

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121622\
 Data File : VN075839.D
 Acq On : 16 Dec 2022 11:49
 Operator : JC\MD
 Sample : VN1216WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD01

Quant Time: Dec 17 08:37:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	292362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	472742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	427446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206576	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	169809	53.389	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.780%	
35) Dibromofluoromethane	8.171	113	151601	51.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.560%	
50) Toluene-d8	10.571	98	567638	51.858	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.720%	
62) 4-Bromofluorobenzene	12.853	95	188964	52.122	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	37659	18.141	ug/l	100
3) Chloromethane	2.377	50	45988	17.816	ug/l	93
4) Vinyl Chloride	2.530	62	56050	18.203	ug/l	100
5) Bromomethane	2.965	94	47386	18.108	ug/l	93
6) Chloroethane	3.130	64	42891	18.810	ug/l	94
7) Trichlorofluoromethane	3.512	101	86830	18.584	ug/l	100
8) Diethyl Ether	3.977	74	35174	20.612	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.395	101	50665	18.990	ug/l	99
10) Methyl Iodide	4.606	142	79482	18.357	ug/l	99
11) Tert butyl alcohol	5.536	59	43778	97.273	ug/l	100
12) 1,1-Dichloroethene	4.359	96	48189	18.597	ug/l	95
13) Acrolein	4.200	56	70528	127.825	ug/l	97
14) Allyl chloride	5.042	41	63168	20.854	ug/l	99
15) Acrylonitrile	5.736	53	126869	103.299	ug/l	98
16) Acetone	4.442	43	104144	94.985	ug/l	96
17) Carbon Disulfide	4.724	76	112599	17.948	ug/l	100
18) Methyl Acetate	5.042	43	64645	19.946	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	175514	20.569	ug/l	96
20) Methylene Chloride	5.289	84	59325	19.840	ug/l	94
21) trans-1,2-Dichloroethene	5.806	96	52110	18.363	ug/l	95
22) Diisopropyl ether	6.683	45	152064	20.665	ug/l	98
23) Vinyl Acetate	6.618	43	514787	103.940	ug/l	99
24) 1,1-Dichloroethane	6.583	63	93809	19.116	ug/l	98
25) 2-Butanone	7.494	43	156147	101.712	ug/l	96
26) 2,2-Dichloropropane	7.500	77	79275	19.075	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	64046	18.871	ug/l	95
28) Bromochloromethane	7.824	49	43077	20.027	ug/l	95
29) Tetrahydrofuran	7.847	42	102415	106.453	ug/l	98
30) Chloroform	7.971	83	106803	19.330	ug/l	99
31) Cyclohexane	8.265	56	82143	18.033	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	92765	18.937	ug/l	97
36) 1,1-Dichloropropene	8.377	75	73342	18.859	ug/l	98
37) Ethyl Acetate	7.571	43	65380	20.929	ug/l	96
38) Carbon Tetrachloride	8.371	117	83733	19.237	ug/l	93
39) Methylcyclohexane	9.606	83	94980	20.244	ug/l	93
40) Benzene	8.612	78	233130	19.429	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	33368	20.550	ug/l	94
42) 1,2-Dichloroethane	8.677	62	79601	19.954	ug/l	99
43) Isopropyl Acetate	8.694	43	109049	21.162	ug/l	99
44) Trichloroethene	9.353	130	61887	18.308	ug/l	92
45) 1,2-Dichloropropane	9.624	63	55789	19.106	ug/l	99
46) Dibromomethane	9.712	93	42897	19.807	ug/l	99
47) Bromodichloromethane	9.894	83	83887	19.752	ug/l	99
48) Methyl methacrylate	9.688	41	50402	21.717	ug/l	98
49) 1,4-Dioxane	9.700	88	23408	410.252	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	334925	107.474	ug/l	99
52) Toluene	10.635	92	152439	19.507	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	83256	20.026	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	92513	20.268	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	61408	20.020	ug/l	98
56) Ethyl methacrylate	10.876	69	87201	21.403	ug/l	98
57) 1,3-Dichloropropane	11.165	76	101206	20.115	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	156861	120.927	ug/l	99
59) 2-Hexanone	11.200	43	244341	107.514	ug/l	100
60) Dibromochloromethane	11.365	129	67494	19.786	ug/l	99
61) 1,2-Dibromoethane	11.476	107	61817	19.915	ug/l	98
64) Tetrachloroethene	11.106	164	56597	18.817	ug/l	94
65) Chlorobenzene	11.894	112	167040	19.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	62239	19.153	ug/l	97
67) Ethyl Benzene	11.965	91	294633	19.898	ug/l	98
68) m/p-Xylenes	12.076	106	234900	40.081	ug/l	97
69) o-Xylene	12.400	106	115369	19.892	ug/l	99
70) Styrene	12.418	104	185613	20.128	ug/l	99
71) Bromoform	12.582	173	48177	20.374	ug/l #	99
73) Isopropylbenzene	12.700	105	298578	20.001	ug/l	100
74) N-amyl acetate	12.500	43	91374	20.865	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	89374	19.367	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	105990	25.453	ug/l	71
77) Bromobenzene	12.982	156	72477	19.184	ug/l	98
78) n-propylbenzene	13.041	91	332324	20.184	ug/l	100
79) 2-Chlorotoluene	13.129	91	204017	19.850	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	252776	20.232	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	23862	20.627	ug/l	97
82) 4-Chlorotoluene	13.129	91	204017	19.850	ug/l	99
83) tert-Butylbenzene	13.441	119	228735	20.764	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	253583	20.459	ug/l	100
85) sec-Butylbenzene	13.623	105	312282	20.539	ug/l	99
86) p-Isopropyltoluene	13.735	119	261887	20.700	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	131222	18.803	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	132698	18.614	ug/l	100
89) n-Butylbenzene	14.065	91	201246	19.635	ug/l	99
90) Hexachloroethane	14.335	117	44542	19.682	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	131921	19.192	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15616	19.070	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	63833	18.757	ug/l	99
94) Hexachlorobutadiene	15.506	225	34123	18.378	ug/l	97
95) Naphthalene	15.647	128	194476	18.722	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	63799	20.058	ug/l	99

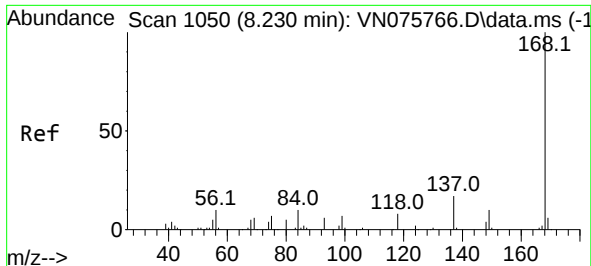
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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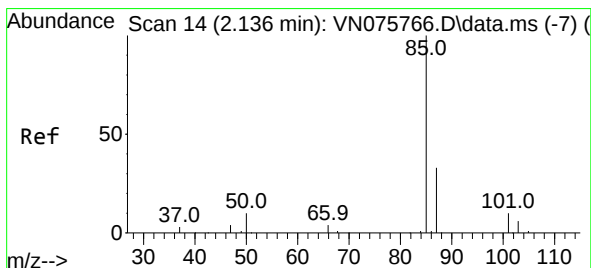
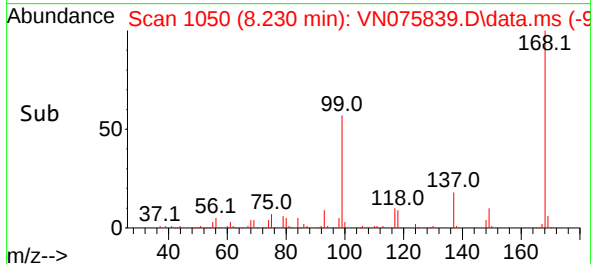
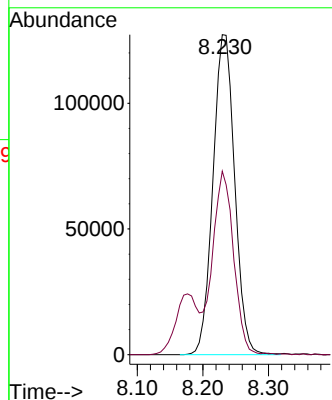
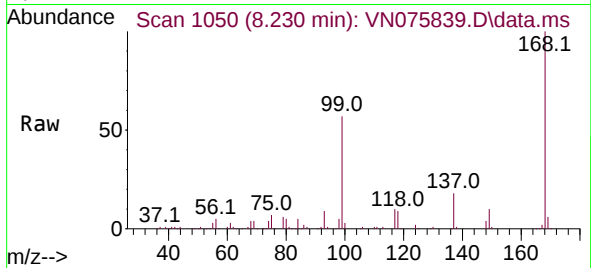
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
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Acq: 16 Dec 2022 11:49

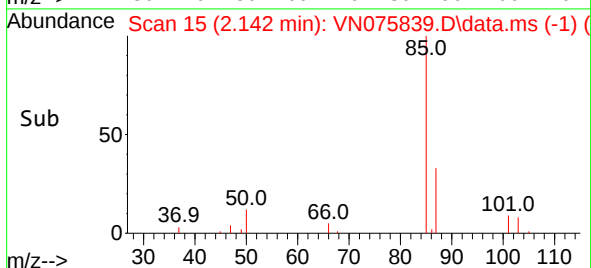
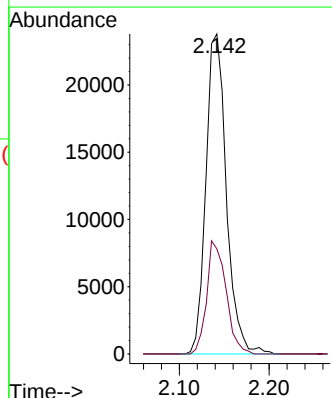
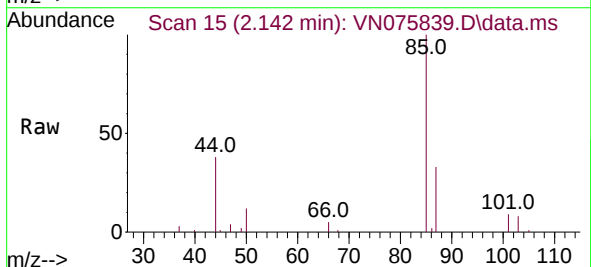
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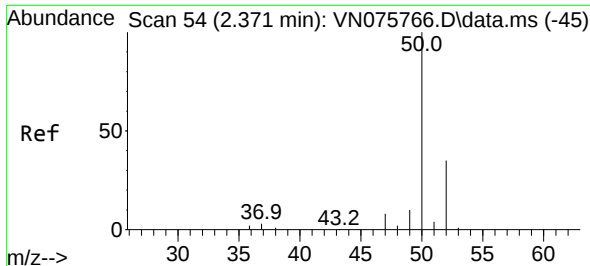
Tgt Ion:168 Resp: 292362
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 18.141 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 85 Resp: 37659
Ion Ratio Lower Upper
85 100
87 32.8 16.3 48.9

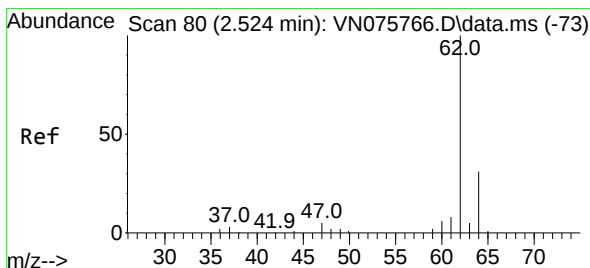
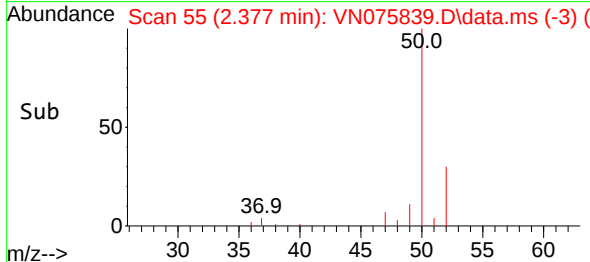
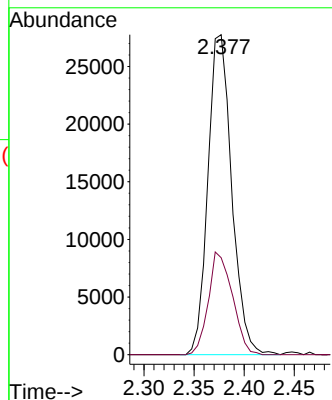
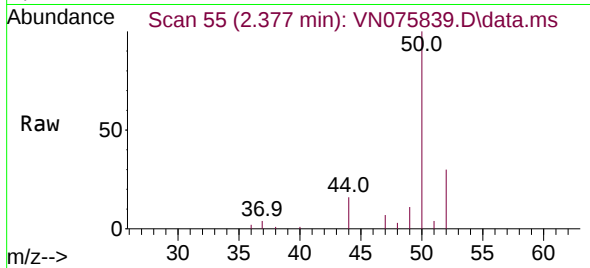




#3
Chloromethane
Concen: 17.816 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

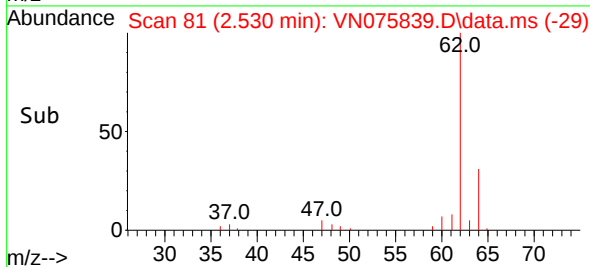
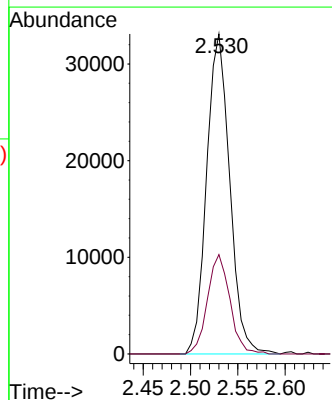
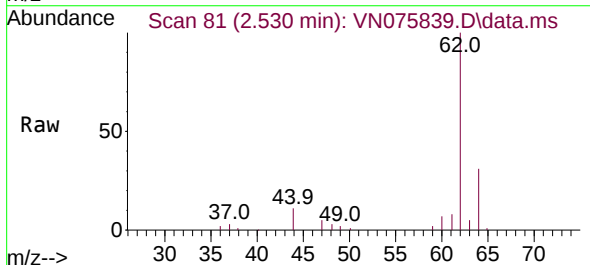
Instrument :
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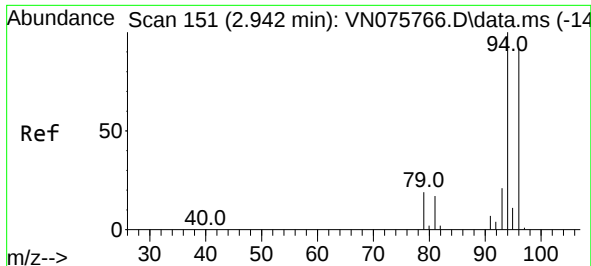
Tgt Ion: 50 Resp: 45988
Ion Ratio Lower Upper
50 100
52 30.3 27.7 41.5



#4
Vinyl Chloride
Concen: 18.203 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 62 Resp: 56050
Ion Ratio Lower Upper
62 100
64 31.1 24.9 37.3

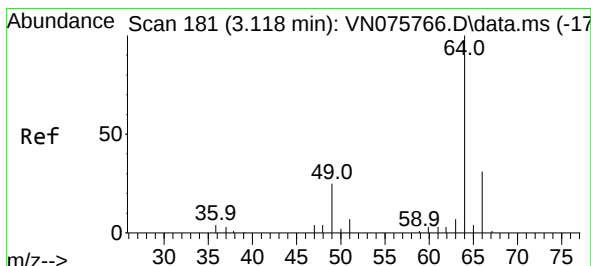
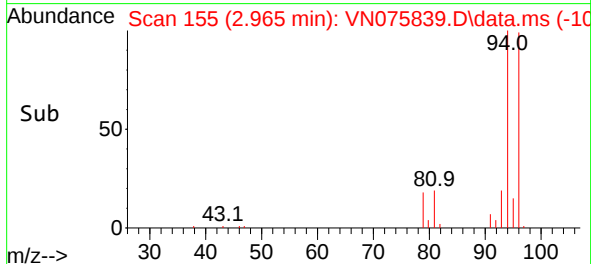
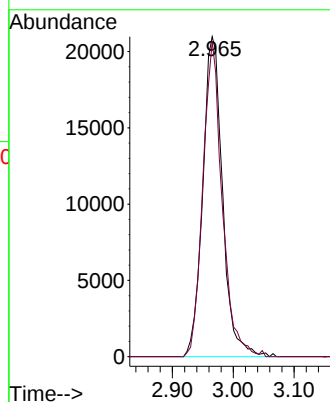
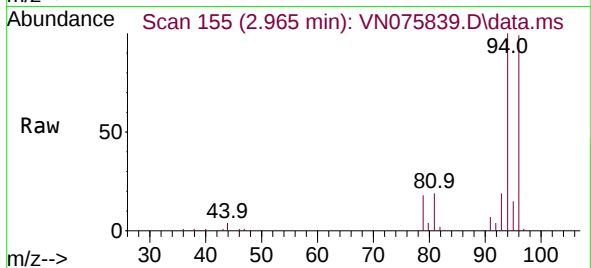




#5
Bromomethane
Concen: 18.108 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

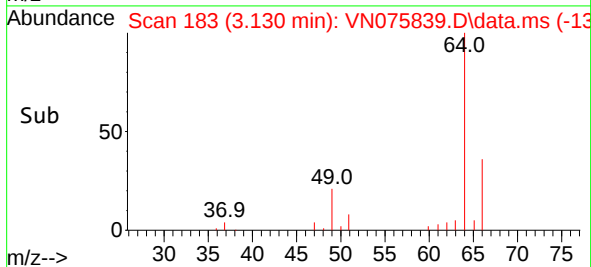
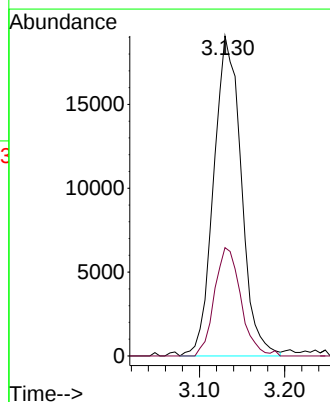
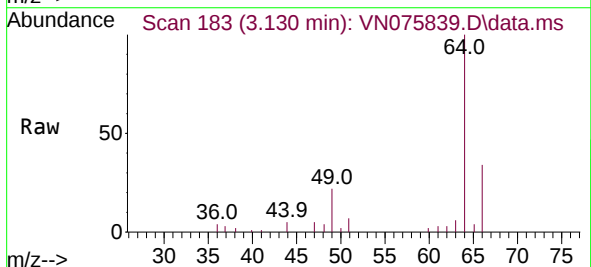
Instrument :
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Tgt Ion: 94 Resp: 47386
Ion Ratio Lower Upper
94 100
96 98.5 73.8 110.6



#6
Chloroethane
Concen: 18.810 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 64 Resp: 42891
Ion Ratio Lower Upper
64 100
66 33.9 24.6 36.8

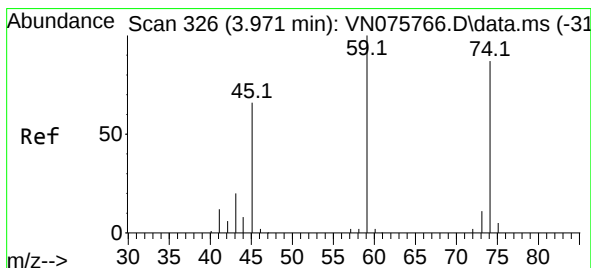
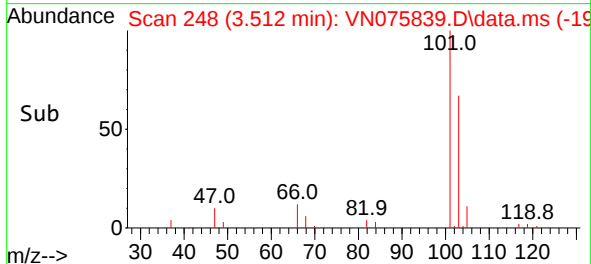
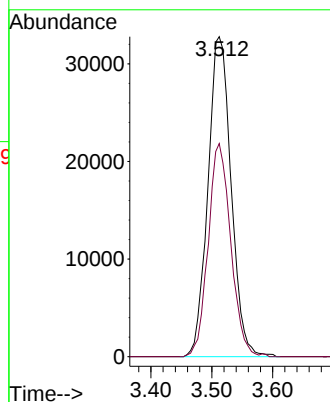
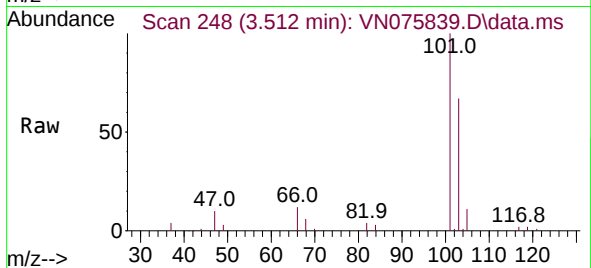




#7
 Trichlorofluoromethane
 Concen: 18.584 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075839.D
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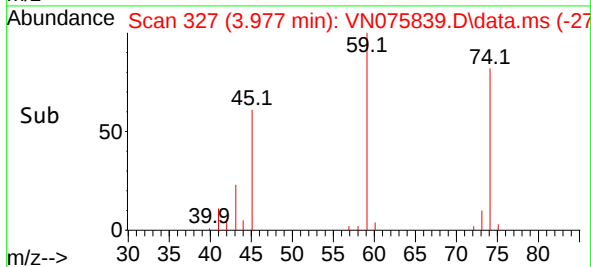
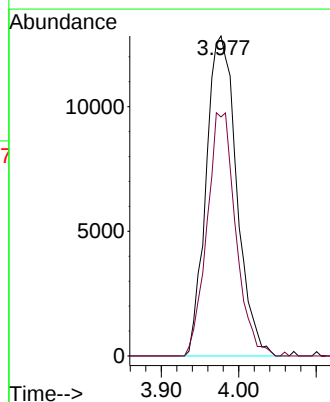
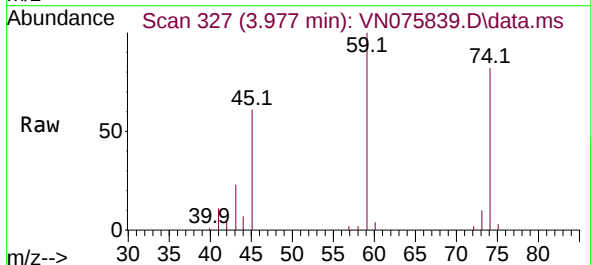
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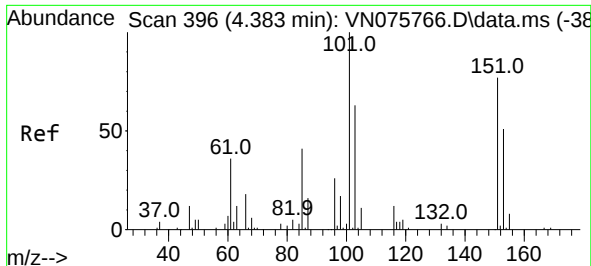
Tgt Ion:101 Resp: 86830
 Ion Ratio Lower Upper
 101 100
 103 66.6 53.4 80.2



#8
 Diethyl Ether
 Concen: 20.612 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075839.D
 Acq: 16 Dec 2022 11:49

Tgt Ion: 74 Resp: 35174
 Ion Ratio Lower Upper
 74 100
 45 71.6 37.8 113.4

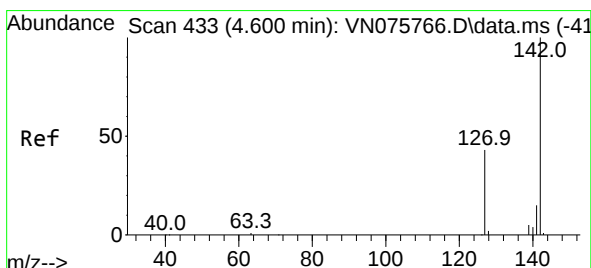
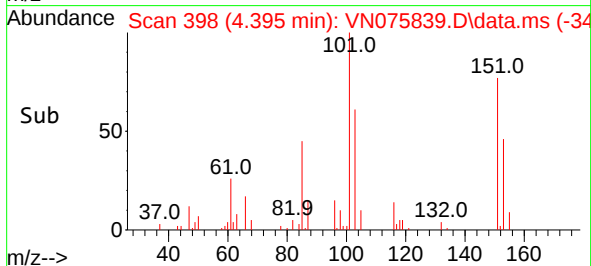
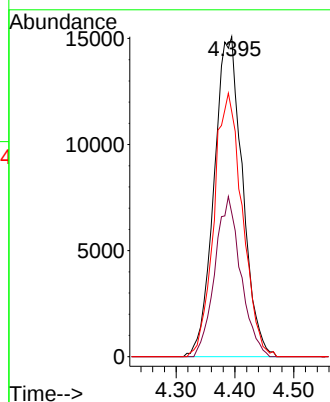
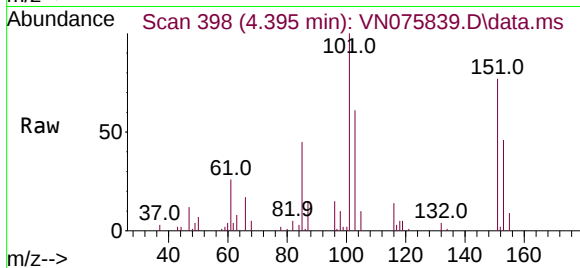




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.990 ug/l
RT: 4.395 min Scan# 396
Delta R.T. 0.012 min
Lab File: VN075839.D
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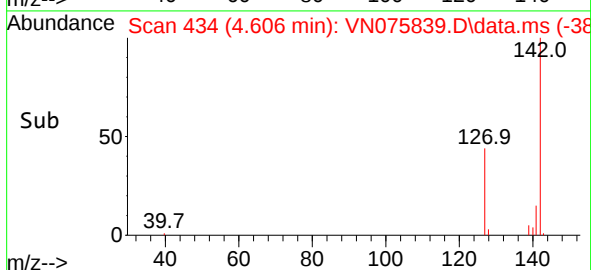
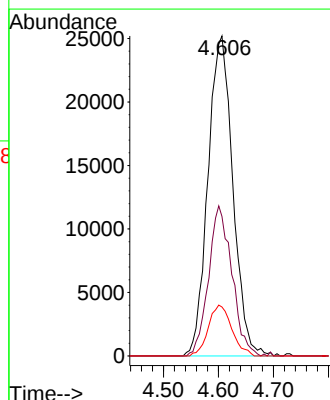
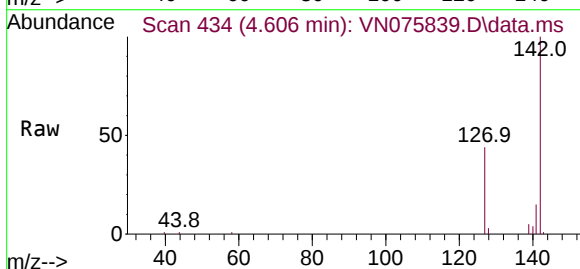
Instrument :
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Tgt Ion:101 Resp: 50665
Ion Ratio Lower Upper
101 100
85 45.6 35.3 52.9
151 82.3 65.6 98.4



#10
Methyl Iodide
Concen: 18.357 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion:142 Resp: 79482
Ion Ratio Lower Upper
142 100
127 43.9 34.7 52.1
141 14.9 11.4 17.2

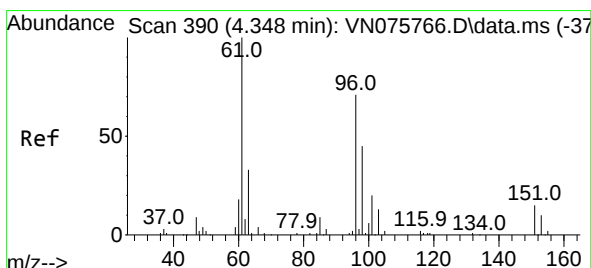
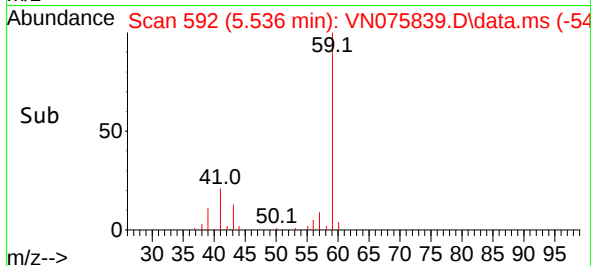
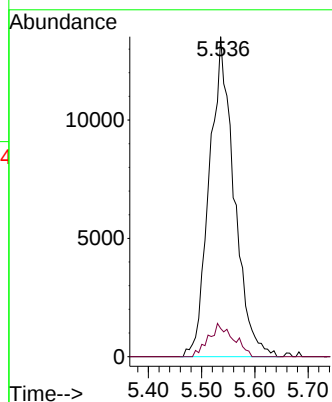
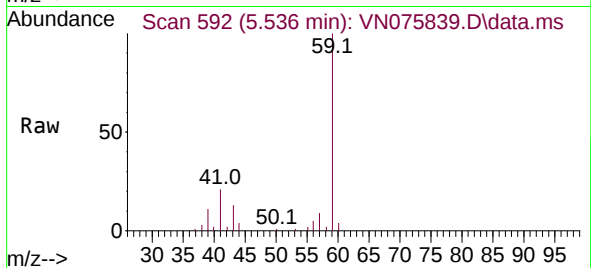




#11
Tert butyl alcohol
Concen: 97.273 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

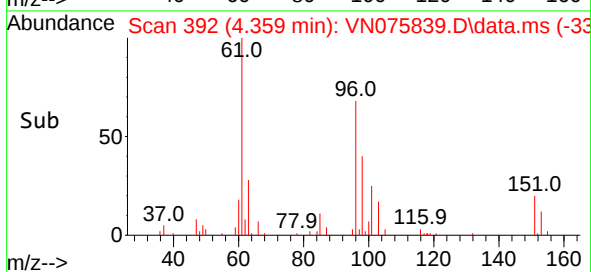
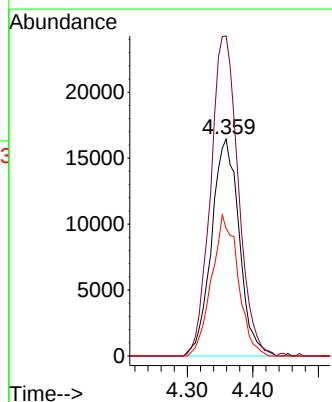
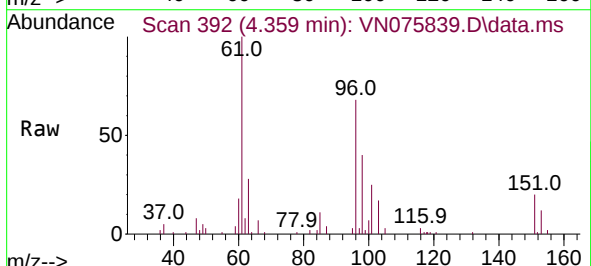
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

Tgt Ion: 59 Resp: 43778
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.597 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 96 Resp: 48189
Ion Ratio Lower Upper
96 100
61 147.6 113.3 169.9
98 58.8 50.9 76.3

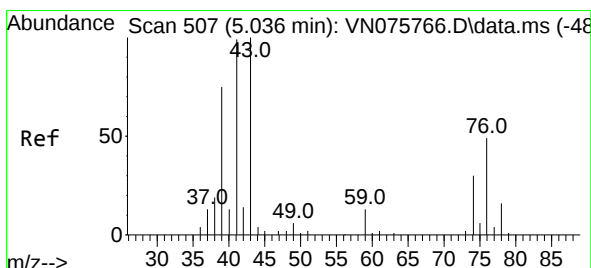
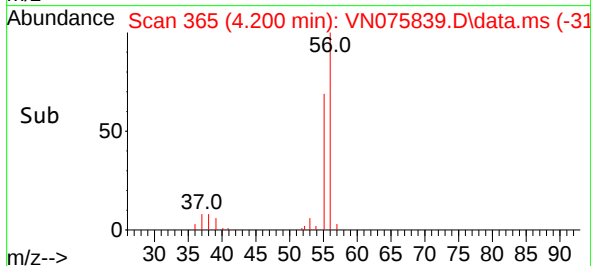
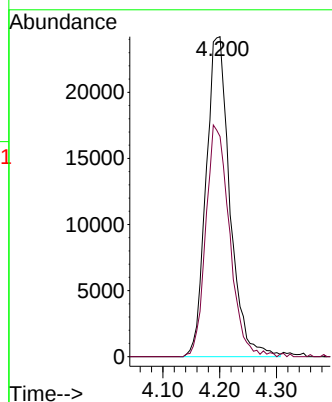
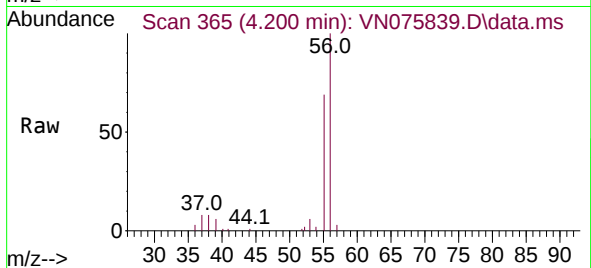




#13
Acrolein
Concen: 127.825 ug/l
RT: 4.200 min Scan# 30
Delta R.T. 0.012 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

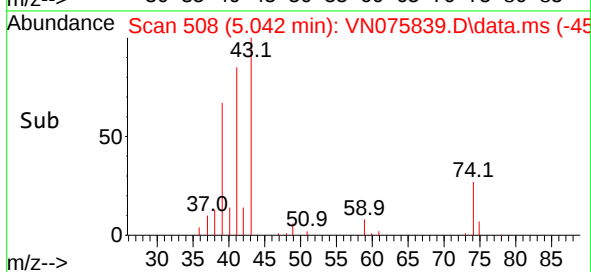
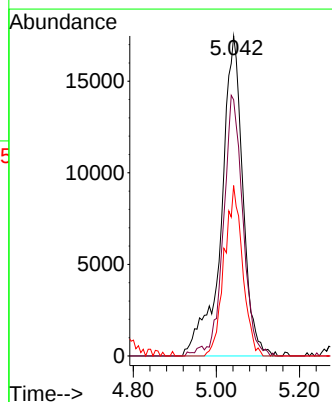
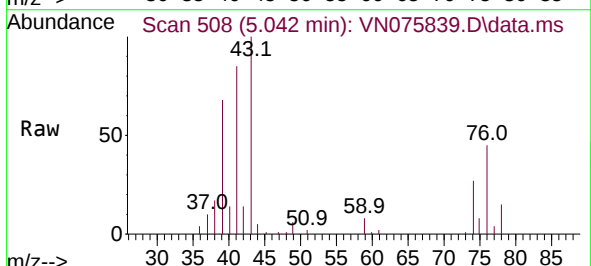
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

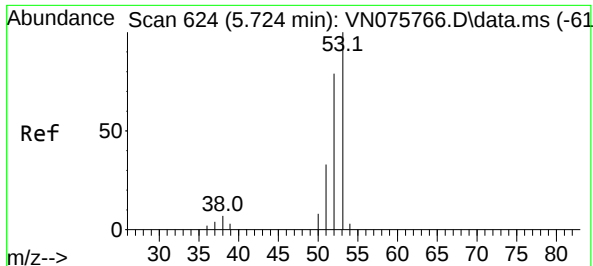
Tgt Ion: 56 Resp: 70528
Ion Ratio Lower Upper
56 100
55 71.3 54.8 82.2



#14
Allyl chloride
Concen: 20.854 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 41 Resp: 63168
Ion Ratio Lower Upper
41 100
39 72.1 58.3 87.5
76 44.9 35.8 53.6

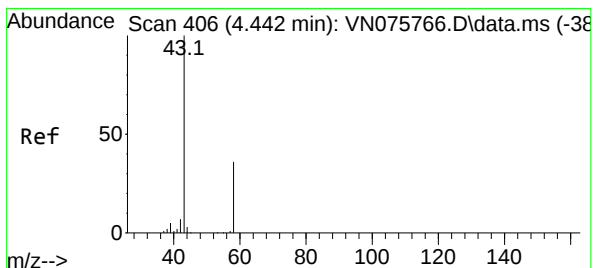
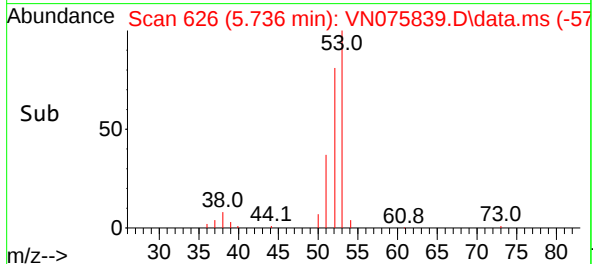
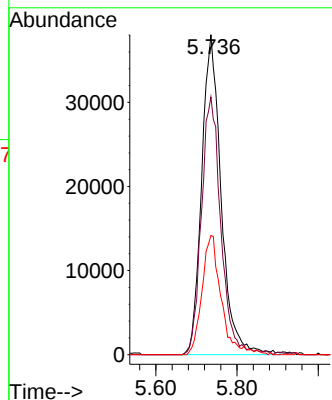
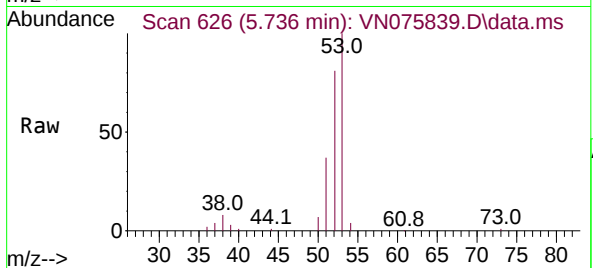




#15
Acrylonitrile
Concen: 103.299 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

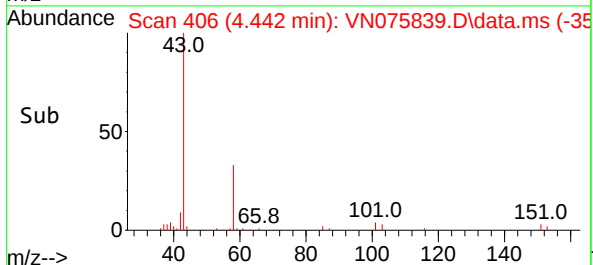
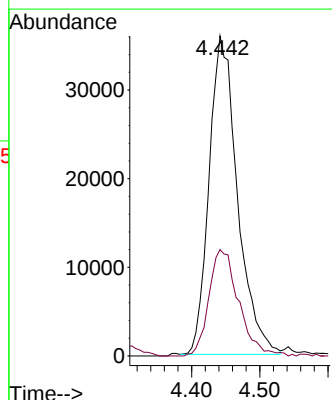
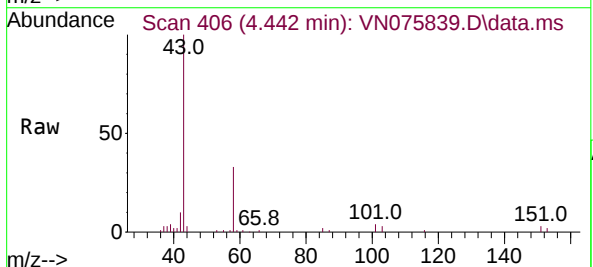
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

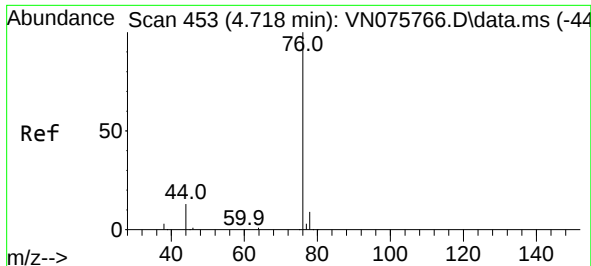
Tgt Ion: 53 Resp: 126869
Ion Ratio Lower Upper
53 100
52 80.0 65.4 98.0
51 36.7 28.9 43.3



#16
Acetone
Concen: 94.985 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 43 Resp: 104144
Ion Ratio Lower Upper
43 100
58 33.4 28.6 43.0

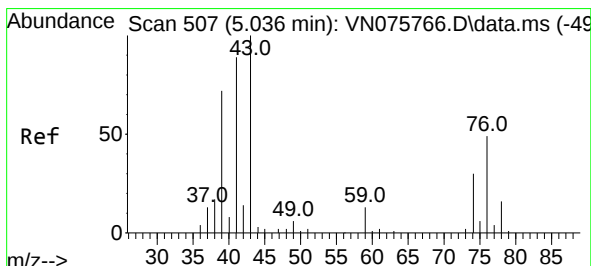
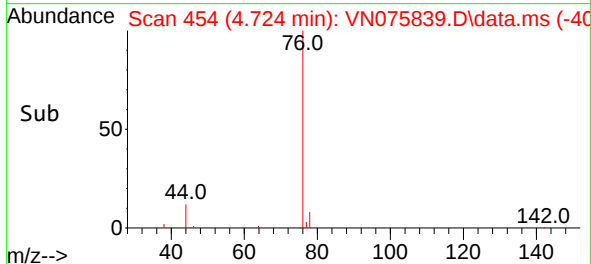
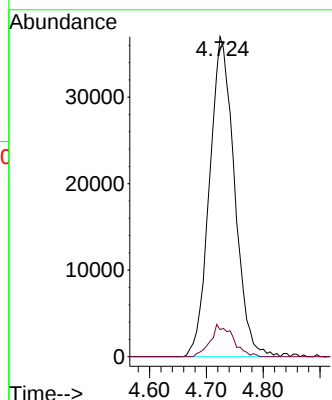
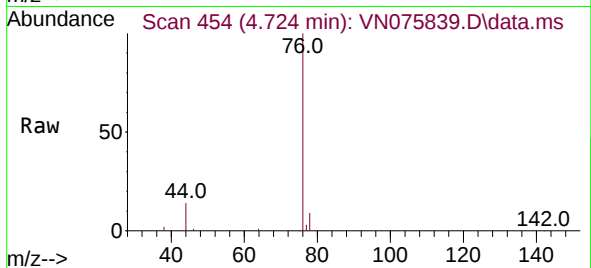




#17
Carbon Disulfide
Concen: 17.948 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

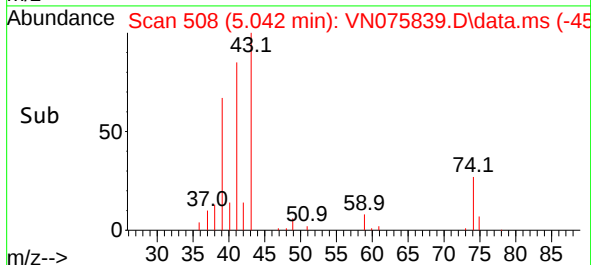
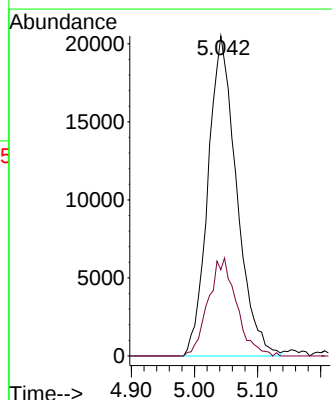
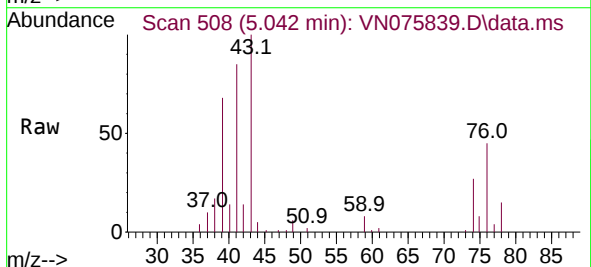
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

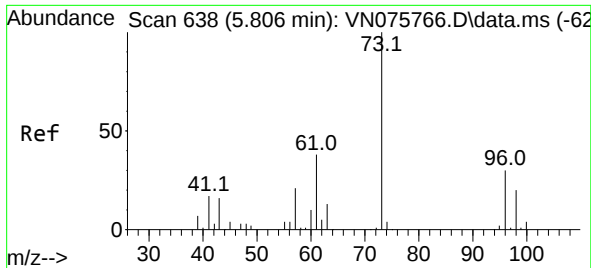
Tgt Ion: 76 Resp: 112599
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 19.946 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 43 Resp: 64645
Ion Ratio Lower Upper
43 100
74 30.3 23.6 35.4

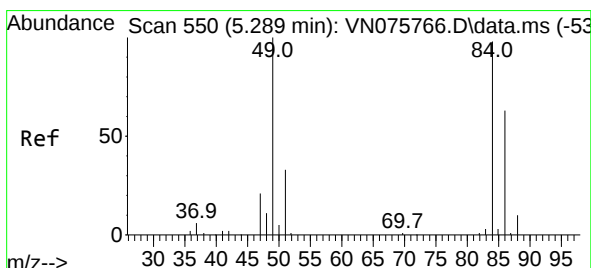
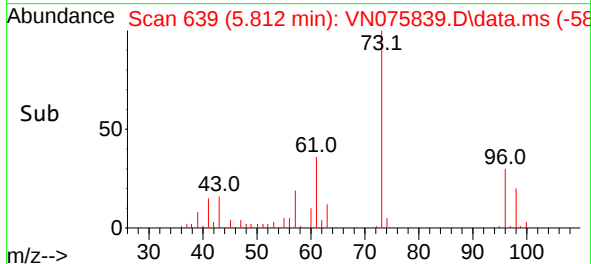
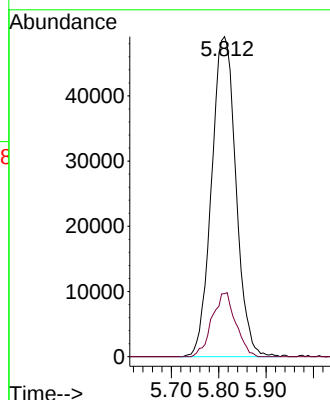
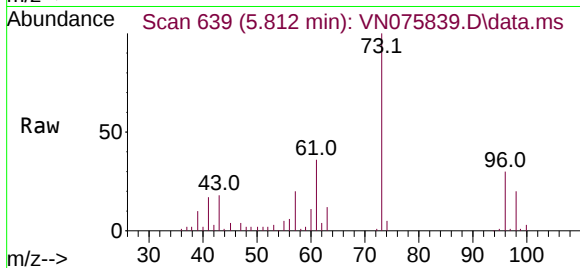




#19
Methyl tert-butyl Ether
Concen: 20.569 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

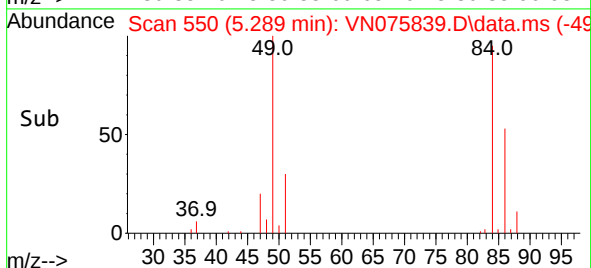
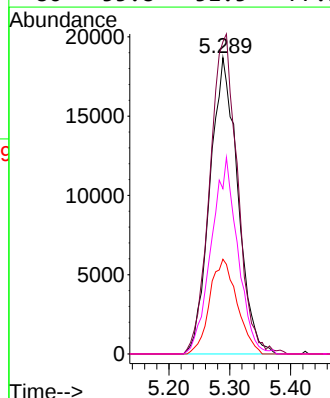
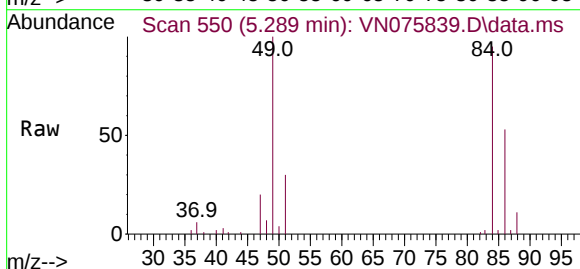
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

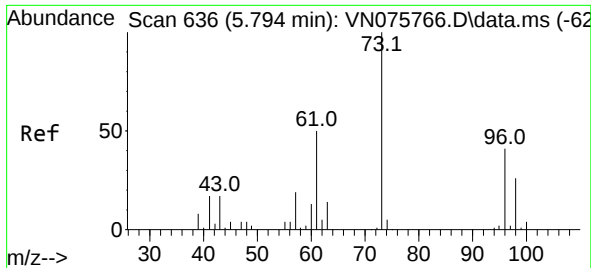
Tgt Ion: 73 Resp: 175514
Ion Ratio Lower Upper
73 100
57 19.7 17.1 25.7



#20
Methylene Chloride
Concen: 19.840 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 84 Resp: 59325
Ion Ratio Lower Upper
84 100
49 105.4 81.8 122.6
51 32.0 26.7 40.1
86 55.8 51.5 77.3

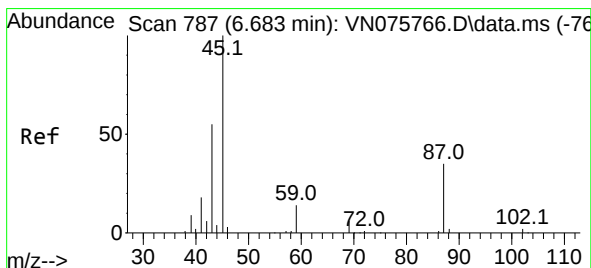
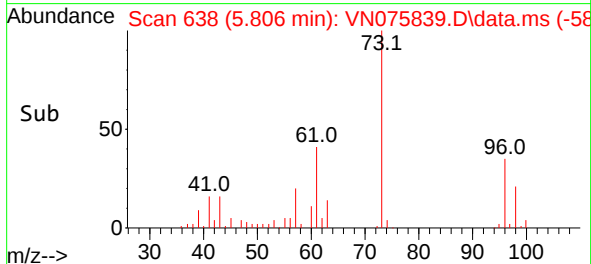
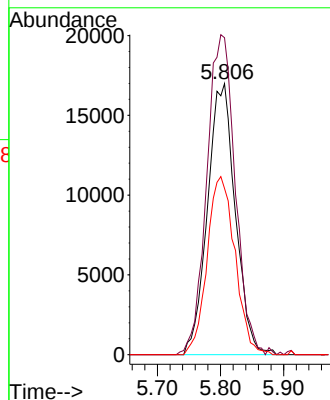
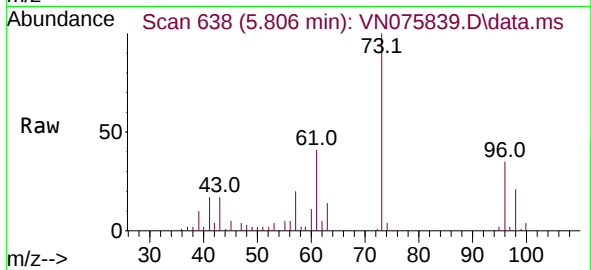




#21
trans-1,2-Dichloroethene
Concen: 18.363 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

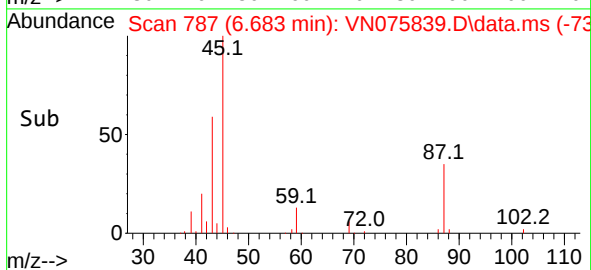
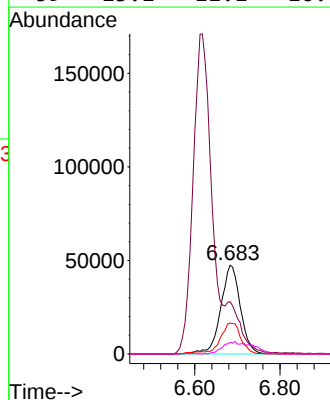
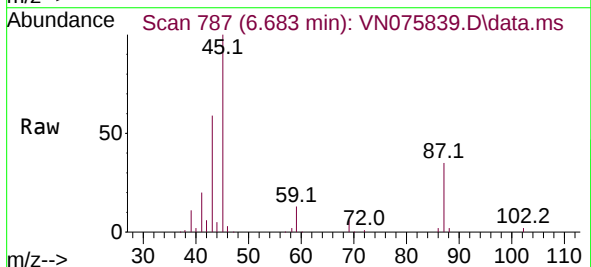
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

Tgt Ion: 96 Resp: 52110
Ion Ratio Lower Upper
96 100
61 115.9 98.1 147.1
98 61.3 51.4 77.2



#22
Diisopropyl ether
Concen: 20.665 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 45 Resp: 152064
Ion Ratio Lower Upper
45 100
43 57.9 44.2 66.4
87 34.9 28.3 42.5
59 13.1 11.1 16.7

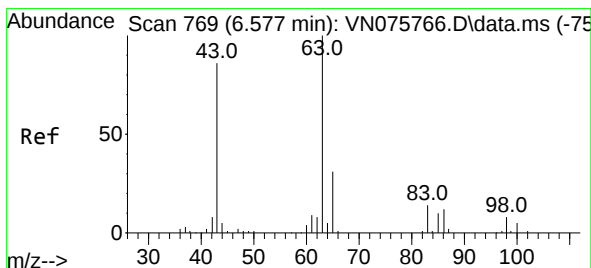
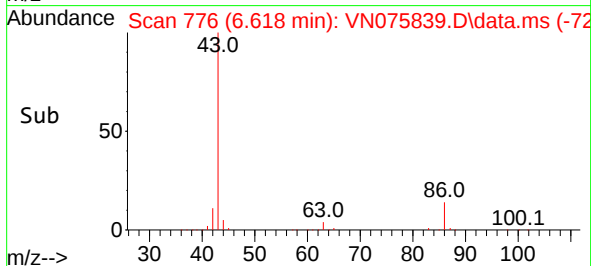
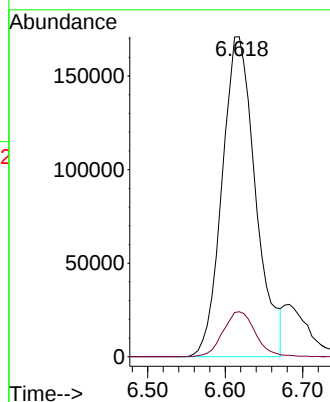
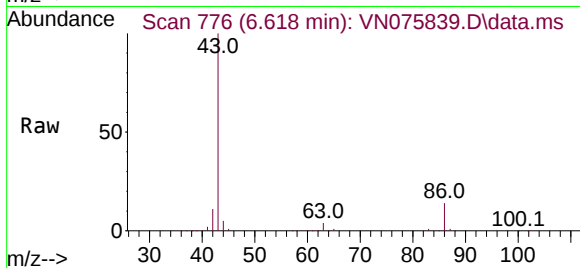




#23
 Vinyl Acetate
 Concen: 103.940 ug/l
 RT: 6.618 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN075839.D
 Acq: 16 Dec 2022 11:49

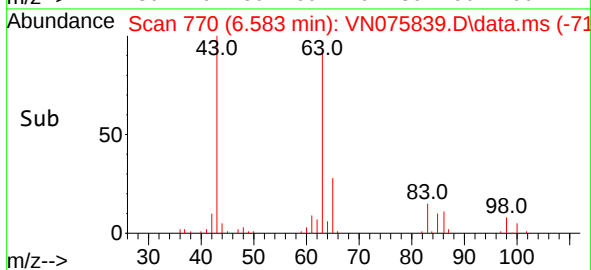
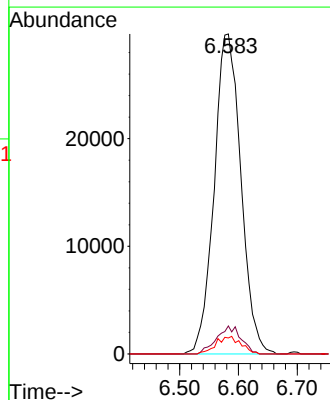
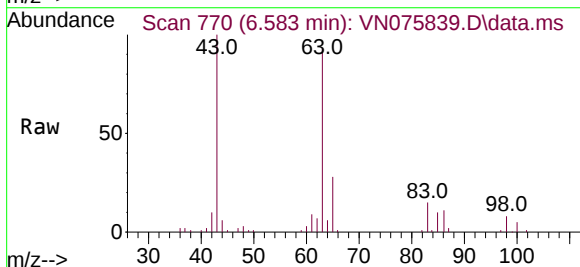
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD01

Tgt Ion: 43 Resp: 514787
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 19.116 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075839.D
 Acq: 16 Dec 2022 11:49

Tgt Ion: 63 Resp: 93809
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.5
 100 5.0 2.5 7.6





#25

2-Butanone

Concen: 101.712 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

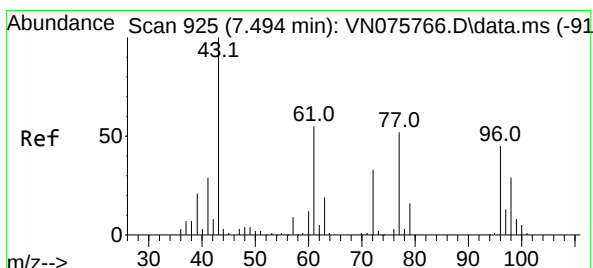
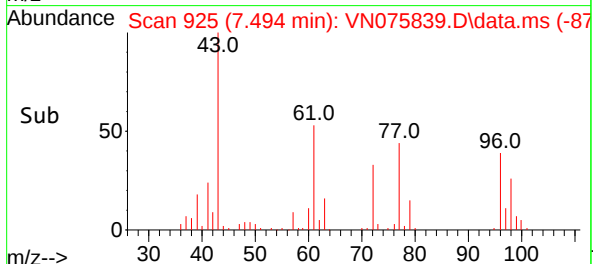
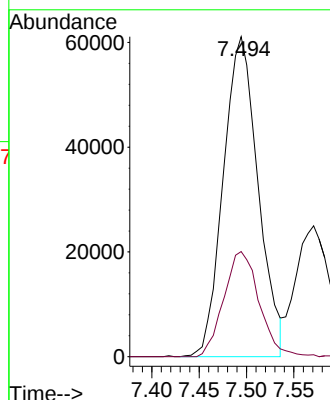
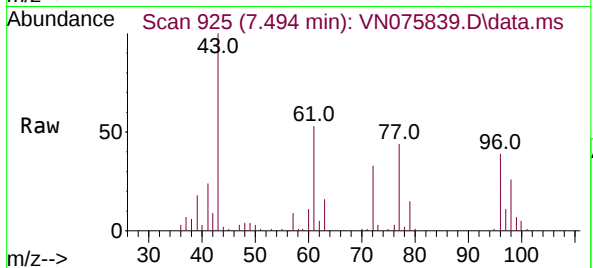
VN1216WBSD01

Tgt Ion: 43 Resp: 156147

Ion Ratio Lower Upper

43 100

72 32.8 28.0 42.0



#26

2,2-Dichloropropane

Concen: 19.075 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075839.D

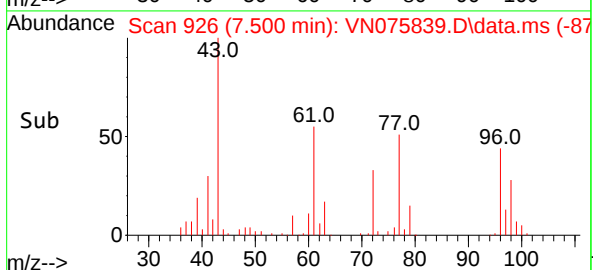
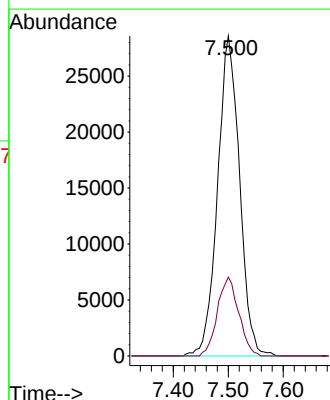
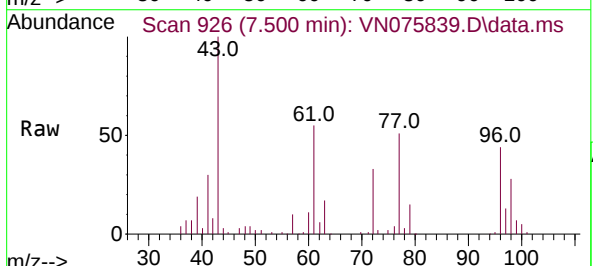
Acq: 16 Dec 2022 11:49

Tgt Ion: 77 Resp: 79275

Ion Ratio Lower Upper

77 100

97 23.9 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 18.871 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01

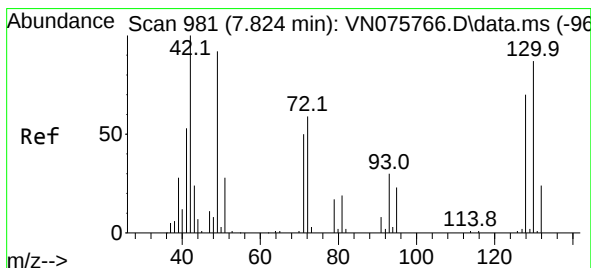
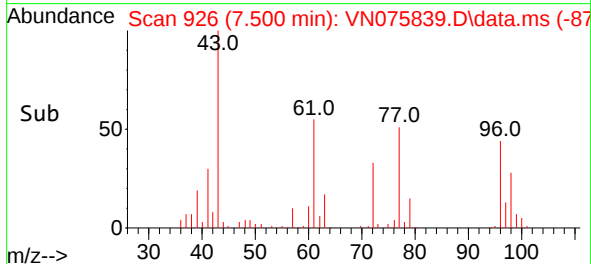
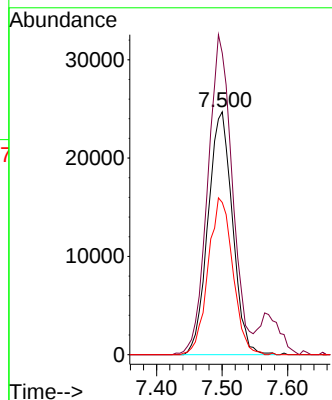
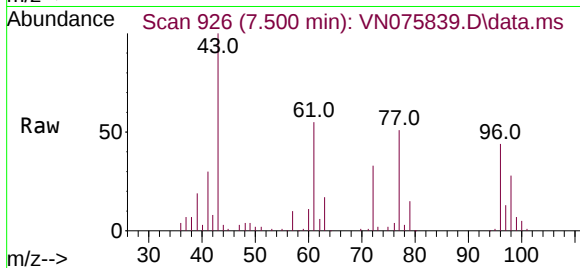
Tgt Ion: 96 Resp: 64046

Ion Ratio Lower Upper

96 100

61 132.1 0.0 247.8

98 65.0 0.0 128.4



#28

Bromochloromethane

Concen: 20.027 ug/l

RT: 7.824 min Scan# 981

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

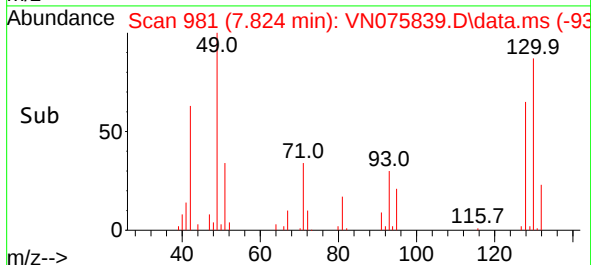
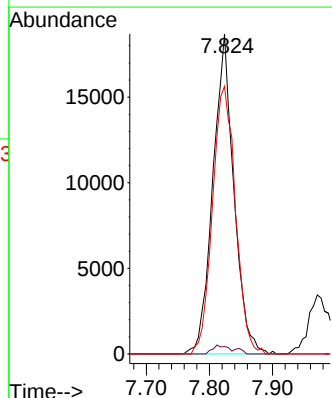
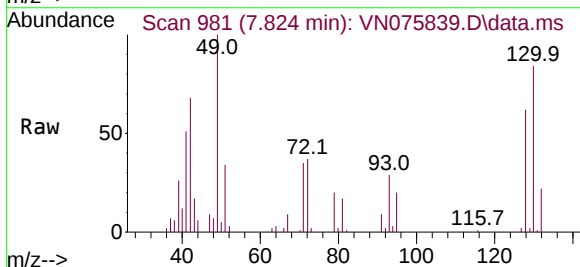
Tgt Ion: 49 Resp: 43077

Ion Ratio Lower Upper

49 100

129 2.0 0.0 5.0

130 91.6 77.0 115.4





#29

Tetrahydrofuran

Concen: 106.453 ug/l

RT: 7.847 min Scan# 9

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01

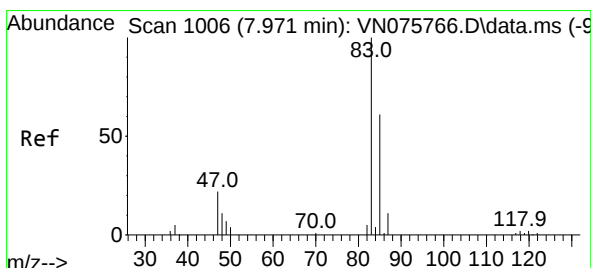
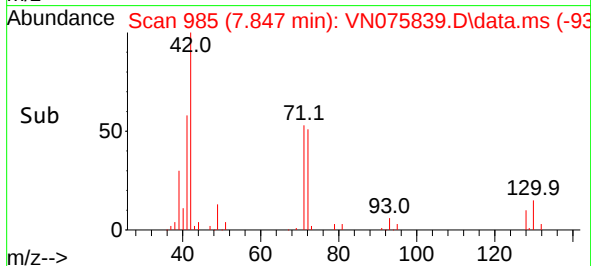
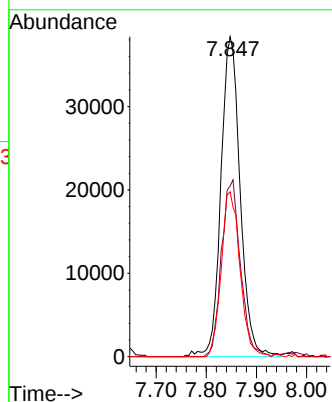
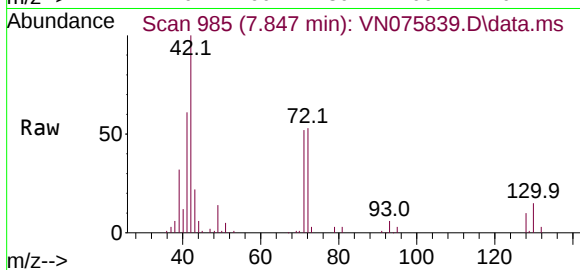
Tgt Ion: 42 Resp: 102415

Ion Ratio Lower Upper

42 100

72 54.4 44.5 66.7

71 50.1 41.0 61.6



#30

Chloroform

Concen: 19.330 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075839.D

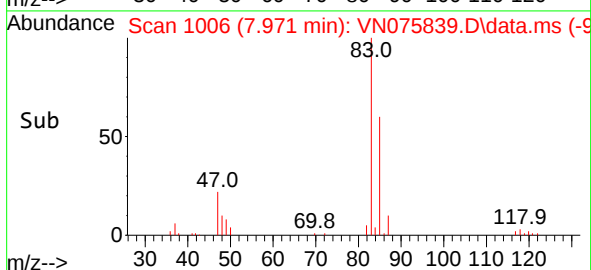
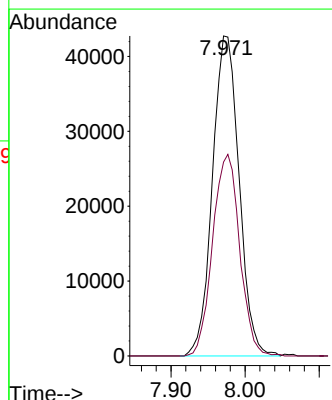
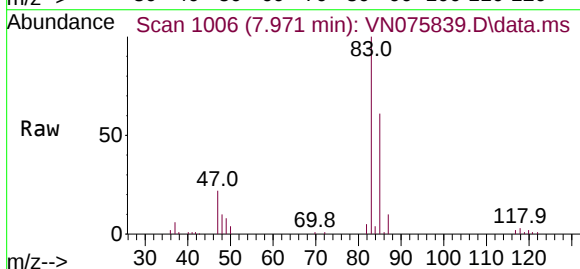
Acq: 16 Dec 2022 11:49

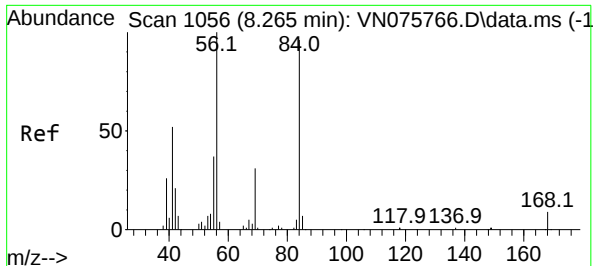
Tgt Ion: 83 Resp: 106803

Ion Ratio Lower Upper

83 100

85 60.6 49.1 73.7

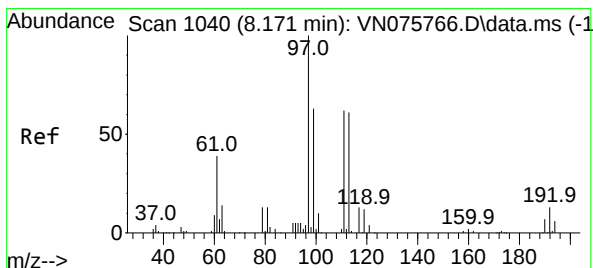
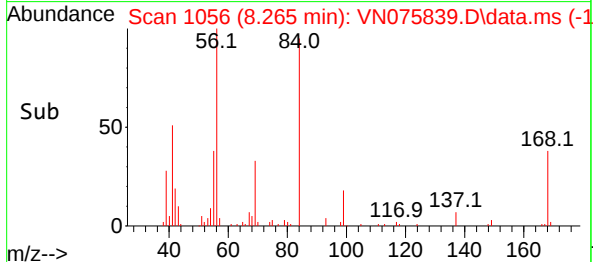
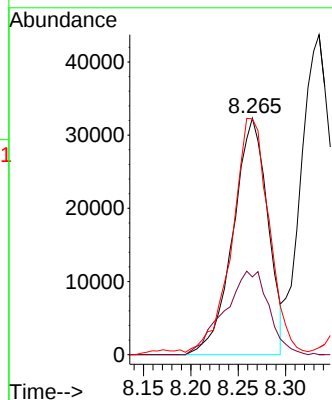
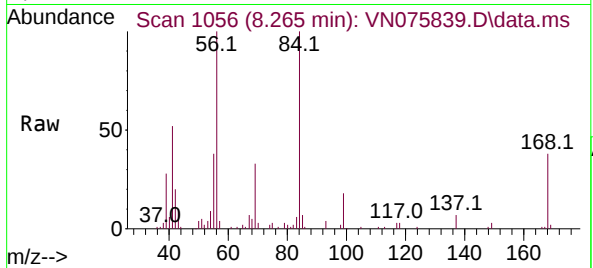




#31
Cyclohexane
Concen: 18.033 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

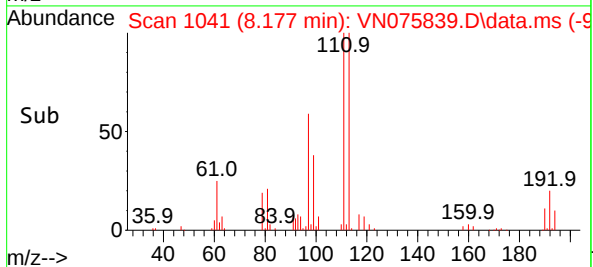
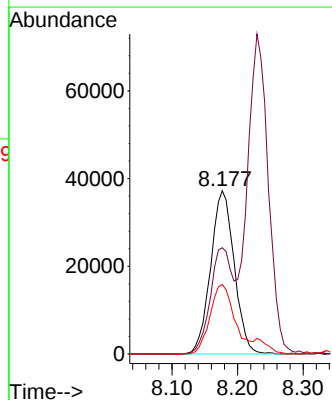
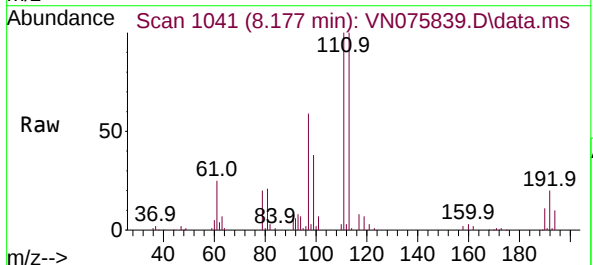
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

Tgt Ion: 56 Resp: 82143
Ion Ratio Lower Upper
56 100
69 32.9 24.7 37.1
84 97.7 76.5 114.7



#32
1,1,1-Trichloroethane
Concen: 18.937 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 97 Resp: 92765
Ion Ratio Lower Upper
97 100
99 60.2 50.2 75.2
61 45.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 53.389 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

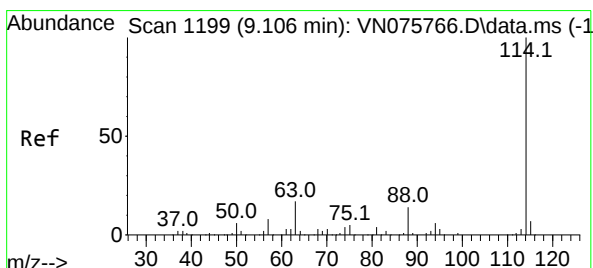
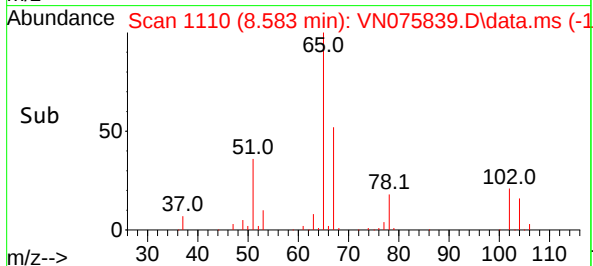
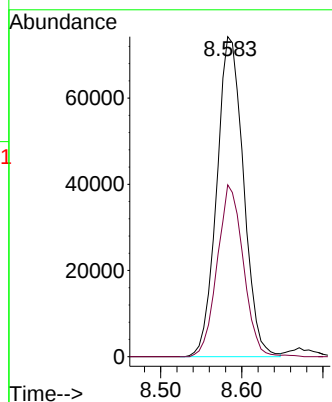
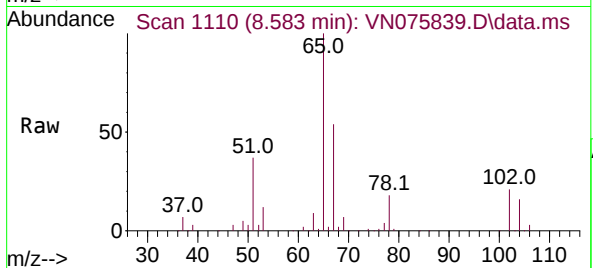
VN1216WBSD01

Tgt Ion: 65 Resp: 169809

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

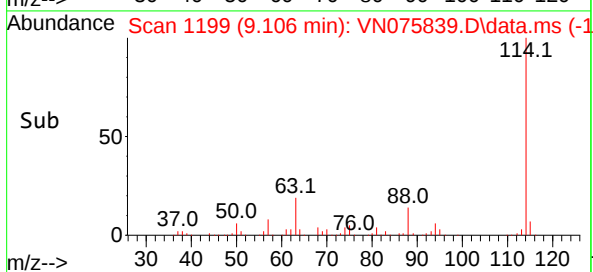
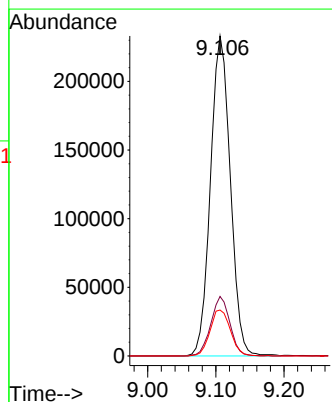
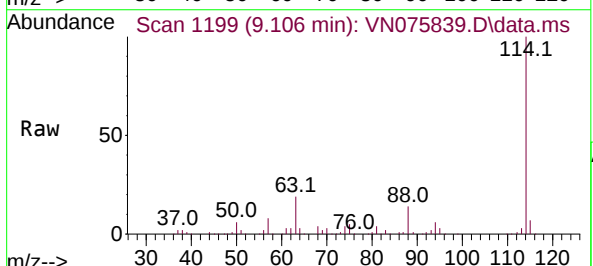
Tgt Ion: 114 Resp: 472742

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.4

88 14.4 0.0 28.8

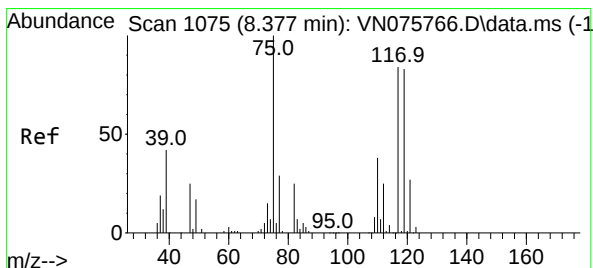
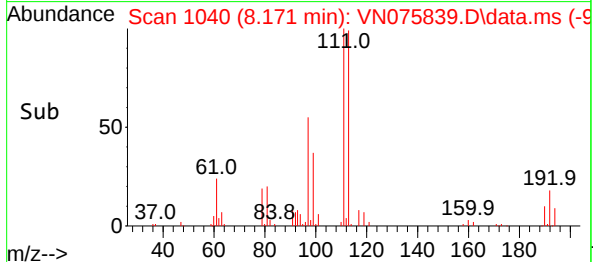
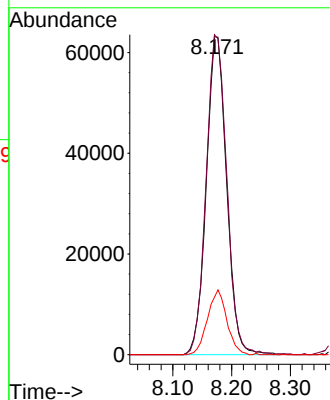
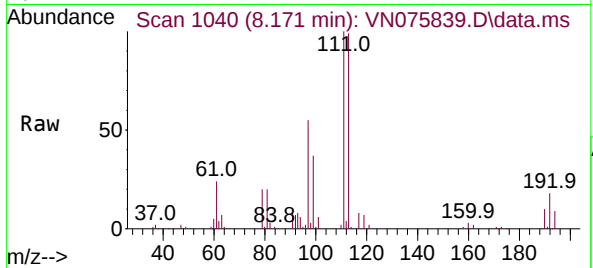




#35
Dibromofluoromethane
Concen: 51.783 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

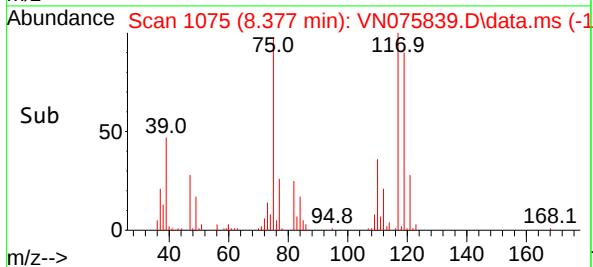
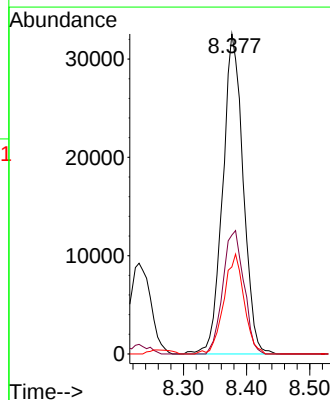
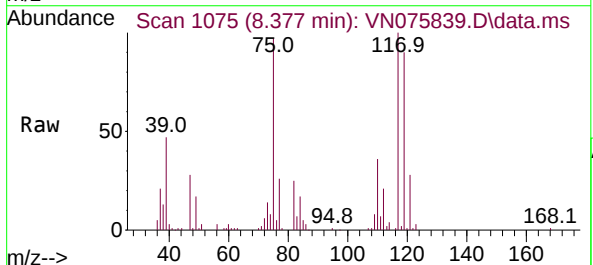
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

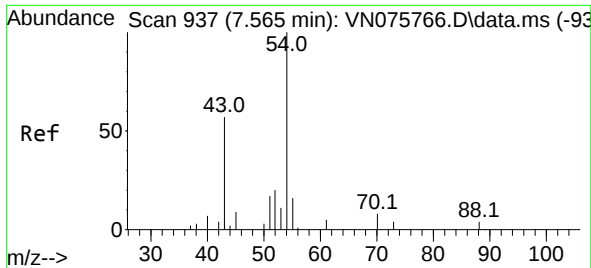
Tgt Ion:113 Resp: 151601
Ion Ratio Lower Upper
113 100
111 102.1 83.4 125.2
192 19.4 16.1 24.1



#36
1,1-Dichloropropene
Concen: 18.859 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 75 Resp: 73342
Ion Ratio Lower Upper
75 100
110 39.6 18.8 56.4
77 30.8 24.1 36.1

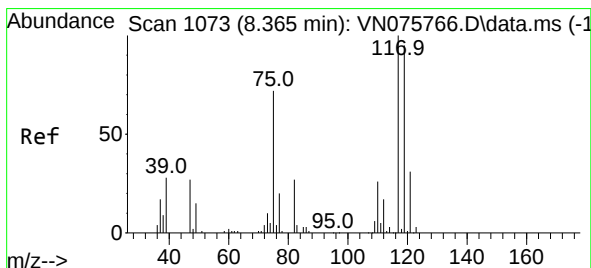
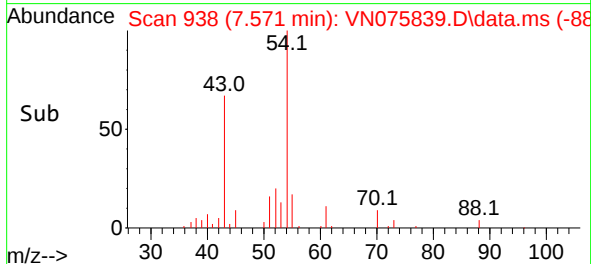
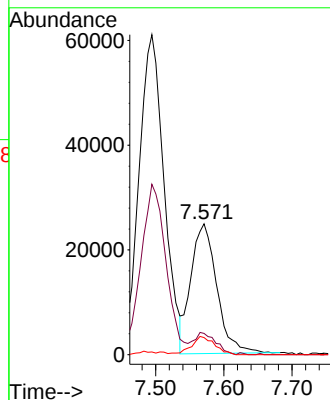
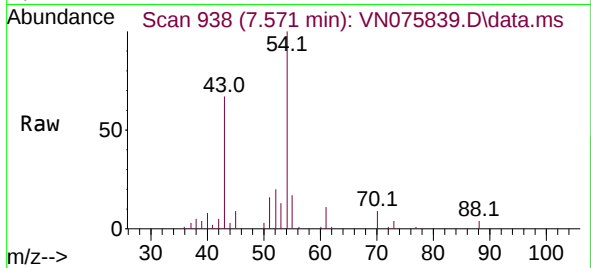




#37
Ethyl Acetate
Concen: 20.929 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

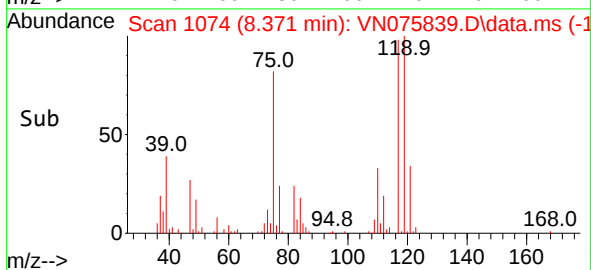
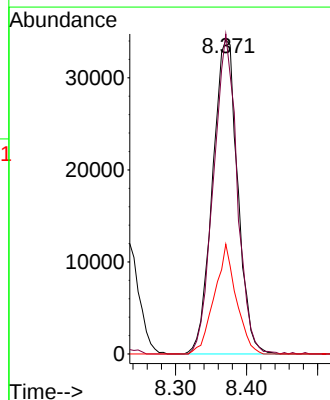
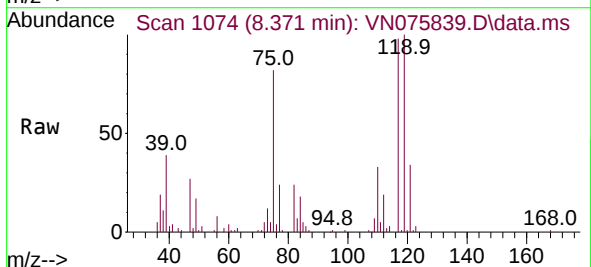
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

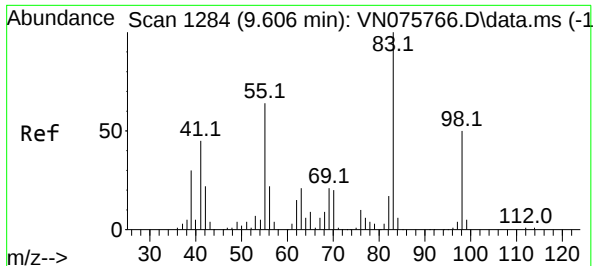
Tgt Ion: 43 Resp: 65380
Ion Ratio Lower Upper
43 100
61 14.2 13.0 19.4
70 12.5 9.4 14.0



#38
Carbon Tetrachloride
Concen: 19.237 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 117 Resp: 83733
Ion Ratio Lower Upper
117 100
119 101.9 76.1 114.1
121 35.0 24.5 36.7

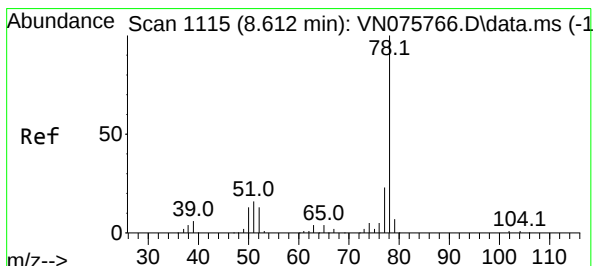
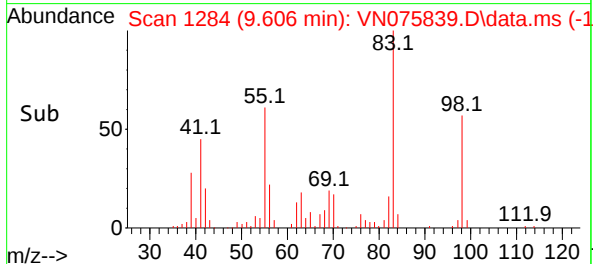
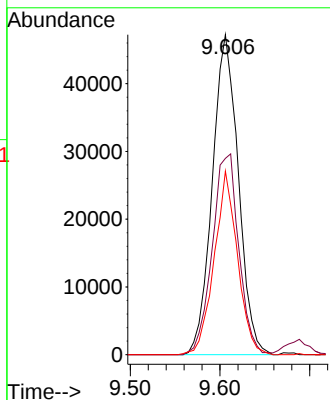
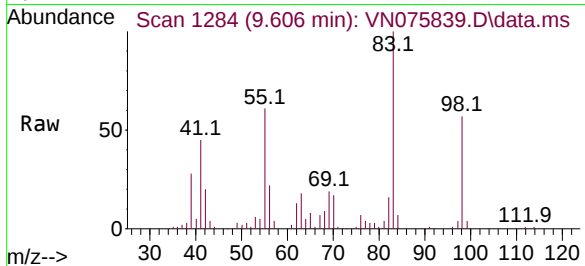




#39
Methylcyclohexane
Concen: 20.244 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

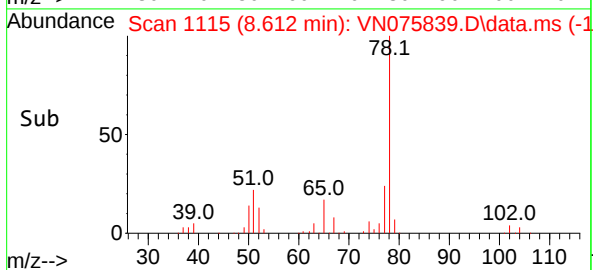
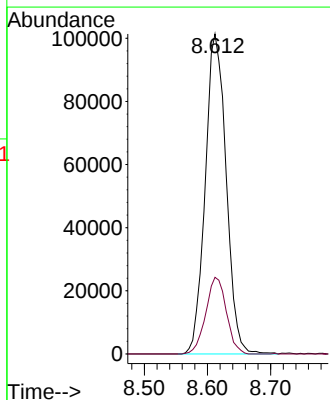
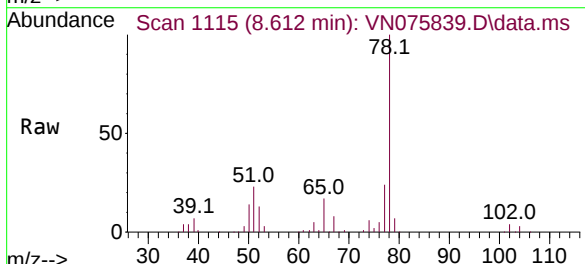
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

Tgt Ion: 83 Resp: 94980
Ion Ratio Lower Upper
83 100
55 61.3 51.4 77.0
98 57.4 39.8 59.8



#40
Benzene
Concen: 19.429 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 78 Resp: 233130
Ion Ratio Lower Upper
78 100
77 24.0 18.5 27.7

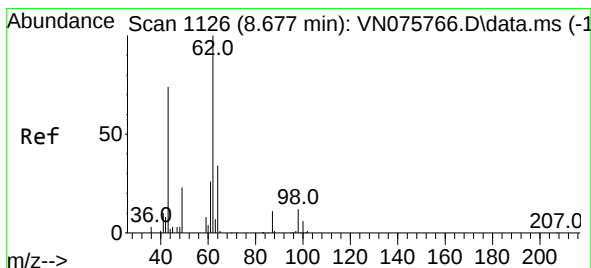
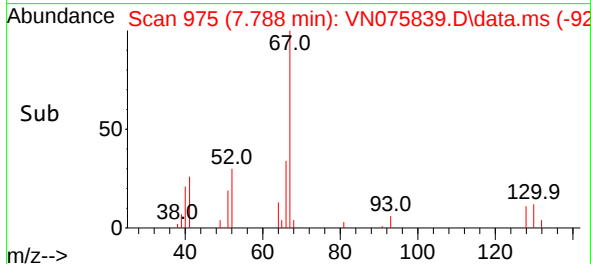
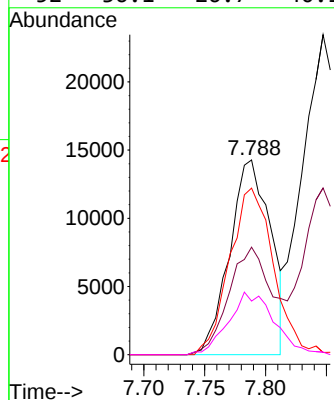
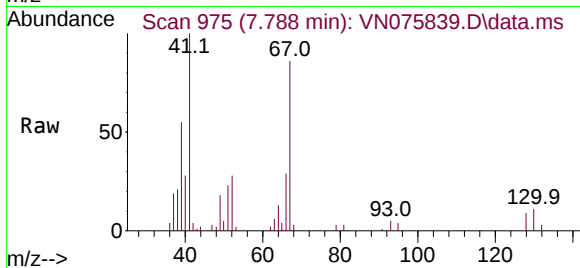




#41
Methacrylonitrile
Concen: 20.550 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

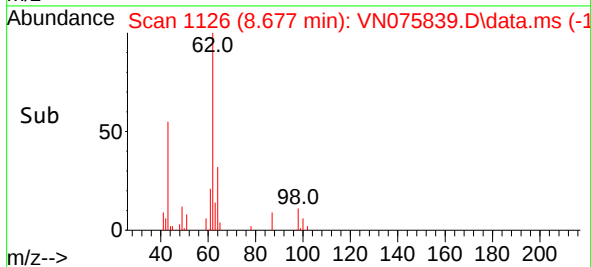
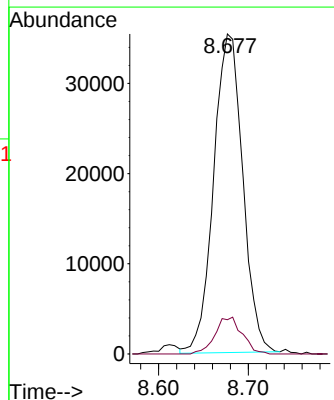
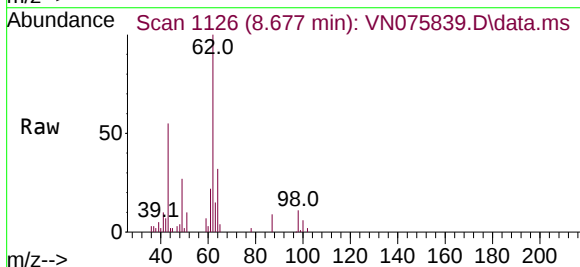
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

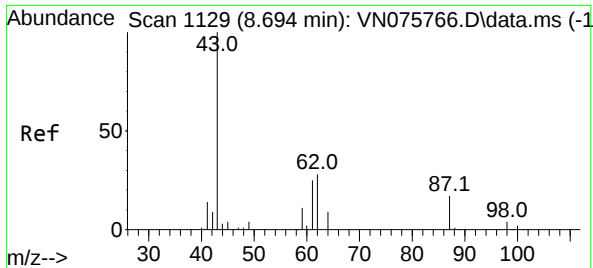
Tgt Ion: 41	Resp: 33368
Ion Ratio	Lower Upper
41 100	
39 60.5	43.1 64.7
67 92.0	70.7 106.1
52 36.1	26.7 40.1



#42
1,2-Dichloroethane
Concen: 19.954 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 62	Resp: 79601
Ion Ratio	Lower Upper
62 100	
98 10.8	0.0 20.8

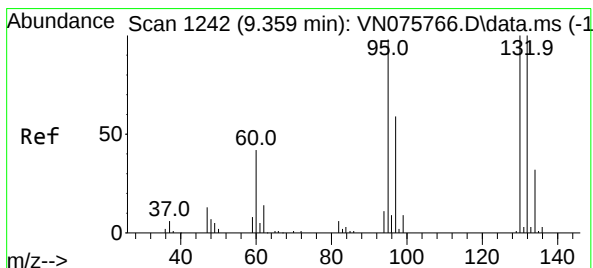
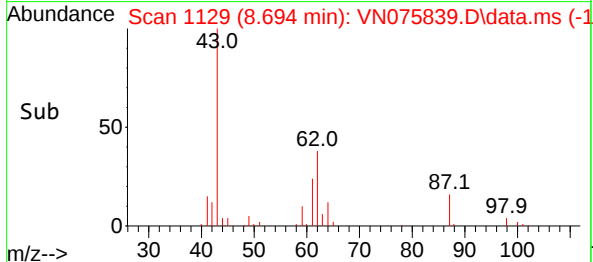
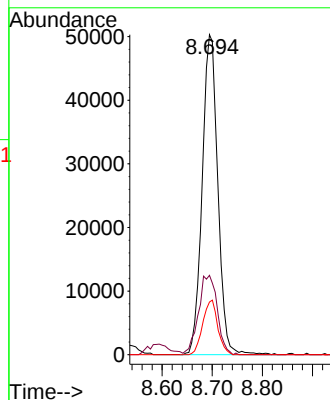
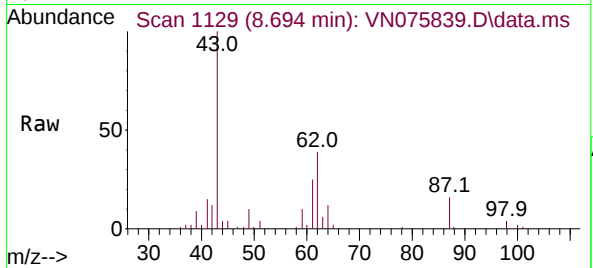




#43
Isopropyl Acetate
Concen: 21.162 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

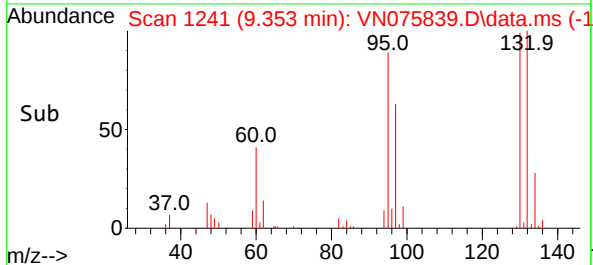
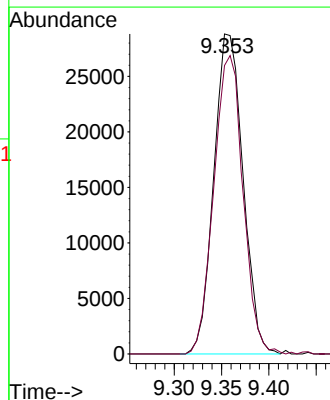
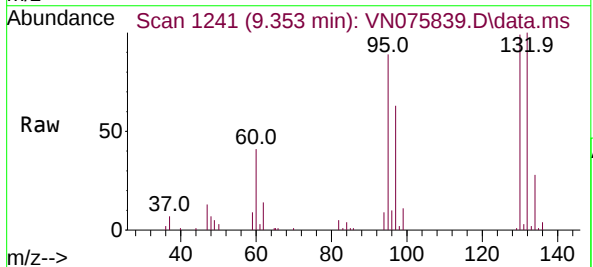
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

Tgt Ion: 43 Resp: 109049
Ion Ratio Lower Upper
43 100
61 29.7 24.2 36.4
87 16.3 13.3 19.9



#44
Trichloroethene
Concen: 18.308 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion:130 Resp: 61887
Ion Ratio Lower Upper
130 100
95 90.1 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.106 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

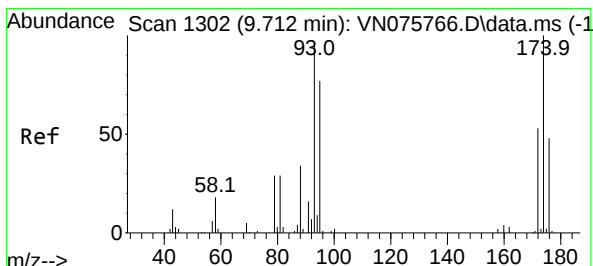
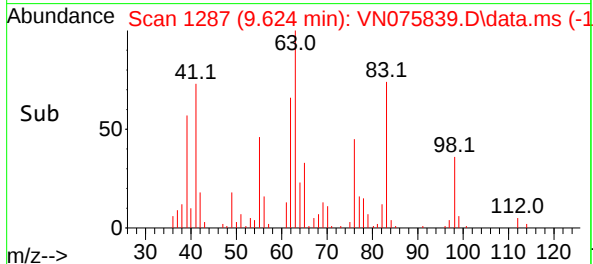
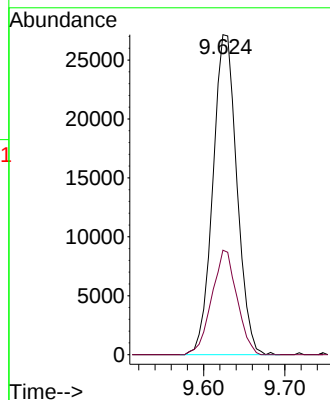
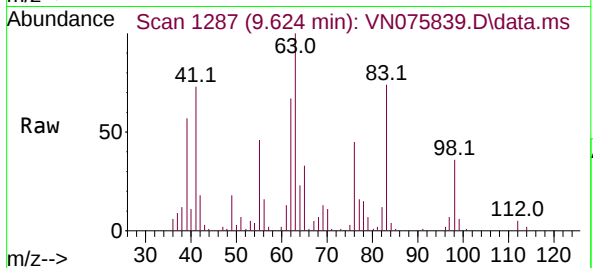
VN1216WBSD01

Tgt Ion: 63 Resp: 55789

Ion Ratio Lower Upper

63 100

65 32.6 25.7 38.5



#46

Dibromomethane

Concen: 19.807 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

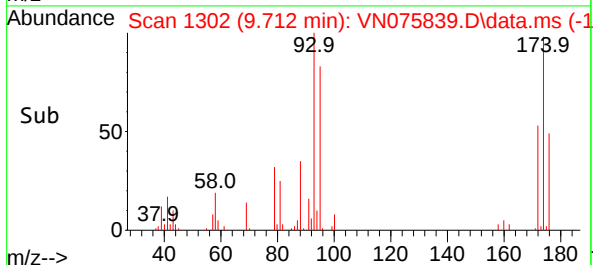
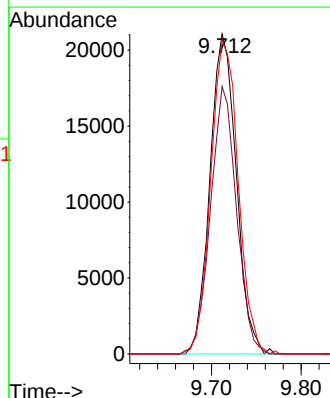
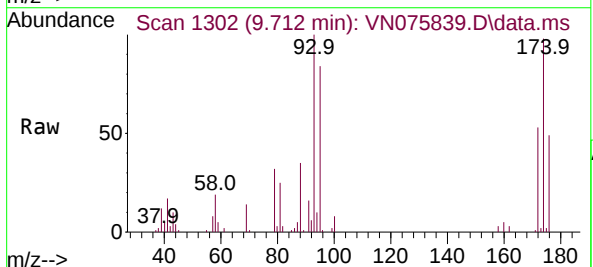
Tgt Ion: 93 Resp: 42897

Ion Ratio Lower Upper

93 100

95 82.6 65.2 97.8

174 102.4 82.4 123.6





#47

Bromodichloromethane

Concen: 19.752 ug/l

RT: 9.894 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01

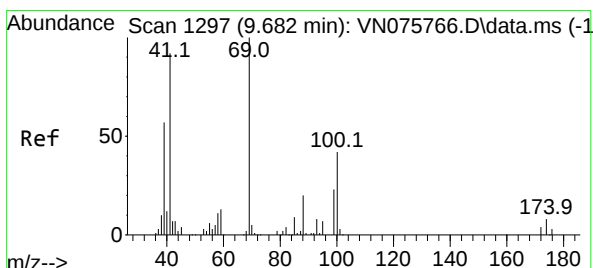
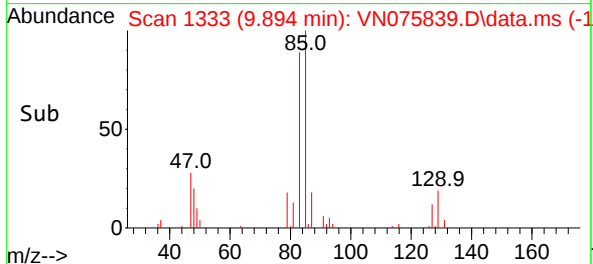
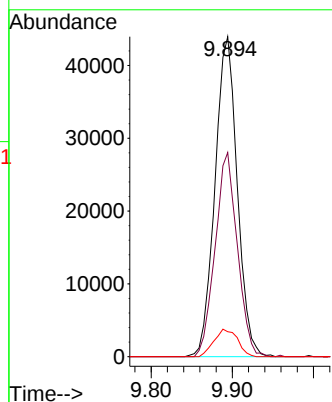
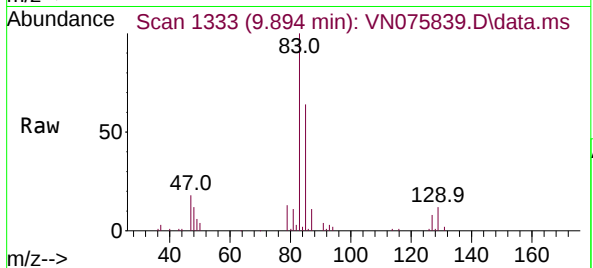
Tgt Ion: 83 Resp: 83887

Ion Ratio Lower Upper

83 100

85 63.8 51.5 77.3

127 7.8 6.6 10.0



#48

Methyl methacrylate

Concen: 21.717 ug/l

RT: 9.688 min Scan# 1298

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

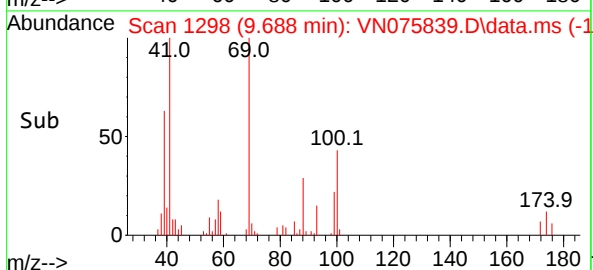
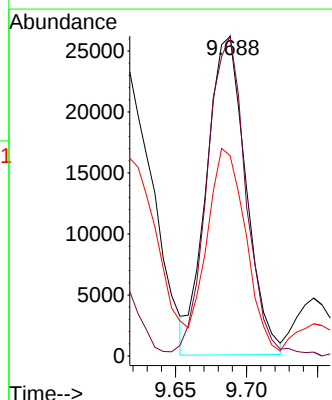
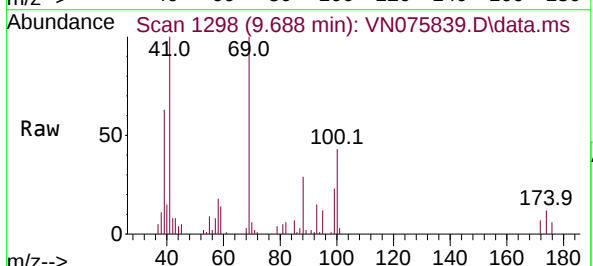
Tgt Ion: 41 Resp: 50402

Ion Ratio Lower Upper

41 100

69 99.1 81.9 122.9

39 64.3 51.6 77.4





#49

1,4-Dioxane

Concen: 410.252 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01

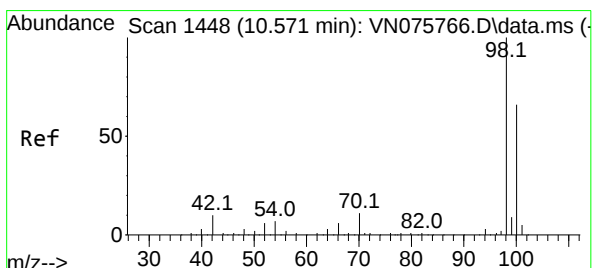
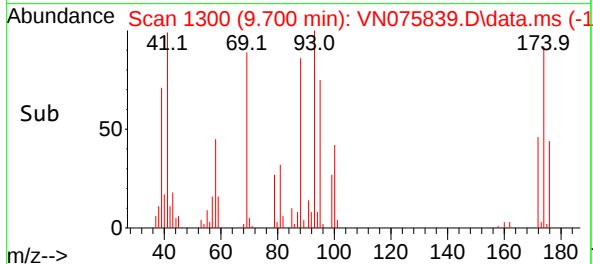
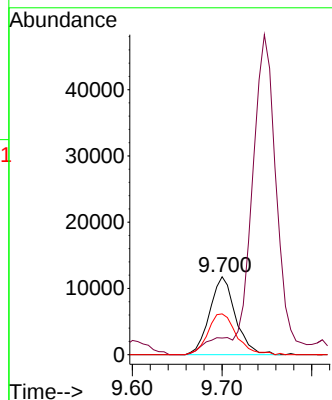
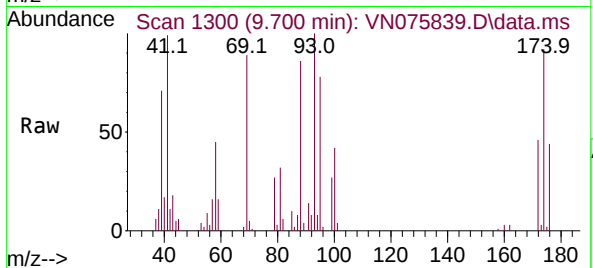
Tgt Ion: 88 Resp: 23408

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7#

58 58.3 47.8 71.8



#50

Toluene-d8

Concen: 51.858 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075839.D

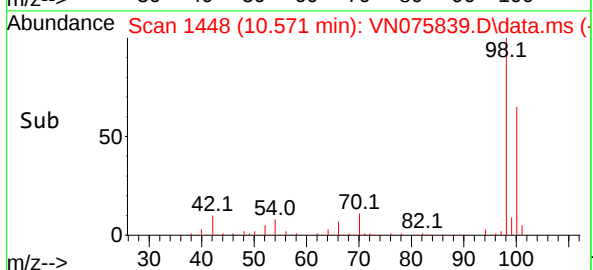
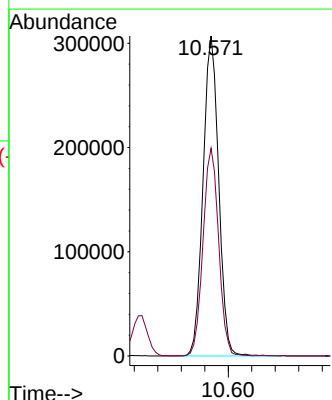
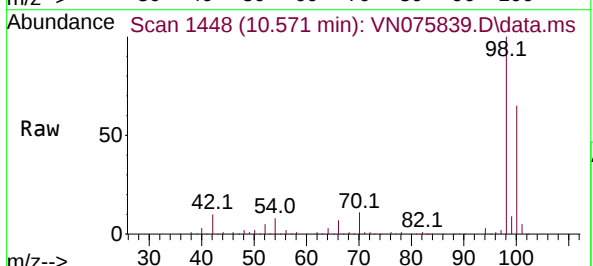
Acq: 16 Dec 2022 11:49

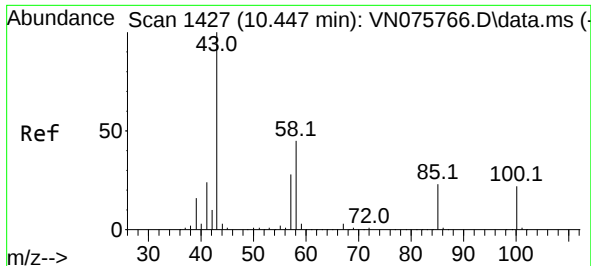
Tgt Ion: 98 Resp: 567638

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1

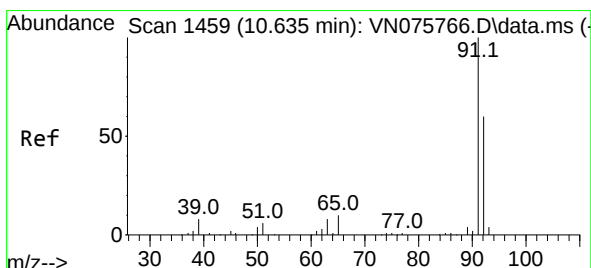
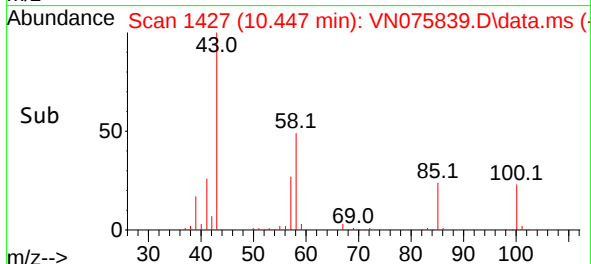
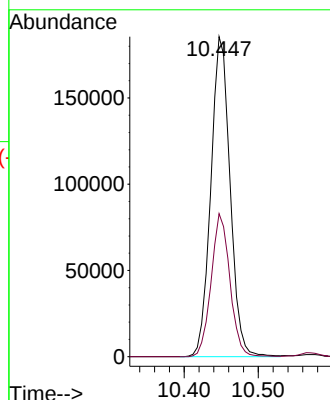
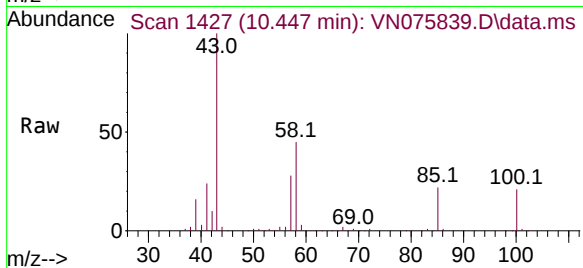




#51
4-Methyl-2-Pentanone
Concen: 107.474 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

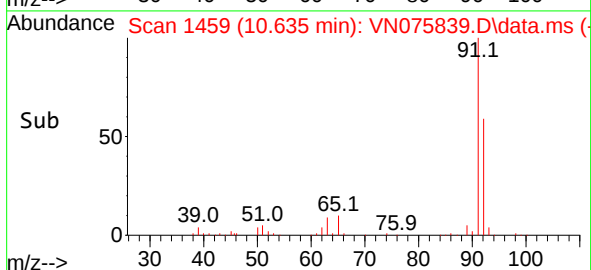
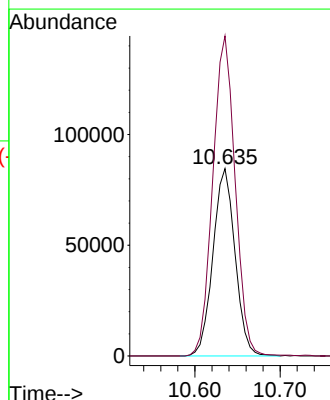
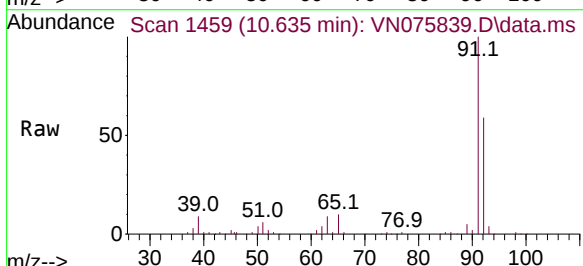
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

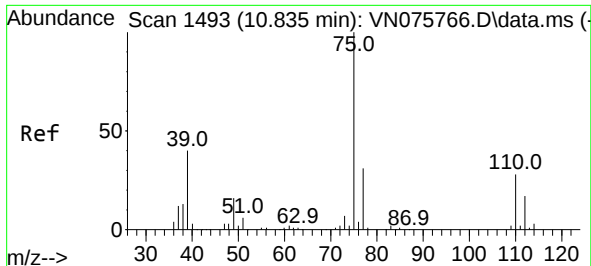
Tgt Ion: 43 Resp: 334925
Ion Ratio Lower Upper
43 100
58 43.5 35.5 53.3



#52
Toluene
Concen: 19.507 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 92 Resp: 152439
Ion Ratio Lower Upper
92 100
91 173.1 137.3 205.9

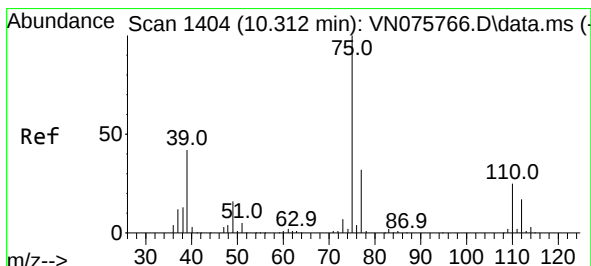
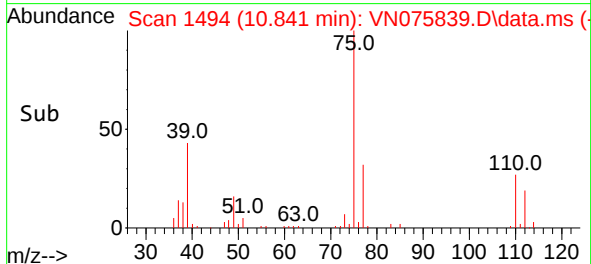
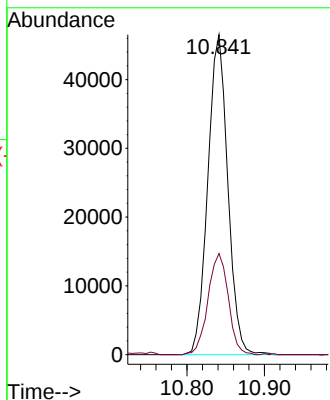
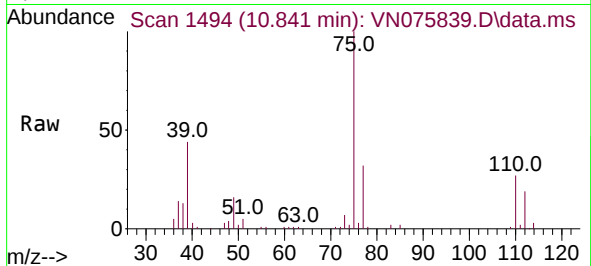




#53
 t-1,3-Dichloropropene
 Concen: 20.026 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075839.D
 Acq: 16 Dec 2022 11:49

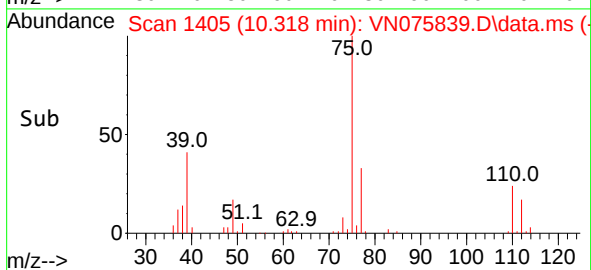
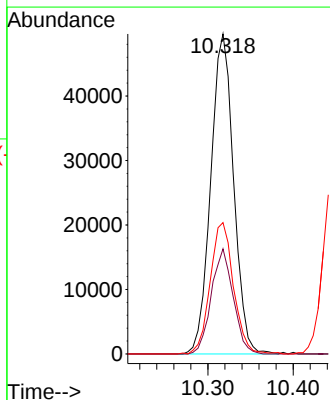
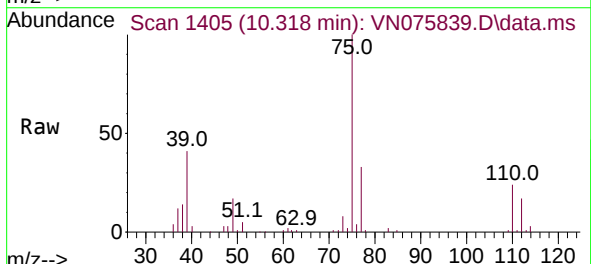
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD01

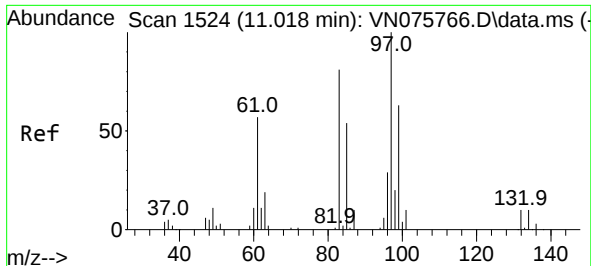
Tgt Ion: 75 Resp: 83256
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.268 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075839.D
 Acq: 16 Dec 2022 11:49

Tgt Ion: 75 Resp: 92513
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.8 38.8
 39 41.0 33.4 50.2

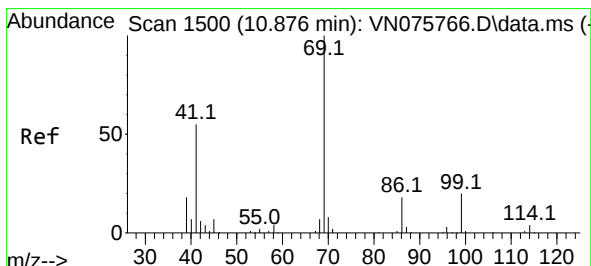
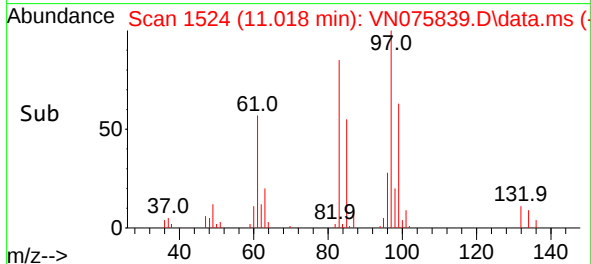
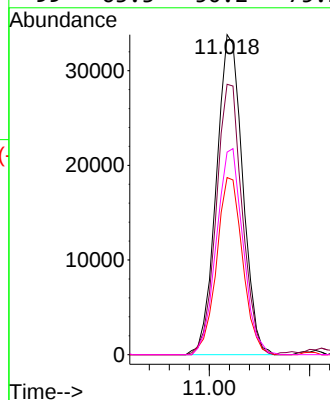
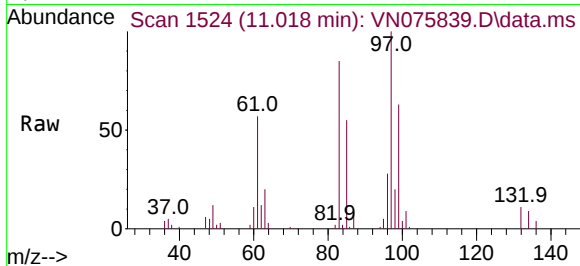




#55
1,1,2-Trichloroethane
Concen: 20.020 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

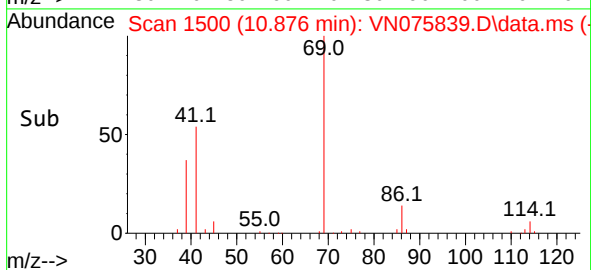
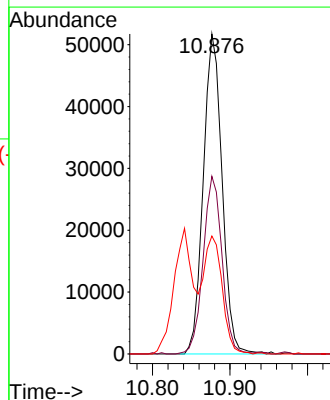
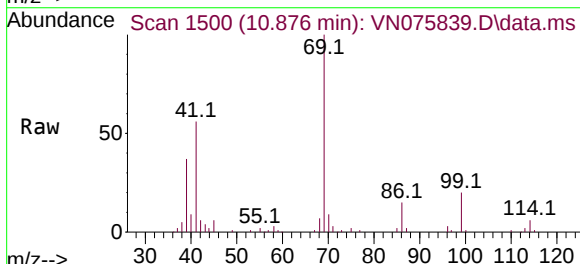
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

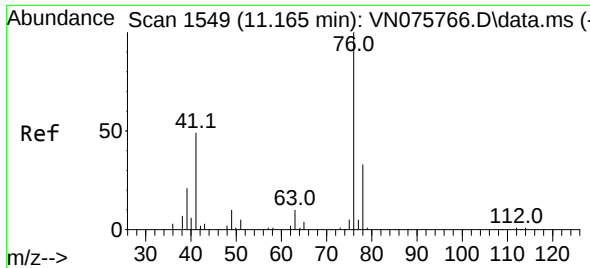
Tgt Ion: 97	Resp: 61408
Ion Ratio	Lower Upper
97 100	
83 84.5	65.0 97.4
85 55.4	43.0 64.6
99 63.3	50.2 75.2



#56
Ethyl methacrylate
Concen: 21.403 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 69	Resp: 87201
Ion Ratio	Lower Upper
69 100	
41 55.7	44.2 66.4
39 36.1	26.4 39.6

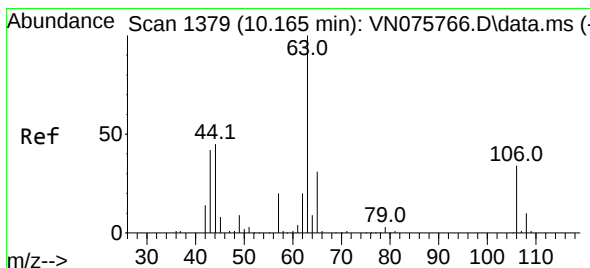
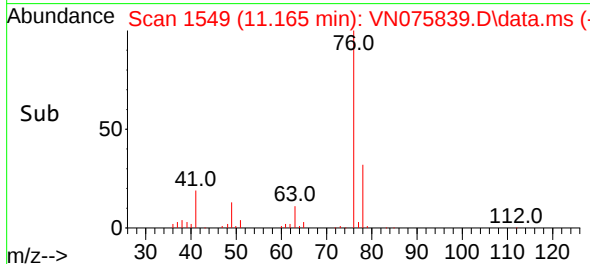
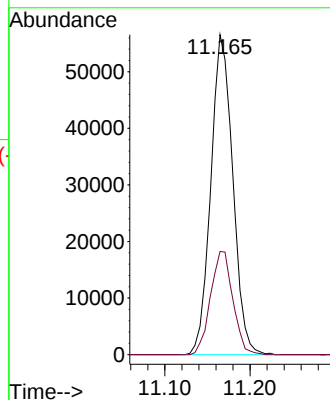
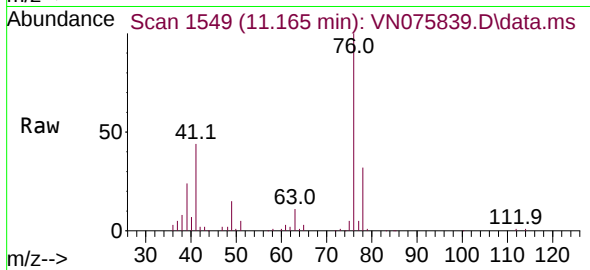




#57
1,3-Dichloropropane
Concen: 20.115 ug/l
RT: 11.165 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

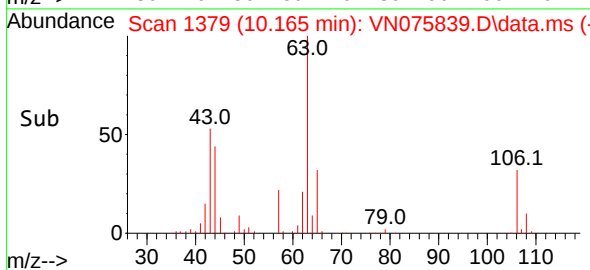
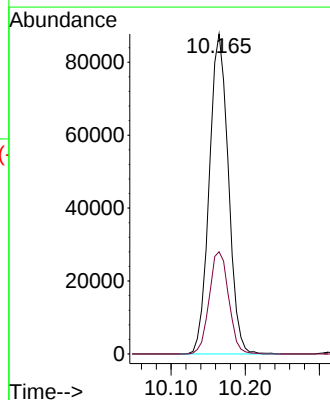
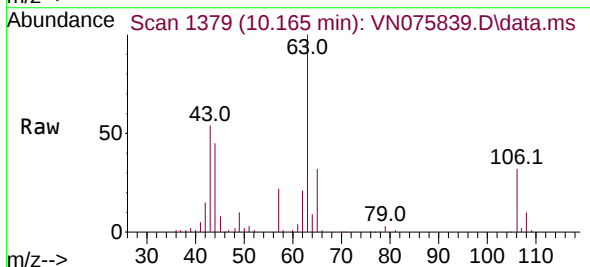
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

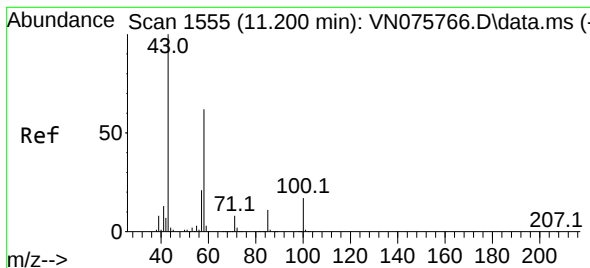
Tgt Ion: 76 Resp: 101206
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 120.927 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 63 Resp: 156861
Ion Ratio Lower Upper
63 100
106 32.5 26.4 39.6





#59

2-Hexanone

Concen: 107.514 ug/l

RT: 11.200 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

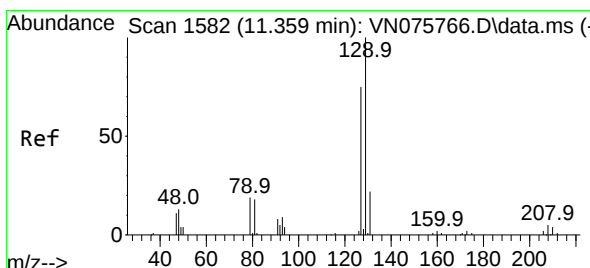
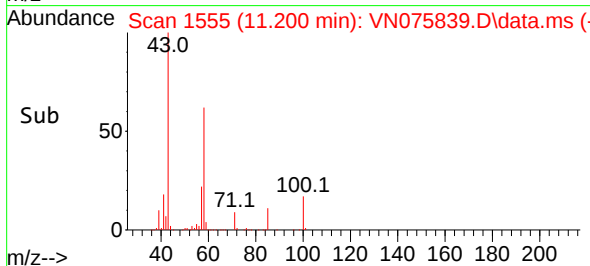
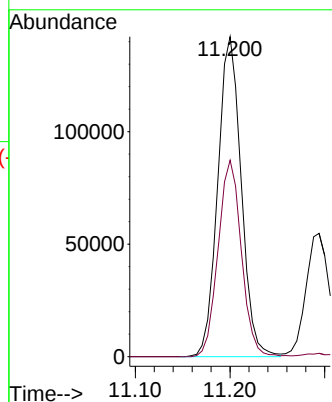
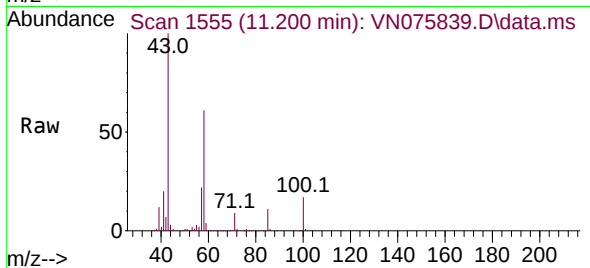
VN1216WBSD01

Tgt Ion: 43 Resp: 244341

Ion Ratio Lower Upper

43 100

58 60.9 30.6 92.0



#60

Dibromochloromethane

Concen: 19.786 ug/l

RT: 11.365 min Scan# 1583

Delta R.T. 0.006 min

Lab File: VN075839.D

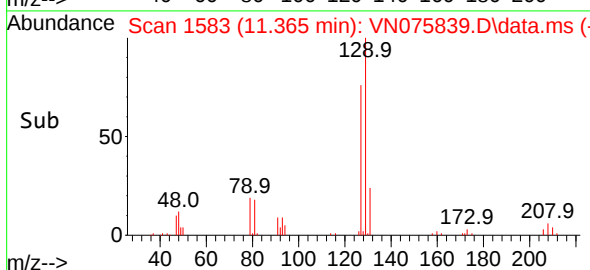
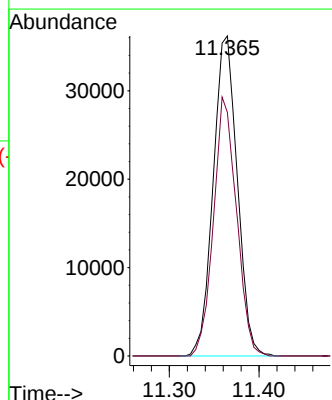
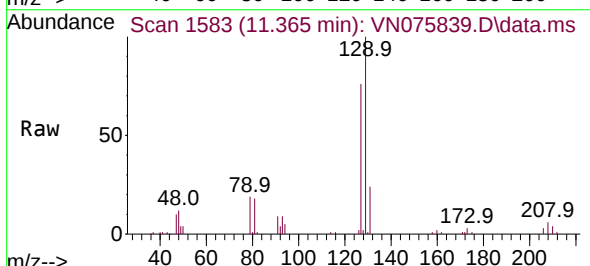
Acq: 16 Dec 2022 11:49

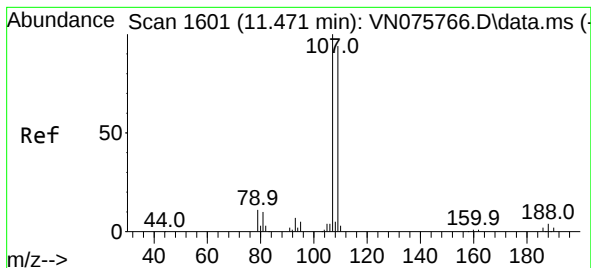
Tgt Ion: 129 Resp: 67494

Ion Ratio Lower Upper

129 100

127 77.3 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.915 ug/l

RT: 11.476 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

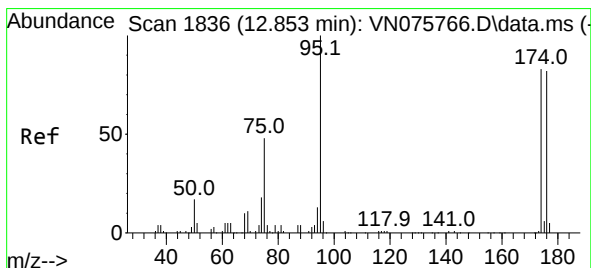
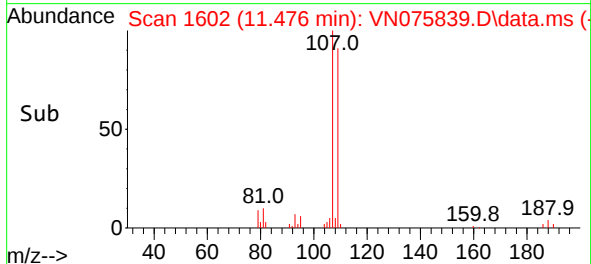
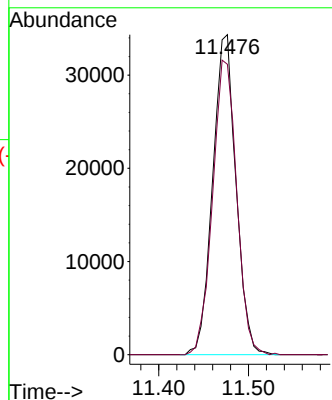
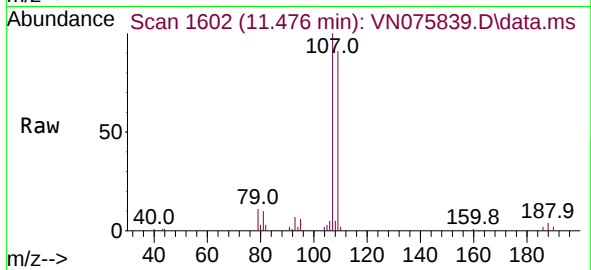
VN1216WBSD01

Tgt Ion:107 Resp: 61817

Ion Ratio Lower Upper

107 100

109 95.3 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 52.122 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

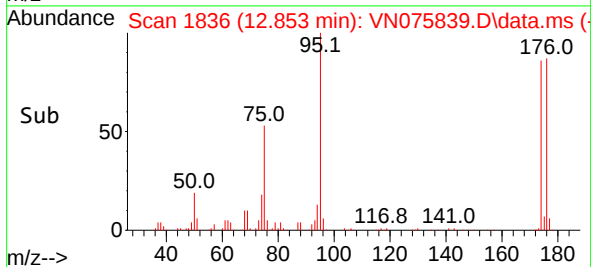
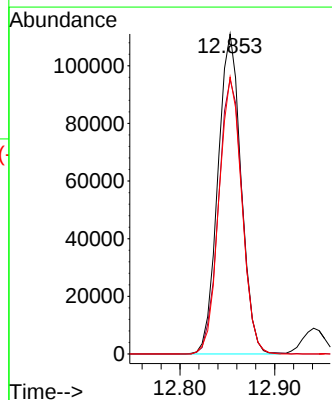
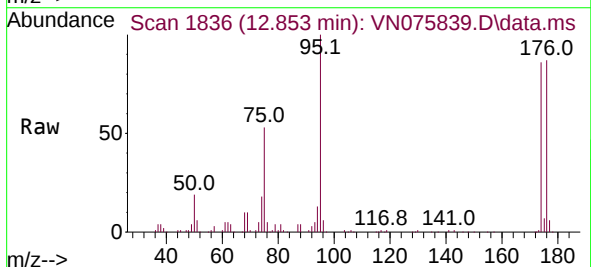
Tgt Ion: 95 Resp: 188964

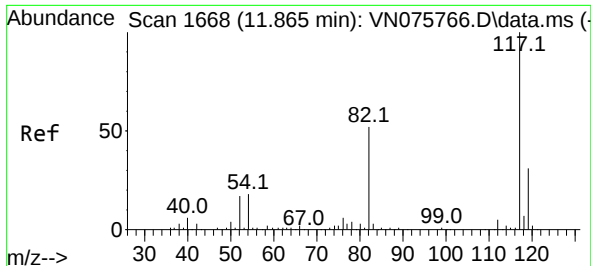
Ion Ratio Lower Upper

95 100

174 87.2 0.0 171.6

176 85.4 0.0 169.2

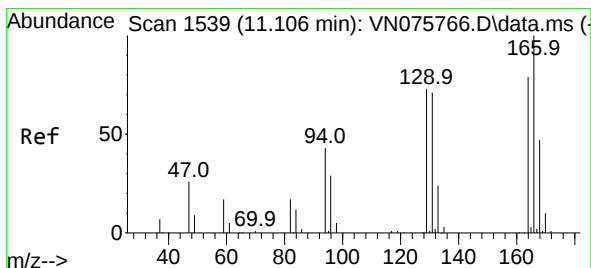
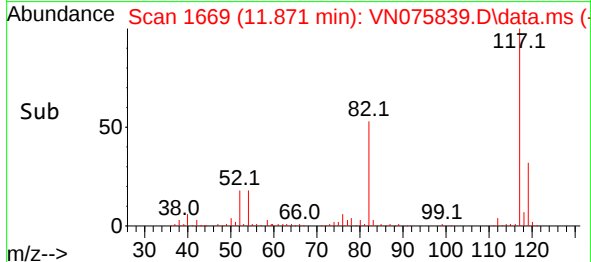
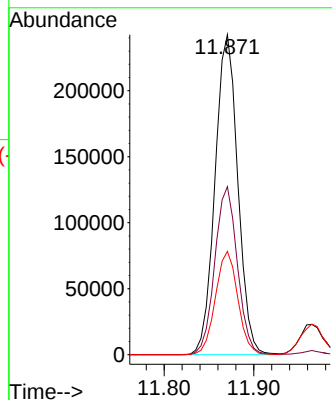
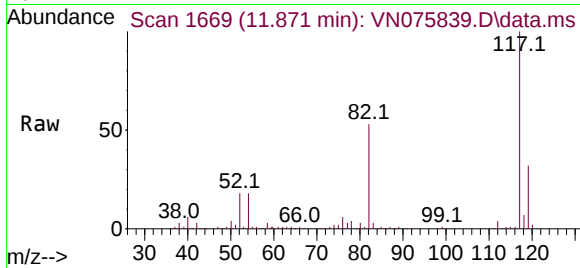




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

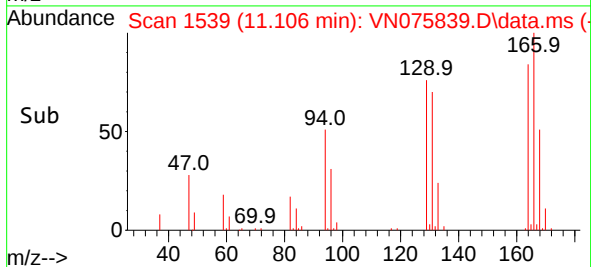
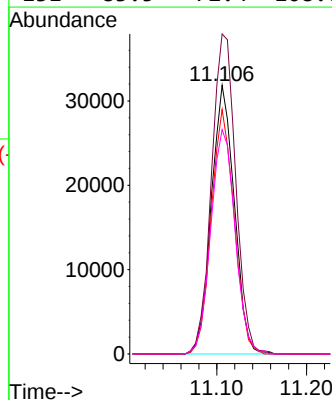
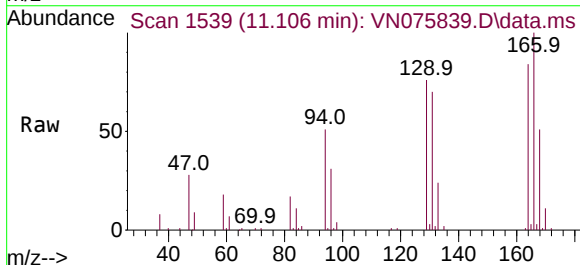
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

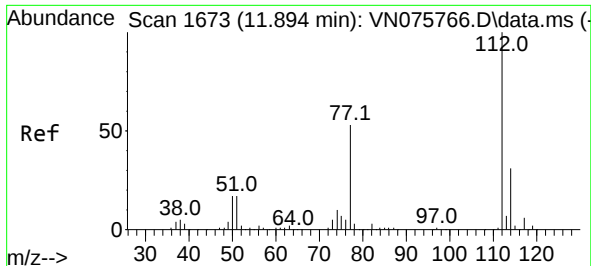
Tgt Ion:117 Resp: 427446
Ion Ratio Lower Upper
117 100
82 52.5 41.3 61.9
119 32.3 24.6 37.0



#64
Tetrachloroethene
Concen: 18.817 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion:164 Resp: 56597
Ion Ratio Lower Upper
164 100
166 119.1 101.9 152.9
129 91.0 74.2 111.2
131 83.5 72.4 108.6

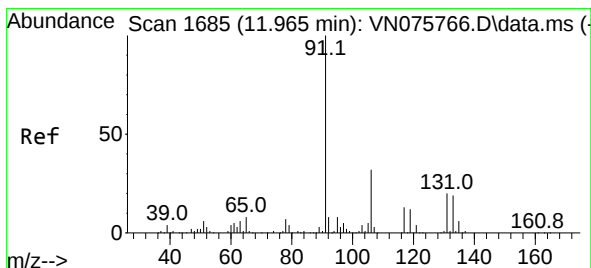
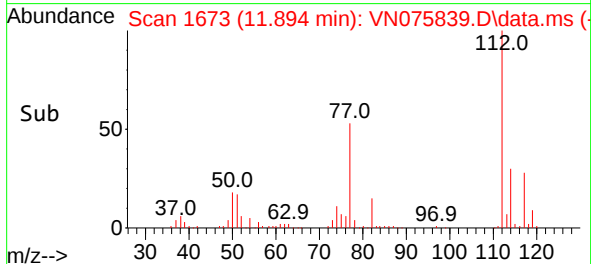
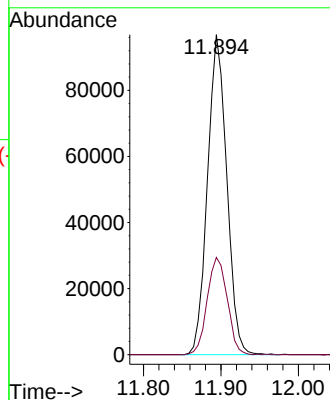
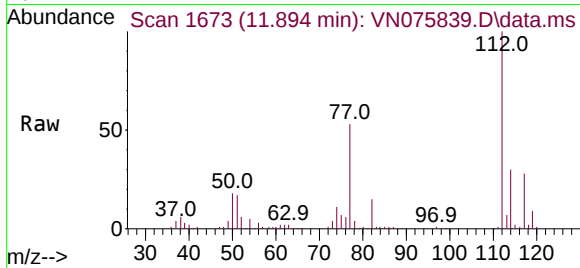




#65
Chlorobenzene
Concen: 19.040 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

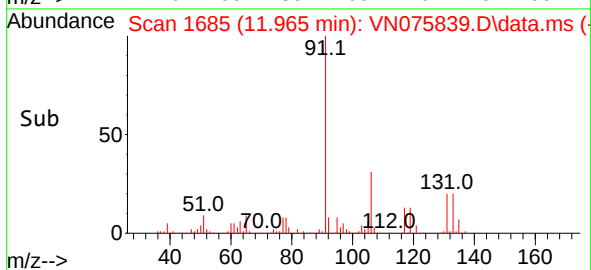
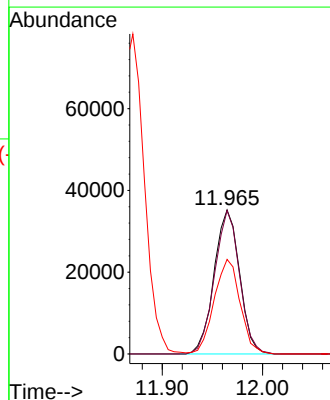
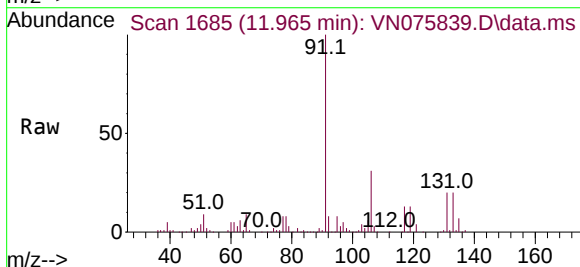
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

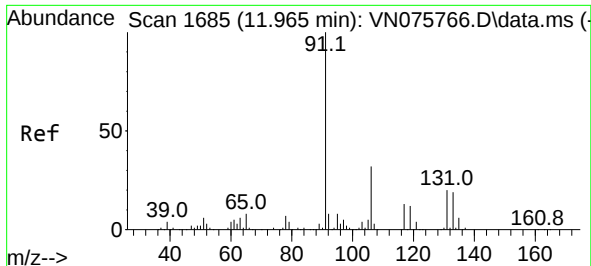
Tgt Ion:112 Resp: 167040
Ion Ratio Lower Upper
112 100
114 30.4 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.153 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion:131 Resp: 62239
Ion Ratio Lower Upper
131 100
133 97.6 47.5 142.5
119 66.8 31.9 95.7

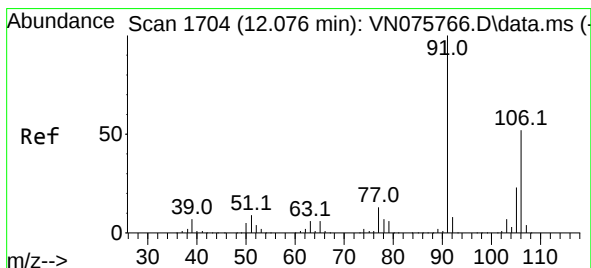
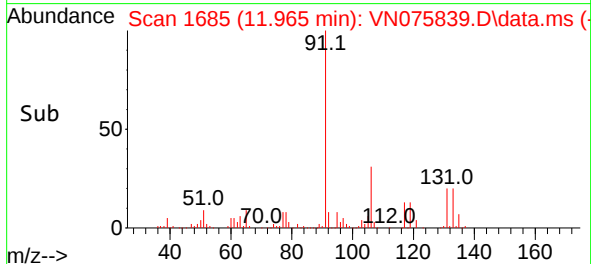
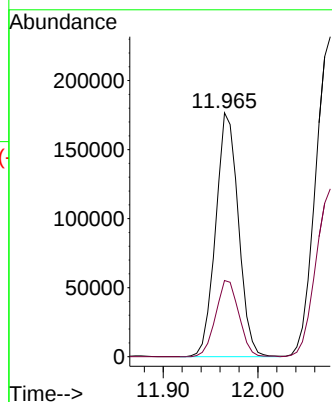
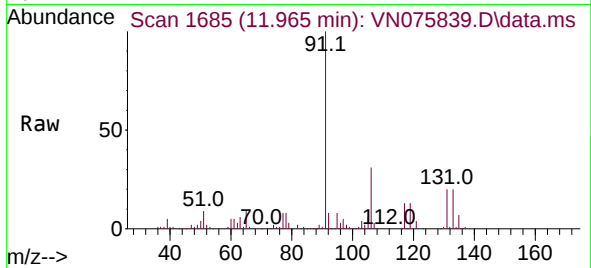




#67
Ethyl Benzene
Concen: 19.898 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

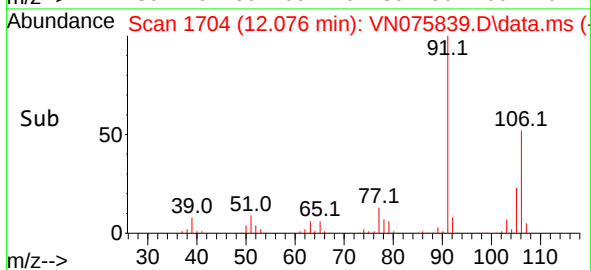
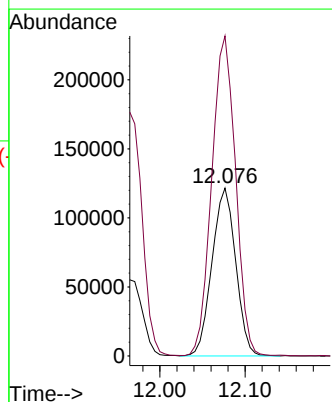
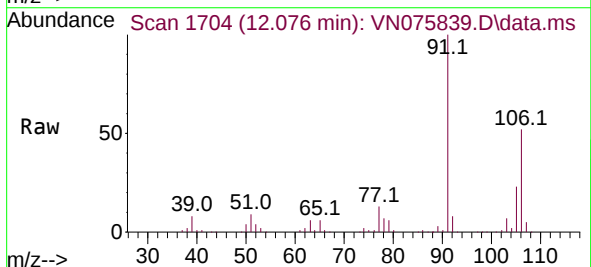
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

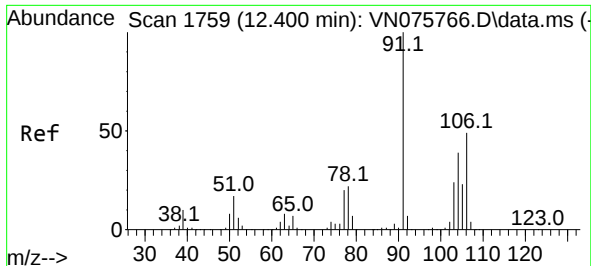
Tgt Ion: 91 Resp: 294633
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5



#68
m/p-Xylenes
Concen: 40.081 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion:106 Resp: 234900
Ion Ratio Lower Upper
106 100
91 191.1 156.6 235.0

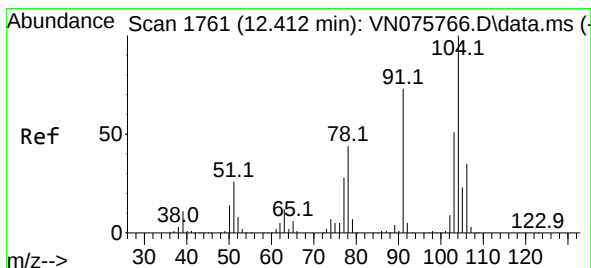
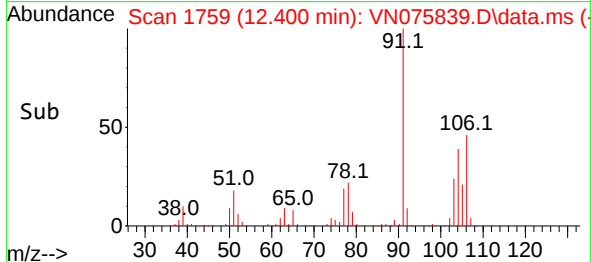
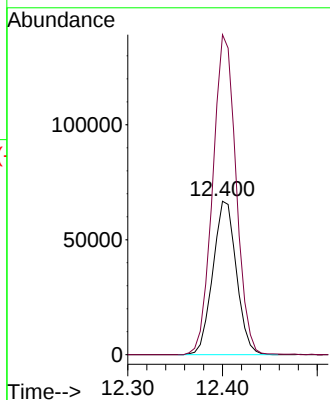
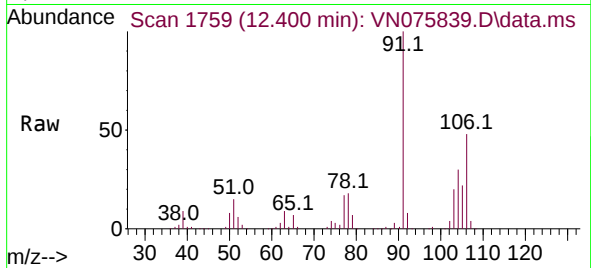




#69
o-Xylene
Concen: 19.892 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

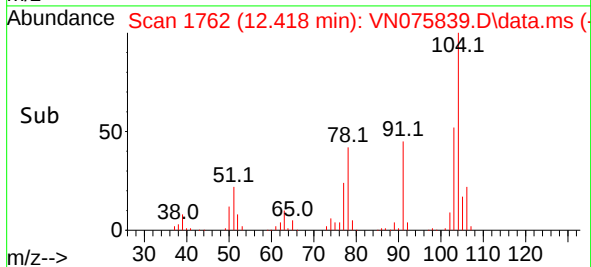
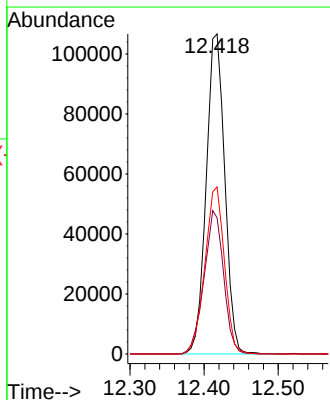
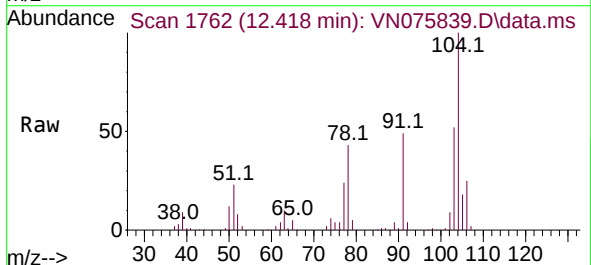
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

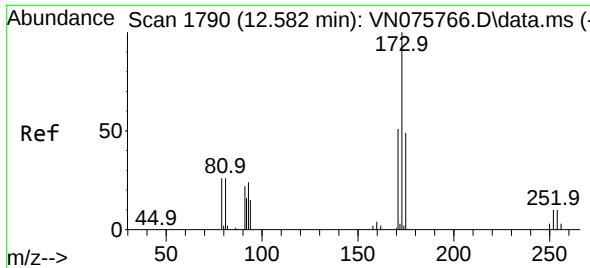
Tgt Ion:106 Resp: 115369
Ion Ratio Lower Upper
106 100
91 206.9 103.8 311.6



#70
Styrene
Concen: 20.128 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion:104 Resp: 185613
Ion Ratio Lower Upper
104 100
78 47.1 37.5 56.3
103 54.9 43.5 65.3

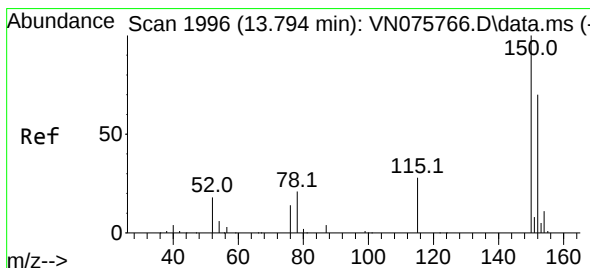
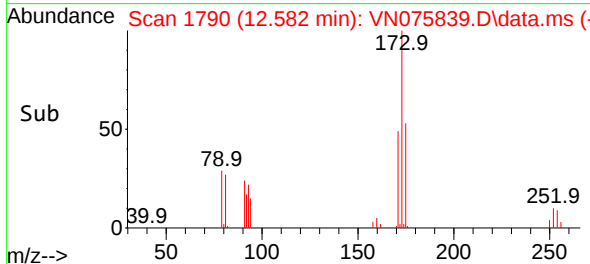
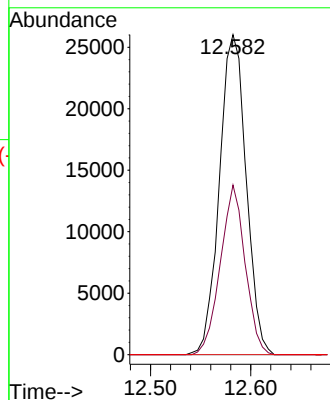
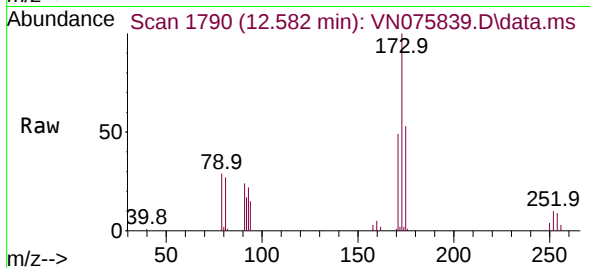




#71
Bromoform
Concen: 20.374 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

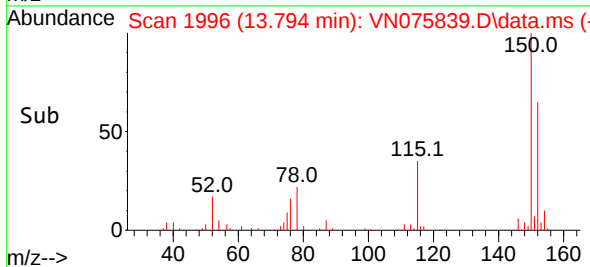
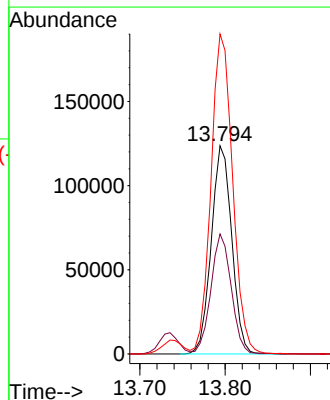
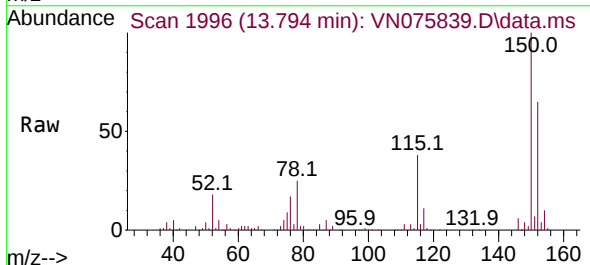
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

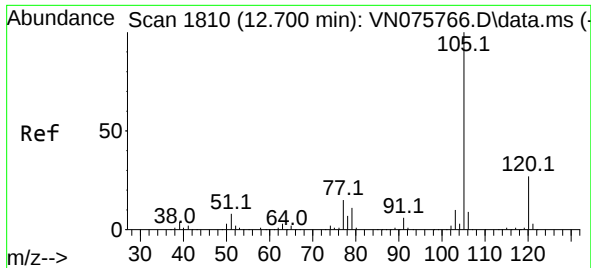
Tgt Ion:173 Resp: 48177
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion:152 Resp: 206576
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.4
150 162.4 0.0 347.0

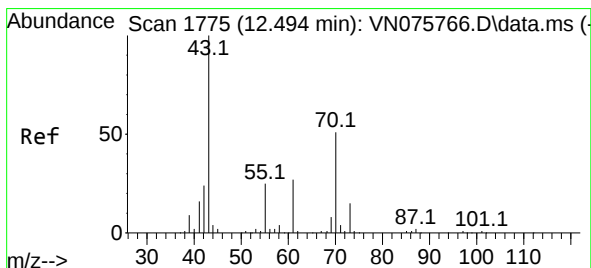
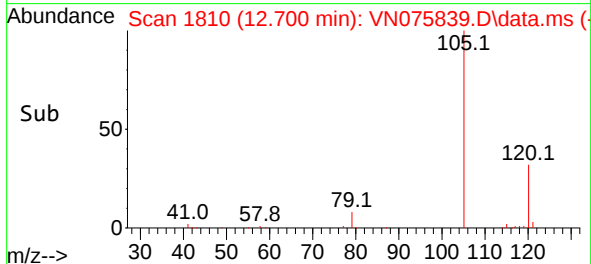
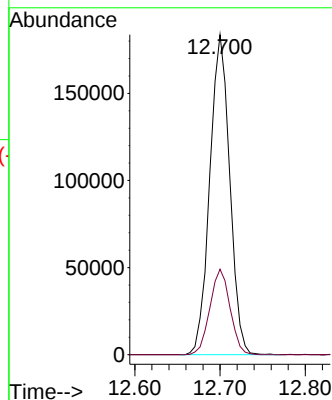
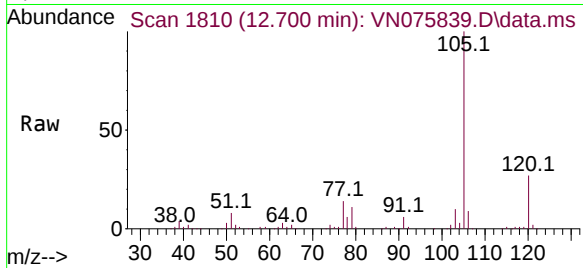




#73
Isopropylbenzene
Concen: 20.001 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

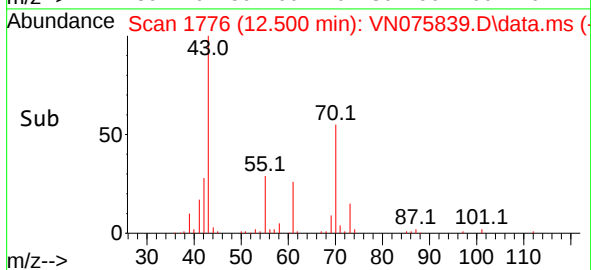
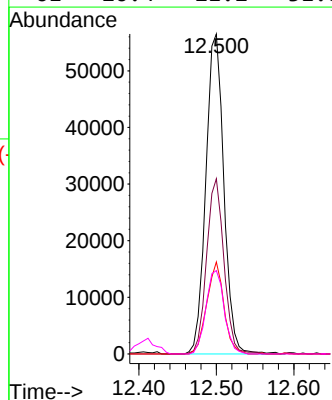
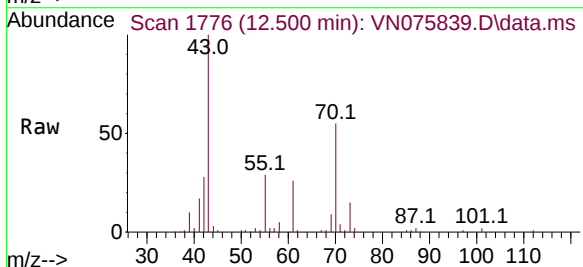
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

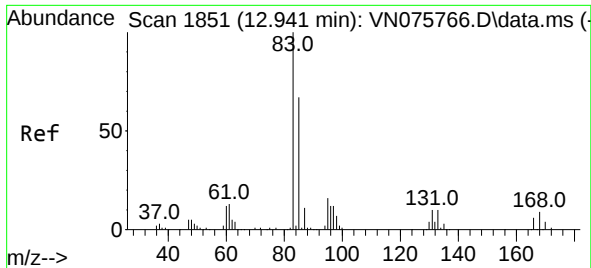
Tgt Ion:105 Resp: 298578
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 20.865 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 43 Resp: 91374
Ion Ratio Lower Upper
43 100
70 52.6 41.4 62.0
55 27.3 21.3 31.9
61 26.4 21.2 31.8

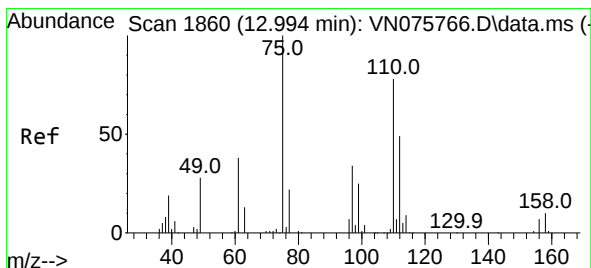
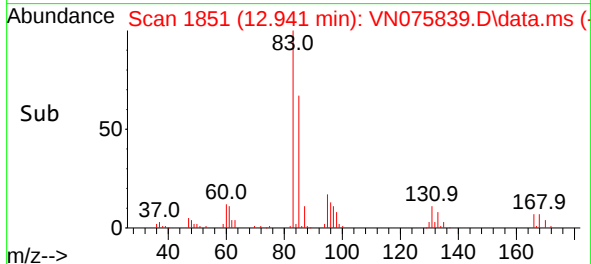
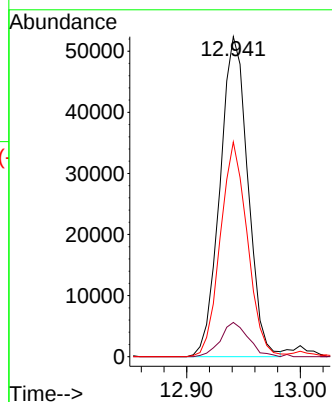
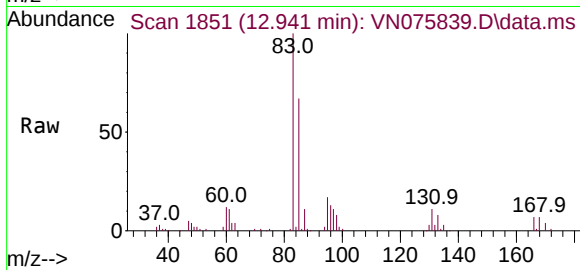




#75
1,1,2,2-Tetrachloroethane
Concen: 19.367 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

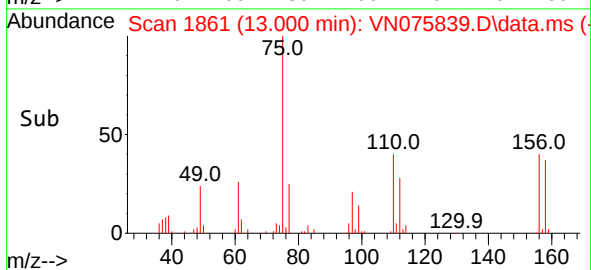
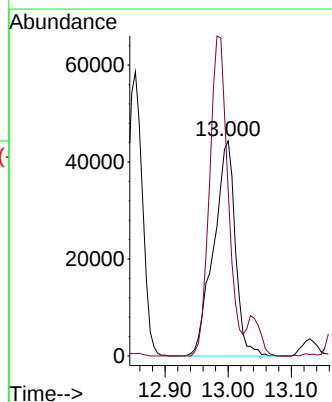
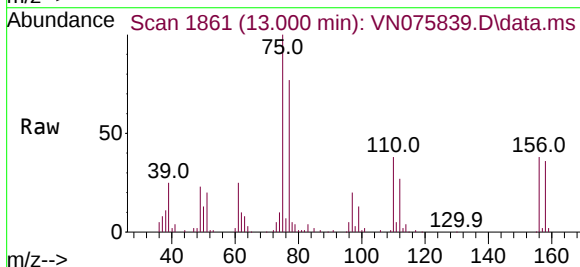
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

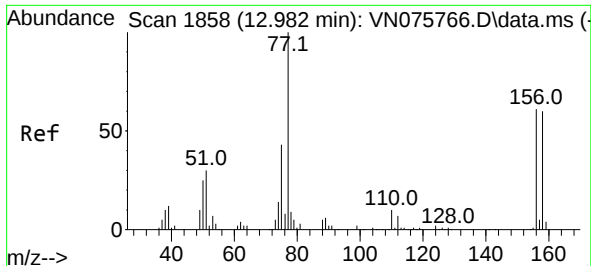
Tgt Ion: 83 Resp: 89374
Ion Ratio Lower Upper
83 100
131 10.6 5.6 16.8
85 65.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 25.453 ug/l
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 75 Resp: 105990
Ion Ratio Lower Upper
75 100
77 126.1 82.6 247.8

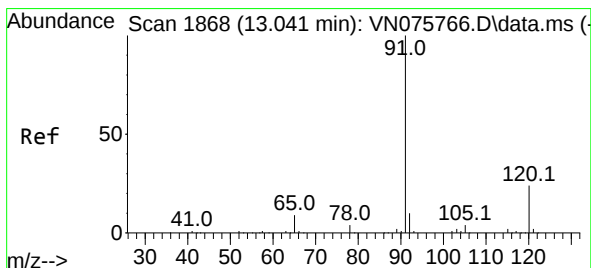
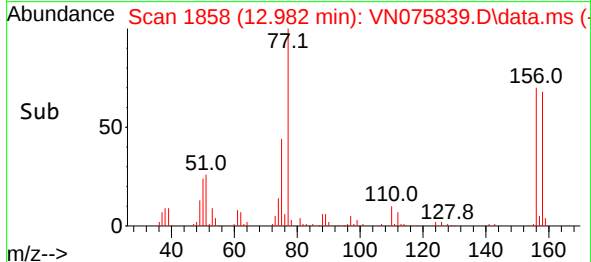
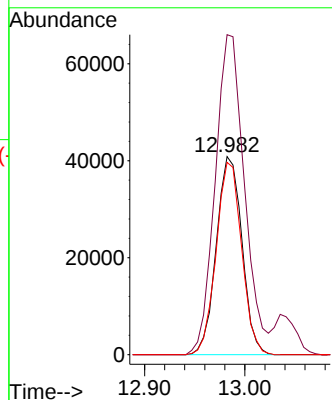
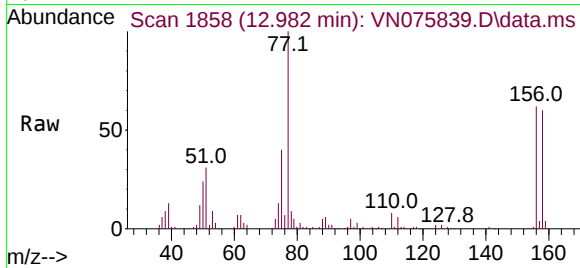




#77
Bromobenzene
Concen: 19.184 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

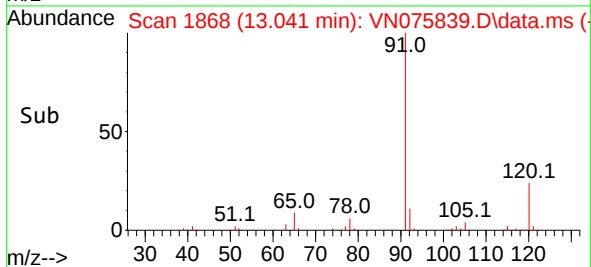
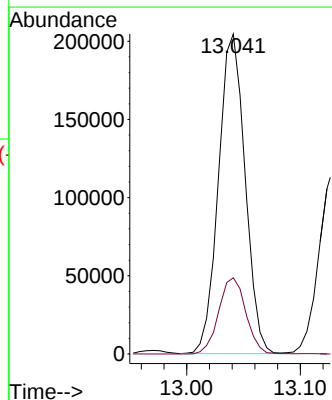
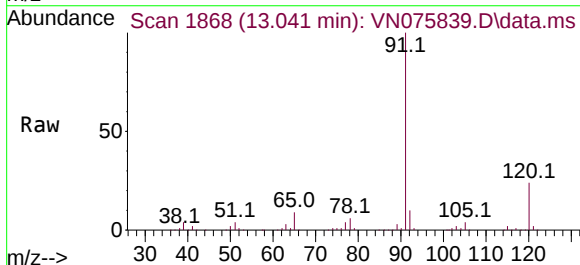
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

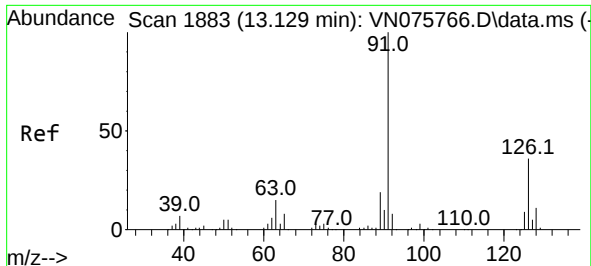
Tgt Ion:156 Resp: 72477
Ion Ratio Lower Upper
156 100
77 184.5 93.8 281.3
158 96.5 48.9 146.6



#78
n-propylbenzene
Concen: 20.184 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 91 Resp: 332324
Ion Ratio Lower Upper
91 100
120 24.3 12.0 36.1

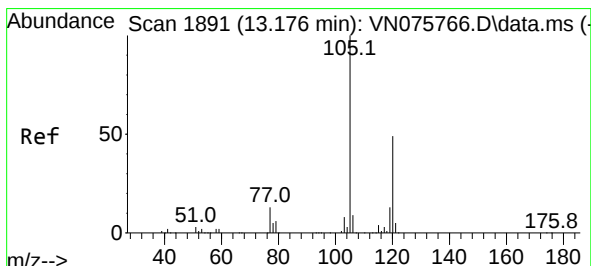
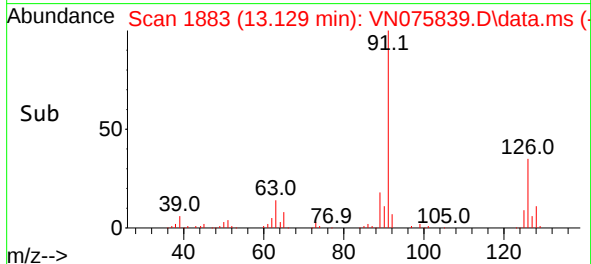
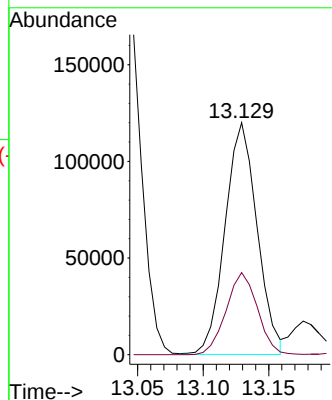
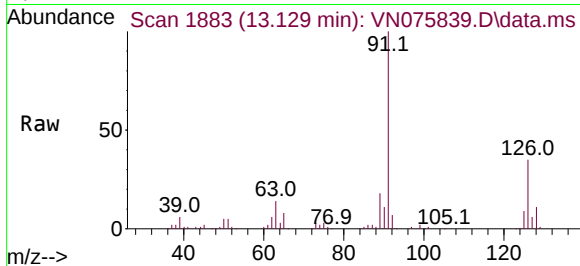




#79
2-Chlorotoluene
Concen: 19.850 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

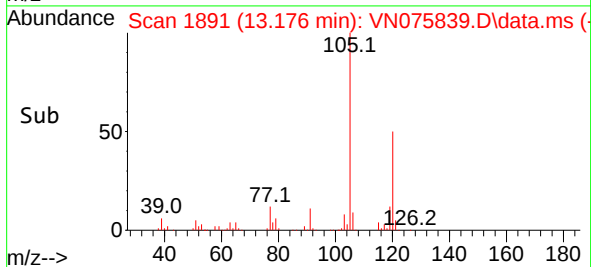
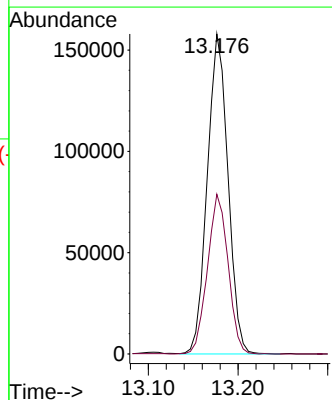
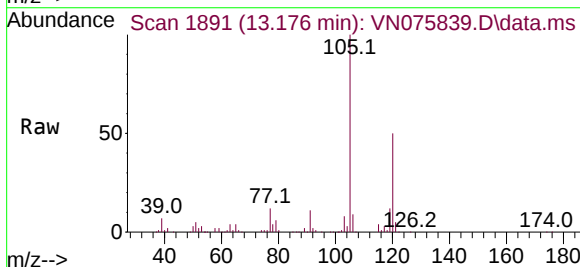
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

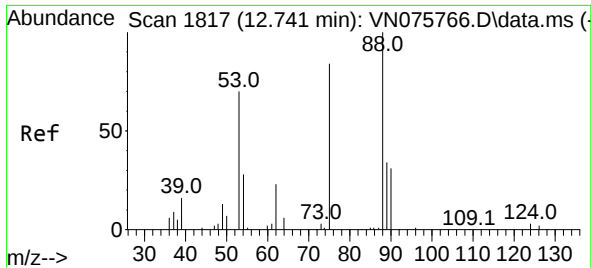
Tgt Ion: 91 Resp: 204017
Ion Ratio Lower Upper
91 100
126 34.6 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 20.232 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 105 Resp: 252776
Ion Ratio Lower Upper
105 100
120 49.8 24.7 74.1

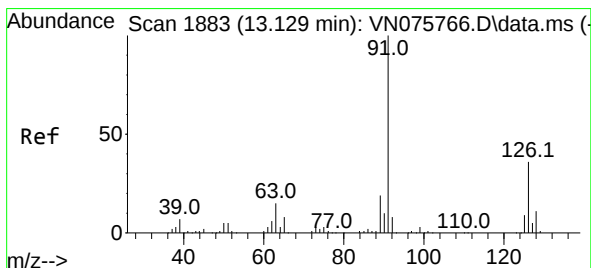
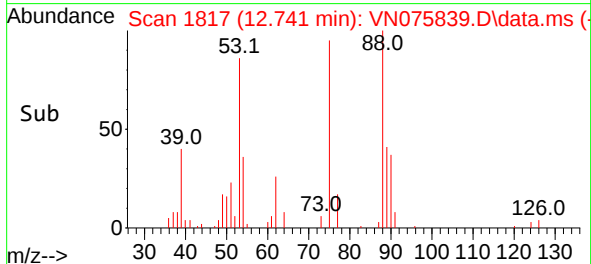
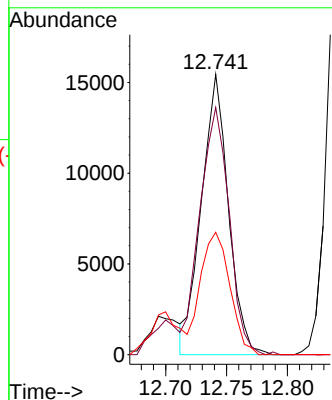
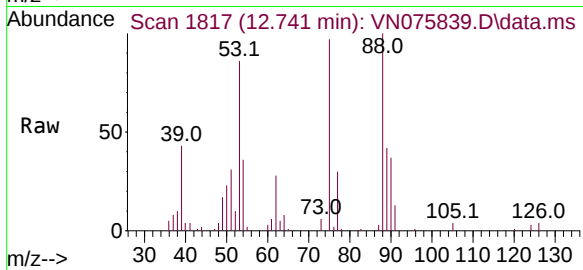




#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.627 ug/l
 RT: 12.741 min Scan# 1817
 Delta R.T. 0.000 min
 Lab File: VN075839.D
 Acq: 16 Dec 2022 11:49

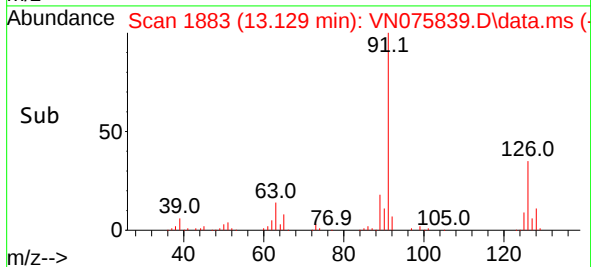
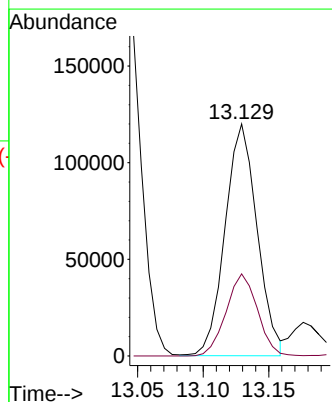
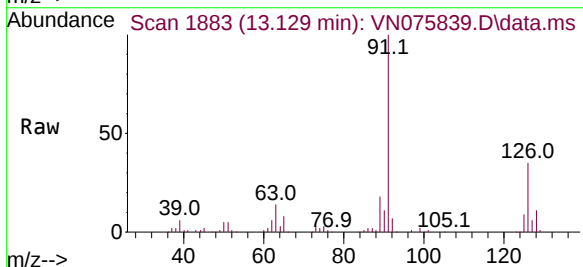
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD01

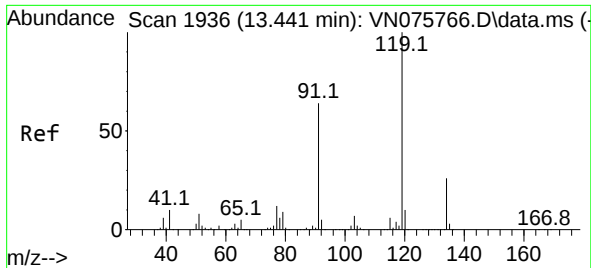
Tgt Ion: 75 Resp: 23862
 Ion Ratio Lower Upper
 75 100
 53 95.8 73.8 110.6
 89 47.4 39.5 59.3



#82
 4-Chlorotoluene
 Concen: 19.850 ug/l
 RT: 13.129 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VN075839.D
 Acq: 16 Dec 2022 11:49

Tgt Ion: 91 Resp: 204017
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.5 52.5

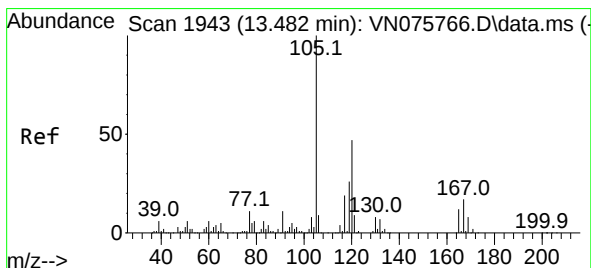
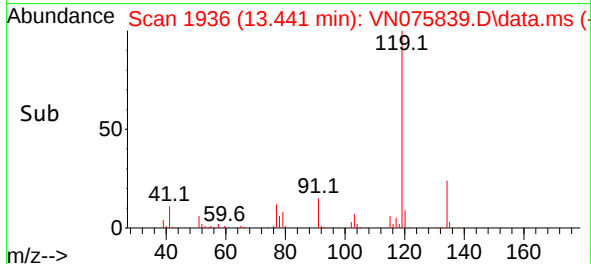
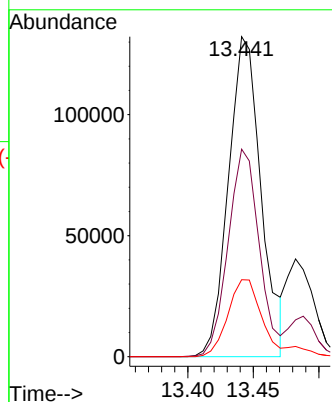
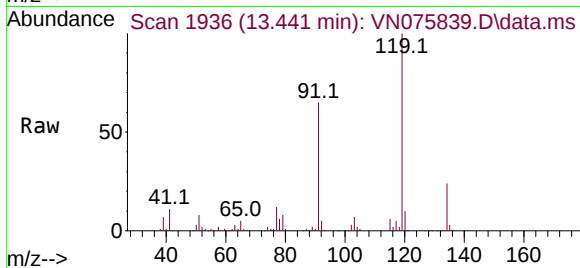




#83
tert-Butylbenzene
Concen: 20.764 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

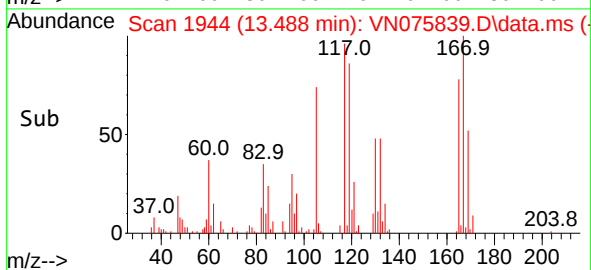
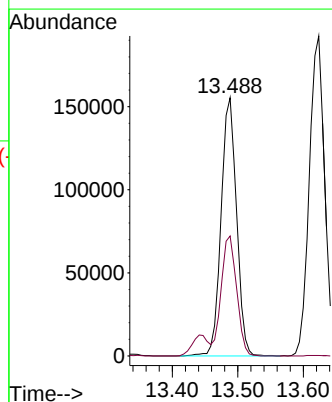
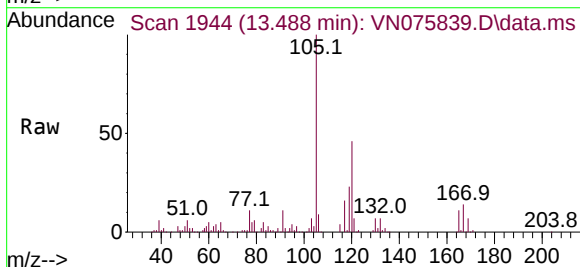
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

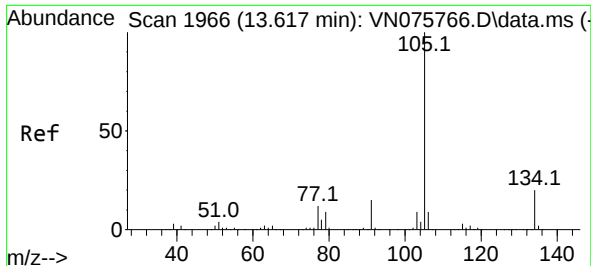
Tgt Ion:119 Resp: 228735
Ion Ratio Lower Upper
119 100
91 62.0 31.9 95.5
134 26.8 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 20.459 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion:105 Resp: 253583
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8

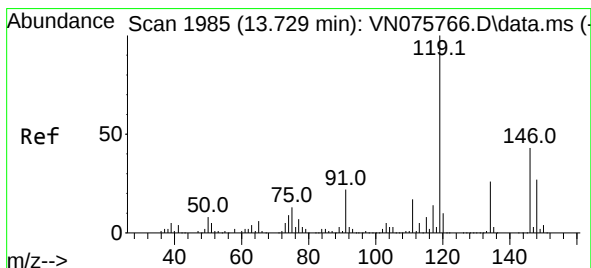
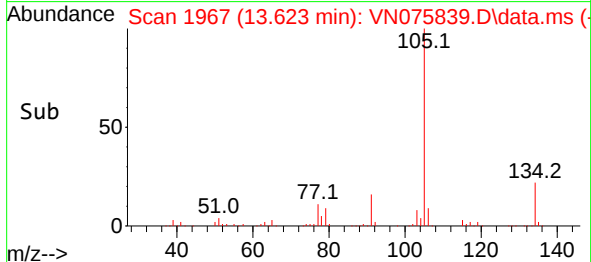
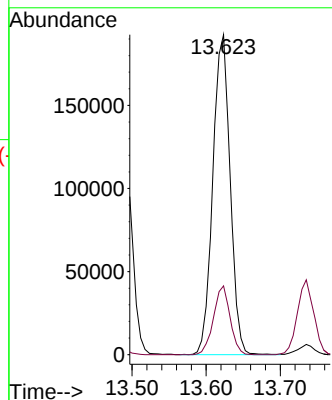
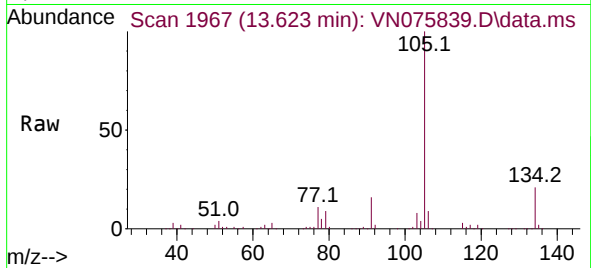




#85
 sec-Butylbenzene
 Concen: 20.539 ug/l
 RT: 13.623 min Scan# 1967
 Delta R.T. 0.006 min
 Lab File: VN075839.D
 Acq: 16 Dec 2022 11:49

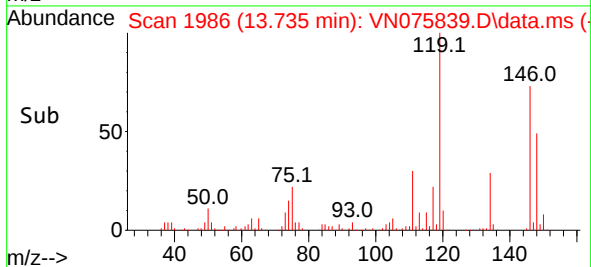
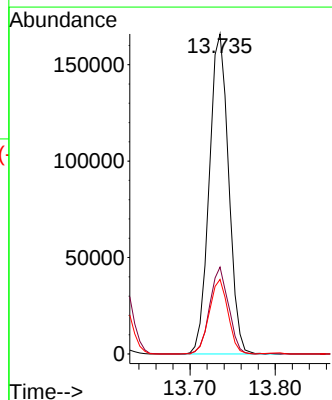
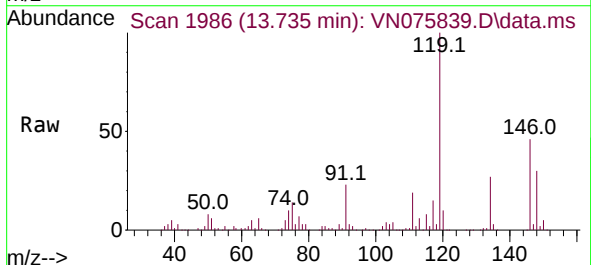
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD01

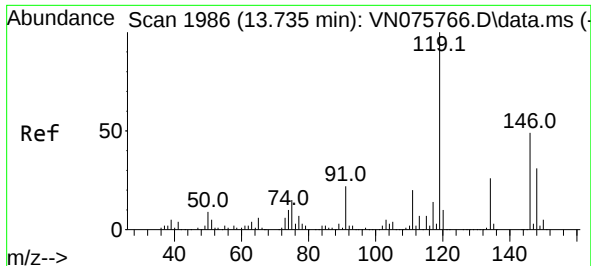
Tgt Ion:105 Resp: 312282
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.700 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075839.D
 Acq: 16 Dec 2022 11:49

Tgt Ion:119 Resp: 261887
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 22.7 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 18.803 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01

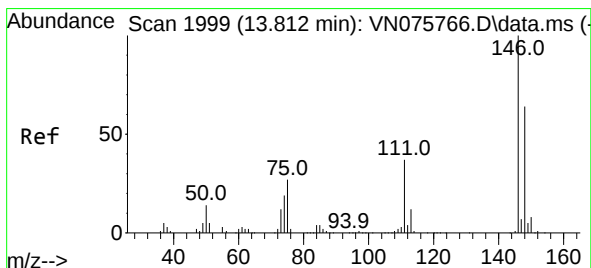
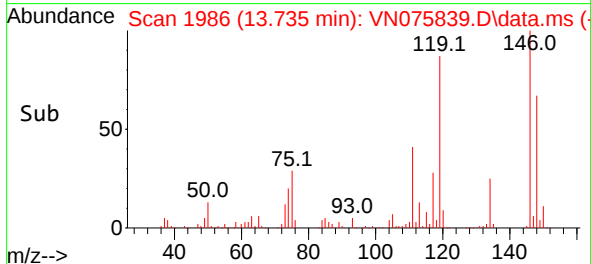
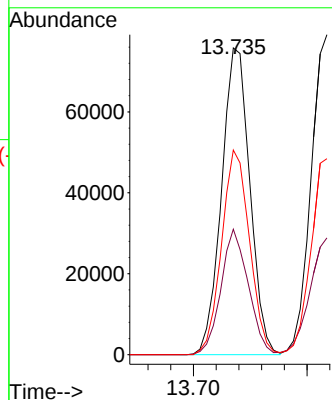
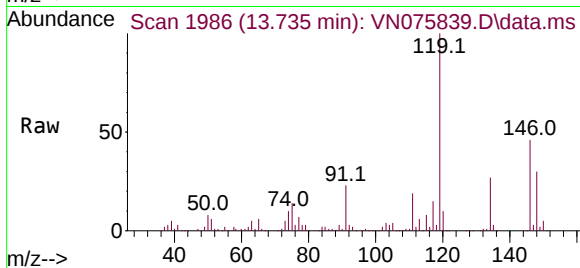
Tgt Ion:146 Resp: 131222

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.0

148 65.9 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 18.614 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

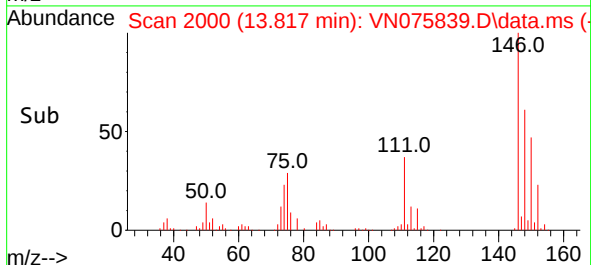
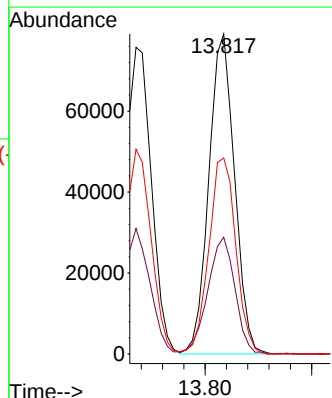
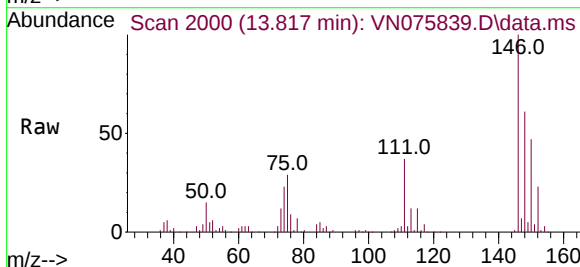
Tgt Ion:146 Resp: 132698

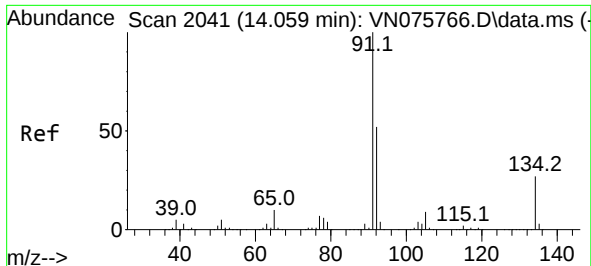
Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.1

148 64.2 32.0 96.2





#89

n-Butylbenzene

Concen: 19.635 ug/l

RT: 14.065 min Scan# 2042

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01

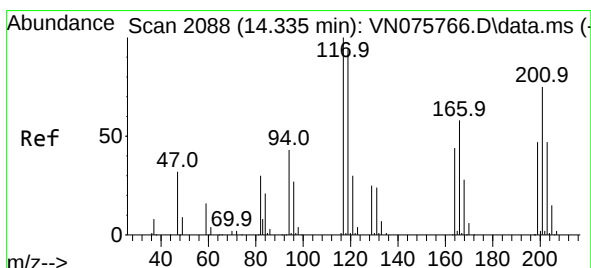
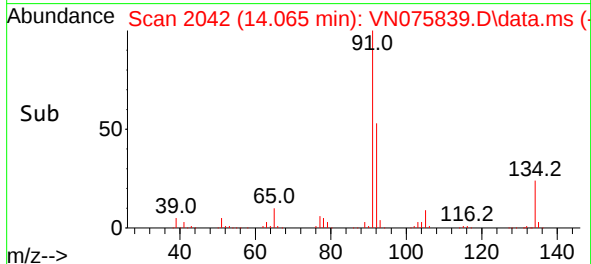
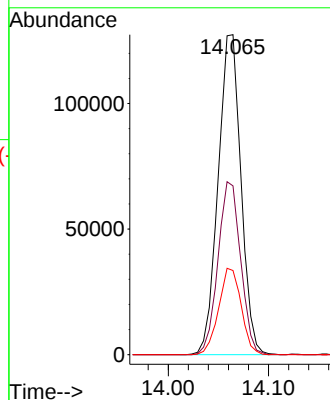
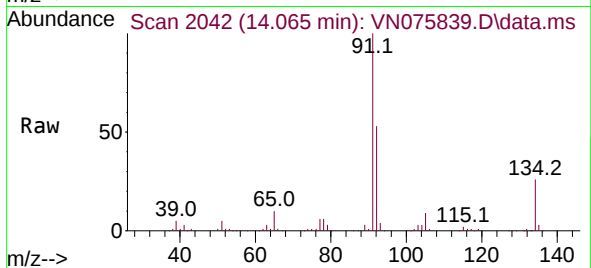
Tgt Ion: 91 Resp: 201246

Ion Ratio Lower Upper

91 100

92 53.6 26.4 79.2

134 26.6 13.4 40.2



#90

Hexachloroethane

Concen: 19.682 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN075839.D

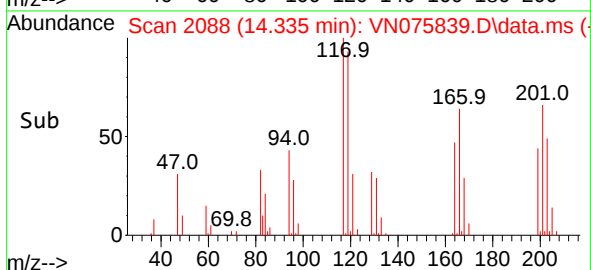
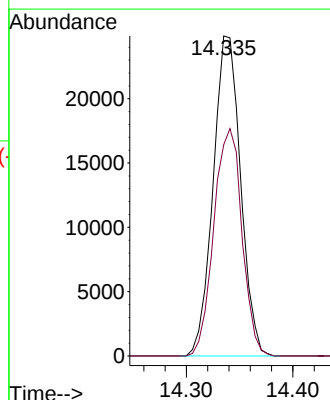
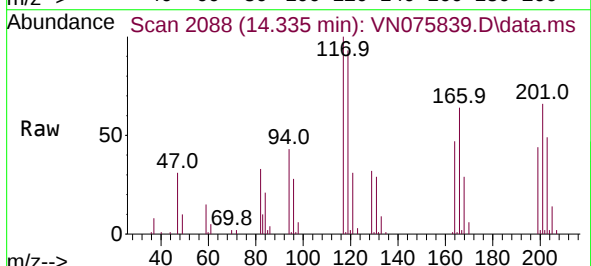
Acq: 16 Dec 2022 11:49

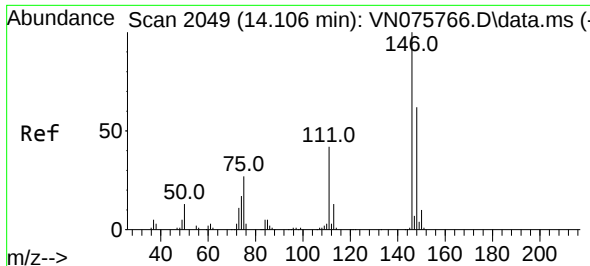
Tgt Ion: 117 Resp: 44542

Ion Ratio Lower Upper

117 100

201 72.6 38.0 114.1

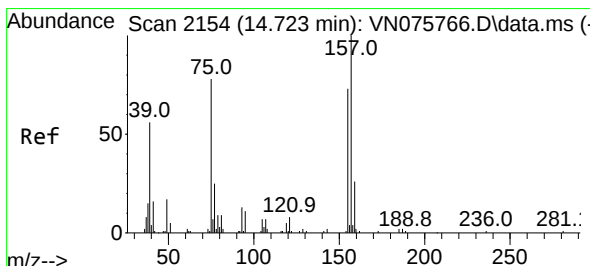
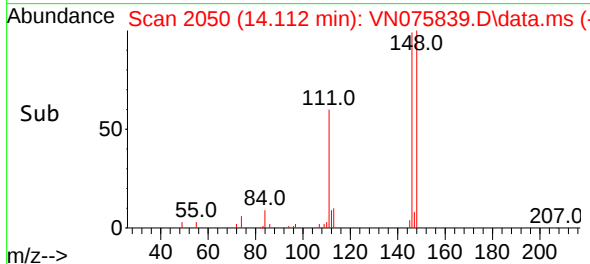
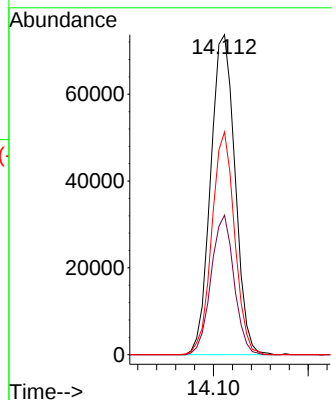
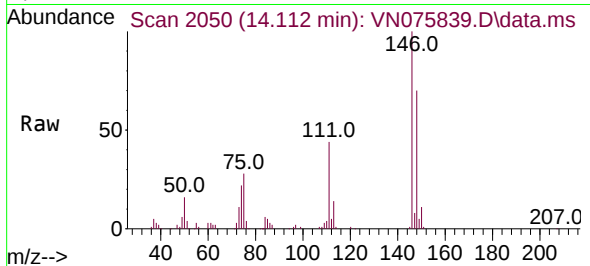




#91
1,2-Dichlorobenzene
Concen: 19.192 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

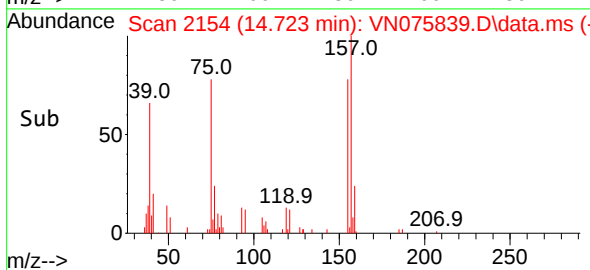
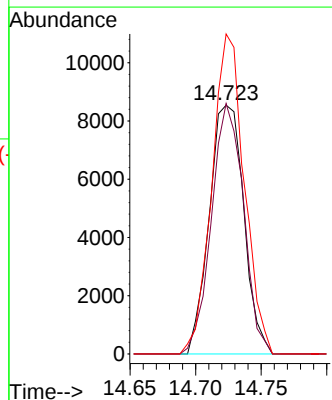
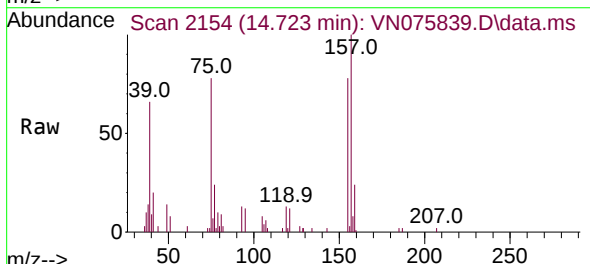
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

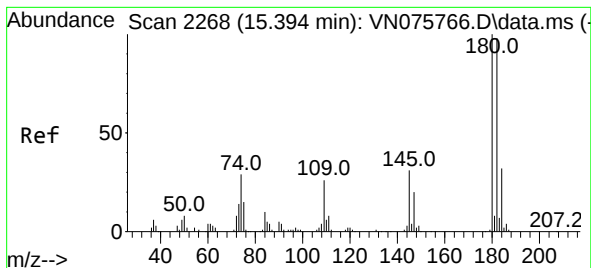
Tgt Ion:146 Resp: 131921
Ion Ratio Lower Upper
146 100
111 41.0 20.3 61.0
148 65.2 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.070 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075839.D
Acq: 16 Dec 2022 11:49

Tgt Ion: 75 Resp: 15616
Ion Ratio Lower Upper
75 100
155 93.2 49.3 147.8
157 120.4 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 18.757 ug/l

RT: 15.400 min Scan# 2269

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01

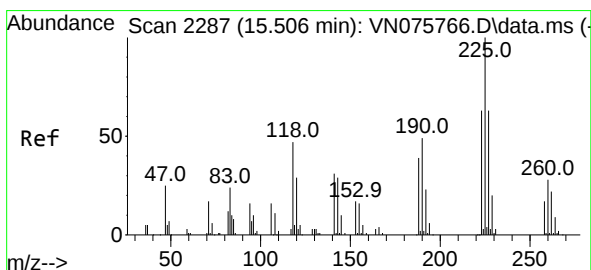
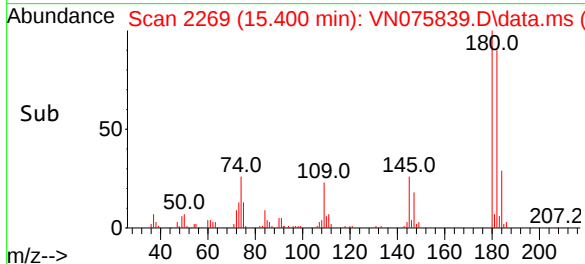
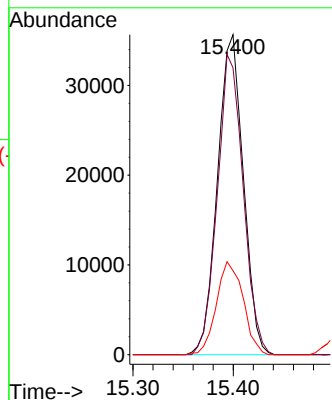
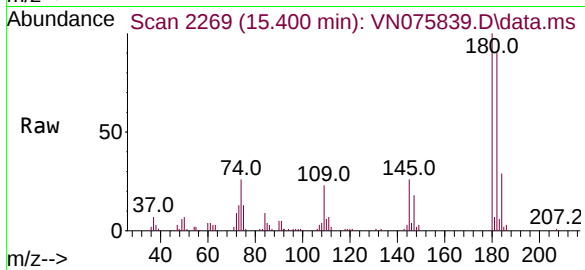
Tgt Ion:180 Resp: 63833

Ion Ratio Lower Upper

180 100

182 93.8 47.5 142.5

145 30.1 15.3 45.8



#94

Hexachlorobutadiene

Concen: 18.378 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

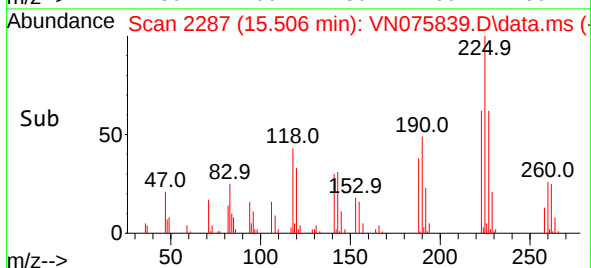
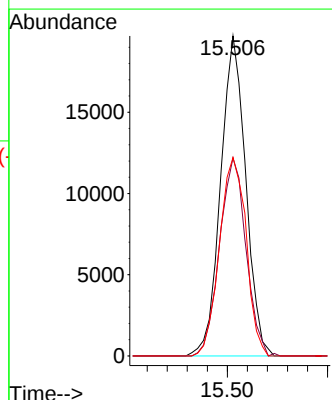
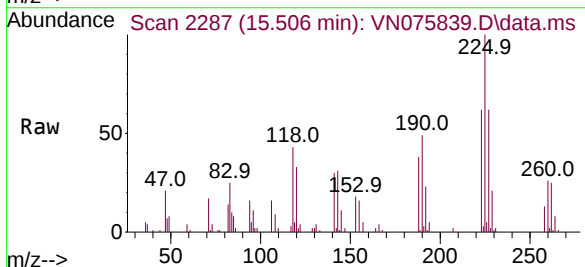
Tgt Ion:225 Resp: 34123

Ion Ratio Lower Upper

225 100

223 65.1 31.5 94.5

227 65.9 31.6 95.0





#95

Naphthalene

Concen: 18.722 ug/l

RT: 15.647 min Scan# 2310

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01

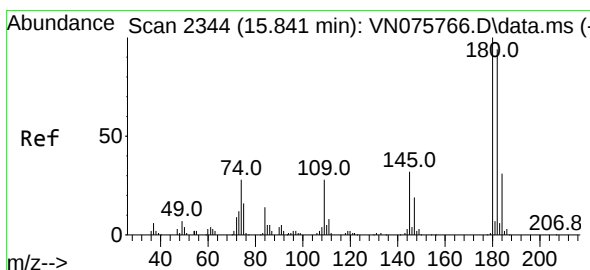
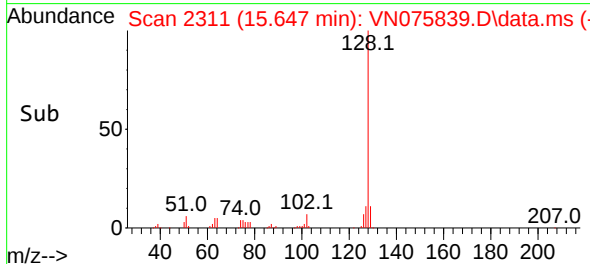
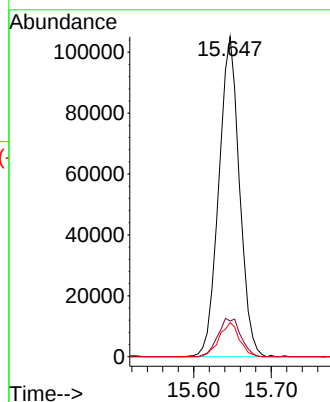
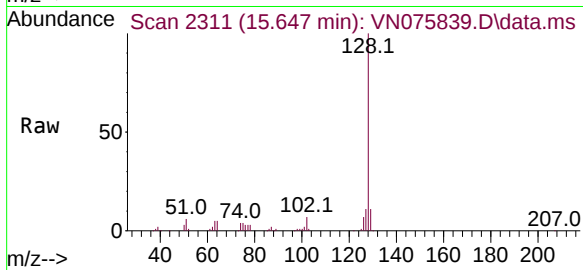
Tgt Ion:128 Resp: 194476

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.058 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN075839.D

Acq: 16 Dec 2022 11:49

Tgt Ion:180 Resp: 63799

Ion Ratio Lower Upper

180 100

182 93.3 47.0 141.0

145 32.6 16.0 47.9

