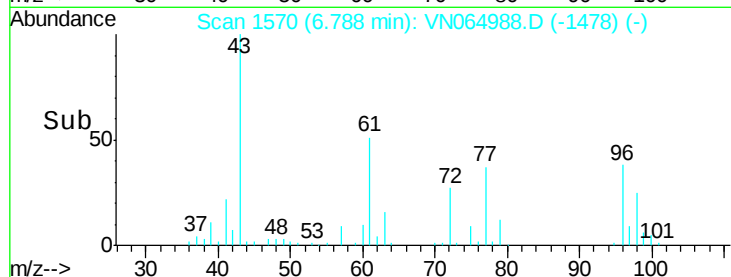
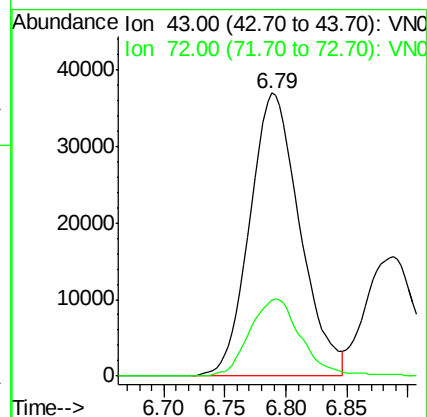
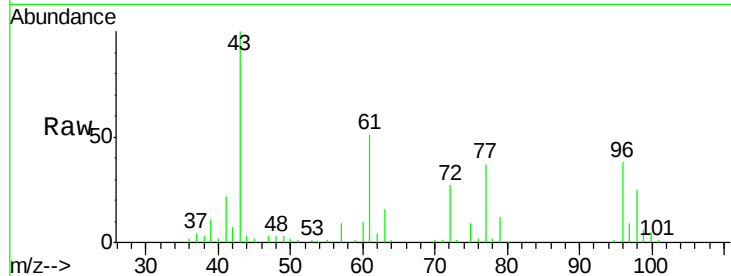
72 26.9 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 16.686 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064988.D

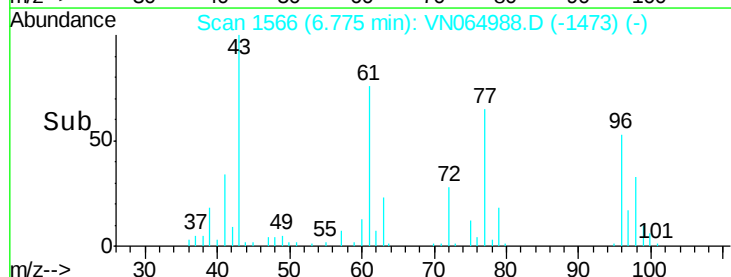
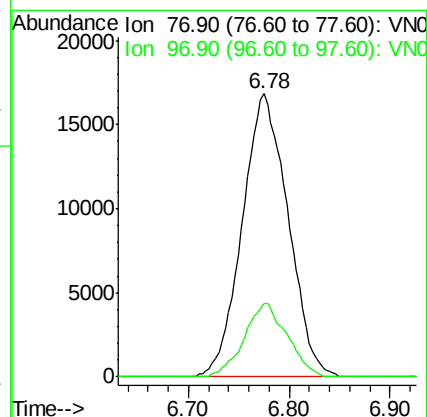
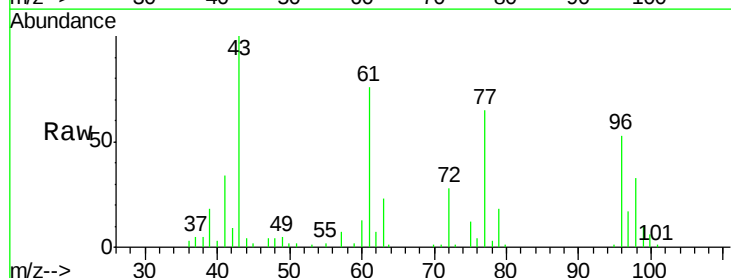
Acq: 8 Dec 2020 23:50

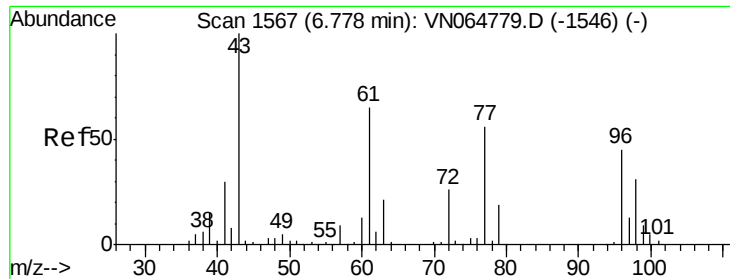
Tgt Ion: 77 Resp: 52966

Ion Ratio Lower Upper

77 100

97 24.3 11.7 35.0





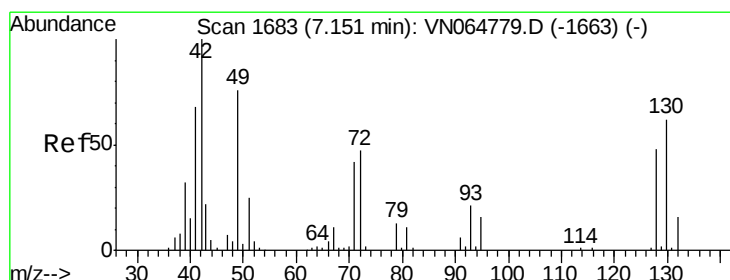
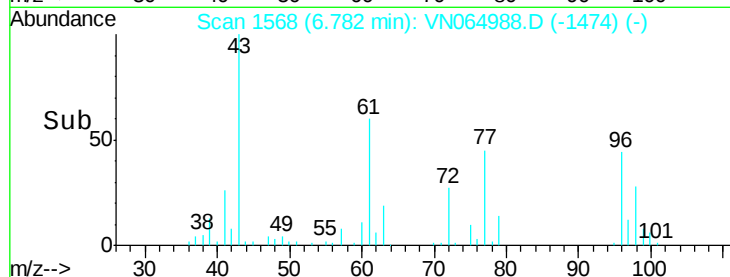
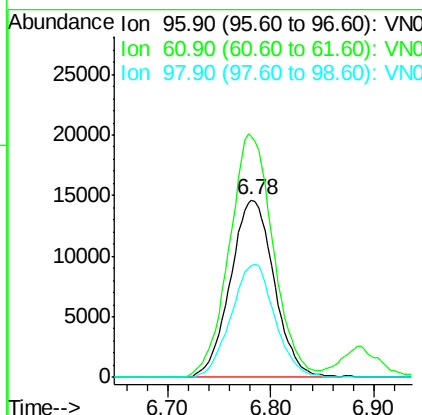
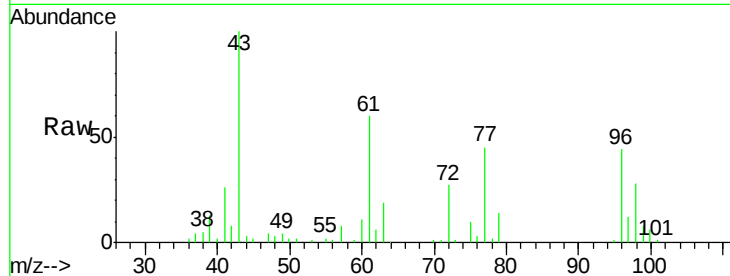
#27
 cis-1,2-Dichloroethene
 Concen: 18.641 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	285.8
98	63.4	0.0	130.6

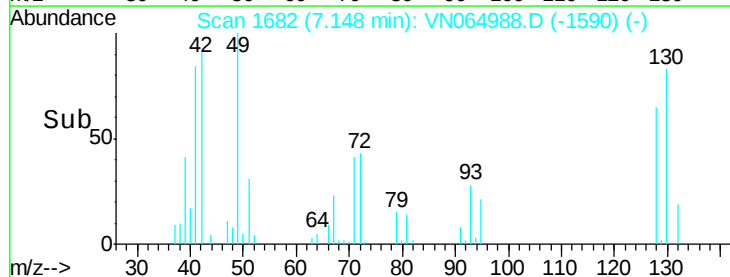
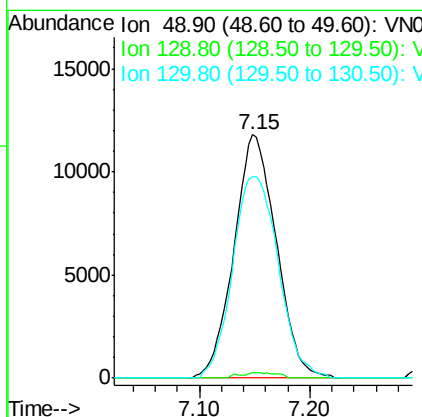
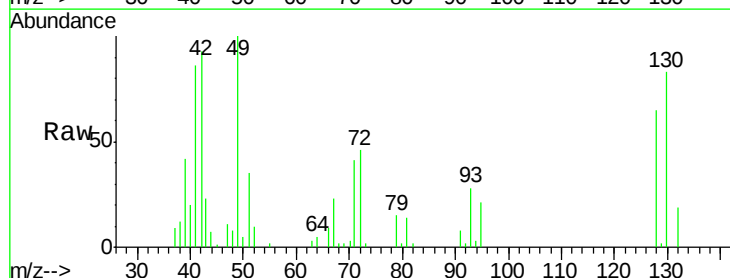
Manual Integrations
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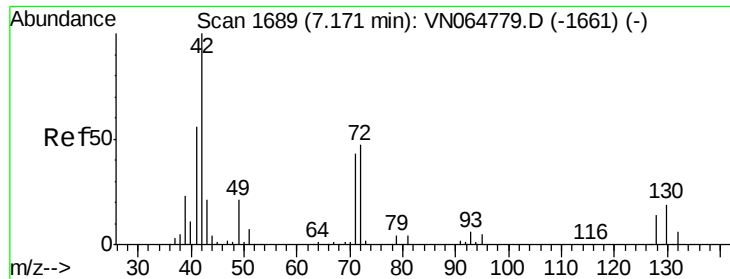
MMDadoda
 12/10/2020 9:55:56 AM



#28
 Bromochloromethane
 Concen: 18.746 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	3.8
130	89.3	66.2	99.2





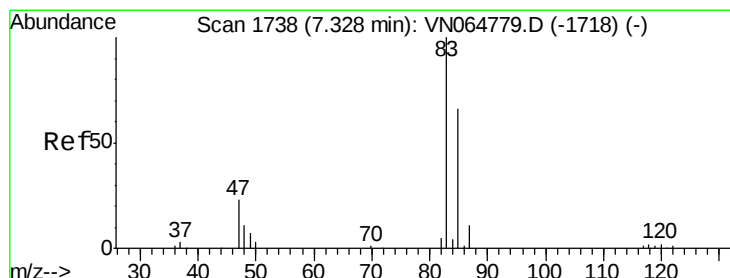
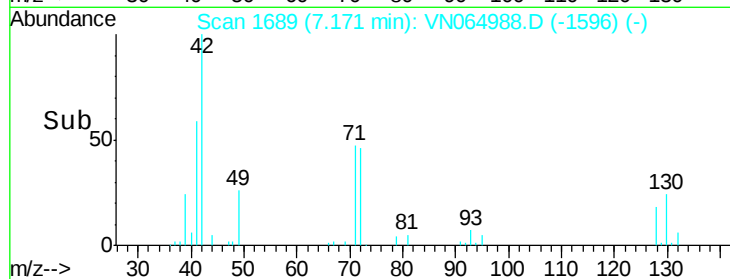
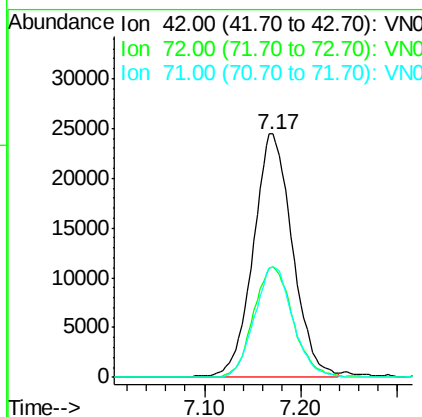
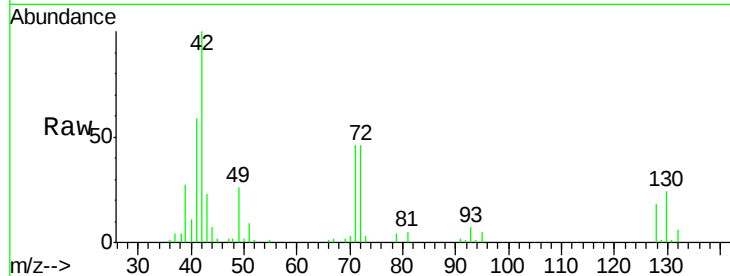
#29
Tetrahydrofuran
Concen: 84.227 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.6	54.8
71	44.3	33.6	50.4

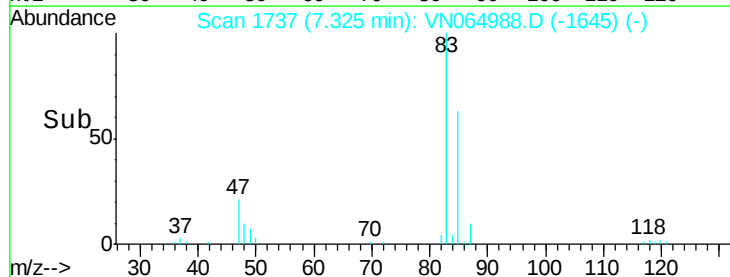
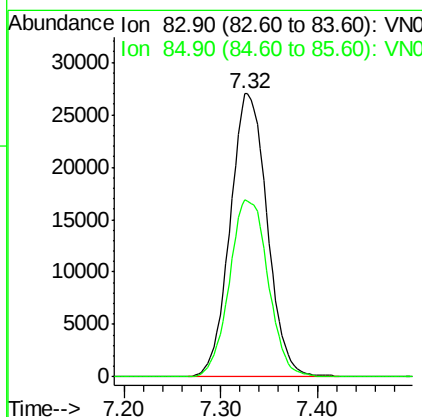
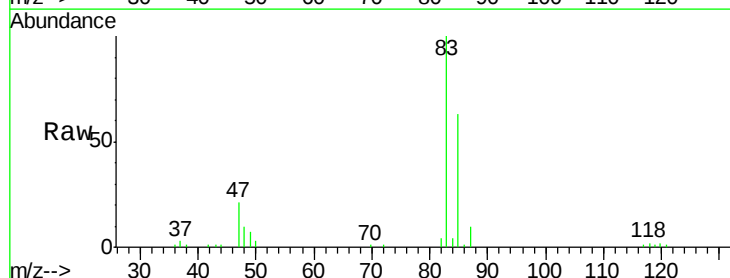
Manual Integrations
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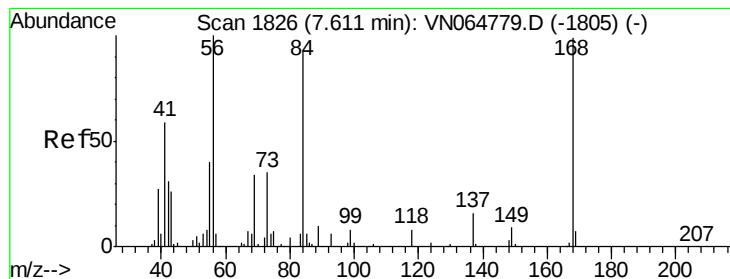
MMDadoda
12/10/2020 9:55:56 AM



#30
Chloroform
Concen: 19.035 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.6	78.8





#31

Cyclohexane

Concen: 16.224 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tot Ion: 56 Resp: 50290

Ion Ratio Lower Upper

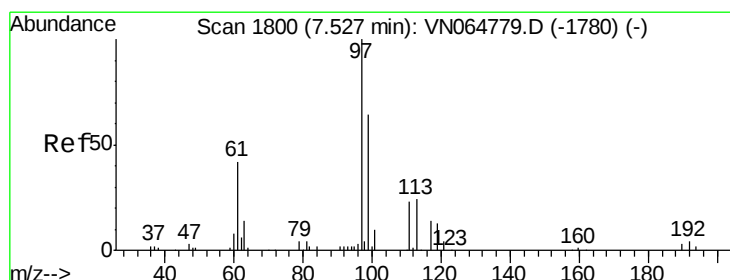
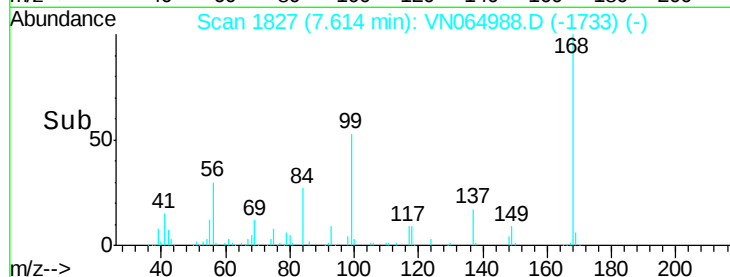
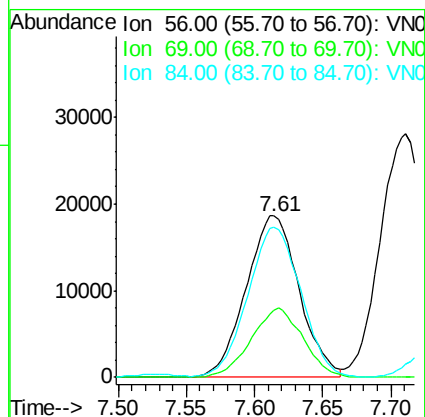
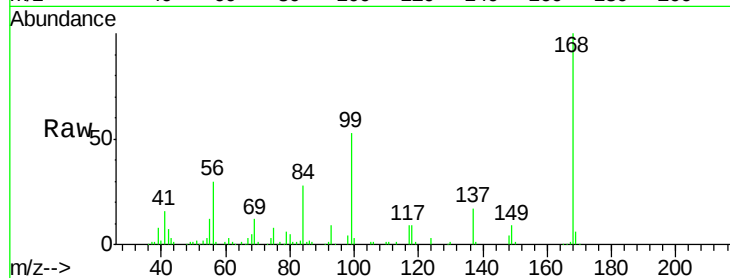
56 100

69 41.7 27.5 41.3#

84 93.4 73.9 110.9

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#32

1,1,1-Trichloroethane

Concen: 18.767 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

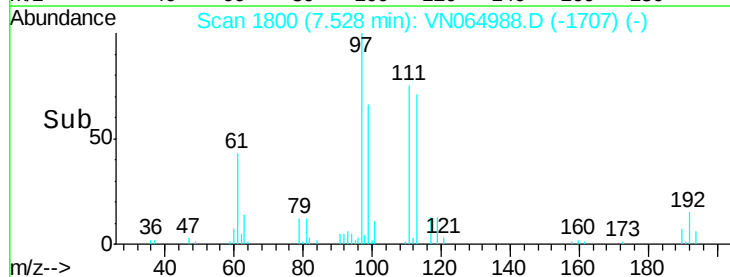
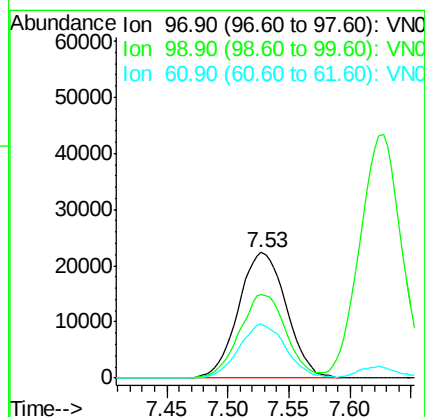
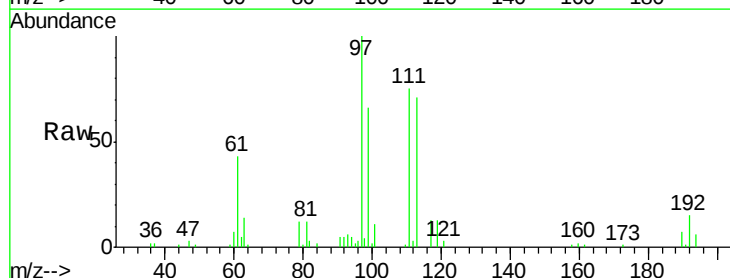
Tgt Ion: 97 Resp: 60836

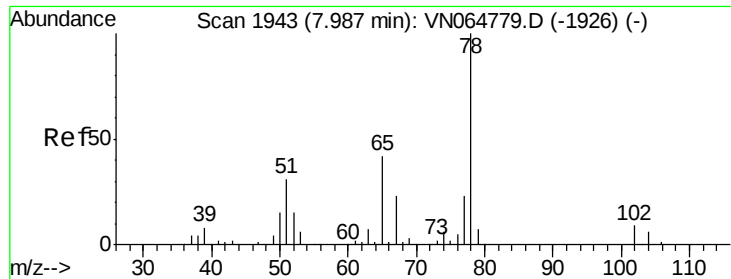
Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

61 42.2 33.9 50.9





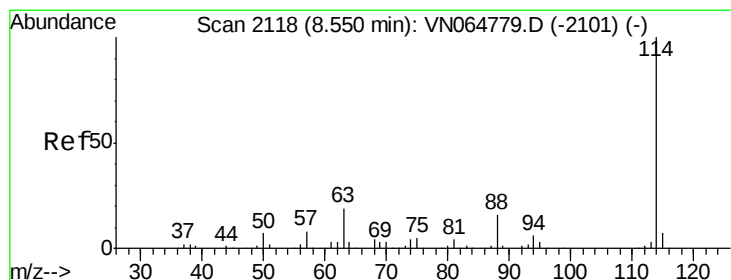
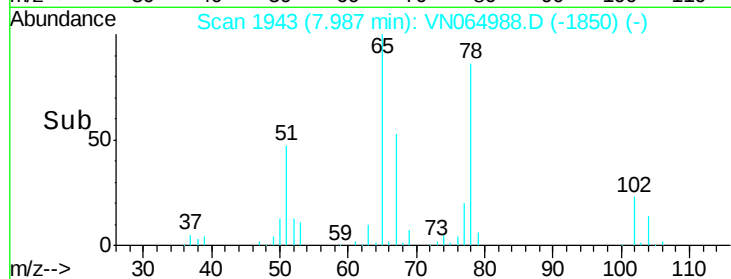
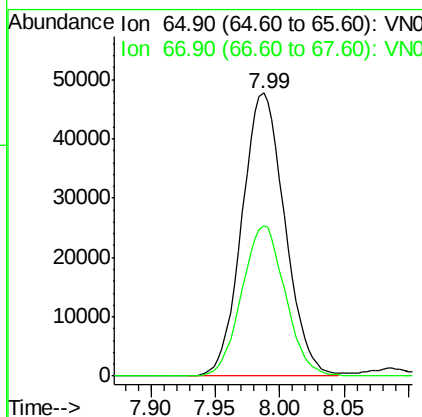
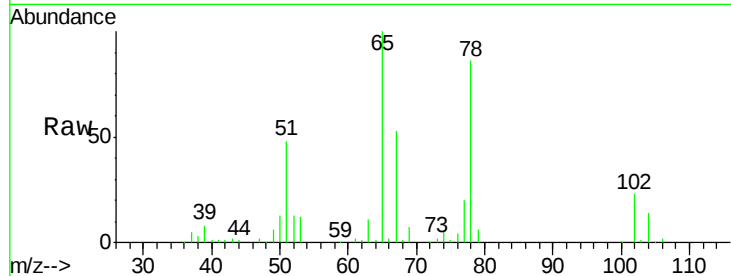
#33
 1,2-Dichloroethane-d4
 Concen: 49.823 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1208WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	110807		
67	53.6	0.0	108.2	

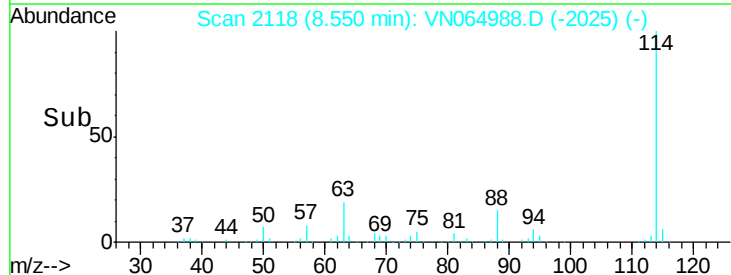
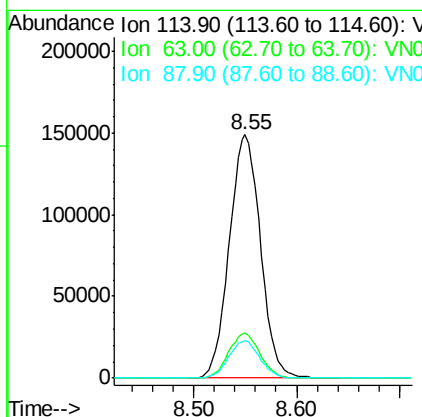
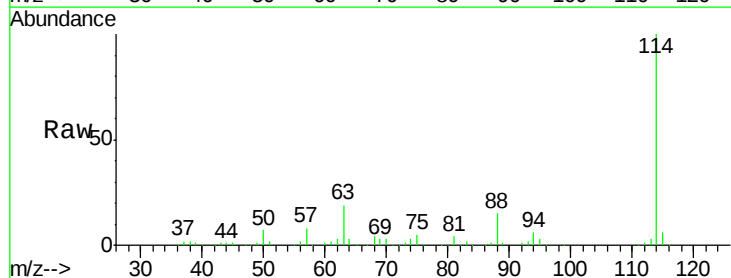
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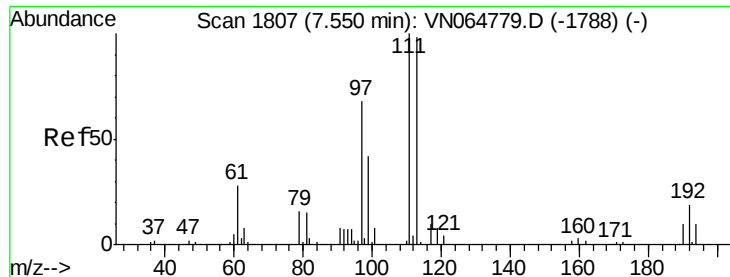
MMDadoda
 12/10/2020 9:55:56 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	313477		
63	18.5	0.0	38.6	
88	15.5	0.0	32.6	





#35

Dibromofluoromethane

Concen: 51.277 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

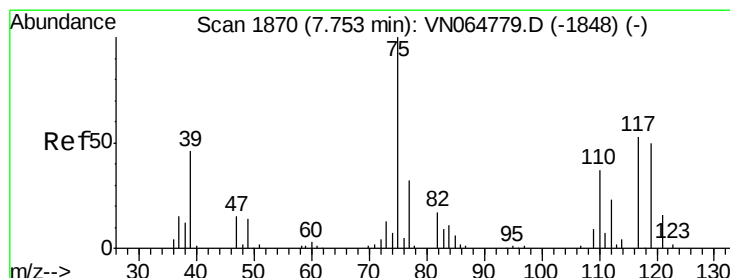
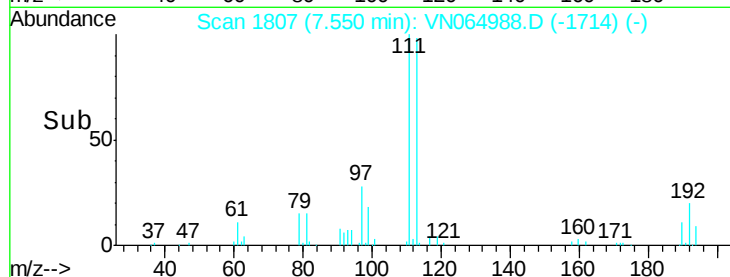
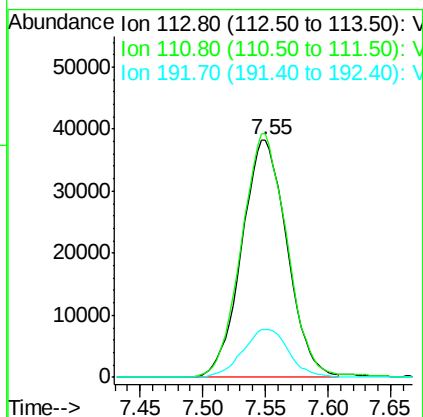
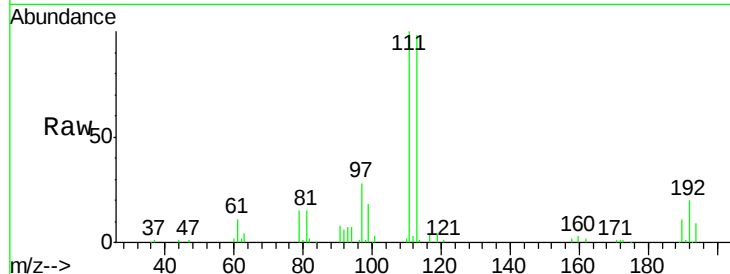
ClientSampleId :

VN1208WBSD02

Tot Ion:	113	Resp:	96183
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.6	122.4
192	20.5	16.2	24.2

Manual Integrations
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12/10/2020 9:55:56 AM



#36

1,1-Dichloropropene

Concen: 17.400 ug/l

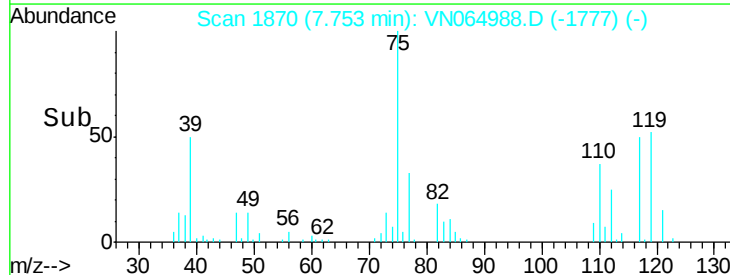
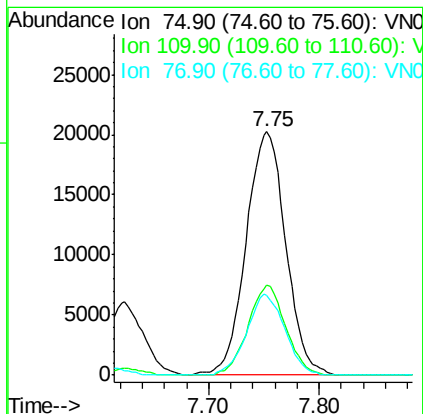
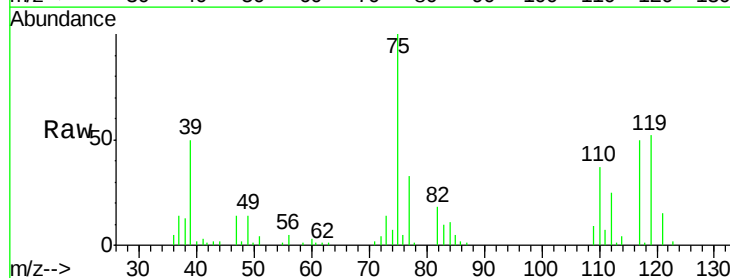
RT: 7.75 min Scan# 1870

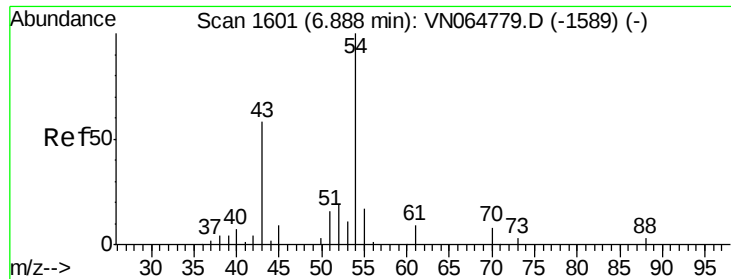
Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Tgt Ion:	75	Resp:	50558
Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.8	53.3
77	31.9	25.0	37.4





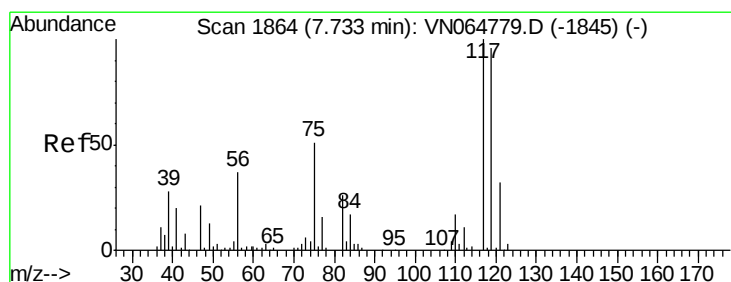
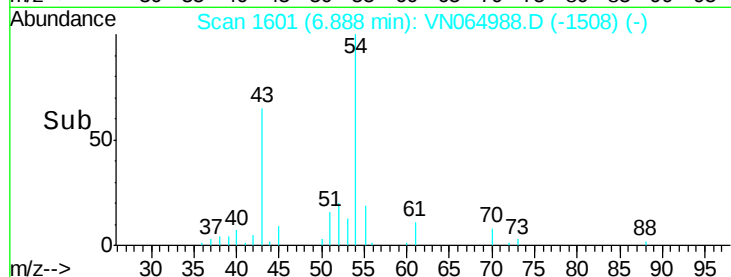
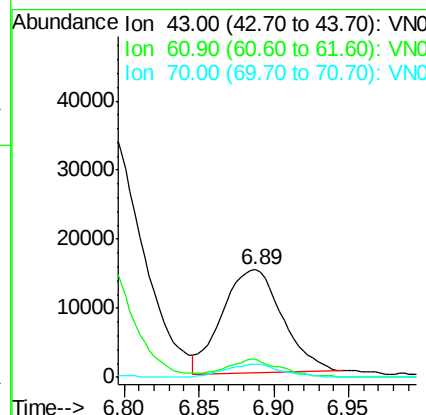
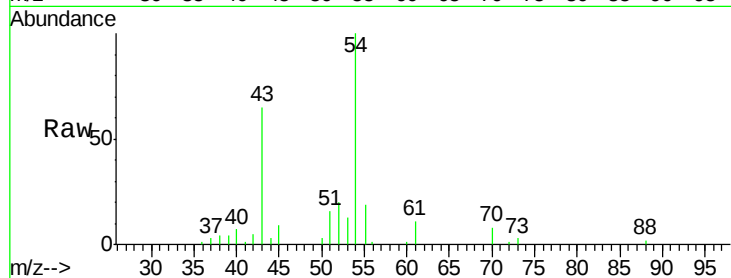
#37
Ethyl Acetate
Concen: 14.926 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	12.8	19.2
70	11.9	8.8	13.2

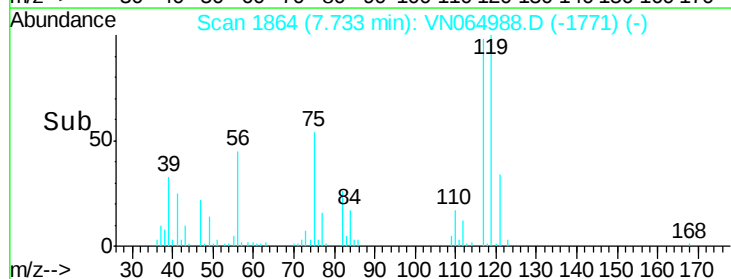
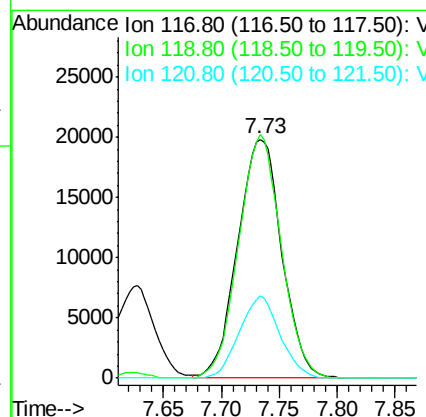
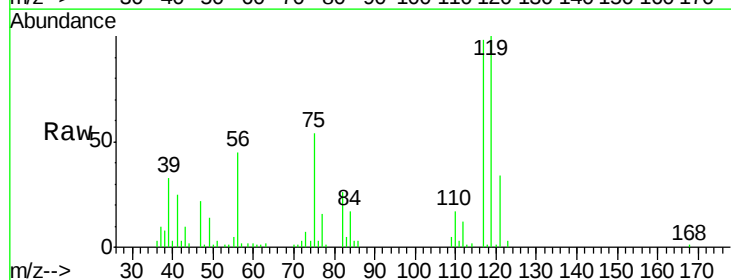
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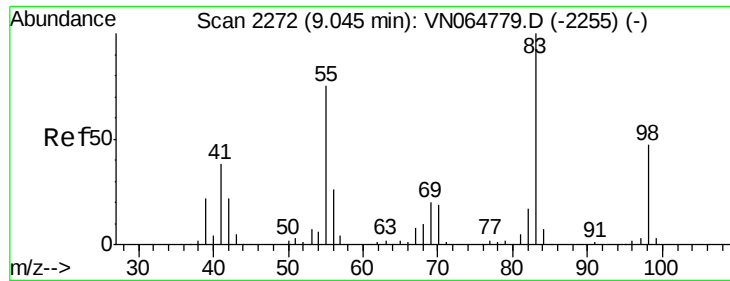
MMDadoda
12/10/2020 9:55:56 AM



#38
Carbon Tetrachloride
Concen: 17.348 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.9	76.7	115.1
121	34.5	25.4	38.2





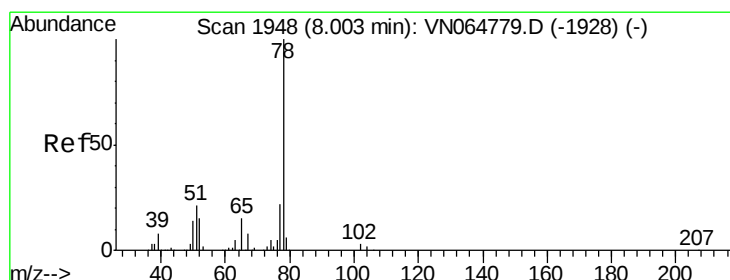
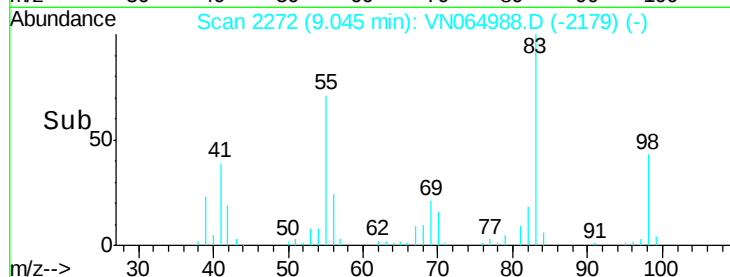
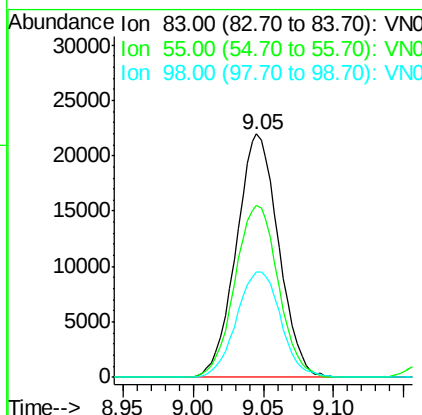
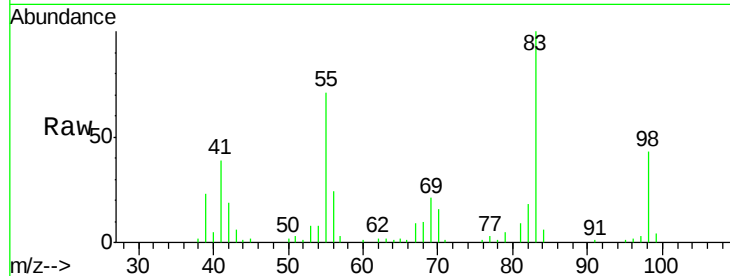
#39
Methvlcvclohexane
Concen: 14.728 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.6	60.2	90.2
98	43.2	37.4	56.2

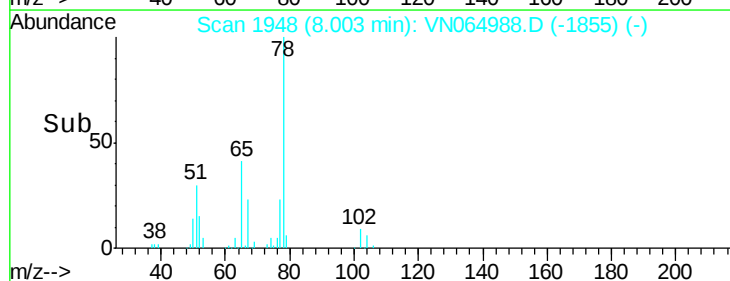
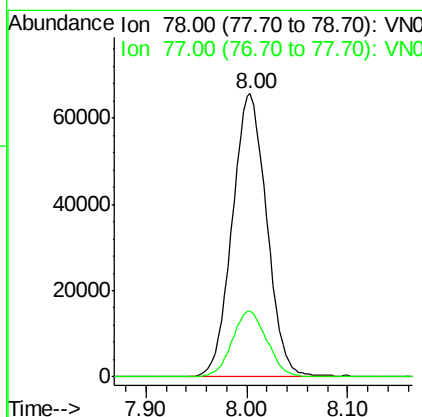
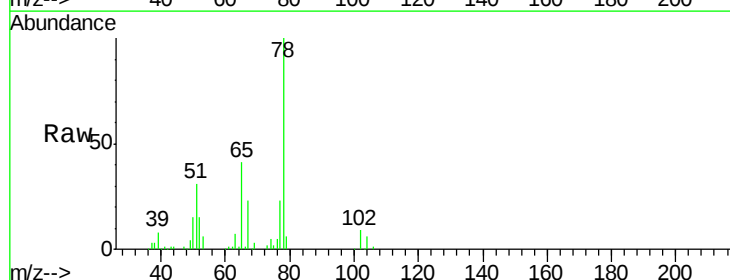
Manual Integrations
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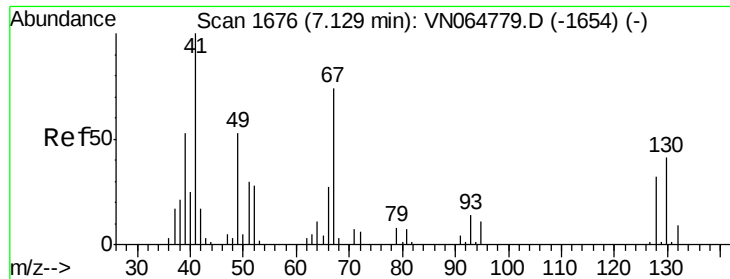
MMDadoda
12/10/2020 9:55:56 AM



#40
Benzene
Concen: 17.498 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	17.9	26.9





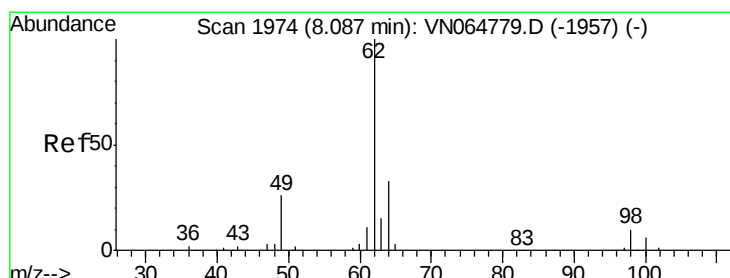
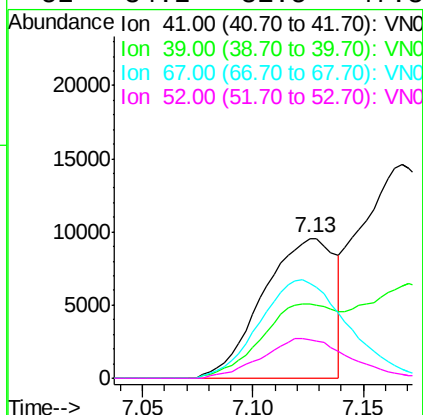
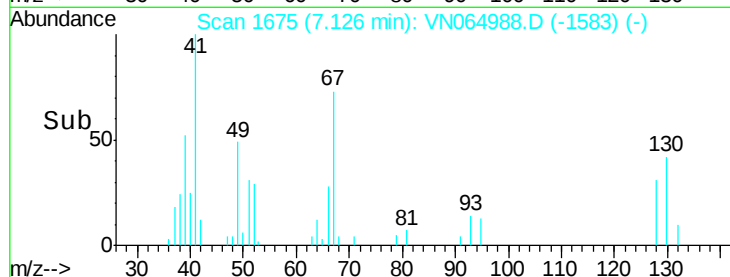
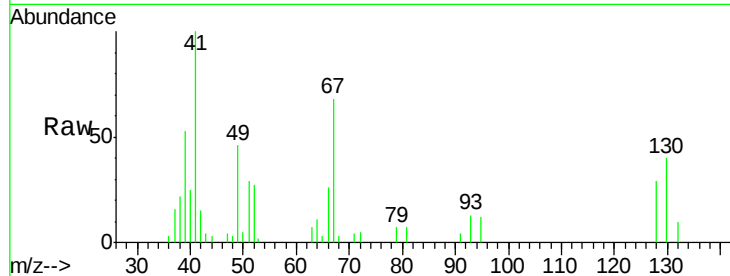
#41
Methacrylonitrile
Concen: 16.819 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
21721	41	100		
	39	57.6	51.0	76.6
	67	86.8	79.8	119.8
	52	34.2	31.5	47.3

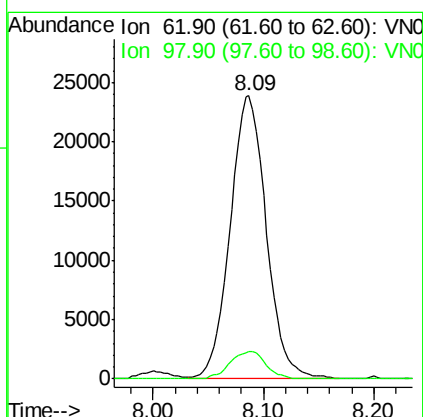
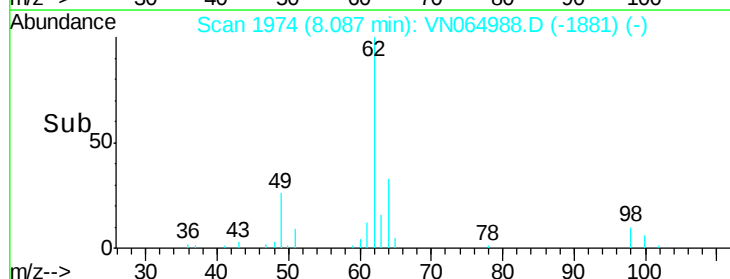
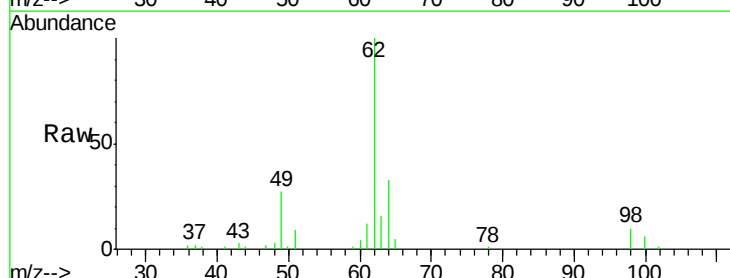
Manual Integrations
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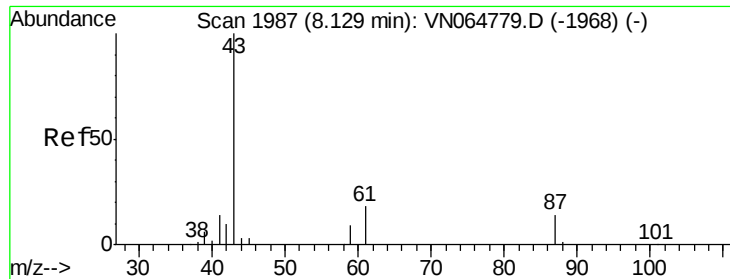
MMDadoda
12/10/2020 9:55:56 AM



#42
1,2-Dichloroethane
Concen: 18.058 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion	Ion	Ratio	Lower	Upper
54239	62	100		
	98	9.6	0.0	19.6





#43

Isopropyl Acetate

Concen: 17.398 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

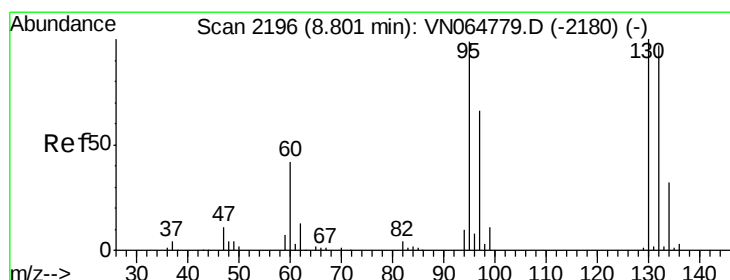
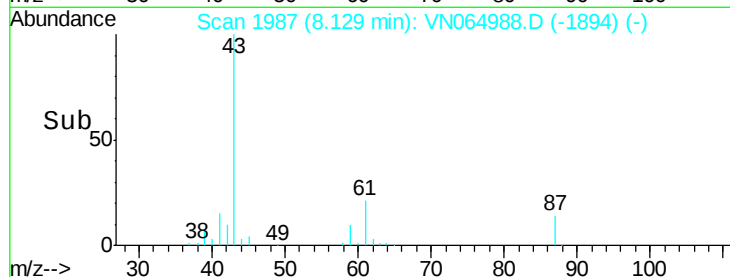
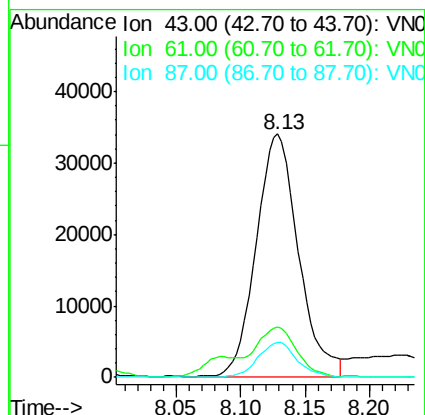
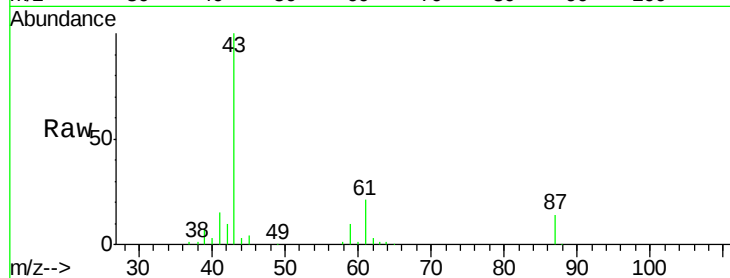
ClientSampleId :

VN1208WBSD02

Tot Ion:	43	Resp:	78357
Ion	Ratio	Lower	Upper
43	100		
61	19.1	17.2	25.8
87	13.1	11.4	17.0

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#44

Trichloroethene

Concen: 16.523 ug/l

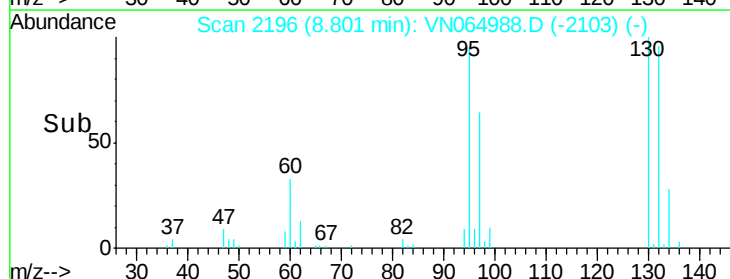
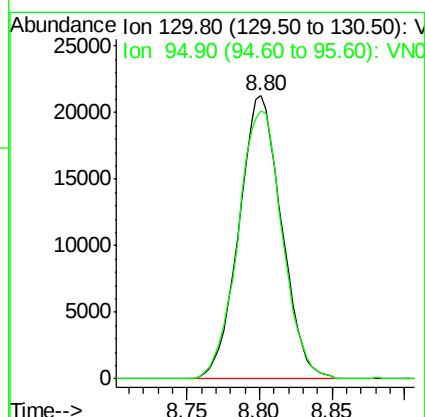
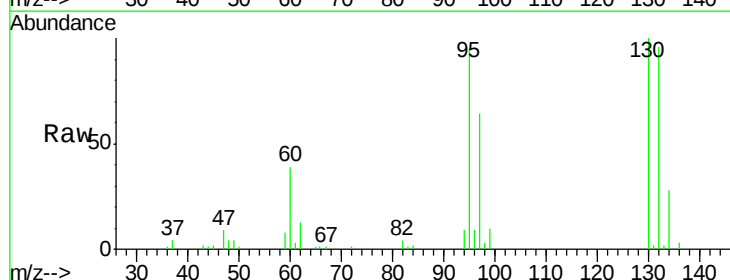
RT: 8.80 min Scan# 2196

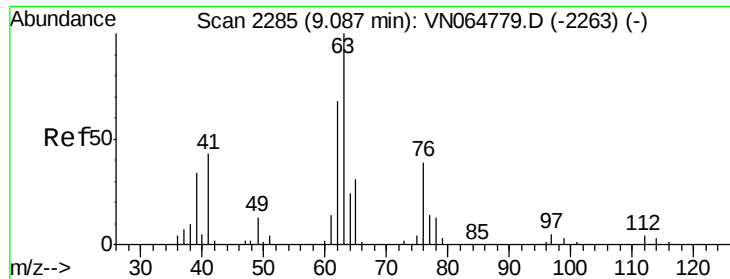
Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Tgt Ion:	130	Resp:	43408
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	197.8





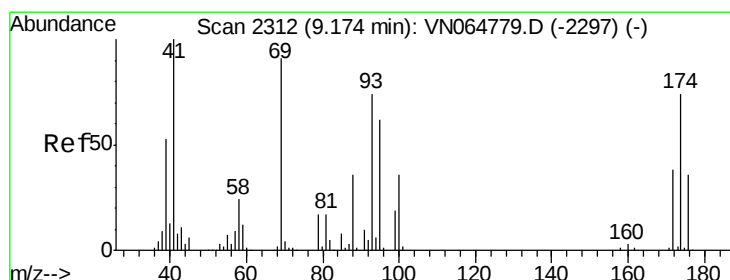
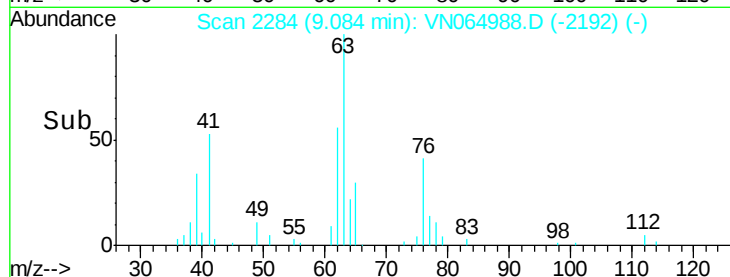
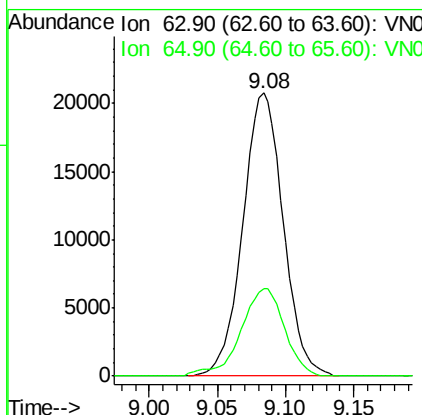
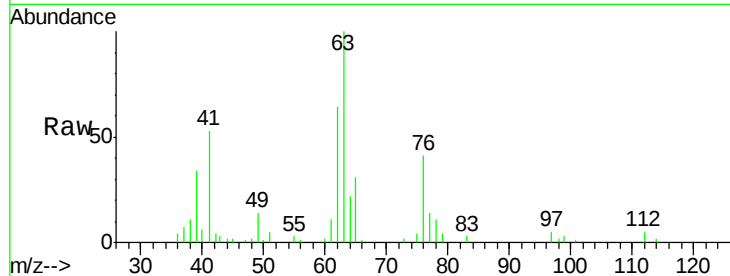
#45
 1,2-Dichloropropane
 Concen: 18.485 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tot Ion: 63 Resp: 42623
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.4

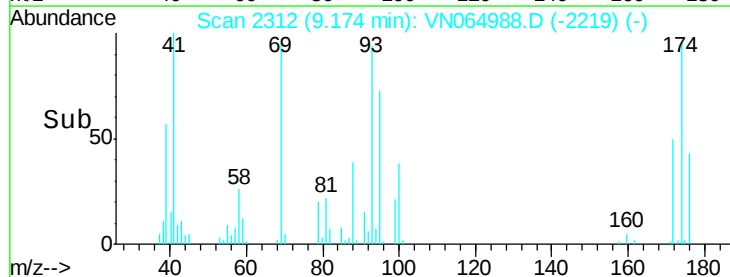
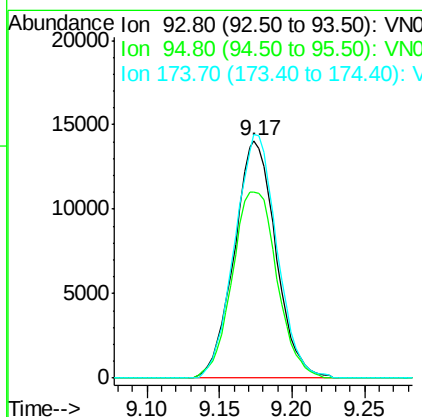
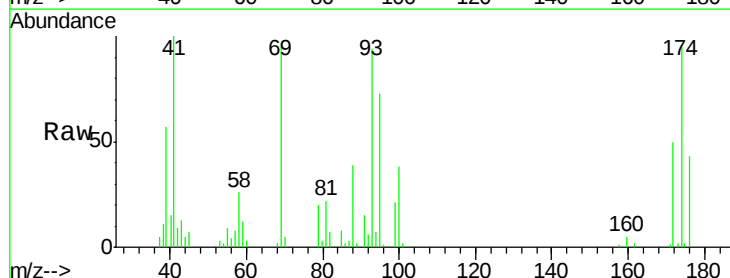
Manual Integrations
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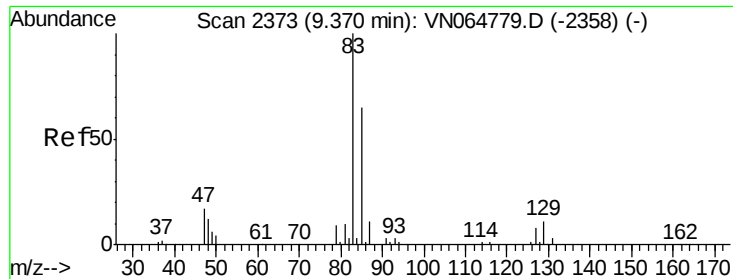
MMDadoda
 12/10/2020 9:55:56 AM



#46
 Dibromomethane
 Concen: 18.236 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion: 93 Resp: 28091
 Ion Ratio Lower Upper
 93 100
 95 84.1 68.8 103.2
 174 103.9 83.1 124.7





#47

Bromodichloromethane

Concen: 18.253 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

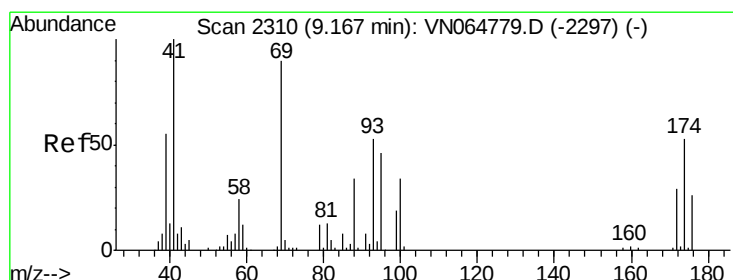
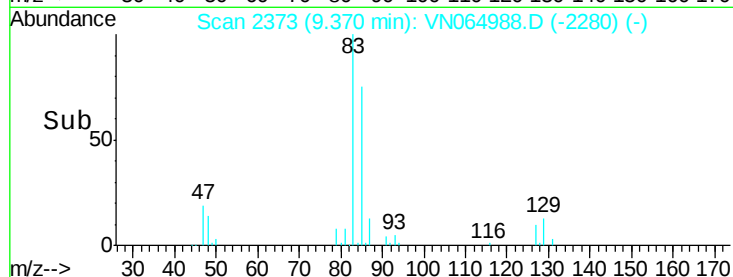
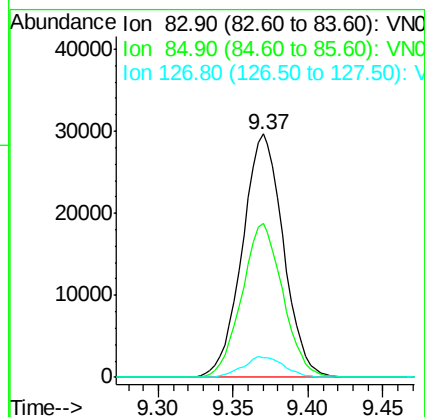
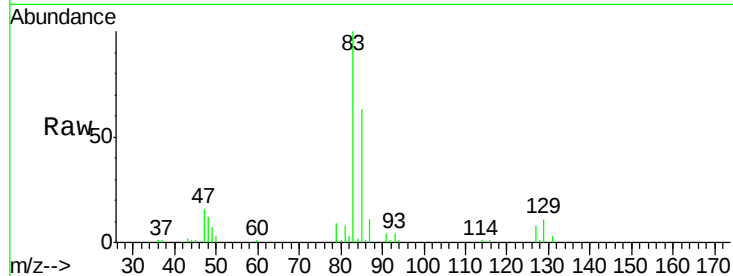
ClientSampleId :

VN1208WBSD02

Tot Ion:	83	Resp:	56575
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.8	77.8
127	8.3	6.8	10.2

Manual Integrations
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12/10/2020 9:55:56 AM



#48

Methyl methacrylate

Concen: 16.567 ug/l

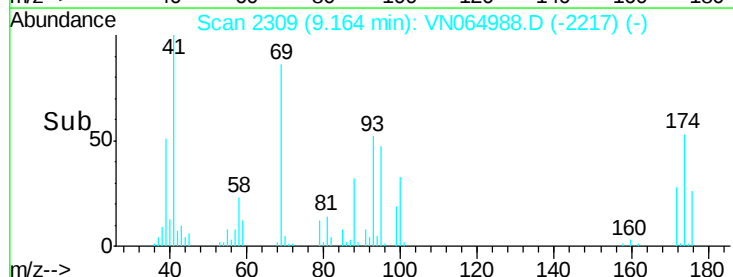
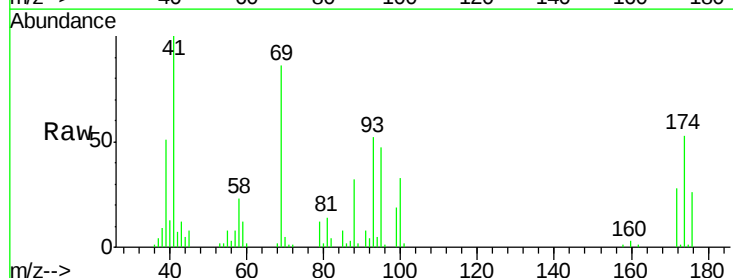
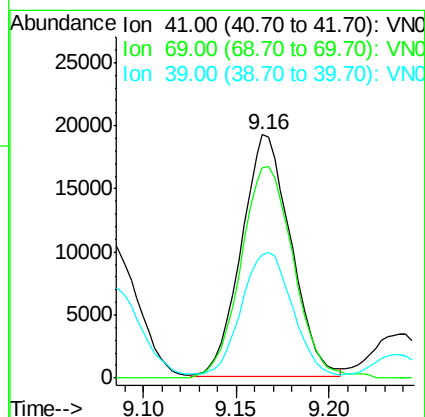
RT: 9.16 min Scan# 2309

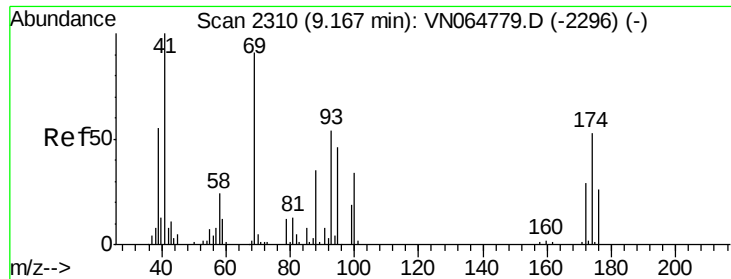
Delta R.T. -0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Tgt Ion:	41	Resp:	35653
Ion Ratio	Lower	Upper	
41	100		
69	92.5	71.8	107.8
39	54.3	44.1	66.1





#49

1,4-Dioxane

Concen: 322.292 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tot Ion: 88 Resp: 13109

Ion Ratio Lower Upper

88 100

43 35.4 24.2 36.4

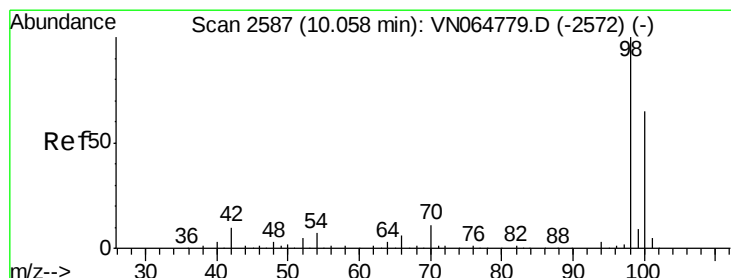
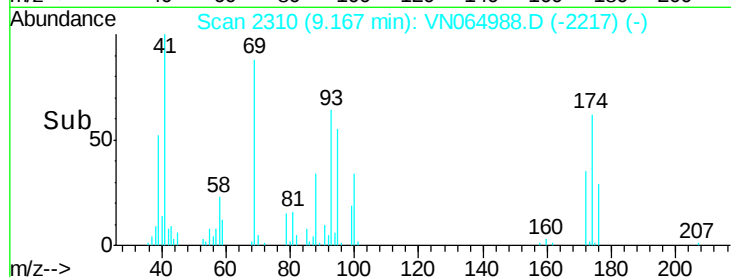
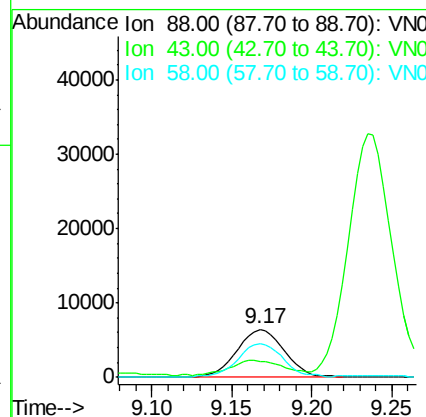
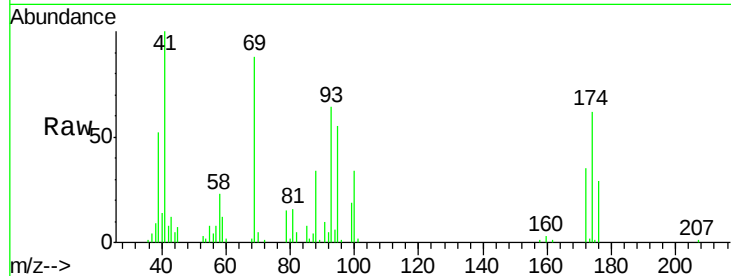
58 67.0 52.5 78.7

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12/10/2020 9:55:56 AM



#50

Toluene-d8

Concen: 47.582 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064988.D

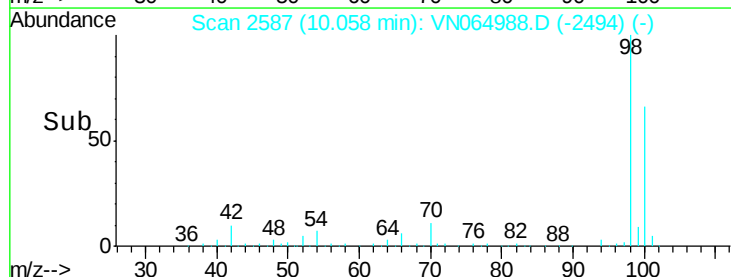
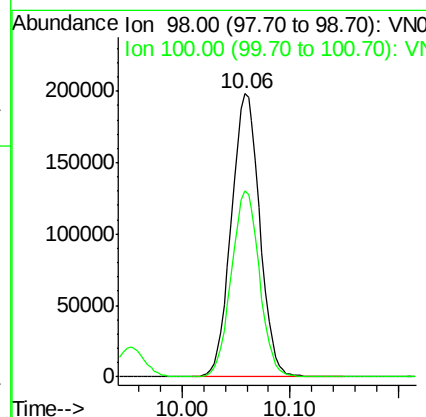
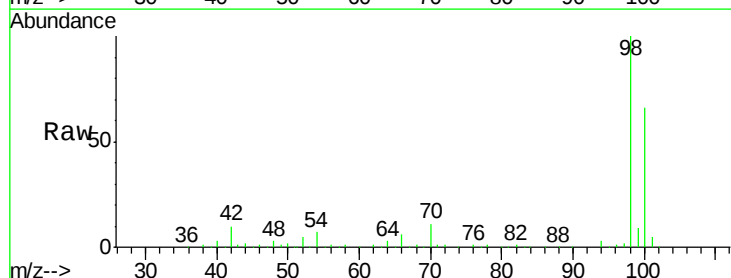
Acq: 8 Dec 2020 23:50

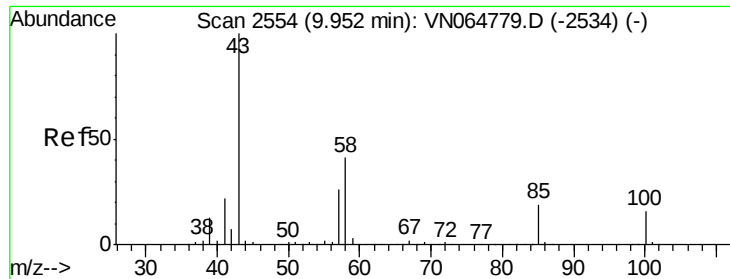
Tgt Ion: 98 Resp: 364674

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 85.422 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tot Ion: 43 Resp: 230965

Ion Ratio Lower Upper

43 100

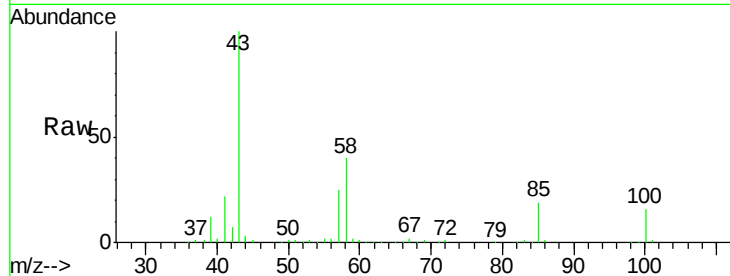
58 39.9 32.4 48.6

Manual Integrations

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12/10/2020 9:55:56 AM



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

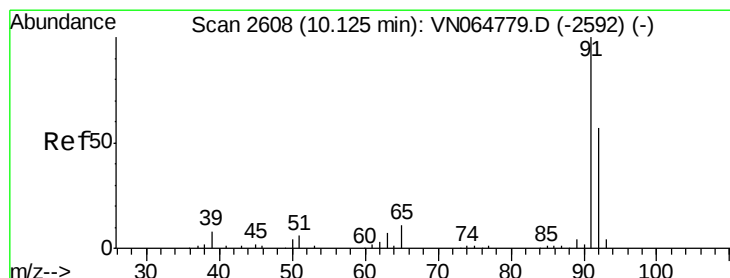
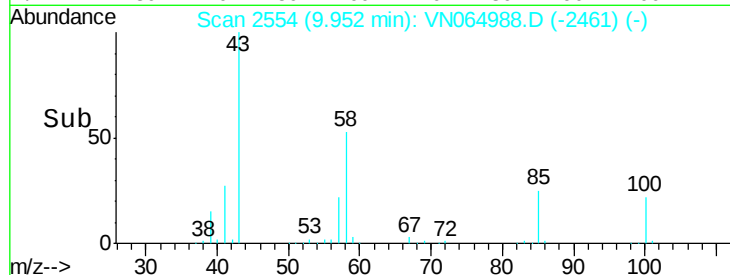
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.829 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064988.D

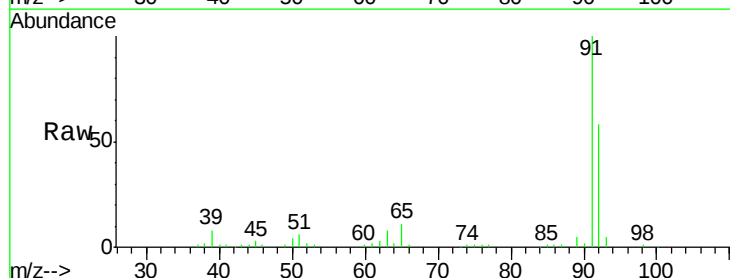
Acq: 8 Dec 2020 23:50

Tgt Ion: 92 Resp: 97760

Ion Ratio Lower Upper

92 100

91 174.1 139.1 208.7



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

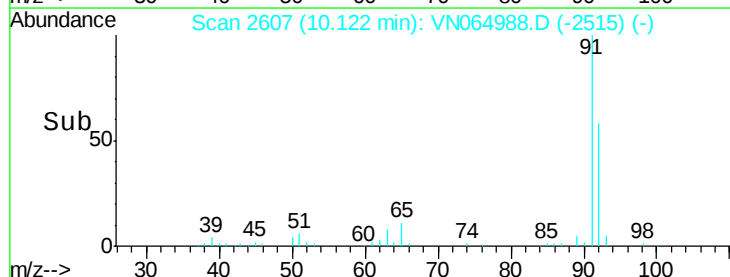
60000

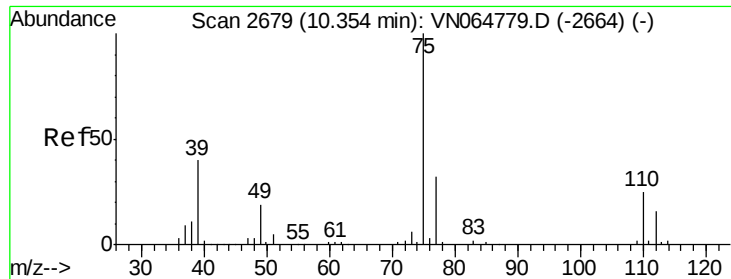
40000

20000

0

Time-->





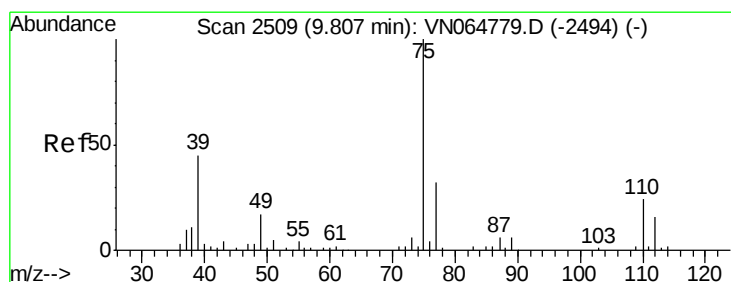
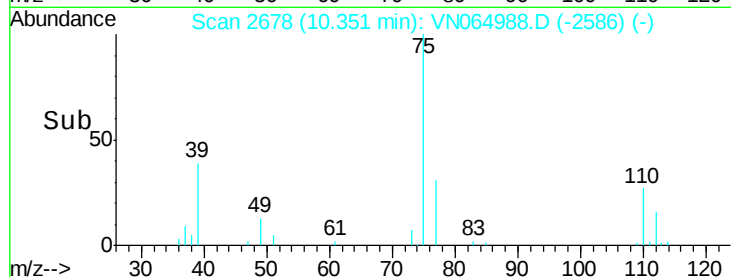
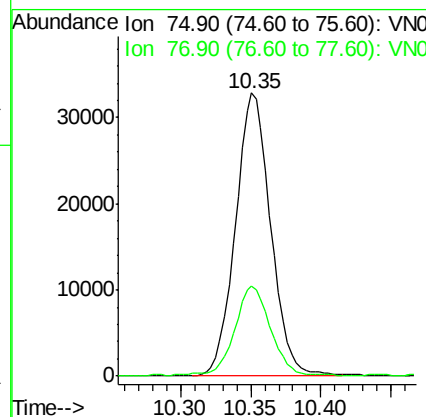
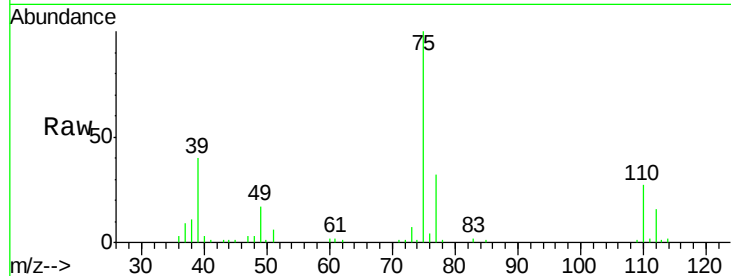
#53
t-1,3-Dichloropropene
Concen: 16.651 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion: 75 Resp: 57483
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6

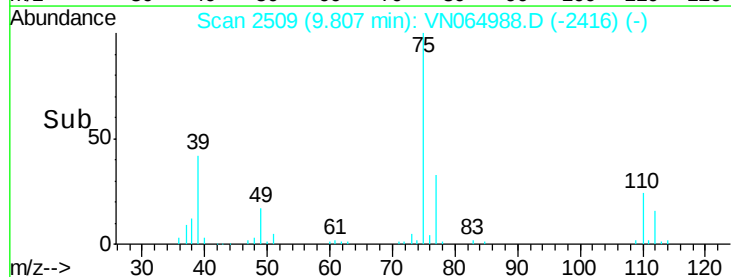
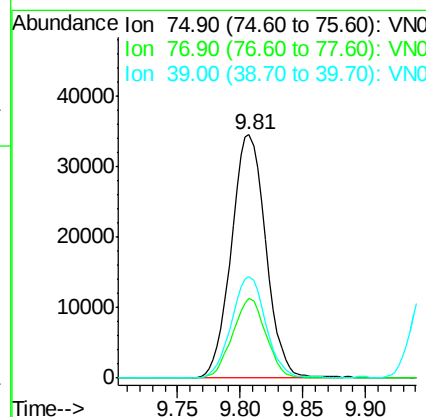
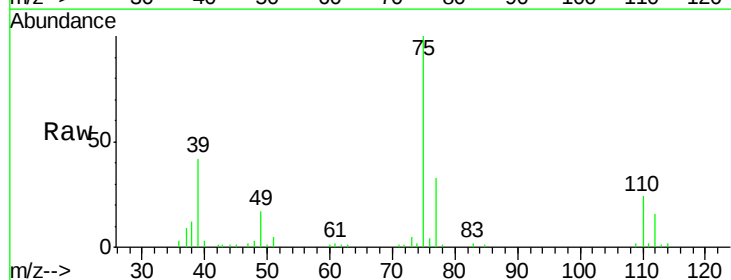
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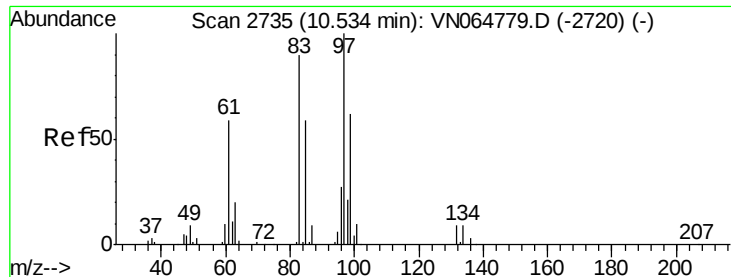
MMDadoda
12/10/2020 9:55:56 AM



#54
cis-1,3-Dichloropropene
Concen: 17.830 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 75 Resp: 65977
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
39 41.8 35.6 53.4





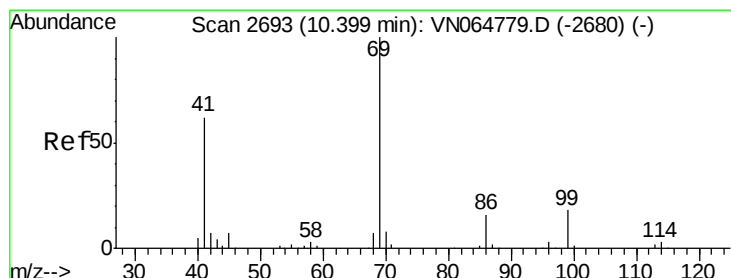
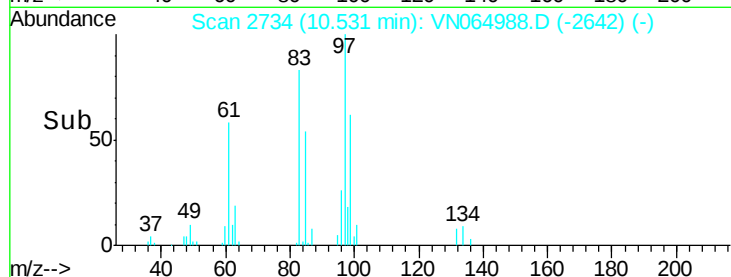
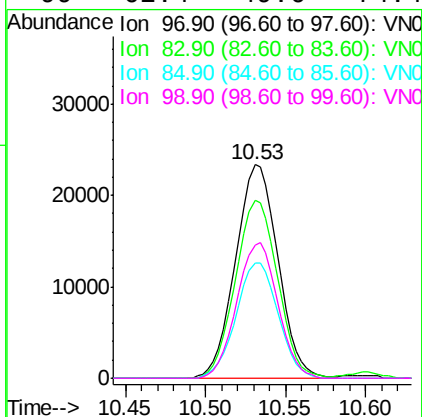
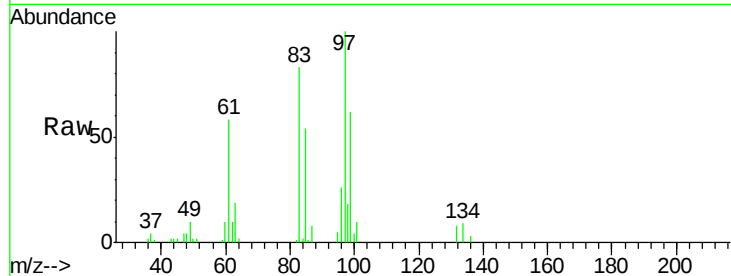
#55
 1,1,2-Trichloroethane
 Concen: 18.788 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tot Ion:	97	Resp:	42363
Ion	Ratio	Lower	Upper
97	100		
83	83.1	72.1	108.1
85	54.1	46.8	70.2
99	62.4	49.6	74.4

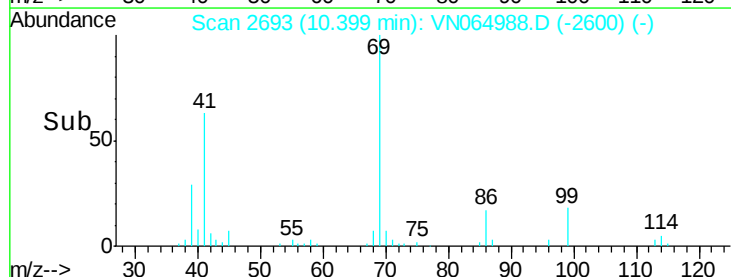
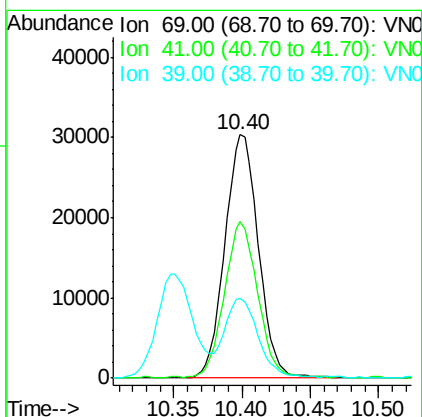
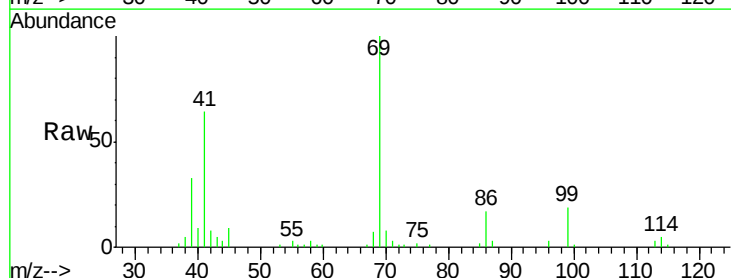
Manual Integrations
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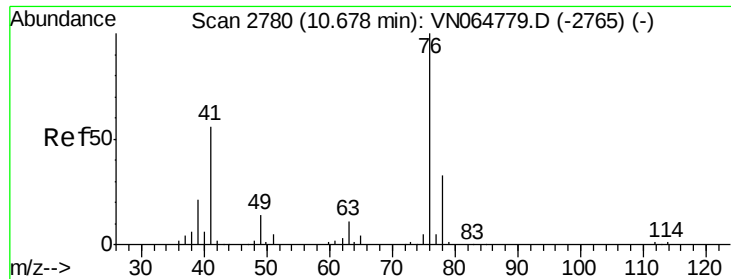
MMDadoda
 12/10/2020 9:55:56 AM



#56
 Ethyl methacrylate
 Concen: 16.638 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion:	69	Resp:	51770
Ion	Ratio	Lower	Upper
69	100		
41	64.1	49.4	74.0
39	33.8	25.9	38.9





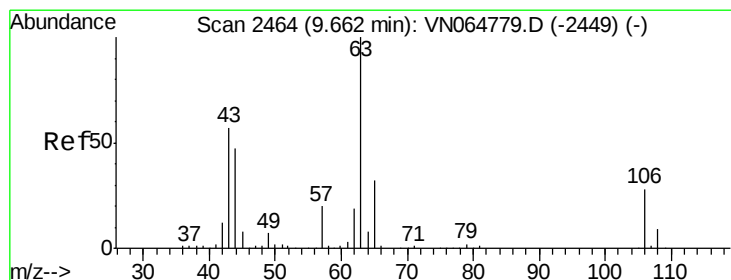
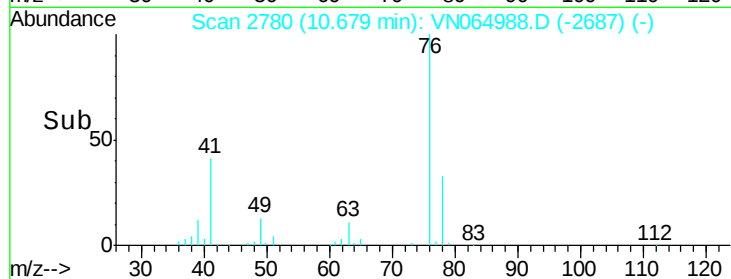
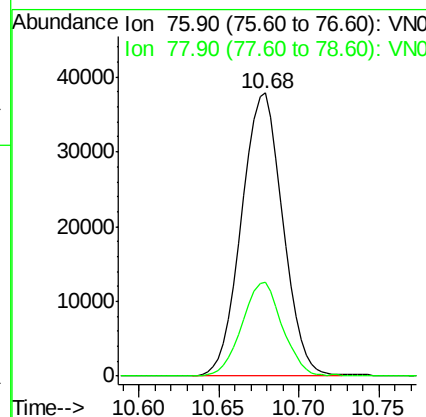
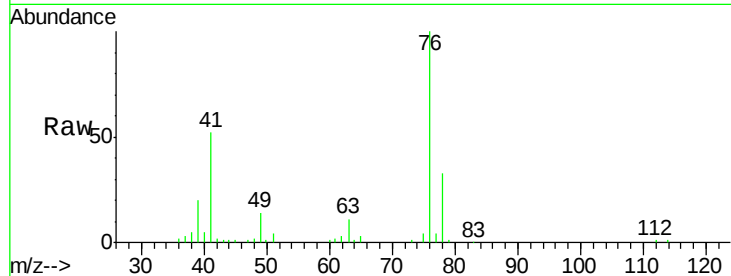
#57
 1,3-Dichloropropane
 Concen: 17.943 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tot Ion: 76 Resp: 66740
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1

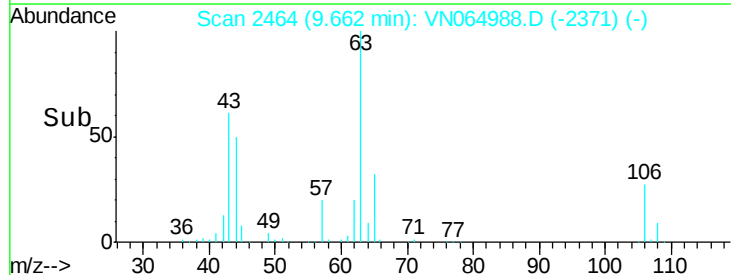
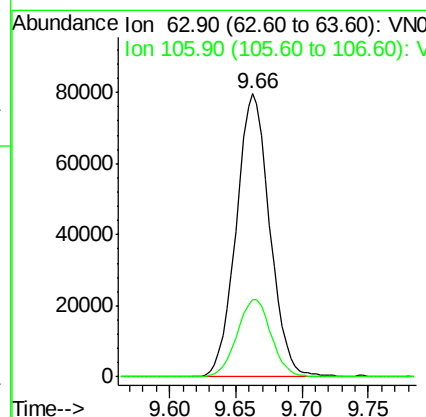
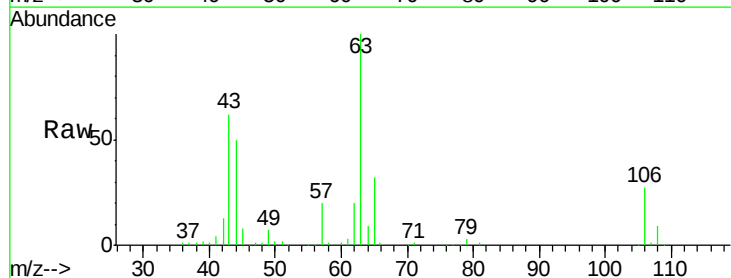
Manual Integrations
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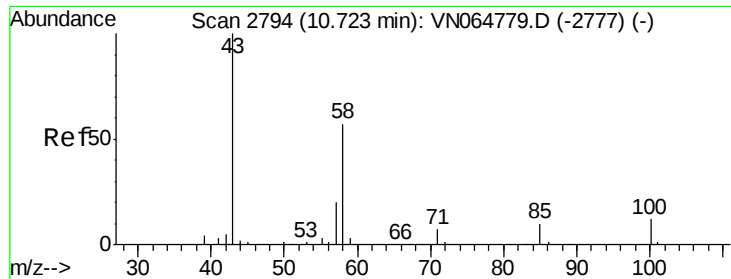
MMDadoda
 12/10/2020 9:55:56 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 81.808 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion: 63 Resp: 140020
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.7 34.1





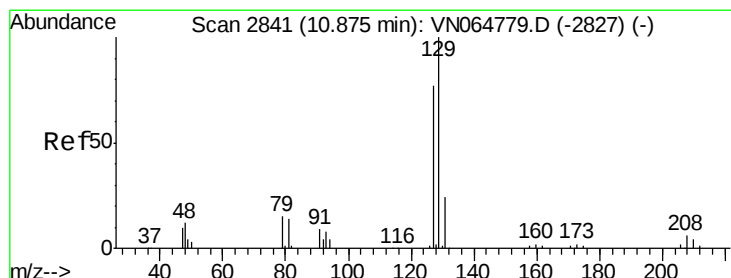
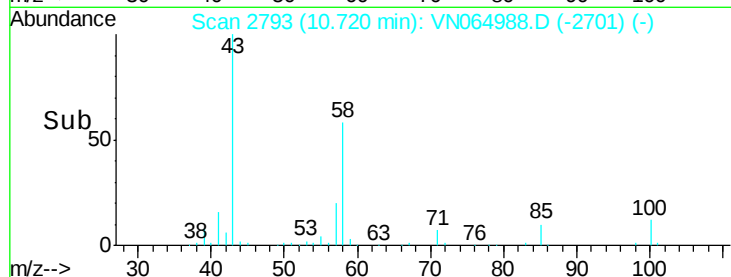
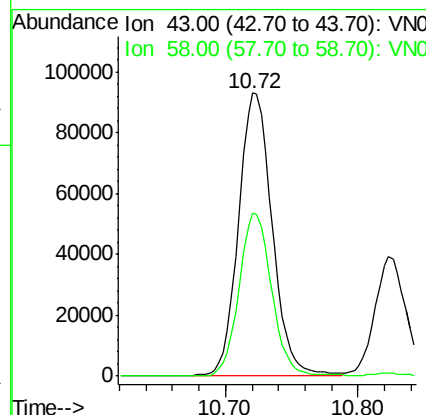
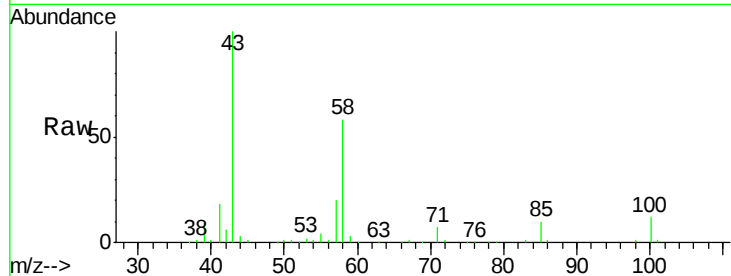
#59
2-Hexanone
Concen: 83.624 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion: 43 Resp: 162723
Ion Ratio Lower Upper
43 100
58 56.2 28.3 84.9

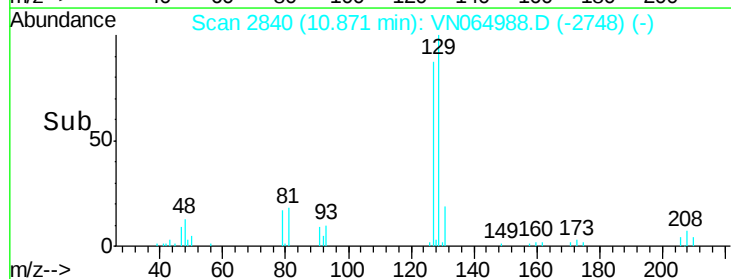
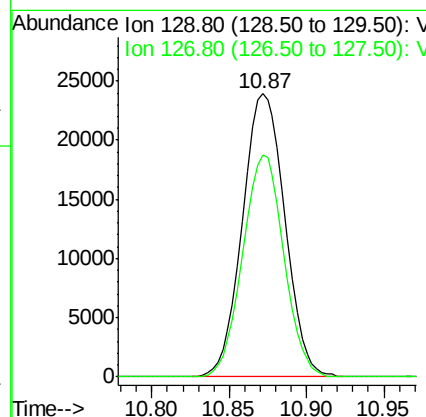
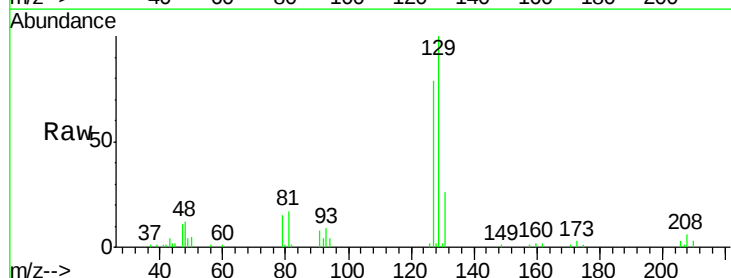
Manual Integrations
APPROVED

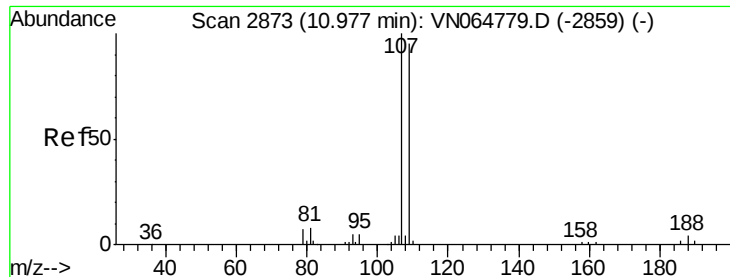
MMDadoda
12/10/2020 9:55:56 AM



#60
Dibromochloromethane
Concen: 18.230 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 129 Resp: 45691
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.2





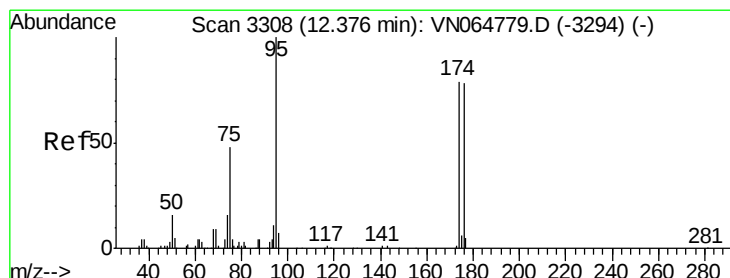
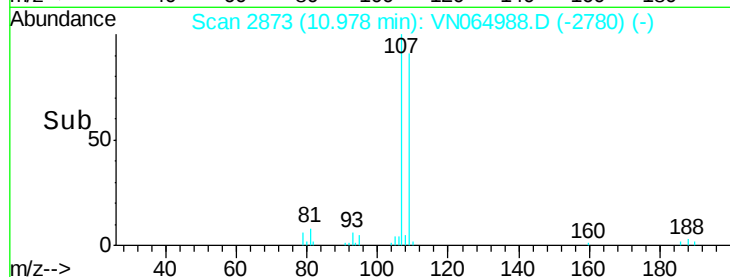
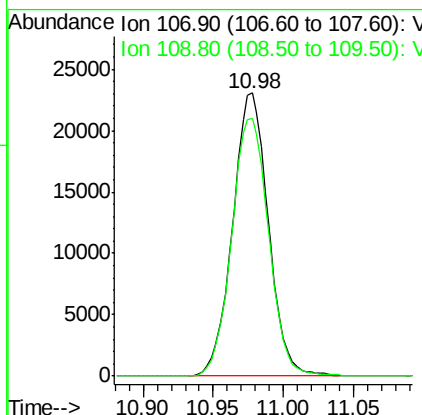
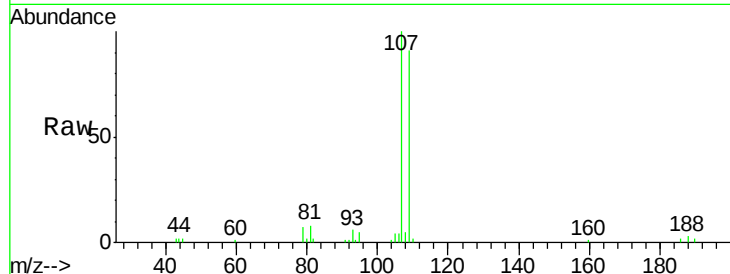
#61
 1,2-Dibromoethane
 Concen: 17.868 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tot Ion: 107 Resp: 40932
 Ion Ratio Lower Upper
 107 100
 109 94.2 76.0 114.0

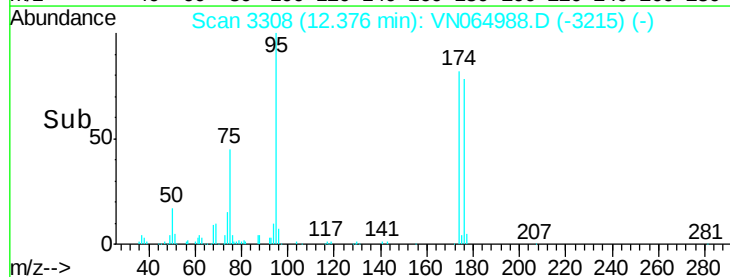
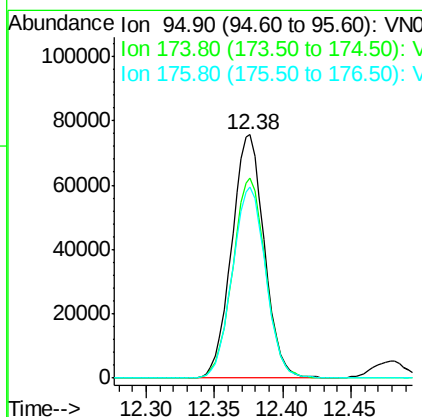
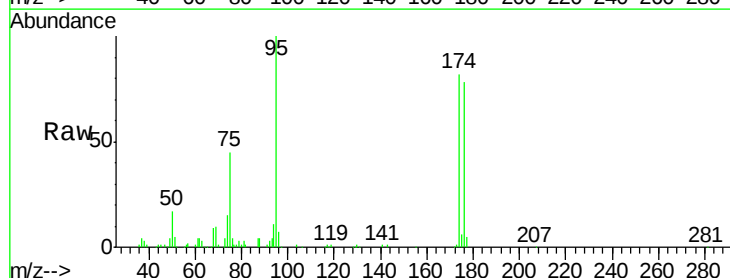
Manual Integrations
 APPROVED

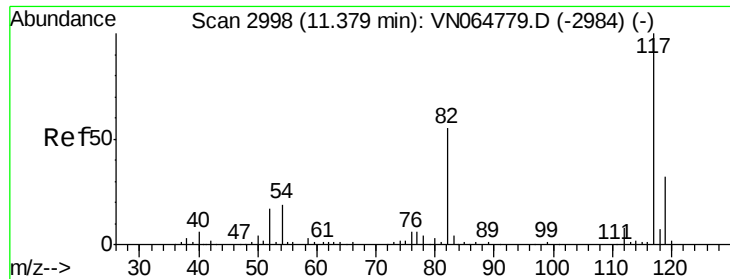
MMDadoda
 12/10/2020 9:55:56 AM



#62
 4-Bromofluorobenzene
 Concen: 45.827 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion: 95 Resp: 125698
 Ion Ratio Lower Upper
 95 100
 174 82.9 0.0 160.4
 176 80.1 0.0 158.4





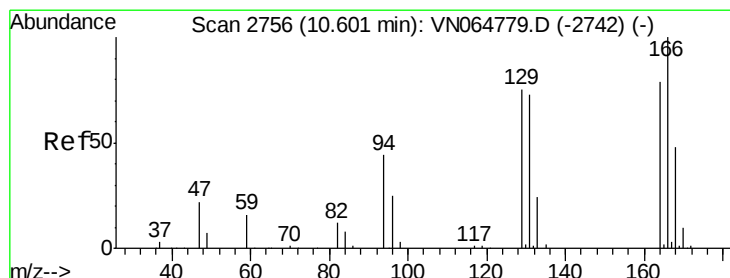
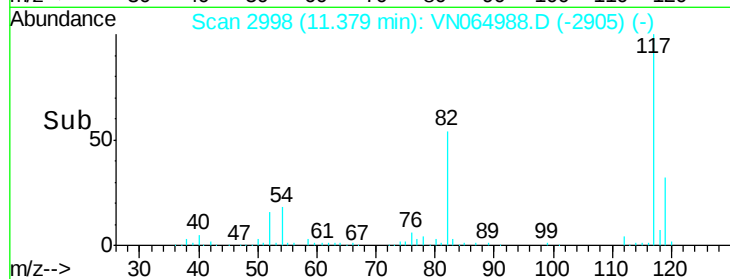
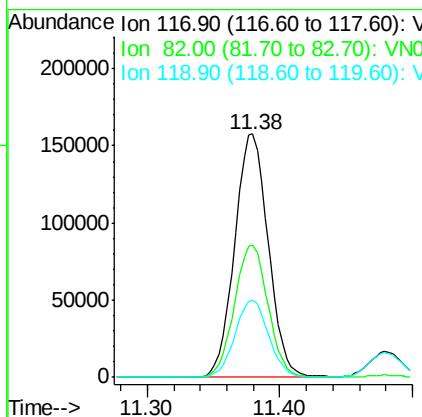
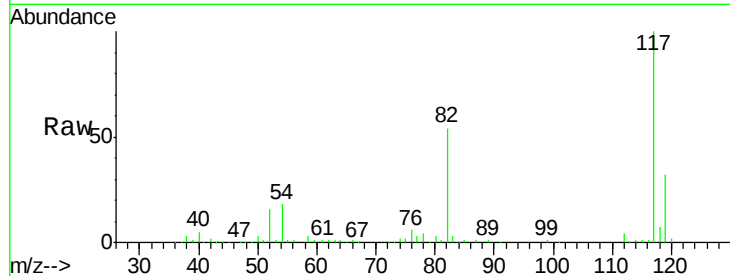
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.2	66.2
119	31.5	25.8	38.6

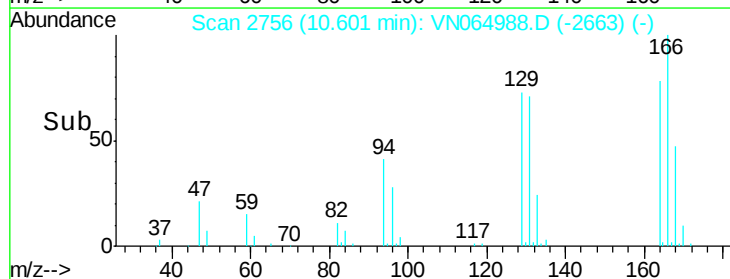
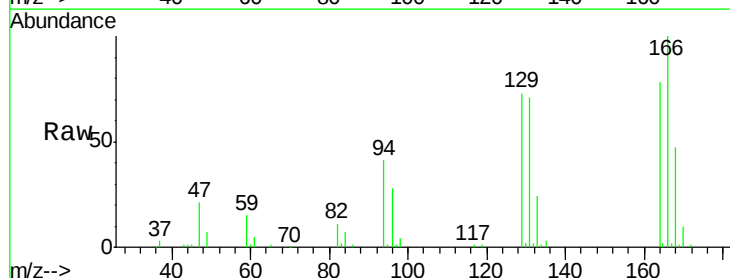
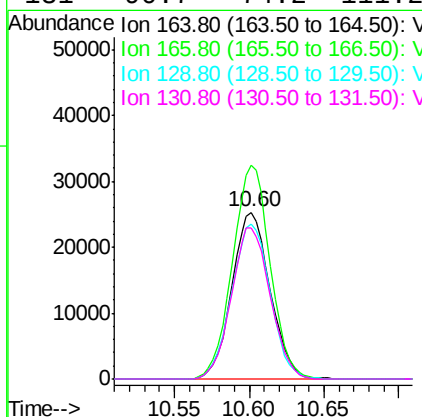
Manual Integrations
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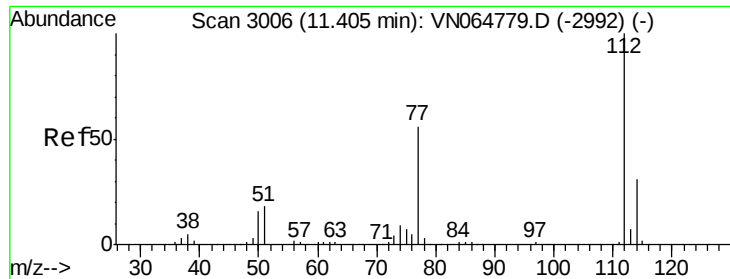
MMDadoda
12/10/2020 9:55:56 AM



#64
Tetrachloroethene
Concen: 16.634 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	101.4	152.0
129	93.4	76.1	114.1
131	90.7	74.2	111.2





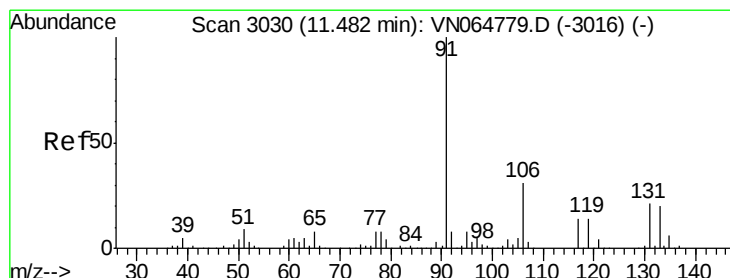
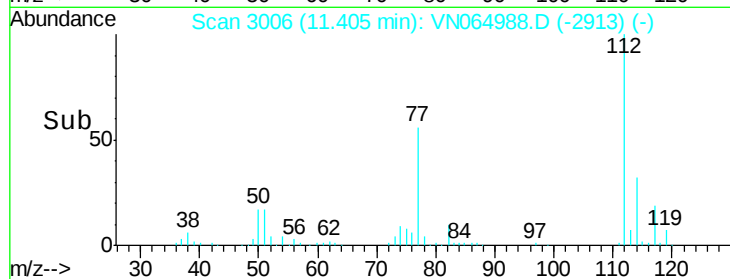
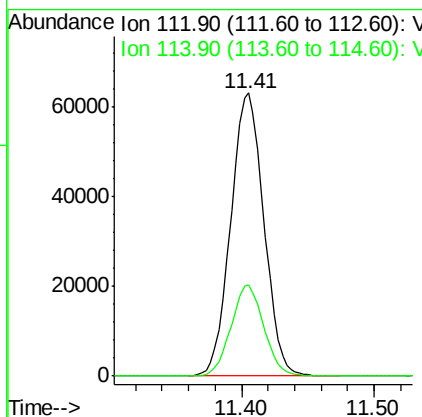
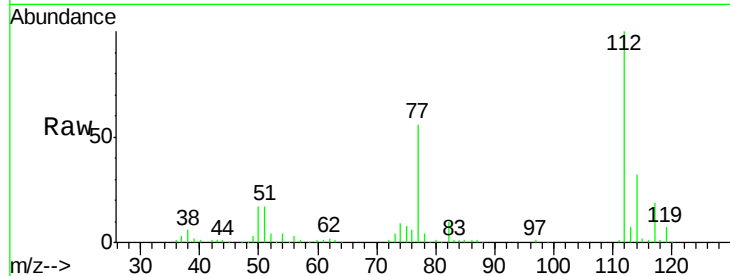
#65
Chlorobenzene
Concen: 18.401 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion:112 Resp: 109457
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7

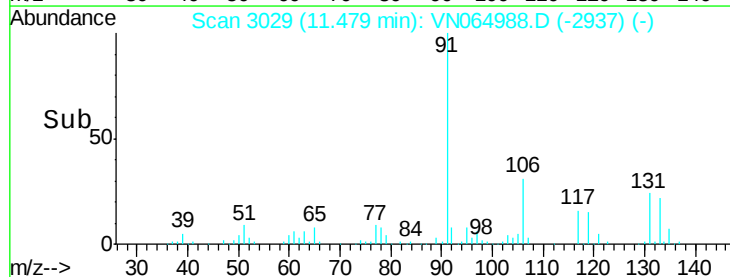
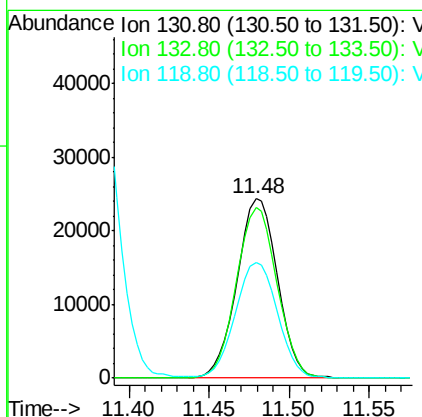
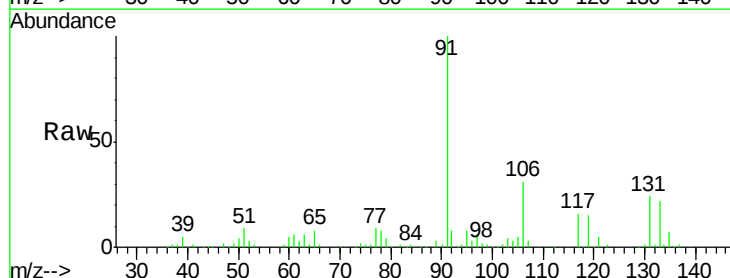
Manual Integrations
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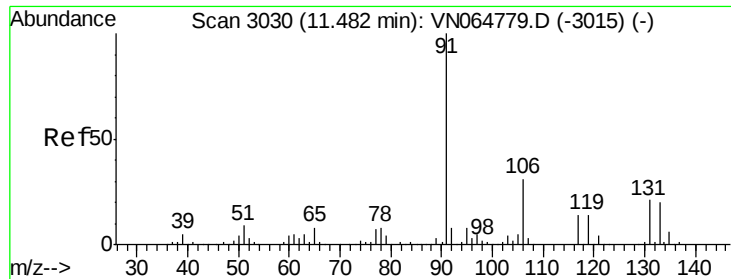
MMDadoda
12/10/2020 9:55:56 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.219 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion:131 Resp: 42014
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 67.4 33.3 99.8





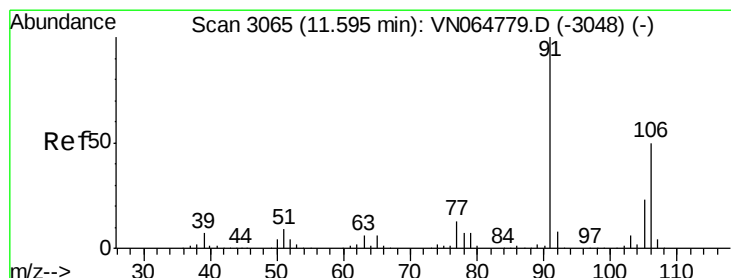
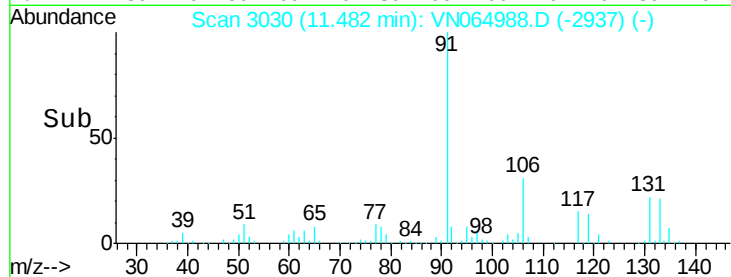
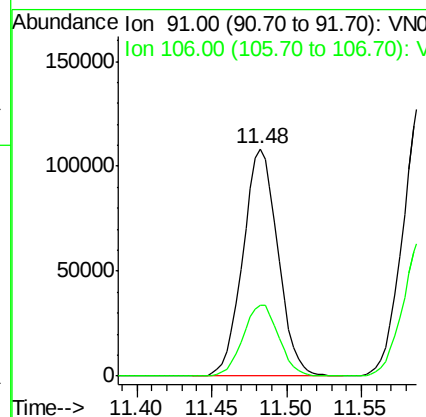
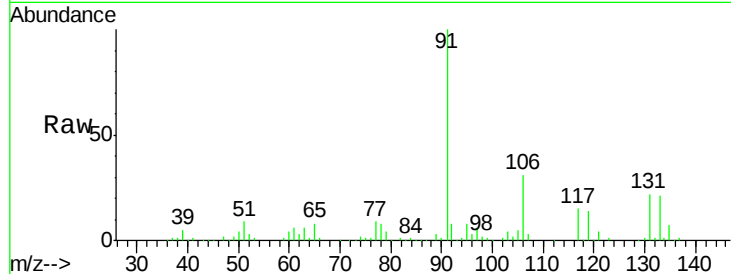
#67
Ethyl Benzene
Concen: 17.763 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion: 91 Resp: 176520
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8

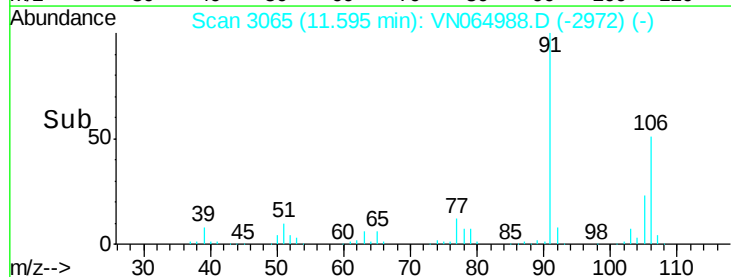
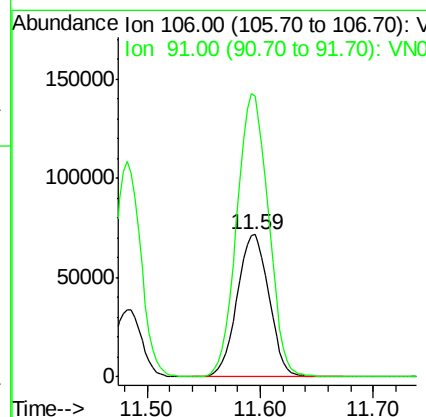
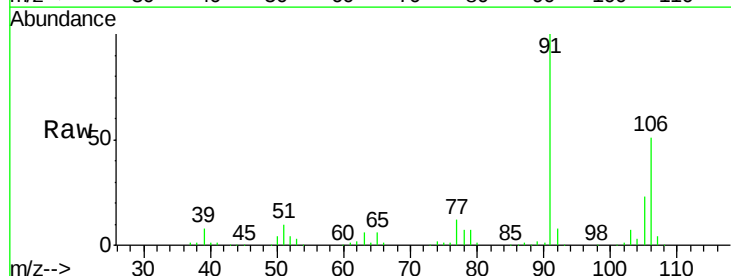
Manual Integrations
APPROVED

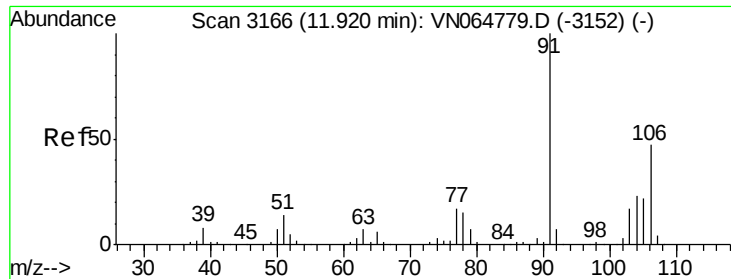
MMDadoda
12/10/2020 9:55:56 AM



#68
m/p-Xylenes
Concen: 37.517 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion: 106 Resp: 141154
Ion Ratio Lower Upper
106 100
91 197.0 161.0 241.4





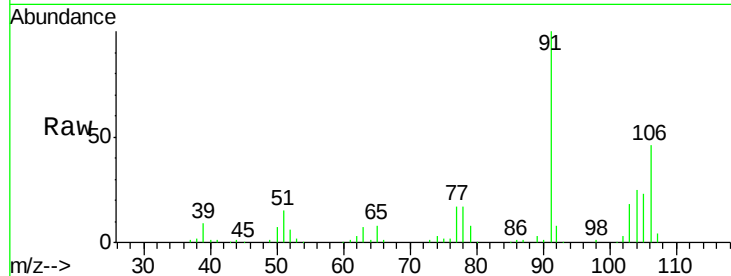
#69
o-Xylene
Concen: 18.379 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

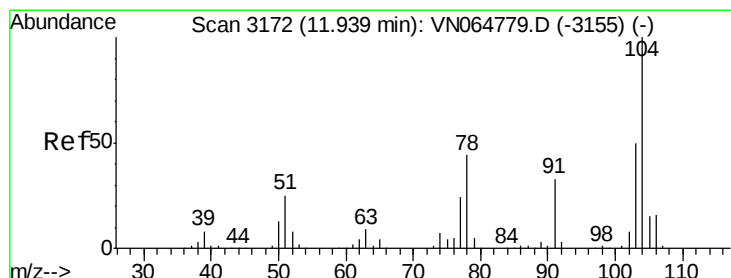
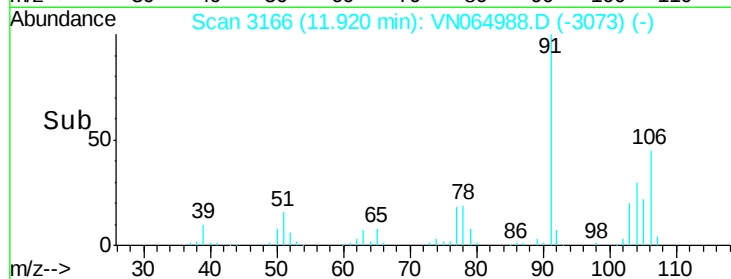
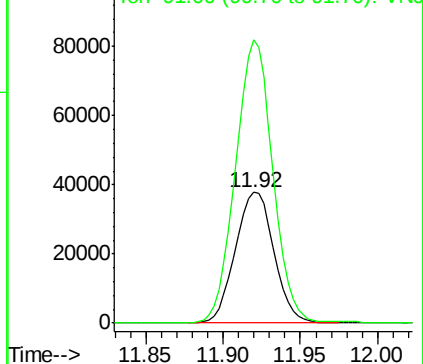
Tot Ion:106 Resp: 65619
Ion Ratio Lower Upper
106 100
91 209.1 105.5 316.5

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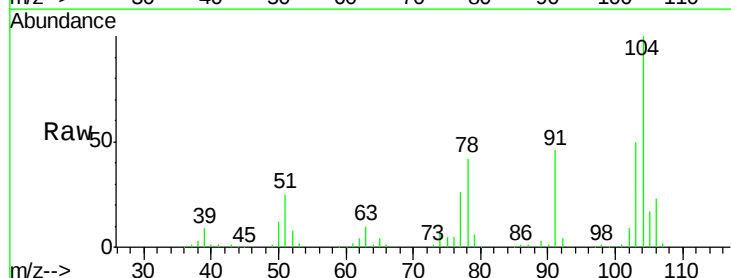


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

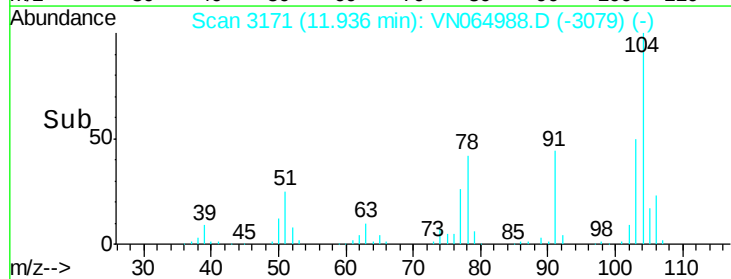
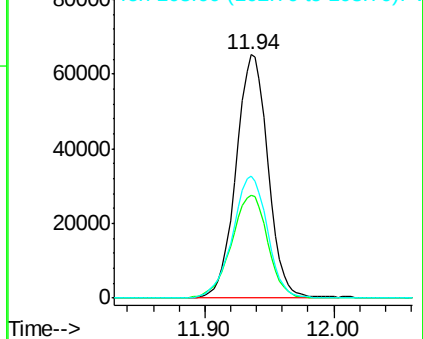


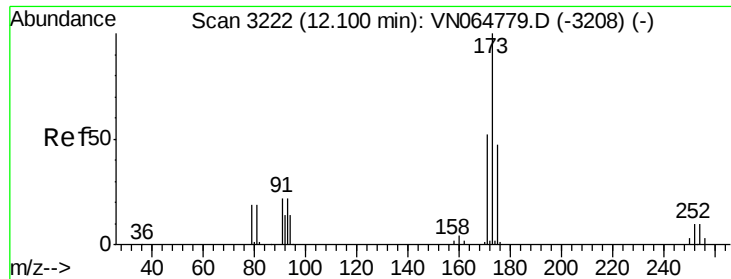
#70
Styrene
Concen: 18.641 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion:104 Resp: 112355
Ion Ratio Lower Upper
104 100
78 47.9 39.0 58.6
103 54.6 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





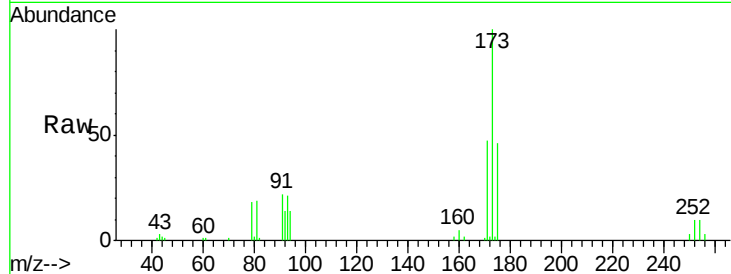
#71
Bromoform
Concen: 18.299 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

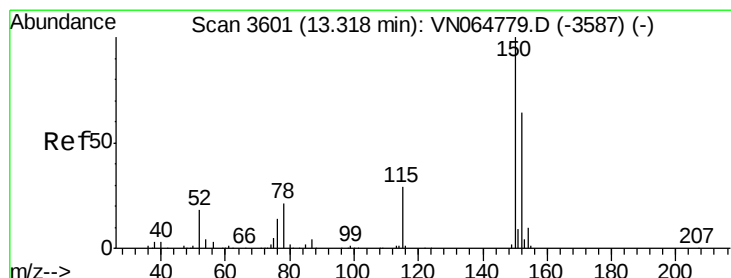
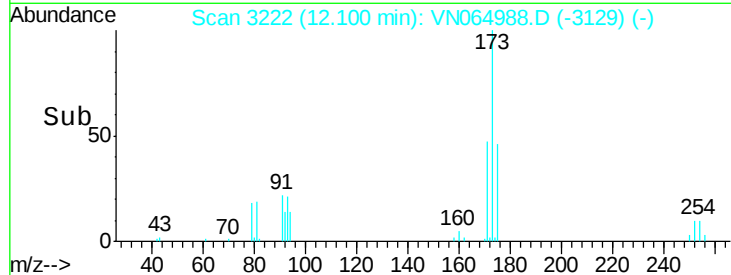
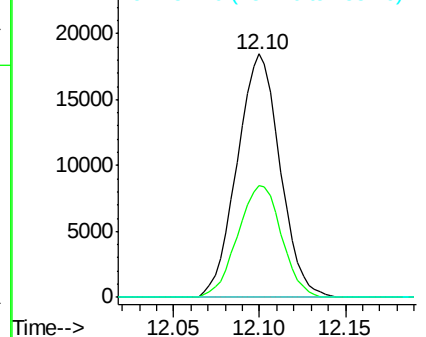
Tot Ion	Ratio	Lower	Upper
173	100		
175	46.9	24.3	72.8
254	0.0	0.0	0.0

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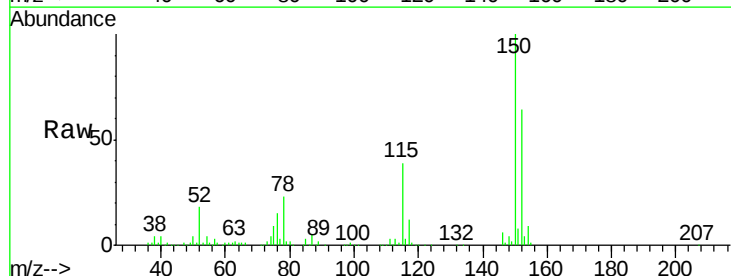


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

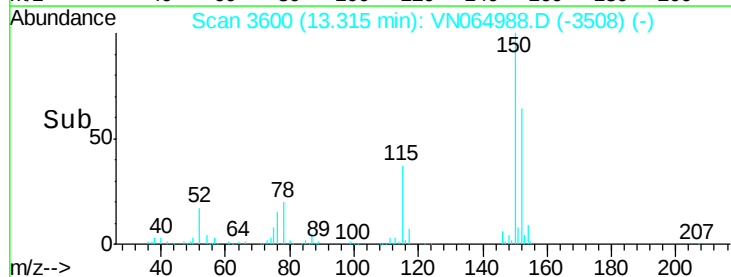
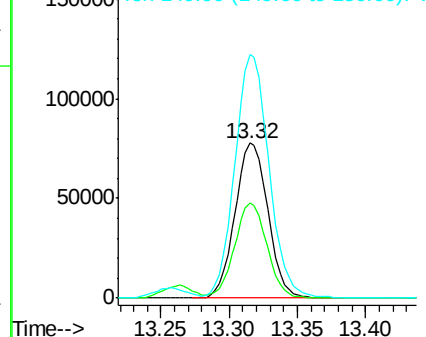


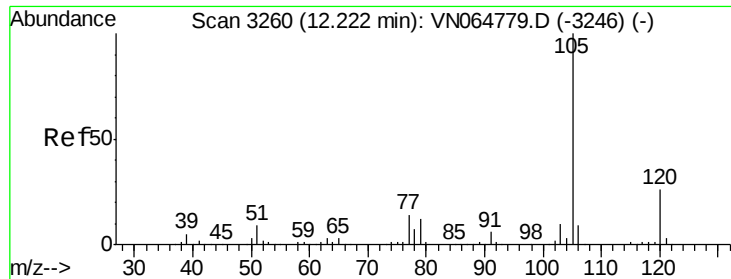
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	29.7	89.1
150	162.3	0.0	350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.074 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tot Ion: 105 Resp: 172926

Ion Ratio Lower Upper

105 100

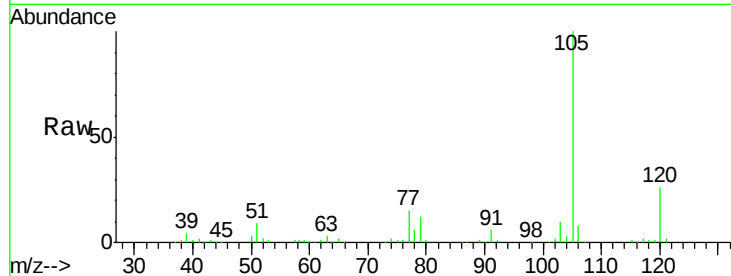
120 26.3 13.3 39.9

Manual Integrations

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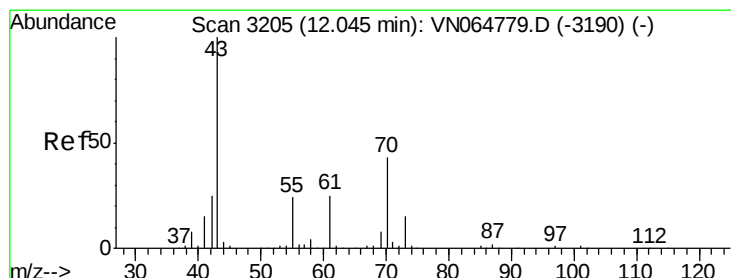
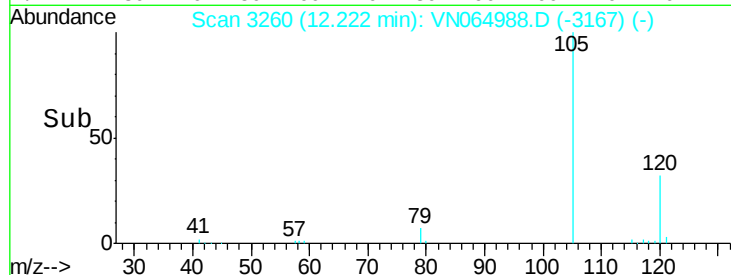
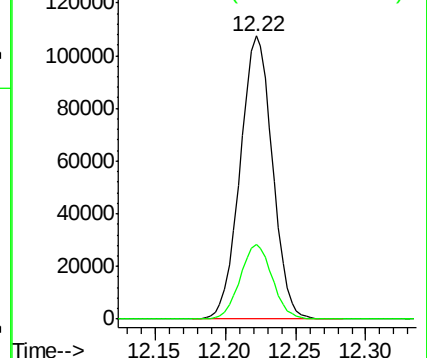
MMDadoda

12/10/2020 9:55:56 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.284 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Tgt Ion: 43 Resp: 61665

Ion Ratio Lower Upper

43 100

70 45.1 34.5 51.7

55 28.0 20.4 30.6

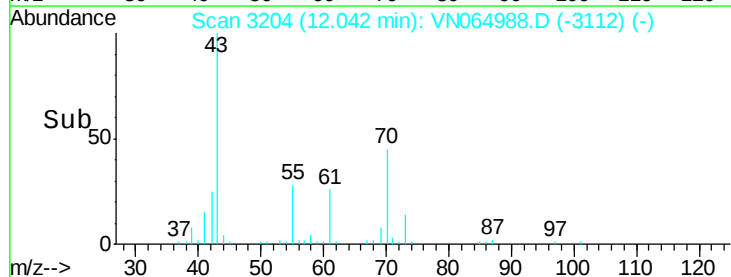
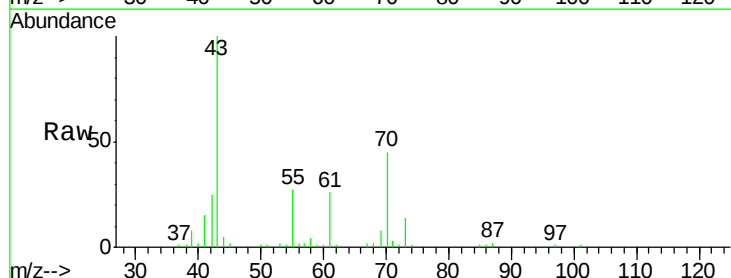
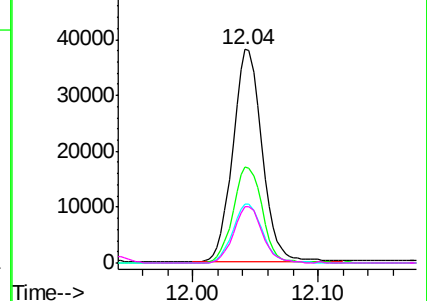
61 26.1 20.0 30.0

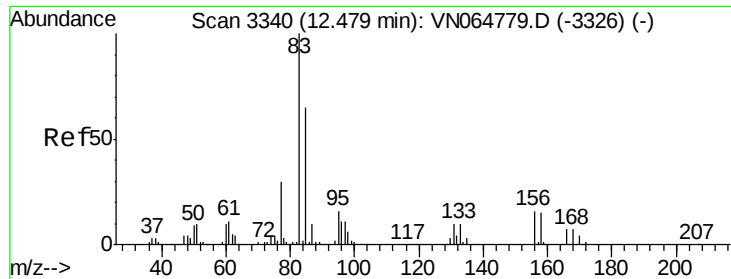
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.084 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

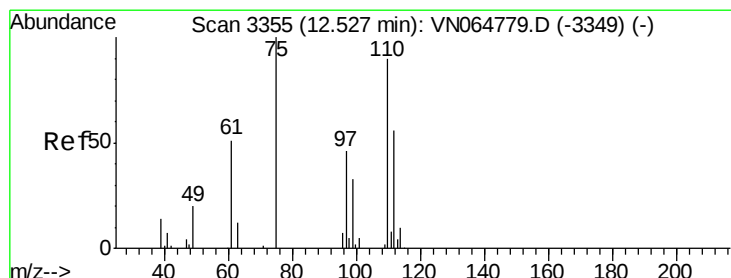
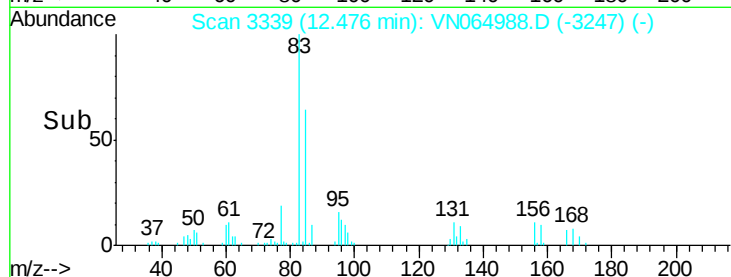
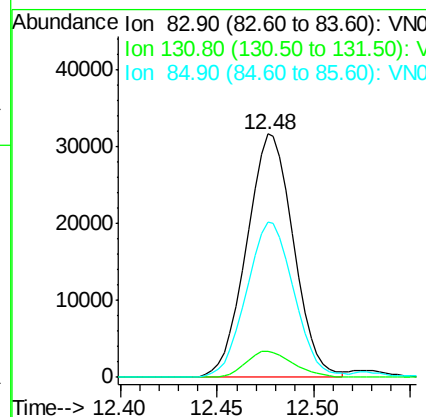
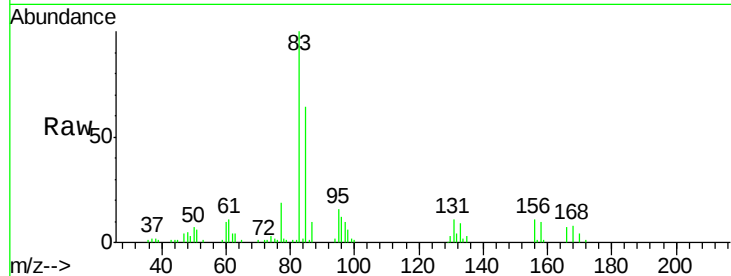
ClientSampleId :

VN1208WBSD02

Tot Ion:	83	Resp:	53367
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.3
85	64.5	33.0	99.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.543 ug/l m

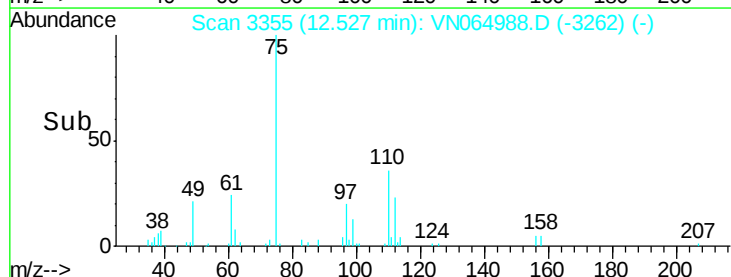
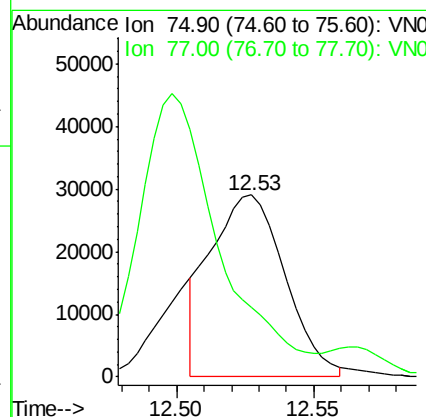
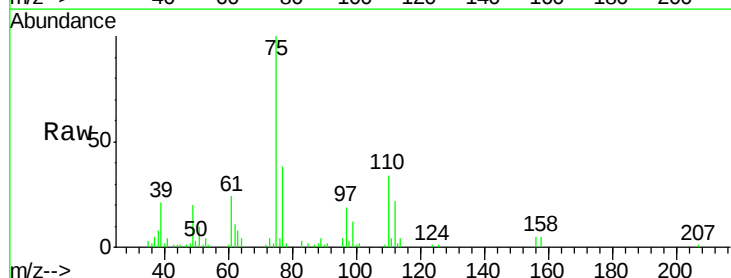
RT: 12.53 min Scan# 3355

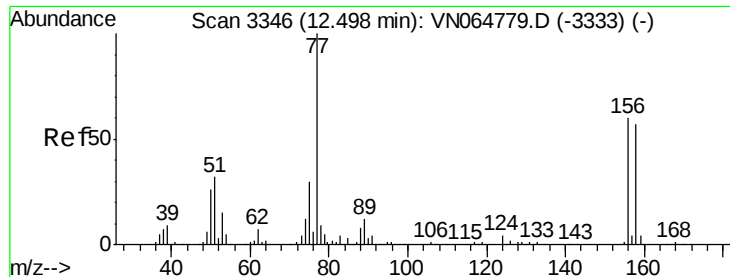
Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Tgt Ion:	75	Resp:	54856
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.847 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tot Ion:156 Resp: 46066

Ion Ratio Lower Upper

156 100

77 201.9 101.3 303.7

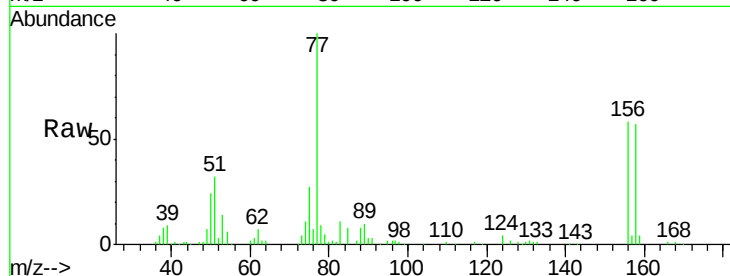
158 95.7 48.2 144.6

Manual Integrations

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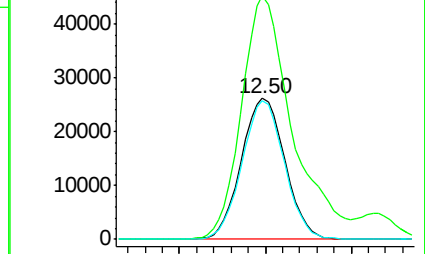
12/10/2020 9:55:56 AM



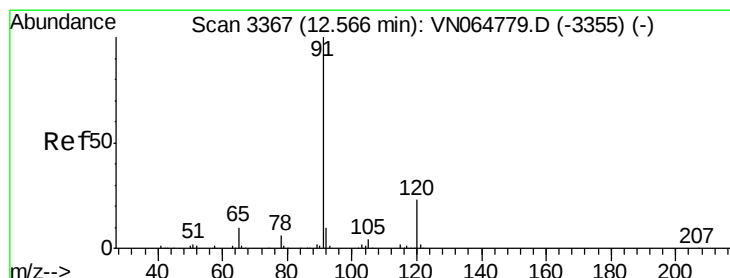
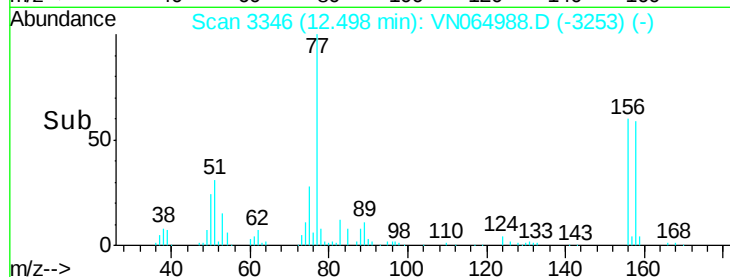
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 18.626 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064988.D

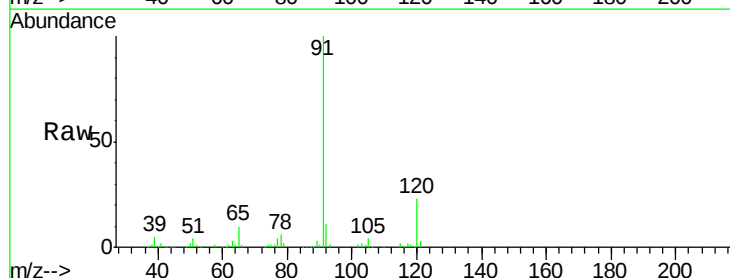
Acq: 8 Dec 2020 23:50

Tgt Ion: 91 Resp: 192367

Ion Ratio Lower Upper

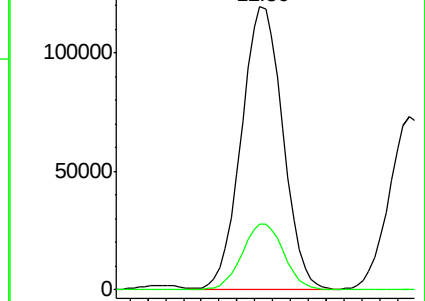
91 100

120 23.6 11.6 34.7

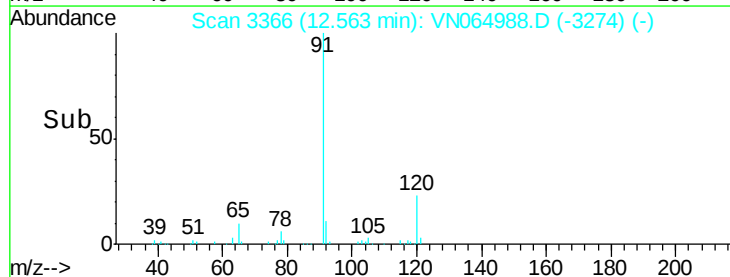


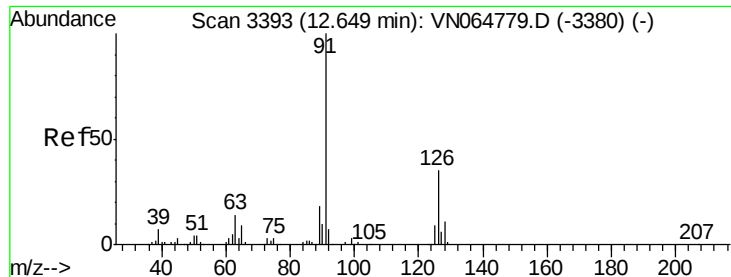
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 18.866 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBSD02

Tot Ion: 91 Resp: 120444

Ion Ratio Lower Upper

91 100

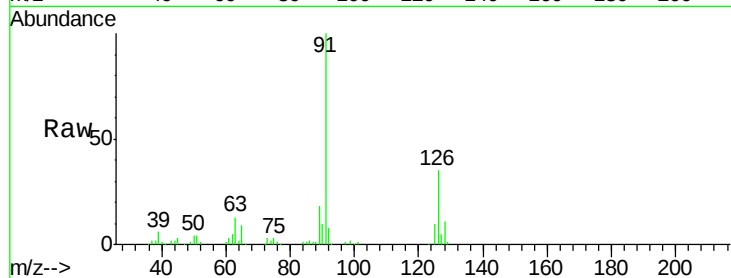
126 35.4 17.2 51.6

Manual Integrations

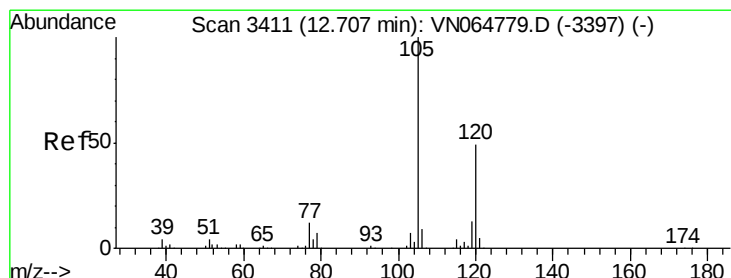
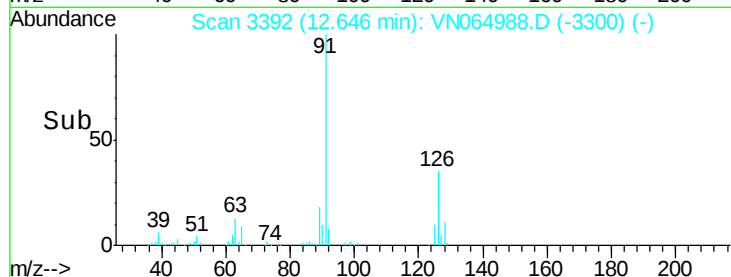
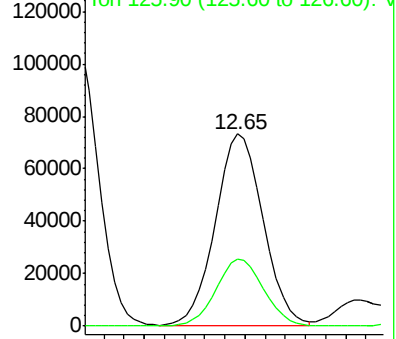
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Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.477 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064988.D

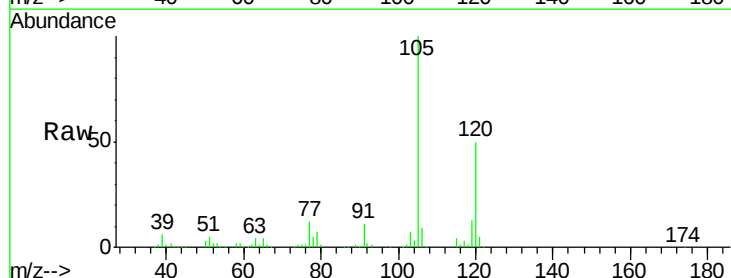
Acq: 8 Dec 2020 23:50

Tgt Ion: 105 Resp: 146770

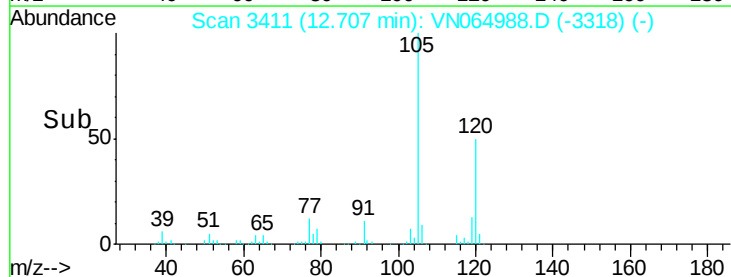
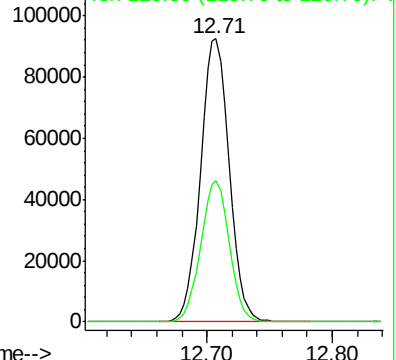
Ion Ratio Lower Upper

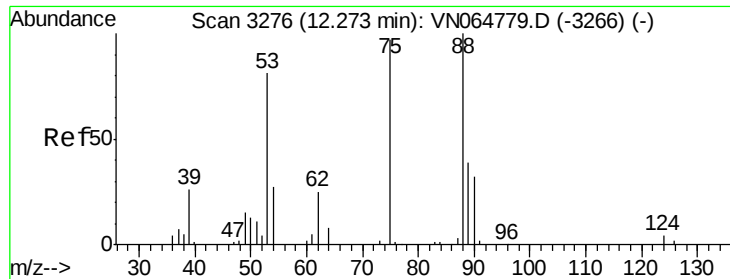
105 100

120 49.6 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.302 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Instrument :

MSVOA_N

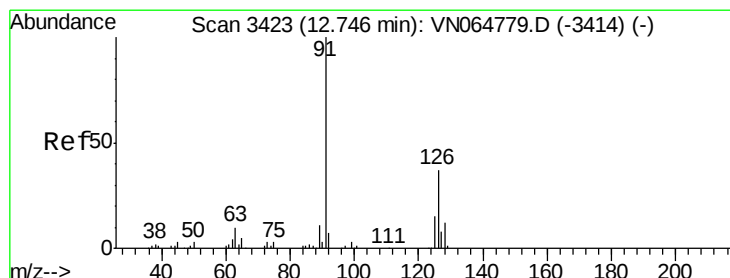
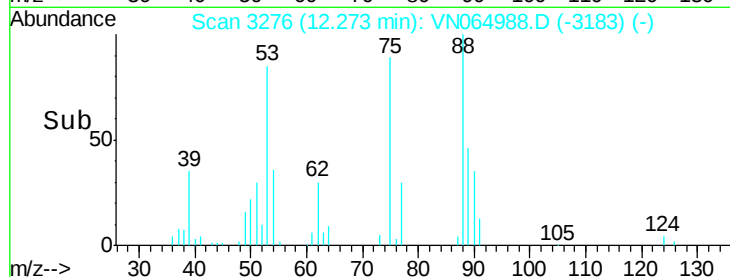
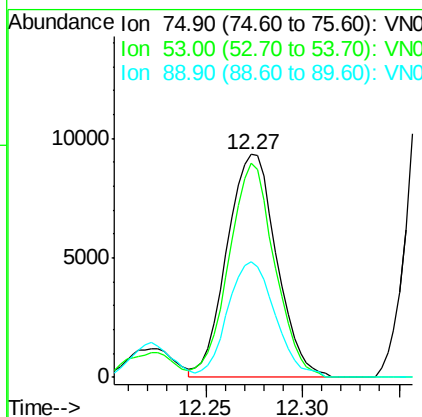
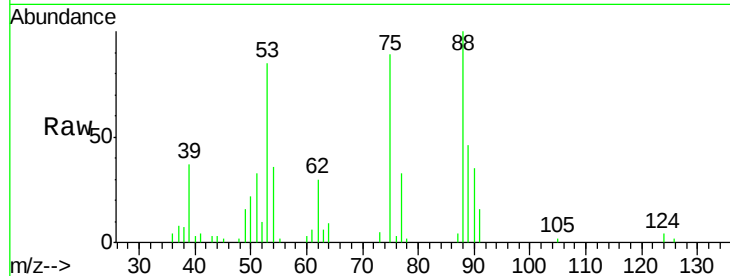
ClientSampleId :

VN1208WBSD02

Tot Ion:	75	Resp:	16696
Ion Ratio	Lower	Upper	
75	100		
53	88.3	67.0	100.4
89	49.4	39.6	59.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.545 ug/l

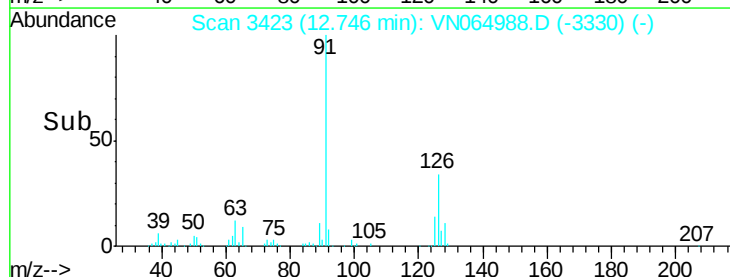
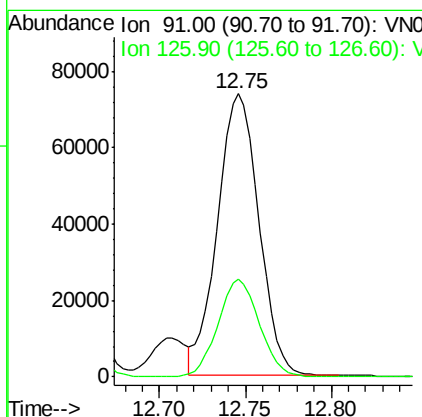
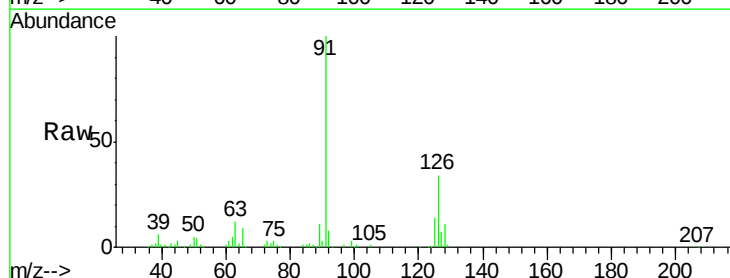
RT: 12.75 min Scan# 3423

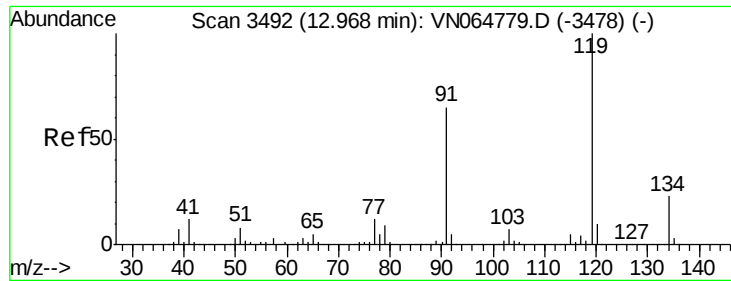
Delta R.T. 0.00 min

Lab File: VN064988.D

Acq: 8 Dec 2020 23:50

Tgt Ion:	91	Resp:	124098
Ion Ratio	Lower	Upper	
91	100		
126	34.4	16.9	50.7





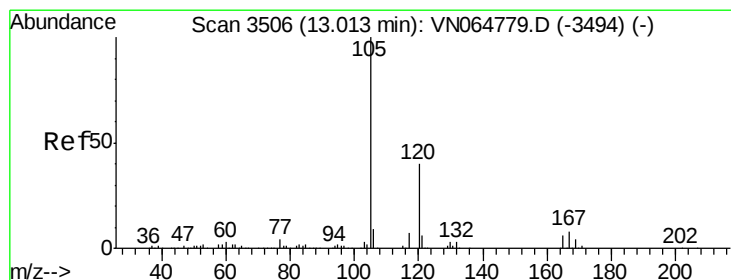
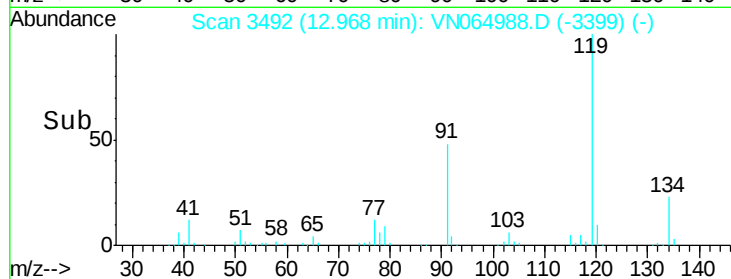
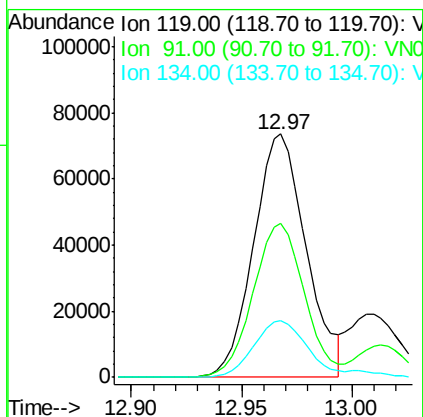
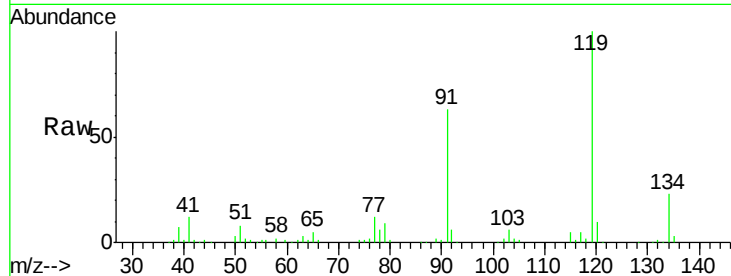
#83
tert-Butylbenzene
Concen: 19.269 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.6	32.3	96.8
134	23.6	12.6	37.6

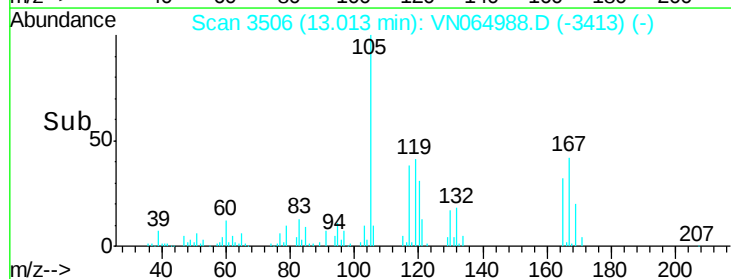
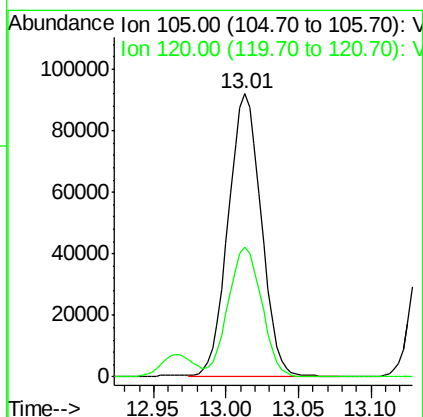
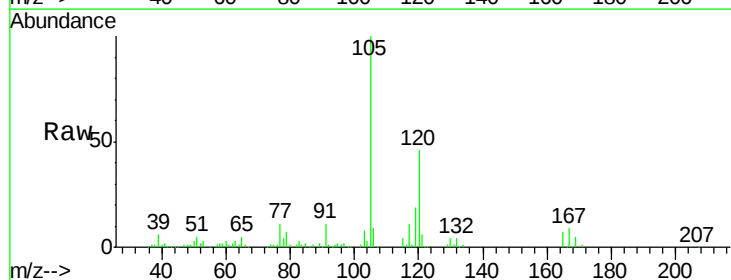
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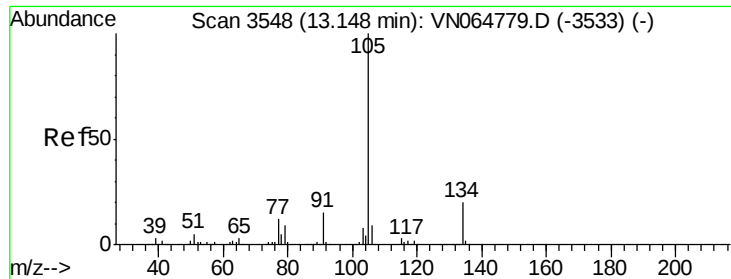
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#84
1,2,4-Trimethylbenzene
Concen: 19.144 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.1	69.2





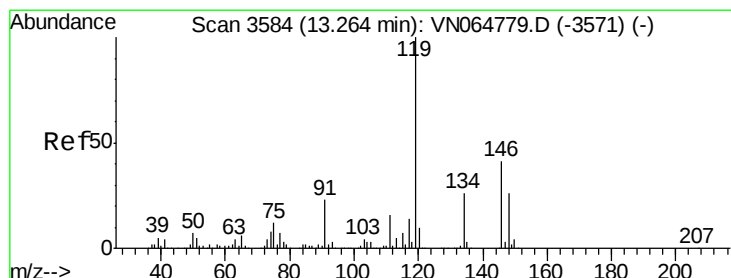
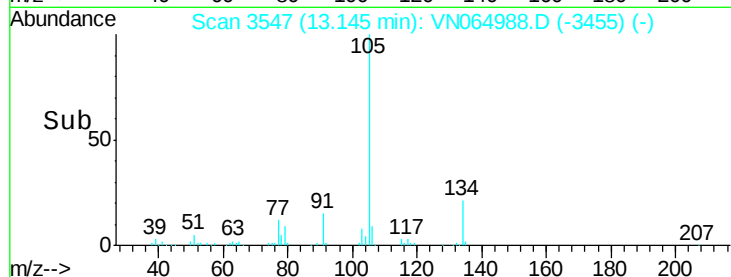
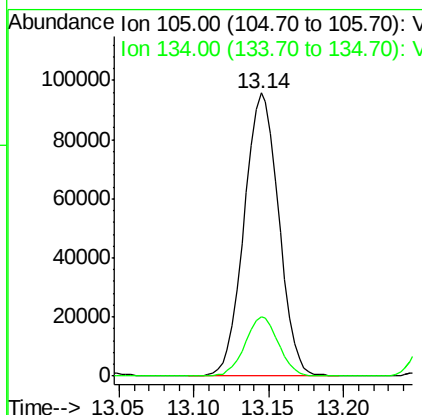
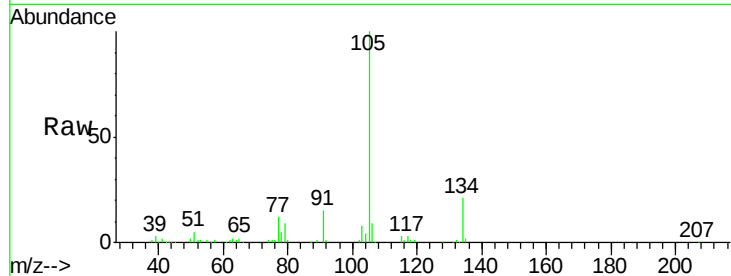
#85
 sec-Butylbenzene
 Concen: 18.278 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.1

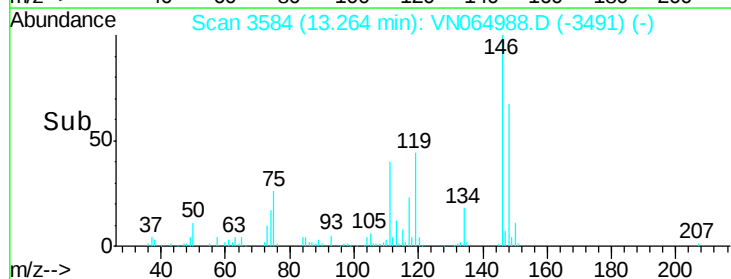
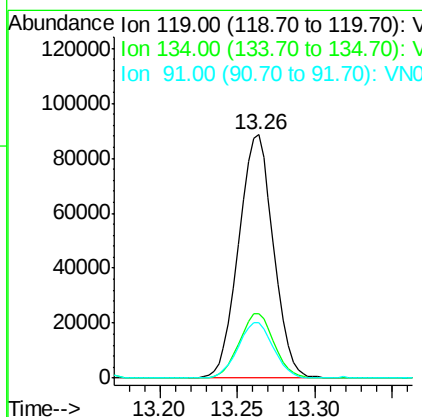
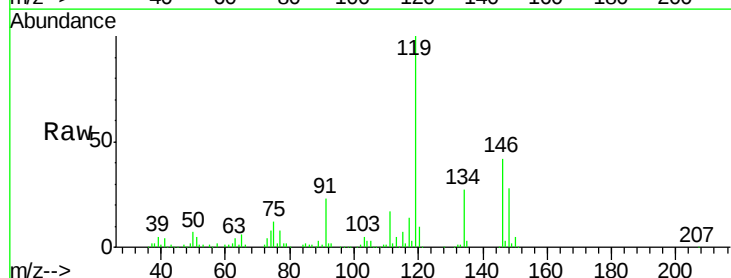
Manual Integrations
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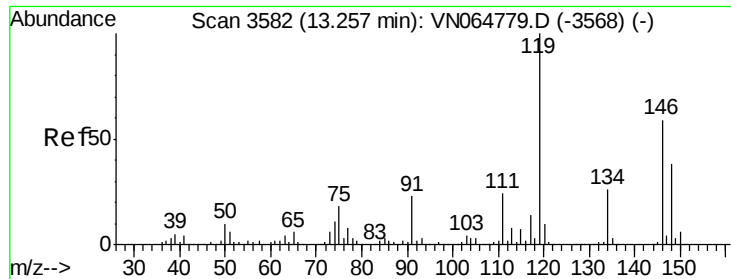
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 12/10/2020 9:55:56 AM



#86
 p-Isopropyltoluene
 Concen: 18.143 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.1	39.1
91	23.3	11.5	34.5





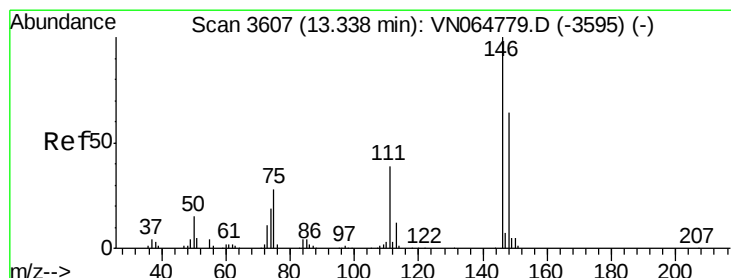
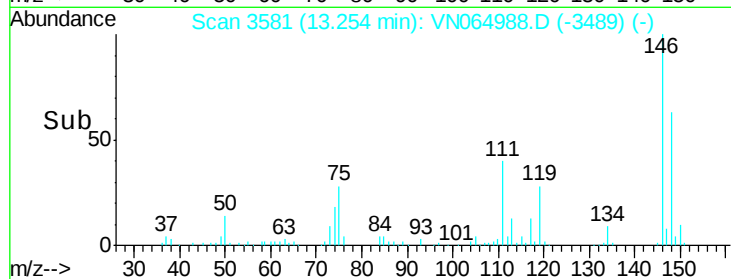
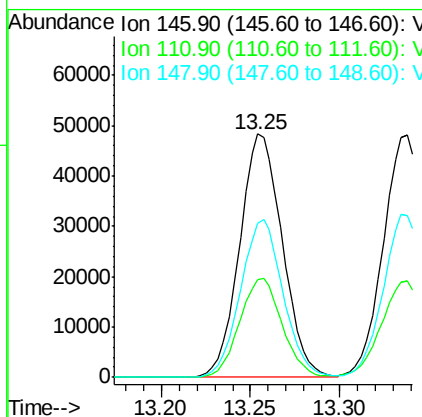
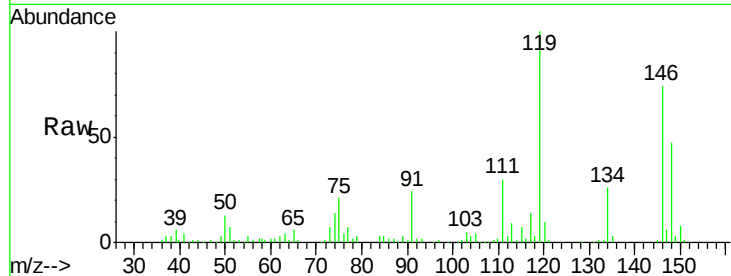
#87
 1,3-Dichlorobenzene
 Concen: 18.634 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.9
148	64.7	31.9	95.5

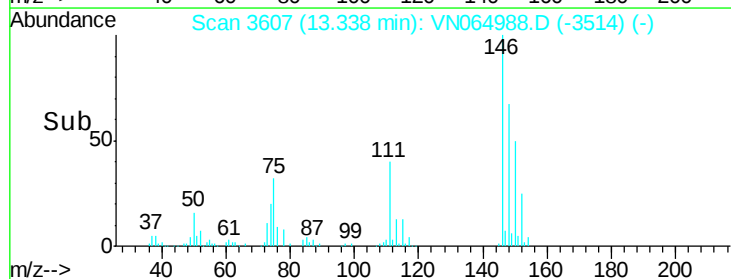
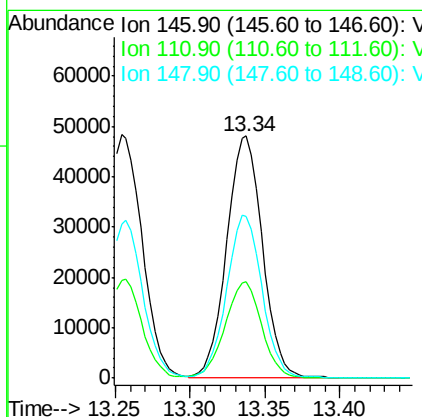
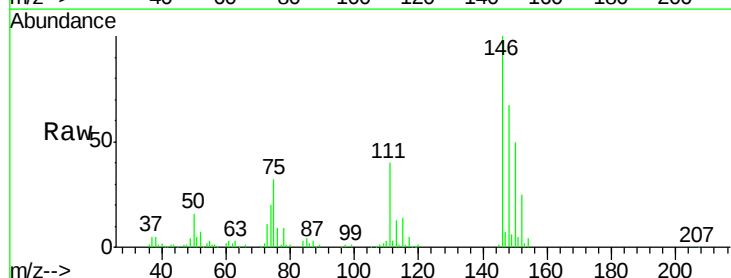
Manual Integrations
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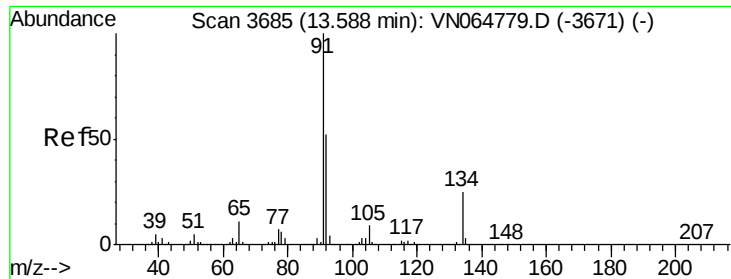
MMDadoda
 12/10/2020 9:55:56 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.493 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.8	59.3
148	66.6	31.9	95.5





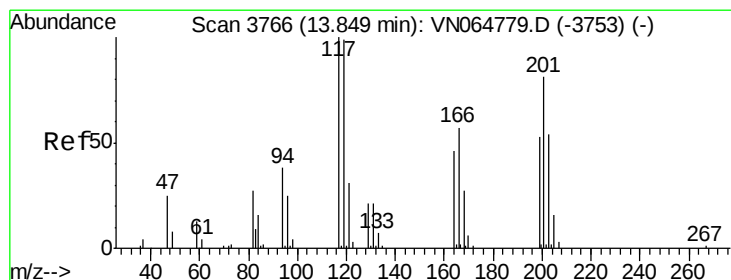
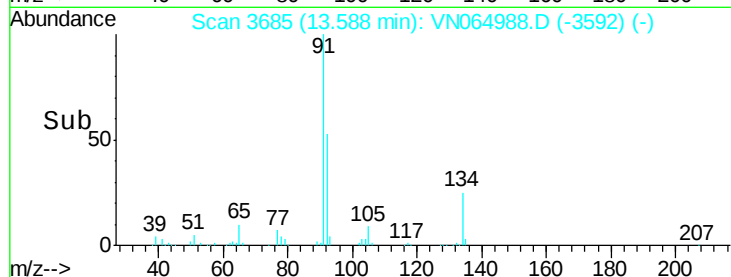
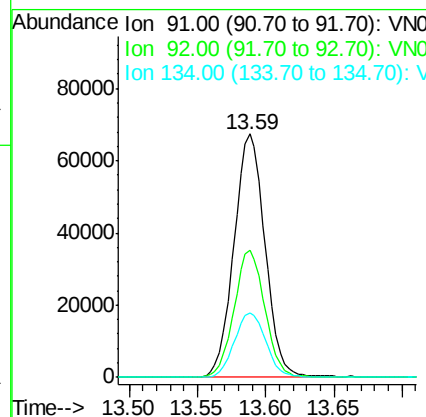
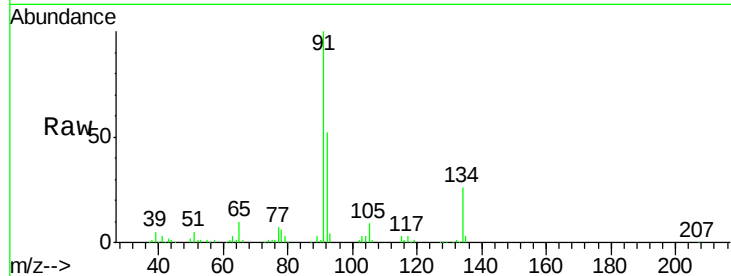
#89
n-Butylbenzene
Concen: 15.912 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	26.8	12.9	38.6

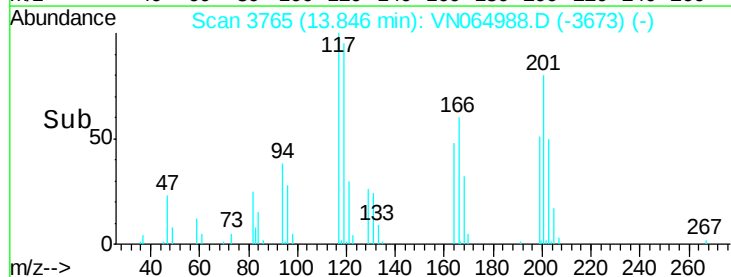
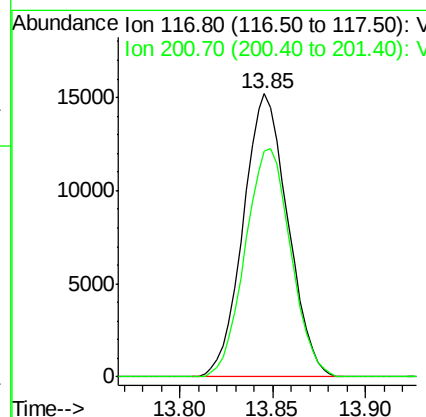
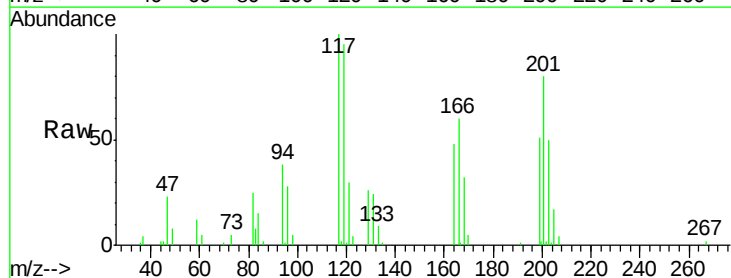
Manual Integrations
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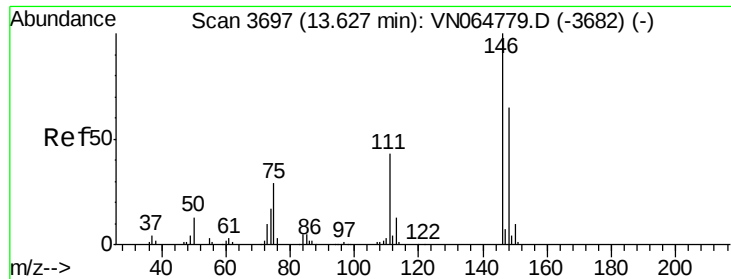
MMDadoda
12/10/2020 9:55:56 AM



#90
Hexachloroethane
Concen: 19.144 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.2	40.1	120.3





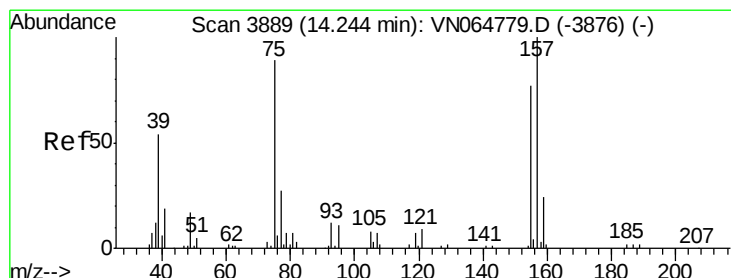
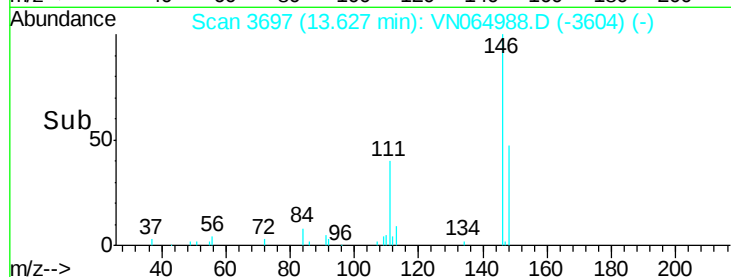
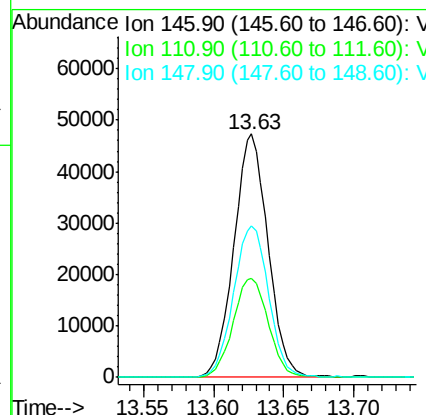
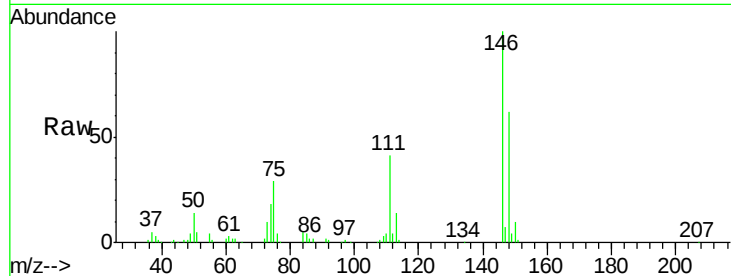
#91
 1,2-Dichlorobenzene
 Concen: 18.822 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.1
148	63.8	32.0	96.2

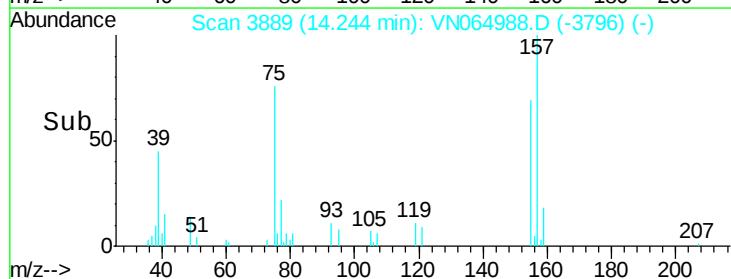
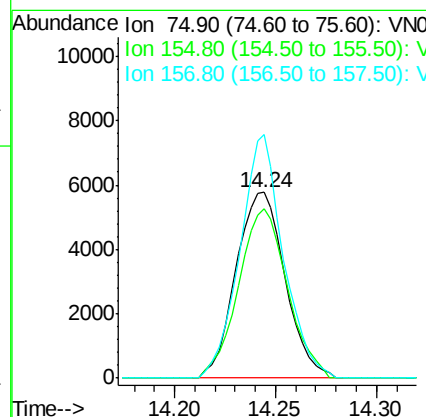
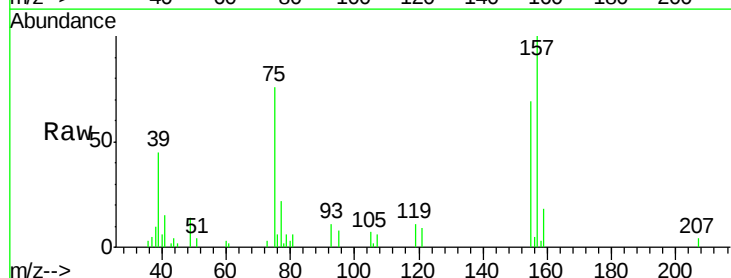
Manual Integrations
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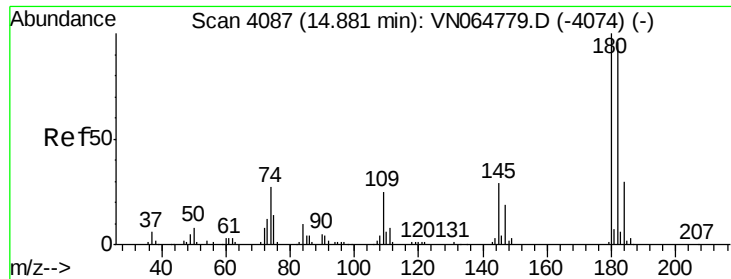
MMDadoda
 12/10/2020 9:55:56 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.454 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	42.8	128.3
157	115.7	56.4	169.1





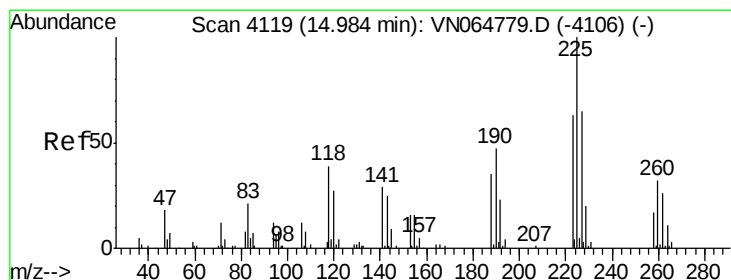
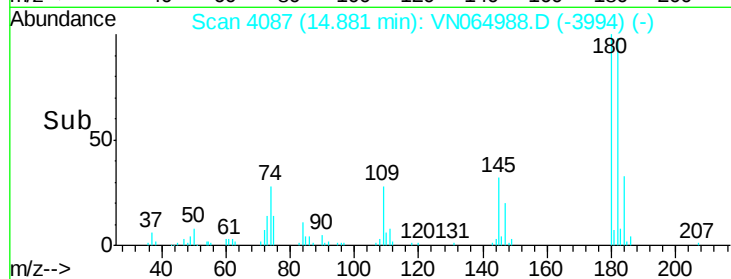
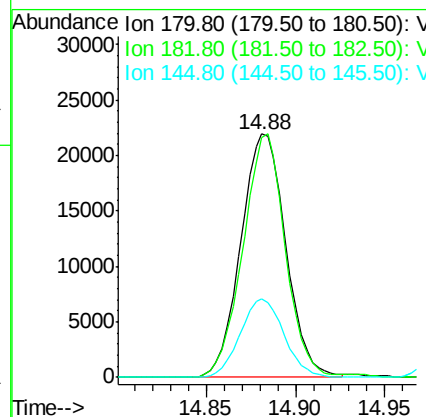
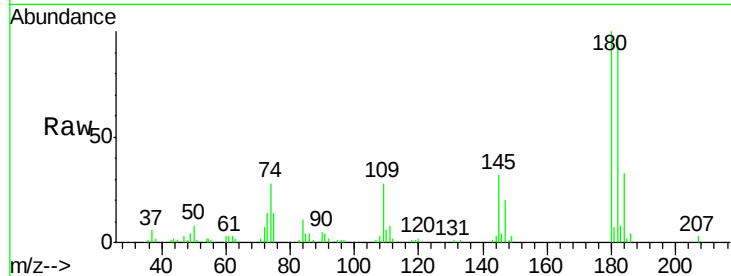
#93
 1,2,4-Trichlorobenzene
 Concen: 14.576 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.6	142.9
145	31.2	15.3	45.8

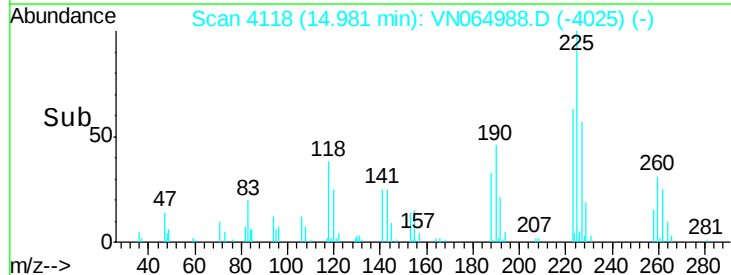
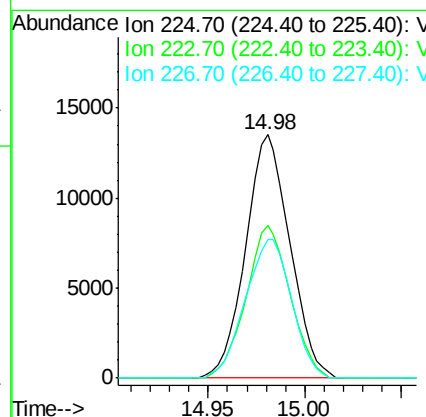
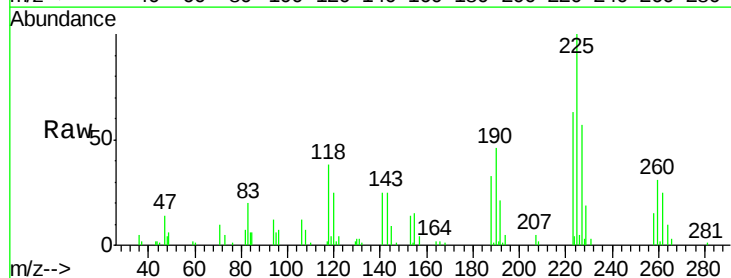
Manual Integrations
 APPROVED

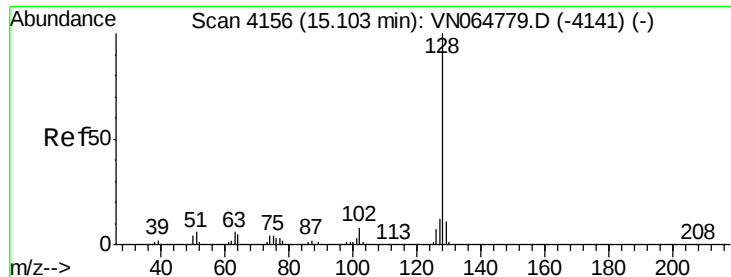
MMDadoda
 12/10/2020 9:55:56 AM



#94
 Hexachlorobutadiene
 Concen: 18.365 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064988.D
 Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.0	93.0
227	59.5	32.0	96.0





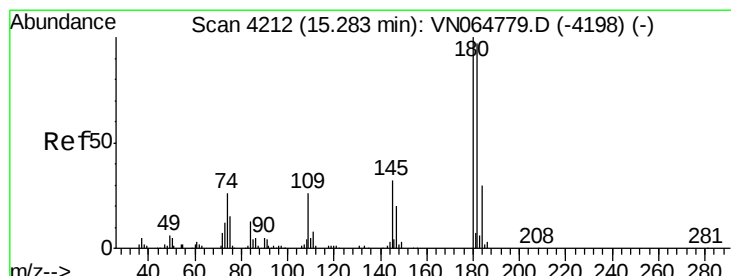
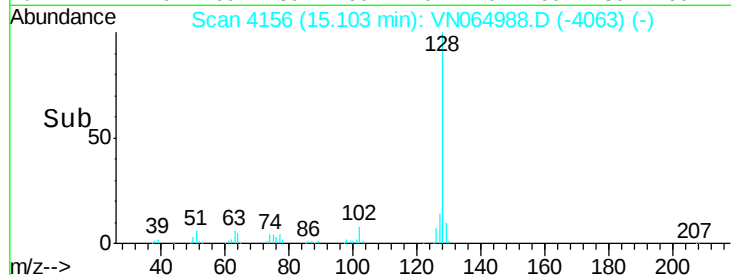
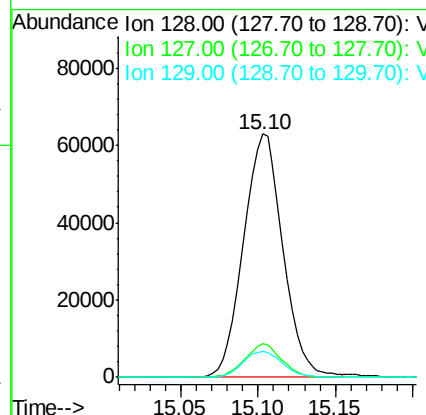
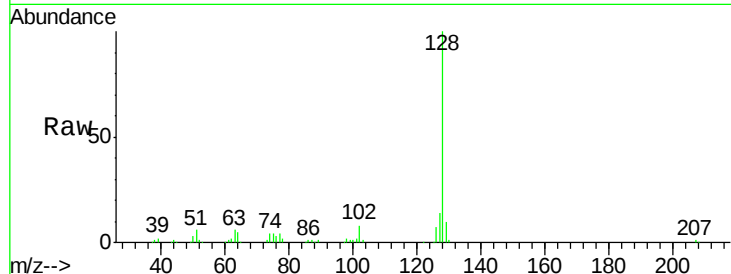
#95
Naphthalene
Concen: 14.122 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBSD02

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

Manual Integrations
APPROVED

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12/10/2020 9:55:56 AM



#96
1,2,3-Trichlorobenzene
Concen: 16.035 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064988.D
Acq: 8 Dec 2020 23:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.1	144.4
145	32.1	16.4	49.1

