

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111022\
 Data File : VN075228.D
 Acq On : 10 Nov 2022 11:46
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 11 04:04:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	118853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	209601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	199186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	71636	44.733	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.460%
35) Dibromofluoromethane	8.171	113	64996	52.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.640%
50) Toluene-d8	10.571	98	236346	49.508	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.020%
62) 4-Bromofluorobenzene	12.847	95	90644	54.052	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	69692	45.075	ug/l	99
3) Chloromethane	2.371	50	66571	40.536	ug/l	97
4) Vinyl Chloride	2.524	62	96628	41.244	ug/l	95
5) Bromomethane	2.918	94	102953	62.614	ug/l	93
6) Chloroethane	3.100	64	72536	43.176	ug/l	93
7) Trichlorofluoromethane	3.495	101	125822	52.572	ug/l	96
8) Diethyl Ether	3.965	74	45479	52.098	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	73371	55.511	ug/l	97
10) Methyl Iodide	4.594	142	100756	51.205	ug/l	99
11) Tert butyl alcohol	5.536	59	80194	214.736	ug/l	99
12) 1,1-Dichloroethene	4.342	96	64802	51.436	ug/l	94
13) Acrolein	4.183	56	65896	215.724	ug/l	97
14) Allyl chloride	5.030	41	85554	46.495	ug/l	95
15) Acrylonitrile	5.724	53	203363	257.783	ug/l	99
16) Acetone	4.436	43	234124	345.278	ug/l	97
17) Carbon Disulfide	4.718	76	139153	43.921	ug/l	98
18) Methyl Acetate	5.036	43	118889	53.677	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	255642	54.594	ug/l	99
20) Methylene Chloride	5.277	84	81709	54.045	ug/l	89
21) trans-1,2-Dichloroethene	5.794	96	75233	54.539	ug/l	97
22) Diisopropyl ether	6.677	45	220277	54.246	ug/l	98
23) Vinyl Acetate	6.612	43	758866	223.796	ug/l	99
24) 1,1-Dichloroethane	6.577	63	137814	53.662	ug/l	96
25) 2-Butanone	7.488	43	296125	277.649	ug/l	99
26) 2,2-Dichloropropane	7.488	77	131927	55.839	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	95058	57.704	ug/l	94
28) Bromochloromethane	7.812	49	48244	44.563	ug/l	89
29) Tetrahydrofuran	7.841	42	173041	251.079	ug/l	99
30) Chloroform	7.971	83	157016	56.311	ug/l	100
31) Cyclohexane	8.259	56	114010	47.868	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	142948	56.453	ug/l	97
36) 1,1-Dichloropropene	8.377	75	109248	57.349	ug/l	97
37) Ethyl Acetate	7.565	43	104497	50.019	ug/l	99
38) Carbon Tetrachloride	8.365	117	126047	60.152	ug/l	98
39) Methylcyclohexane	9.606	83	142042	56.481	ug/l	98
40) Benzene	8.606	78	332058	56.930	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	58248	58.195	ug/l	98
42) 1,2-Dichloroethane	8.671	62	118278	55.737	ug/l	97
43) Isopropyl Acetate	8.694	43	171597	52.953	ug/l	98
44) Trichloroethene	9.353	130	88130	60.224	ug/l	97
45) 1,2-Dichloropropane	9.624	63	81955	59.042	ug/l	99
46) Dibromomethane	9.712	93	62382	57.684	ug/l	97
47) Bromodichloromethane	9.888	83	123387	58.918	ug/l	99
48) Methyl methacrylate	9.682	41	77605	52.207	ug/l	98
49) 1,4-Dioxane	9.694	88	40902	1050.781	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	561602	268.563	ug/l	98
52) Toluene	10.629	92	230176	59.034	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	134805	60.985	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	138071	58.891	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	92340	59.728	ug/l	95
56) Ethyl methacrylate	10.876	69	136948	58.073	ug/l	98
57) 1,3-Dichloropropane	11.165	76	151664	58.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	238413	261.509	ug/l	98
59) 2-Hexanone	11.194	43	443210	279.258	ug/l	98
60) Dibromochloromethane	11.359	129	102981	63.136	ug/l	99
61) 1,2-Dibromoethane	11.470	107	95511	60.284	ug/l	99
64) Tetrachloroethene	11.106	164	89100	72.962	ug/l	93
65) Chlorobenzene	11.894	112	247065	58.110	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	97403	61.757	ug/l	98
67) Ethyl Benzene	11.965	91	452709	59.183	ug/l	100
68) m/p-Xylenes	12.070	106	370044	120.563	ug/l	99
69) o-Xylene	12.400	106	181158	59.683	ug/l	96
70) Styrene	12.412	104	299099	61.799	ug/l	98
71) Bromoform	12.576	173	74162	62.804	ug/l #	99
73) Isopropylbenzene	12.694	105	473307	53.850	ug/l	98
74) N-amyl acetate	12.494	43	156567	48.164	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	140402	55.698	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	182996	78.722	ug/l	75
77) Bromobenzene	12.982	156	110309	56.999	ug/l	91
78) n-propylbenzene	13.035	91	548395	55.573	ug/l	100
79) 2-Chlorotoluene	13.123	91	324495	53.812	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	415776	56.321	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	46430	51.272	ug/l	98
82) 4-Chlorotoluene	13.123	91	324495	53.812	ug/l	98
83) tert-Butylbenzene	13.441	119	362670	55.288	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	423725	56.729	ug/l	97
85) sec-Butylbenzene	13.617	105	529721	57.726	ug/l	99
86) p-Isopropyltoluene	13.729	119	457810	60.409	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	228589	60.326	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	225937	60.248	ug/l	99
89) n-Butylbenzene	14.059	91	375662	61.555	ug/l	99
90) Hexachloroethane	14.335	117	75838	54.579	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	223527	59.337	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29698	50.092	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	111200	68.599	ug/l	97
94) Hexachlorobutadiene	15.500	225	50663	64.110	ug/l	99
95) Naphthalene	15.641	128	380026	60.962	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	108234	67.199	ug/l	99

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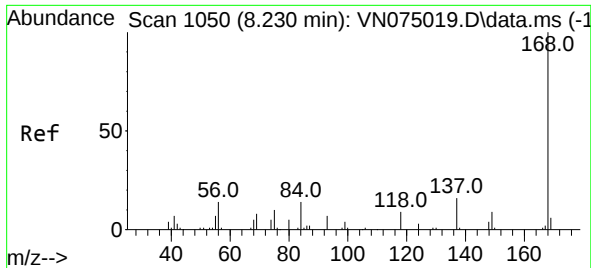
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QLast Update : Thu Oct 27 09:48:49 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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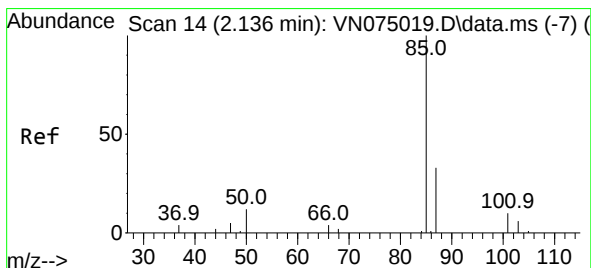
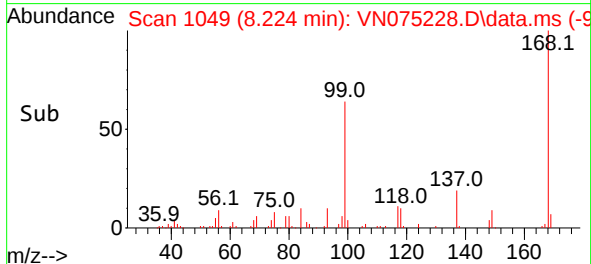
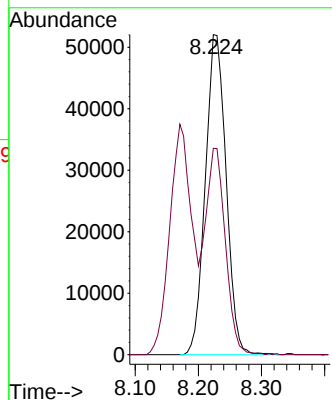
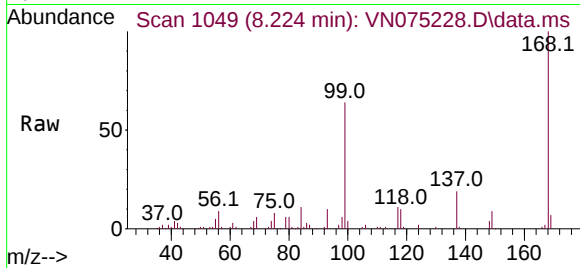




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.006 min
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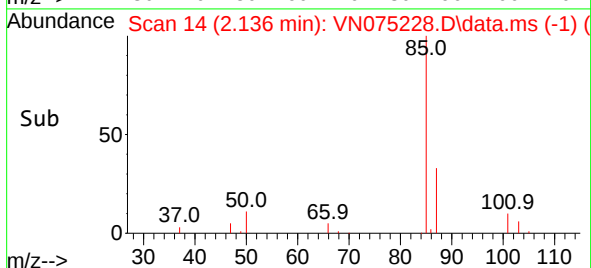
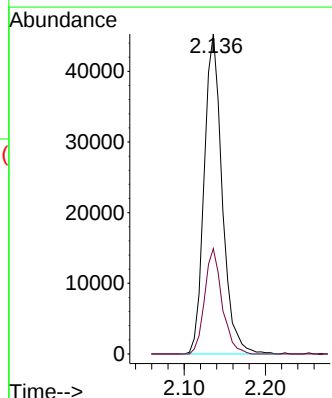
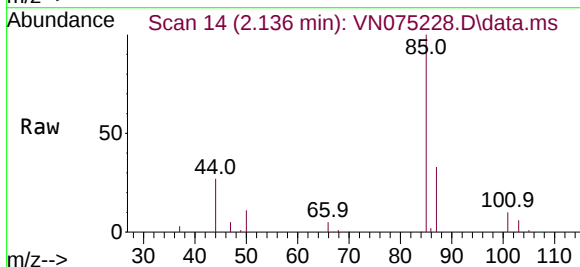
Instrument :
MSVOA_N
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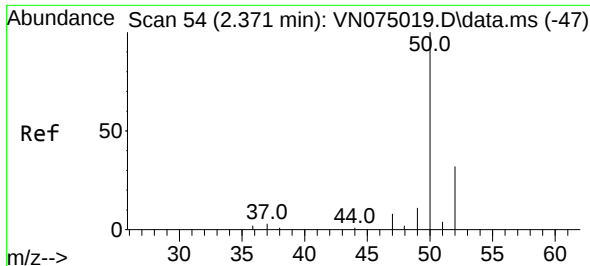
Tgt Ion:168 Resp: 118853
Ion Ratio Lower Upper
168 100
99 64.5 51.6 77.4



#2
Dichlorodifluoromethane
Concen: 45.075 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 85 Resp: 69692
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.0

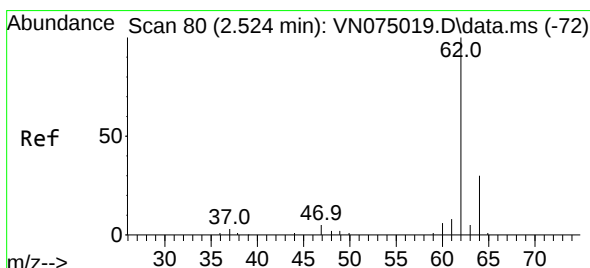
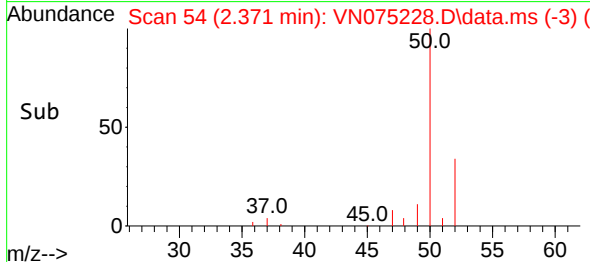
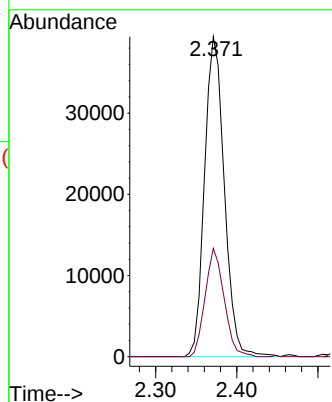
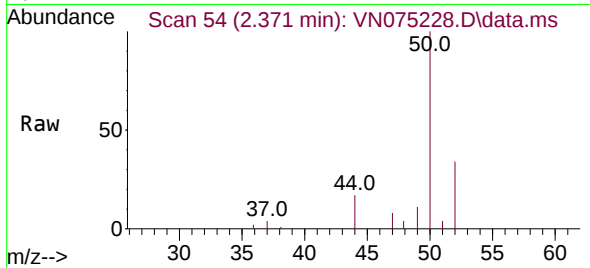




#3
Chloromethane
Concen: 40.536 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075228.D
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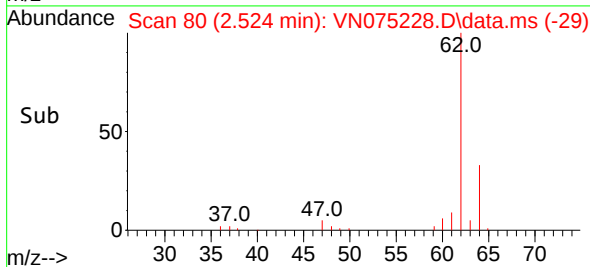
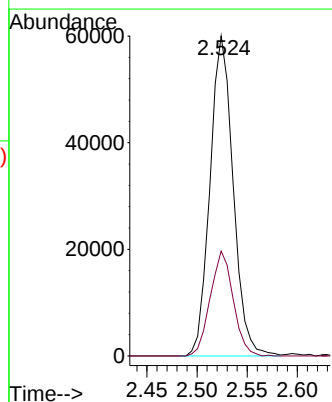
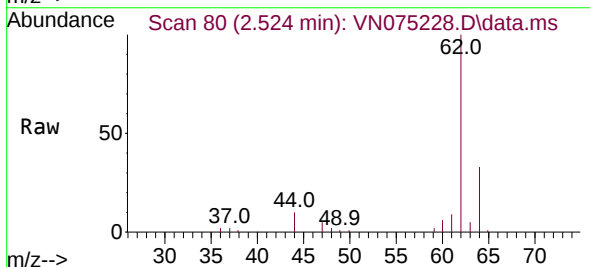
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 66571
Ion Ratio Lower Upper
50 100
52 33.9 25.8 38.6



#4
Vinyl Chloride
Concen: 41.244 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 62 Resp: 96628
Ion Ratio Lower Upper
62 100
64 32.8 24.0 36.0

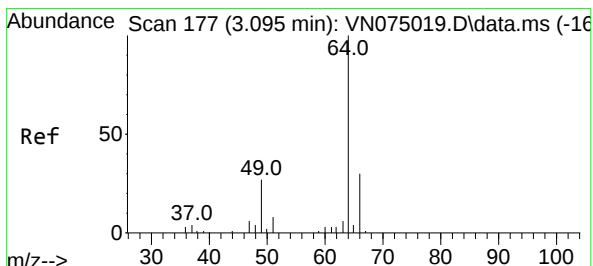
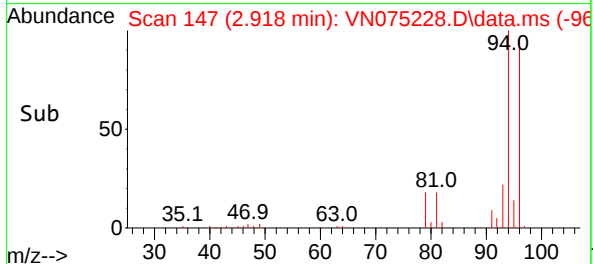
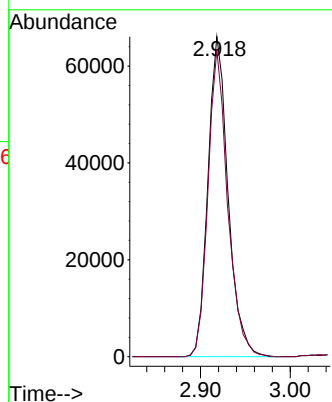
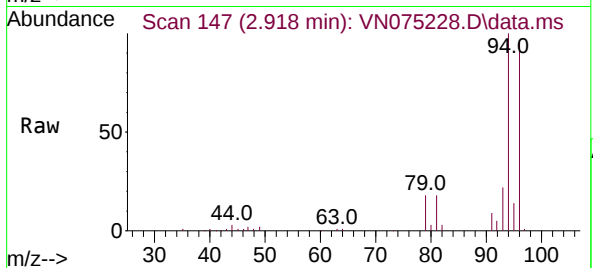




#5
Bromomethane
Concen: 62.614 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

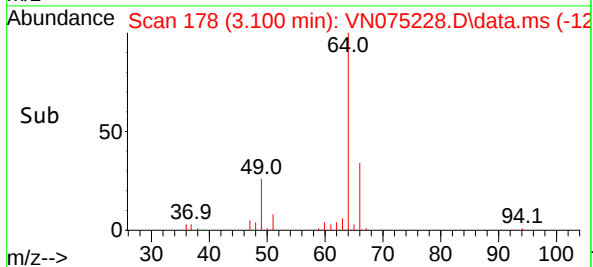
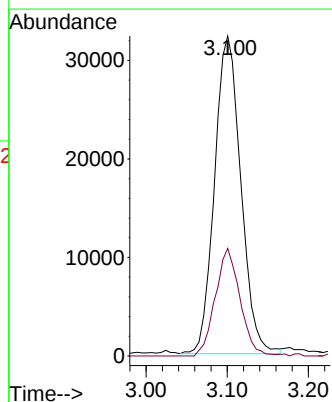
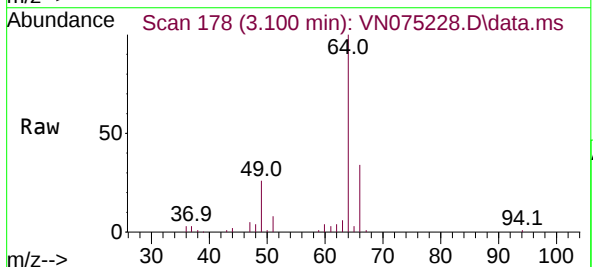
Instrument :
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Tgt Ion: 94 Resp: 102953
Ion Ratio Lower Upper
94 100
96 95.9 71.8 107.6



#6
Chloroethane
Concen: 43.176 ug/l
RT: 3.100 min Scan# 178
Delta R.T. 0.005 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 64 Resp: 72536
Ion Ratio Lower Upper
64 100
66 33.8 23.8 35.8

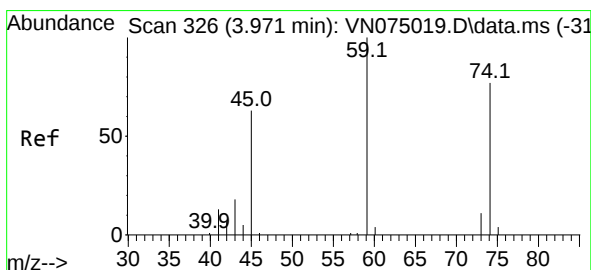
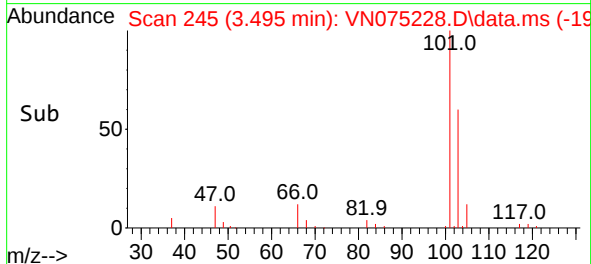
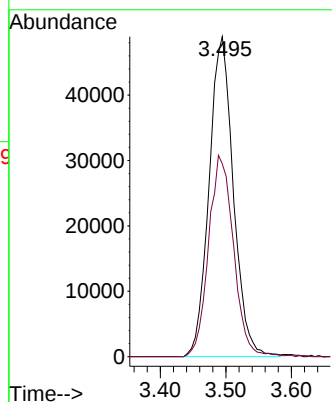
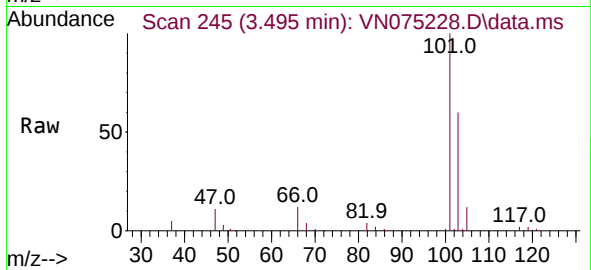




#7
 Trichlorofluoromethane
 Concen: 52.572 ug/l
 RT: 3.495 min Scan# 244
 Delta R.T. 0.006 min
 Lab File: VN075228.D
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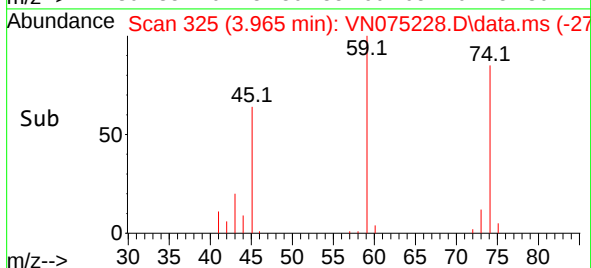
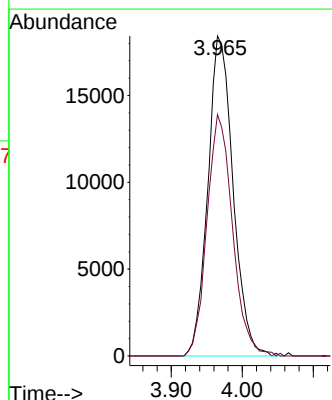
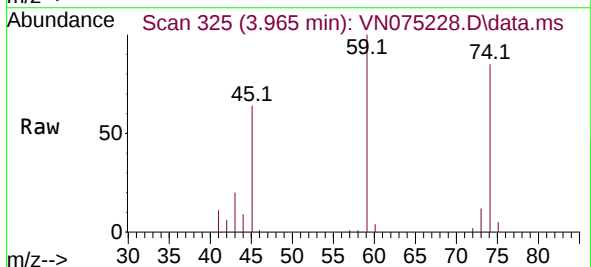
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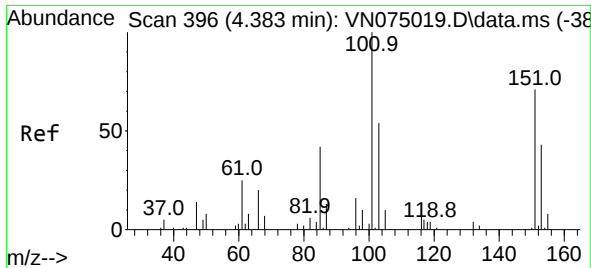
Tgt Ion:101 Resp: 125822
 Ion Ratio Lower Upper
 101 100
 103 60.3 50.5 75.7



#8
 Diethyl Ether
 Concen: 52.098 ug/l
 RT: 3.965 min Scan# 325
 Delta R.T. -0.006 min
 Lab File: VN075228.D
 Acq: 10 Nov 2022 11:46

Tgt Ion: 74 Resp: 45479
 Ion Ratio Lower Upper
 74 100
 45 76.6 39.3 117.9

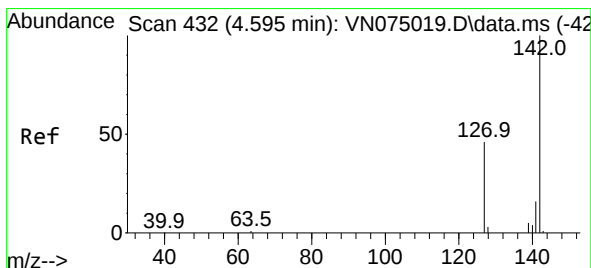
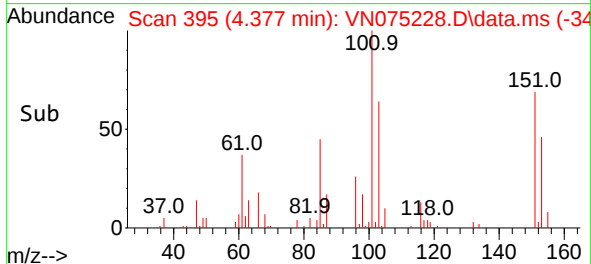
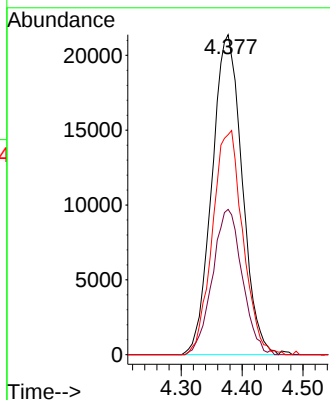
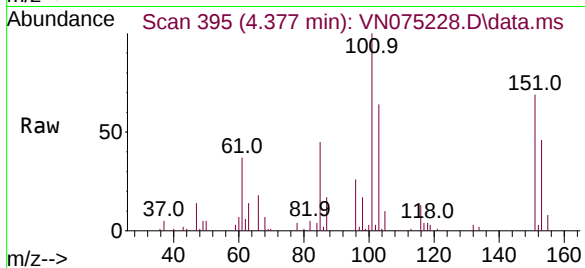




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.511 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075228.D
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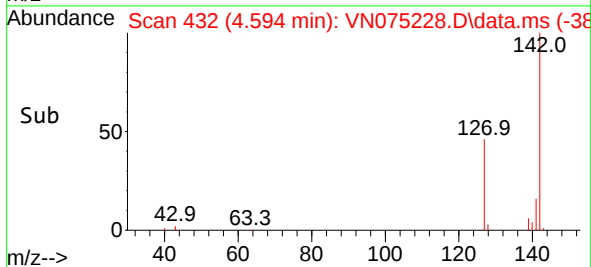
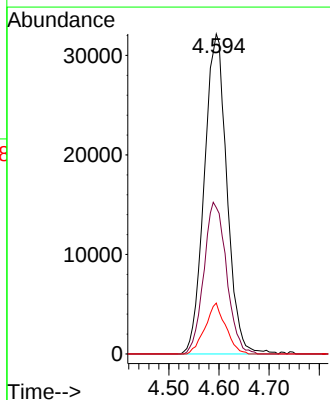
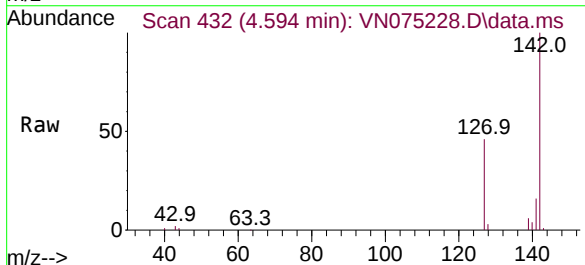
Instrument :
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Tgt Ion:101 Resp: 73371
Ion Ratio Lower Upper
101 100
85 45.0 37.6 56.4
151 70.8 58.3 87.5



#10
Methyl Iodide
Concen: 51.205 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.001 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion:142 Resp: 100756
Ion Ratio Lower Upper
142 100
127 47.6 38.0 57.0
141 14.5 12.2 18.4

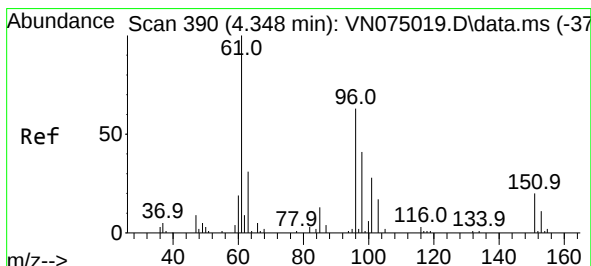
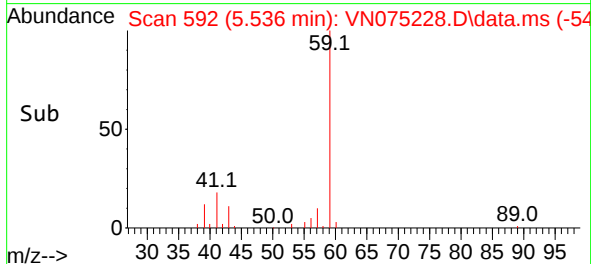
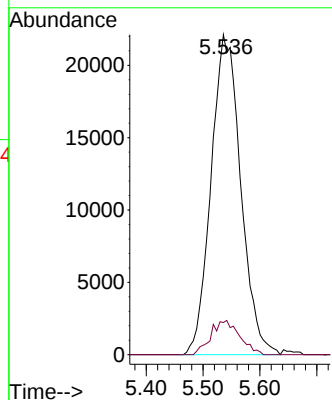
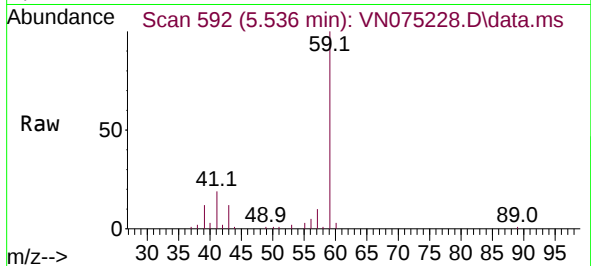




#11
Tert butyl alcohol
Concen: 214.736 ug/l
RT: 5.536 min Scan# 59
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

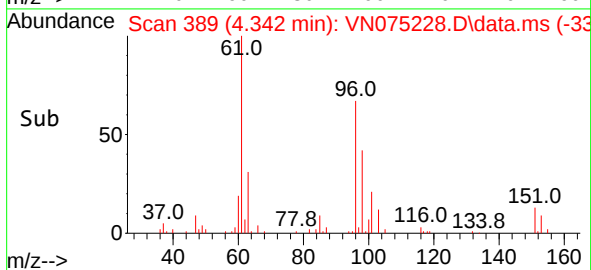
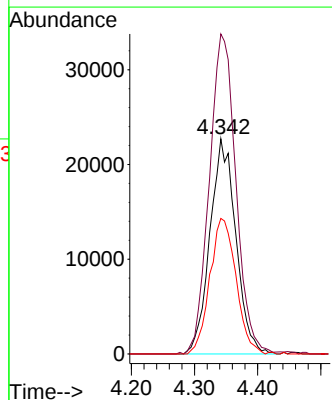
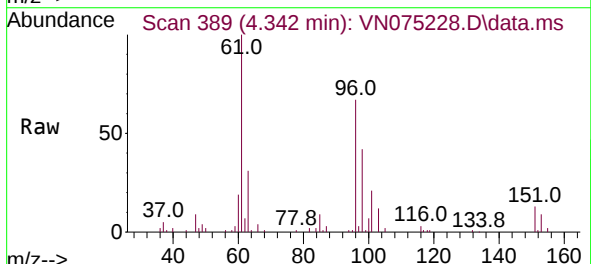
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

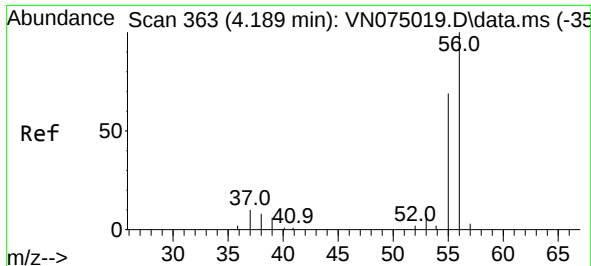
Tgt Ion: 59 Resp: 80194
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 51.436 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 96 Resp: 64802
Ion Ratio Lower Upper
96 100
61 148.0 126.2 189.4
98 63.0 51.5 77.3

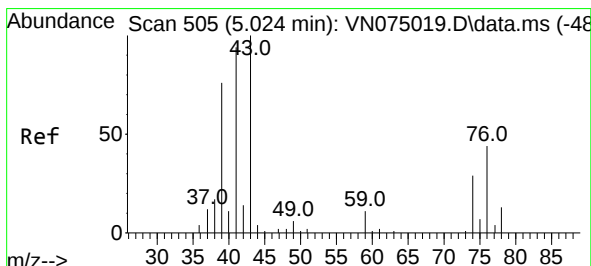
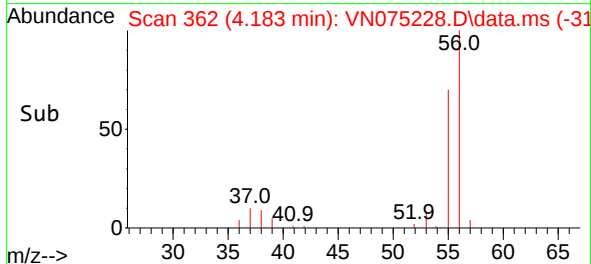
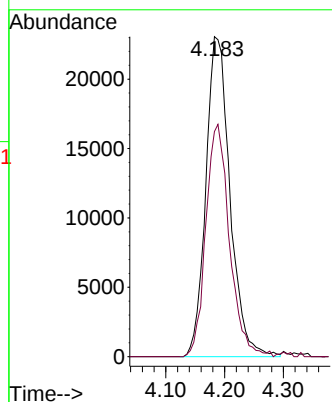
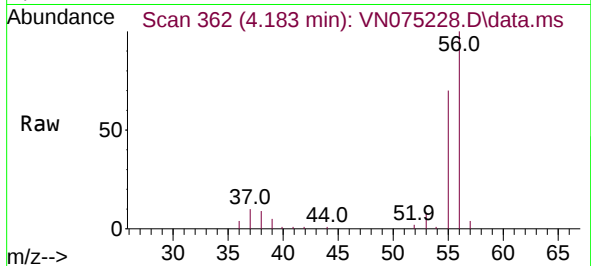




#13
Acrolein
Concen: 215.724 ug/l
RT: 4.183 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

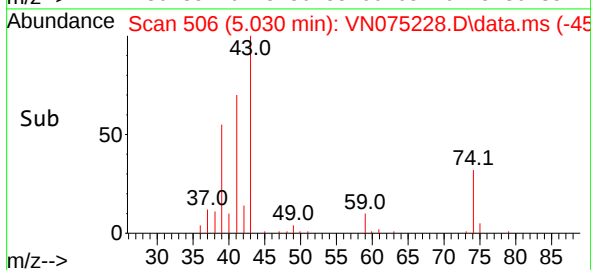
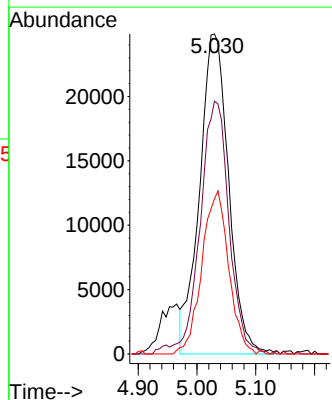
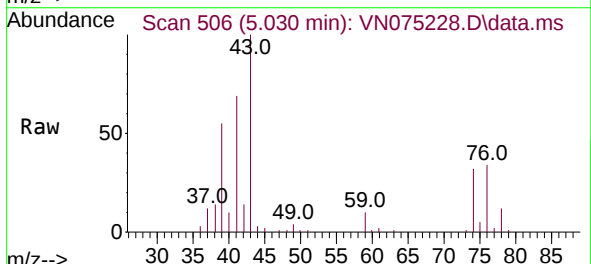
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 65896
Ion Ratio Lower Upper
56 100
55 71.1 55.2 82.8



#14
Allyl chloride
Concen: 46.495 ug/l
RT: 5.030 min Scan# 506
Delta R.T. 0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 41 Resp: 85554
Ion Ratio Lower Upper
41 100
39 78.5 61.0 91.4
76 46.9 33.4 50.0

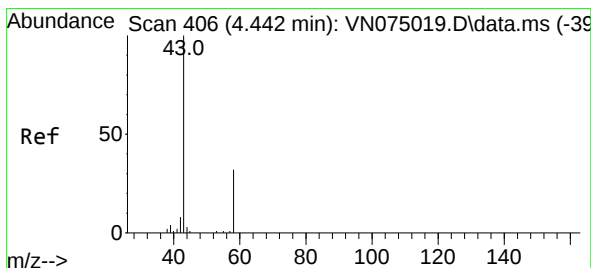
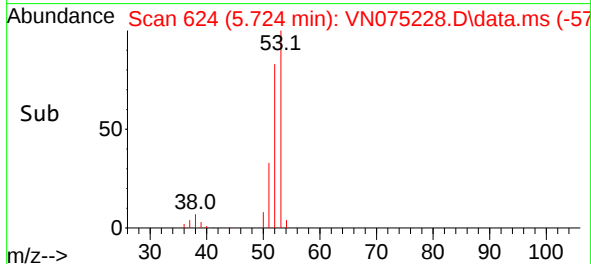
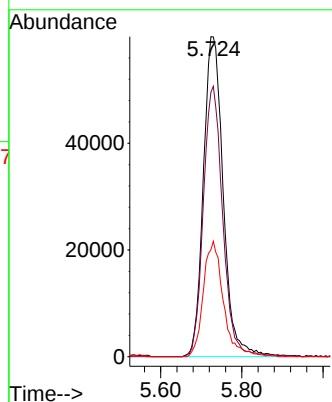
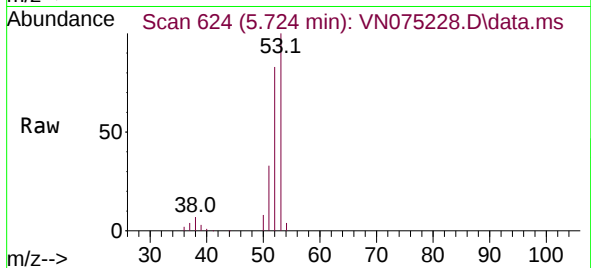




#15
Acrylonitrile
Concen: 257.783 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

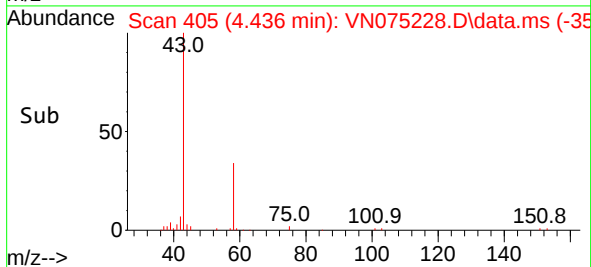
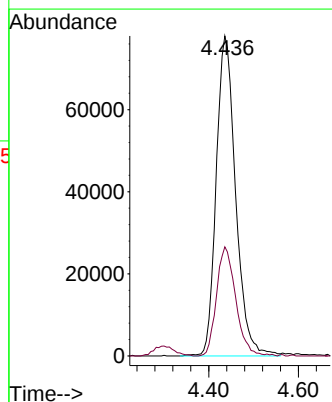
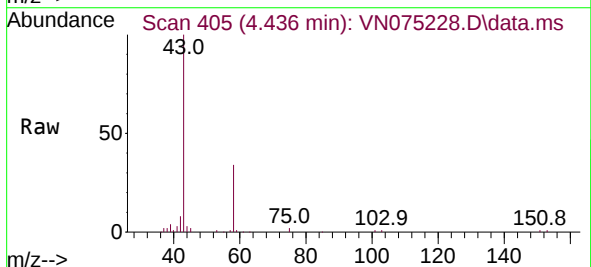
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

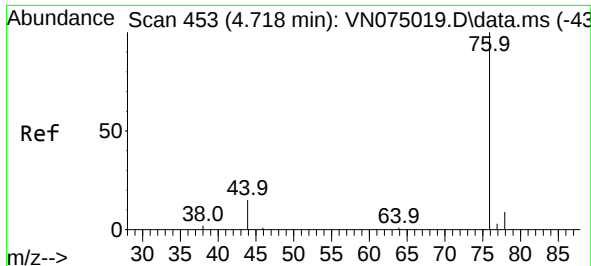
Tgt Ion: 53 Resp: 203363
Ion Ratio Lower Upper
53 100
52 82.4 66.4 99.6
51 36.4 29.6 44.4



#16
Acetone
Concen: 345.278 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 43 Resp: 234124
Ion Ratio Lower Upper
43 100
58 33.7 25.5 38.3

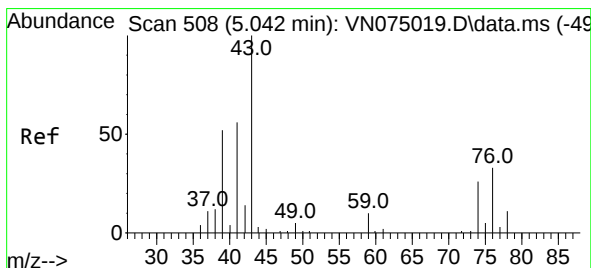
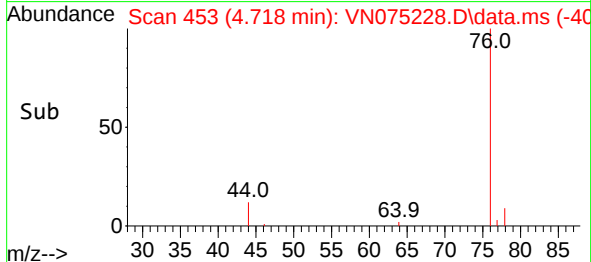
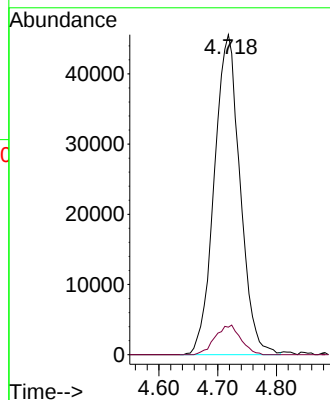
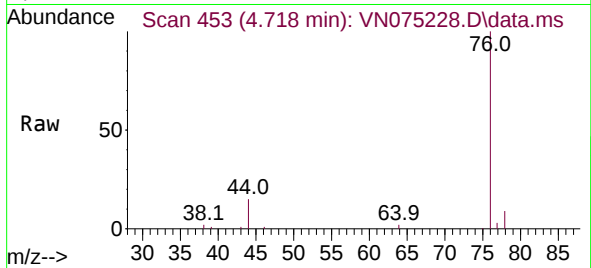




#17
Carbon Disulfide
Concen: 43.921 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

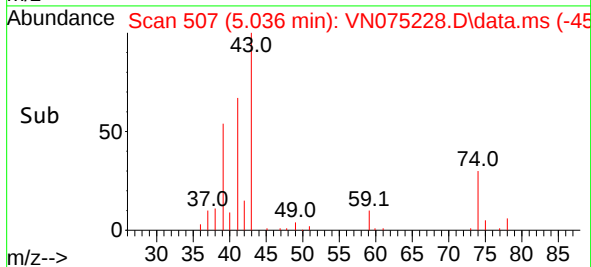
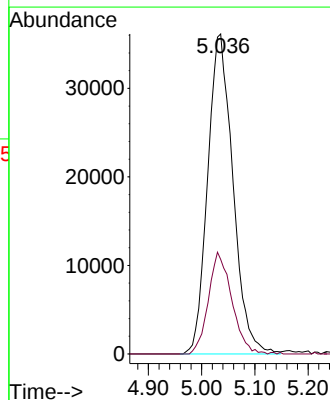
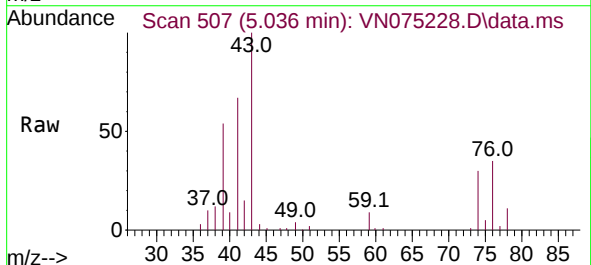
Instrument :
MSVOA_N
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VSTDCCC050

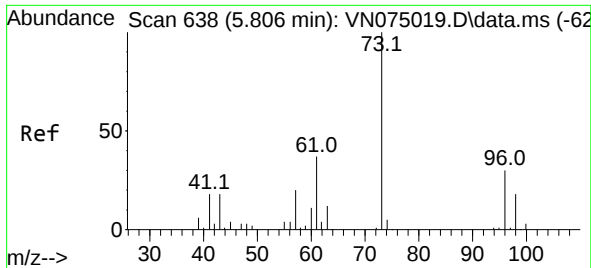
Tgt Ion: 76 Resp: 139153
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 53.677 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 43 Resp: 118889
Ion Ratio Lower Upper
43 100
74 29.4 22.0 33.0

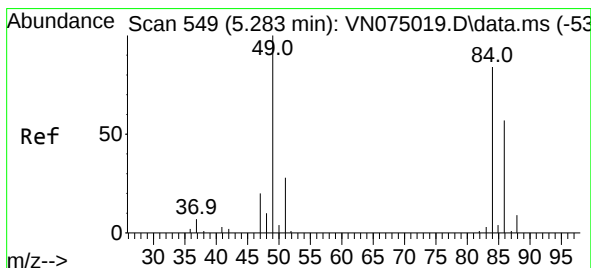
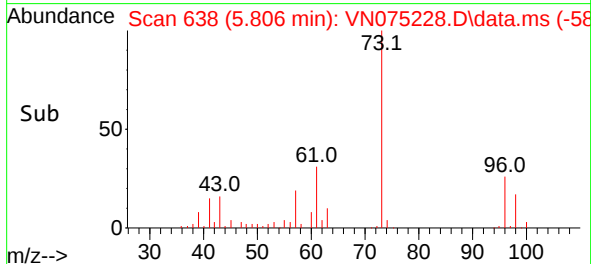
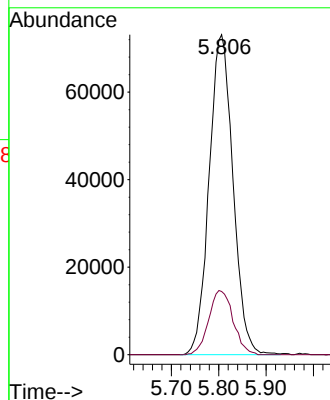
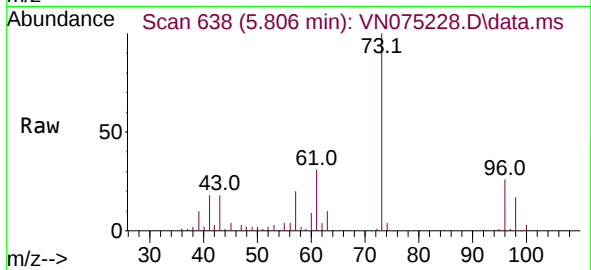




#19
Methyl tert-butyl Ether
Concen: 54.594 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

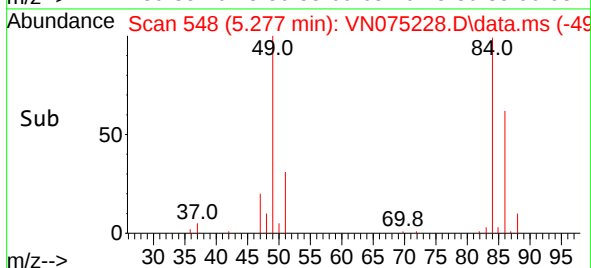
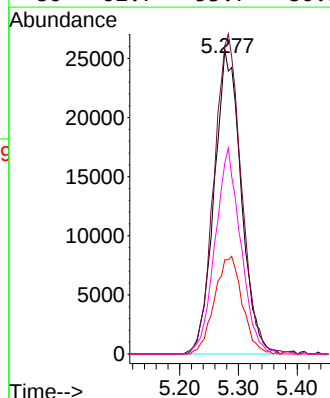
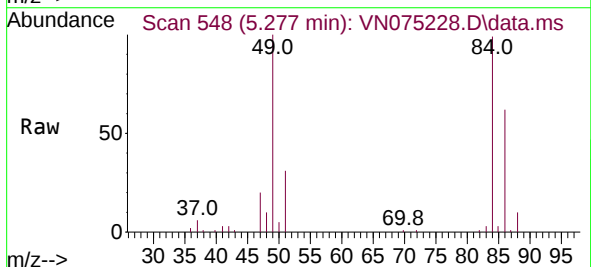
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

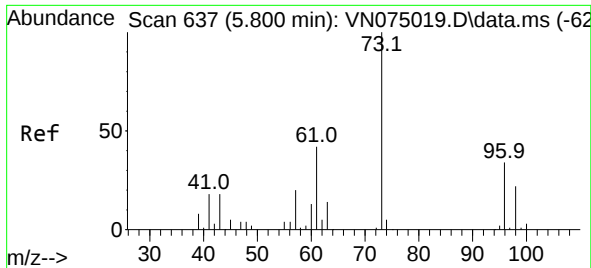
Tgt Ion: 73 Resp: 255642
Ion Ratio Lower Upper
73 100
57 19.7 16.3 24.5



#20
Methylene Chloride
Concen: 54.045 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 84 Resp: 81709
Ion Ratio Lower Upper
84 100
49 101.3 94.9 142.3
51 31.0 26.8 40.2
86 62.7 53.7 80.5

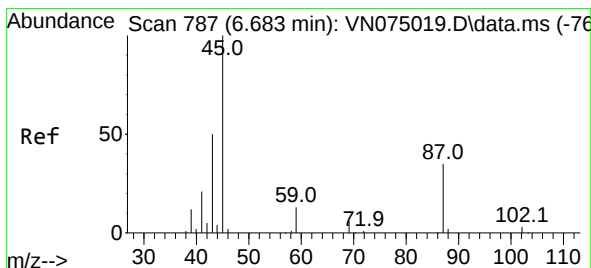
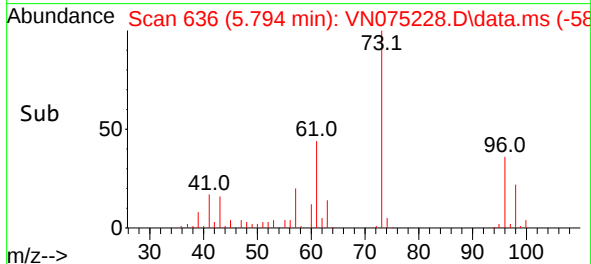
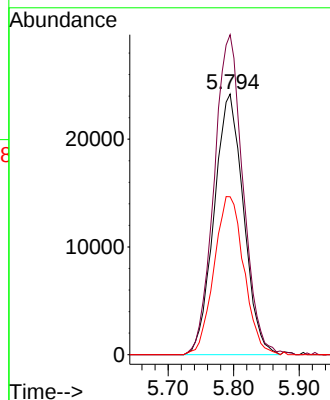
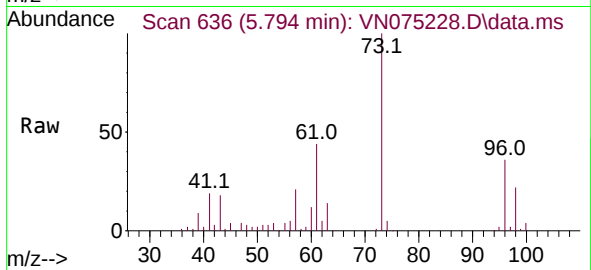




#21
trans-1,2-Dichloroethene
Concen: 54.539 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

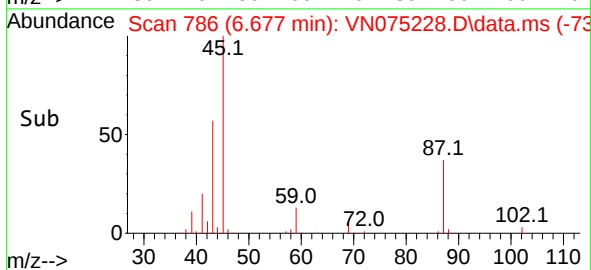
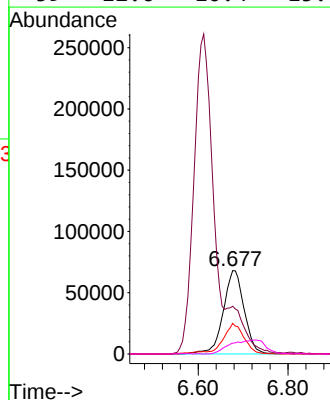
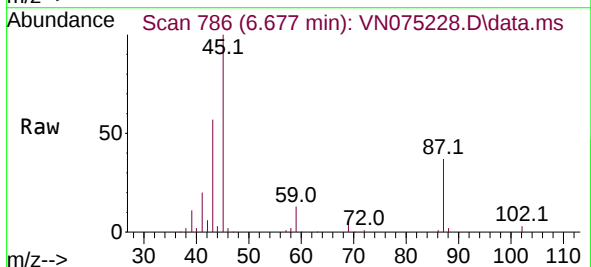
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

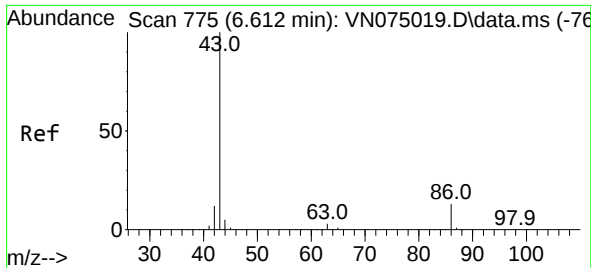
Tgt Ion: 96 Resp: 75233
Ion Ratio Lower Upper
96 100
61 122.7 99.9 149.9
98 60.6 51.5 77.3



#22
Diisopropyl ether
Concen: 54.246 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 45 Resp: 220277
Ion Ratio Lower Upper
45 100
43 55.4 42.8 64.2
87 36.6 28.4 42.6
59 12.6 10.4 15.6

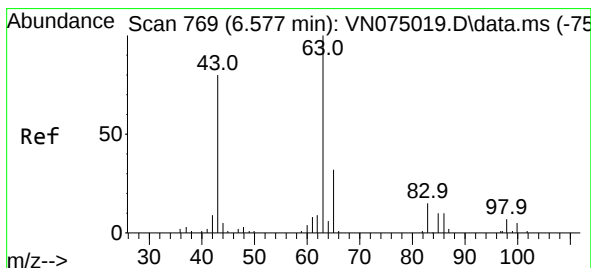
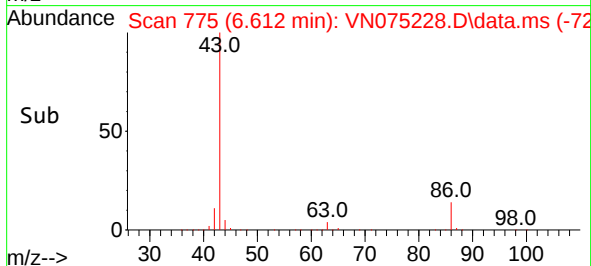
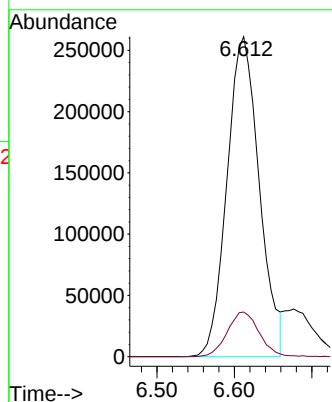
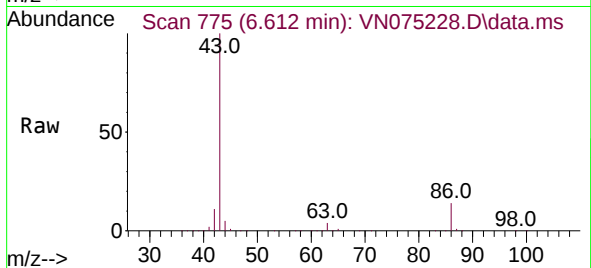




#23
 Vinyl Acetate
 Concen: 223.796 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075228.D
 Acq: 10 Nov 2022 11:46

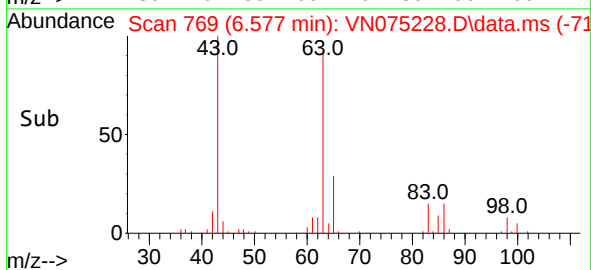
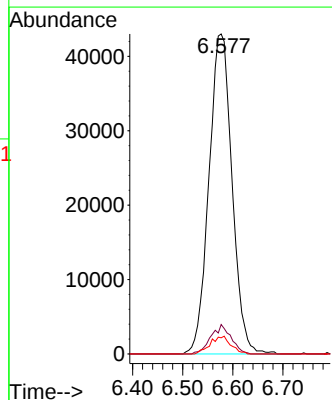
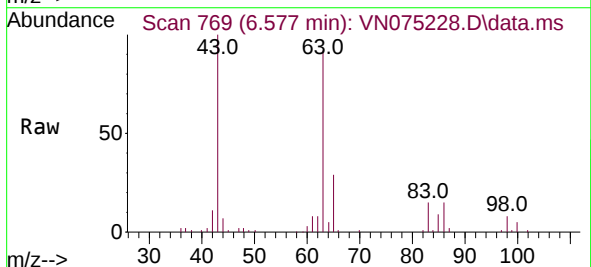
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

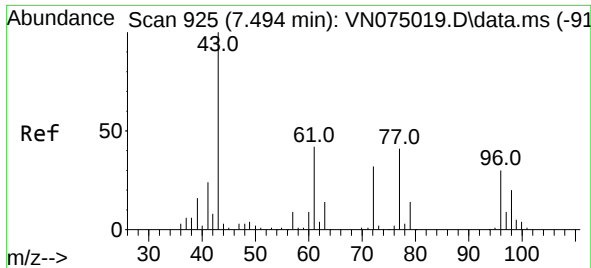
Tgt Ion: 43 Resp: 758866
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 53.662 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075228.D
 Acq: 10 Nov 2022 11:46

Tgt Ion: 63 Resp: 137814
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.6 10.8
 100 5.0 2.4 7.2

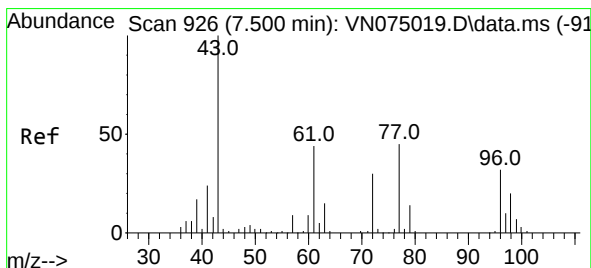
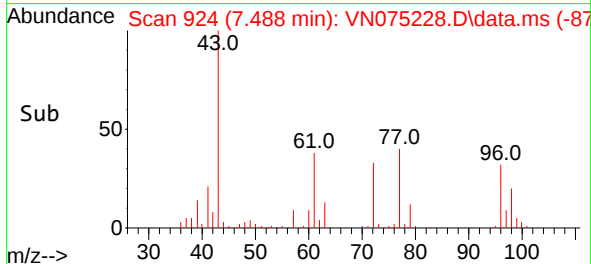
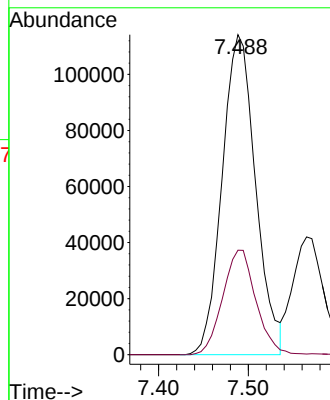
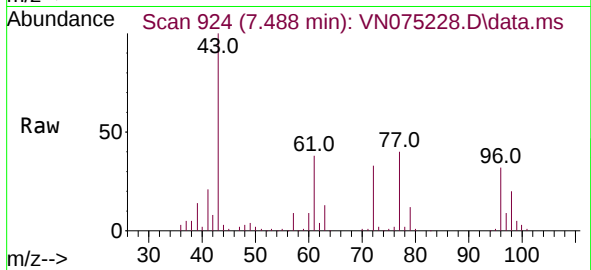




#25
2-Butanone
Concen: 277.649 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

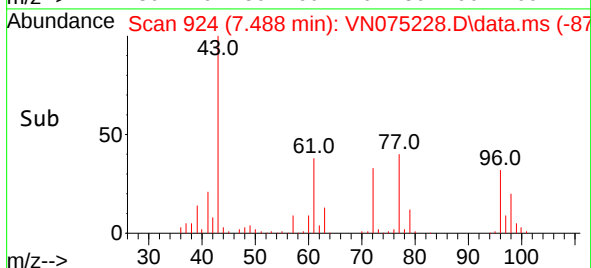
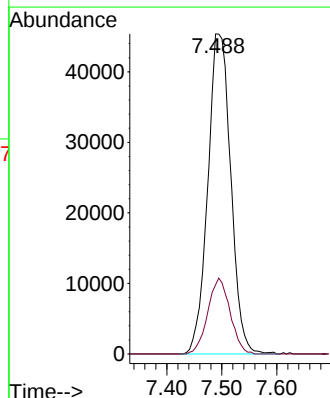
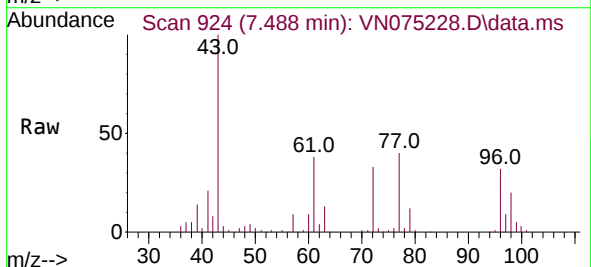
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

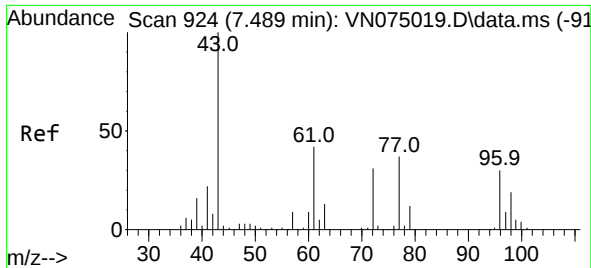
Tgt Ion: 43 Resp: 296125
Ion Ratio Lower Upper
43 100
72 32.7 25.5 38.3



#26
2,2-Dichloropropane
Concen: 55.839 ug/l
RT: 7.488 min Scan# 924
Delta R.T. -0.012 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 77 Resp: 131927
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6

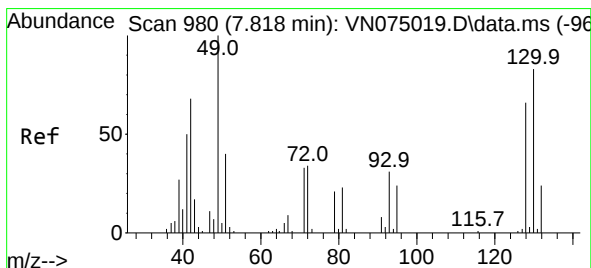
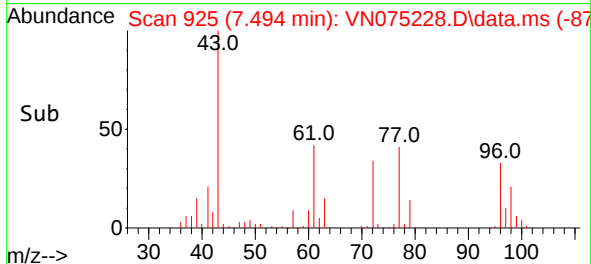
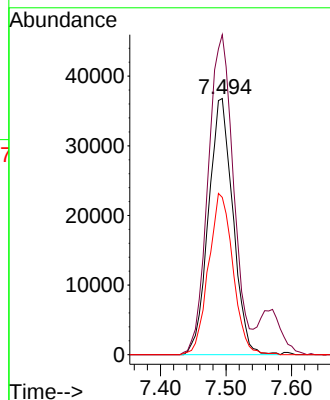
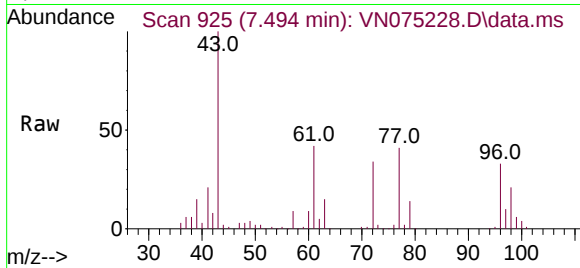




#27
 cis-1,2-Dichloroethene
 Concen: 57.704 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.005 min
 Lab File: VN075228.D
 Acq: 10 Nov 2022 11:46

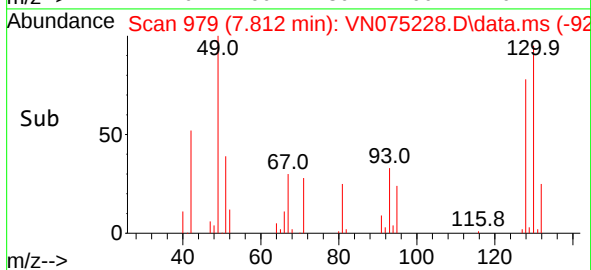
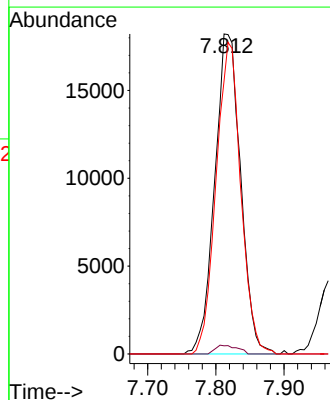
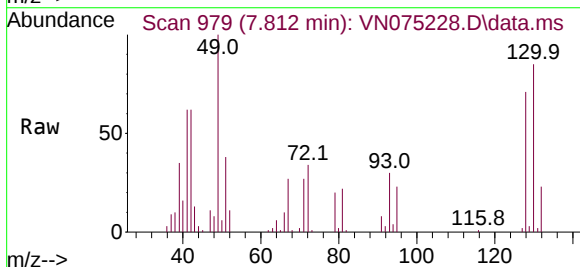
Instrument :
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 VSTDCCC050

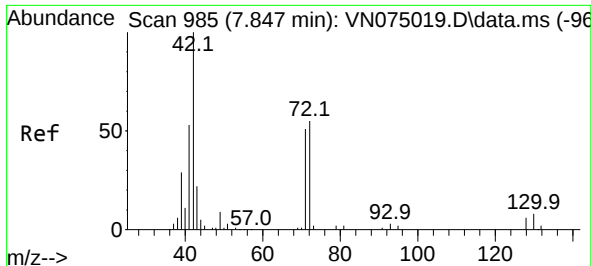
Tgt Ion: 96 Resp: 95058
 Ion Ratio Lower Upper
 96 100
 61 130.4 0.0 278.8
 98 63.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 44.563 ug/l
 RT: 7.812 min Scan# 979
 Delta R.T. -0.006 min
 Lab File: VN075228.D
 Acq: 10 Nov 2022 11:46

Tgt Ion: 49 Resp: 48244
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 92.6 66.2 99.4





#29

Tetrahydrofuran

Concen: 251.079 ug/l

RT: 7.841 min Scan# 984

Delta R.T. -0.006 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

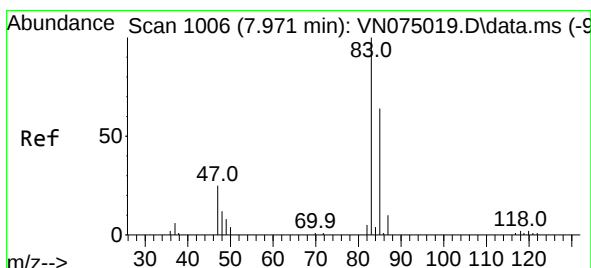
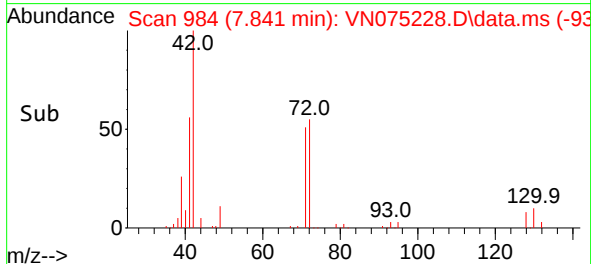
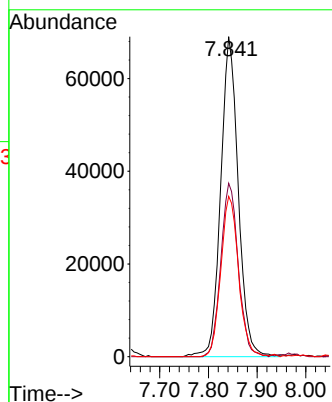
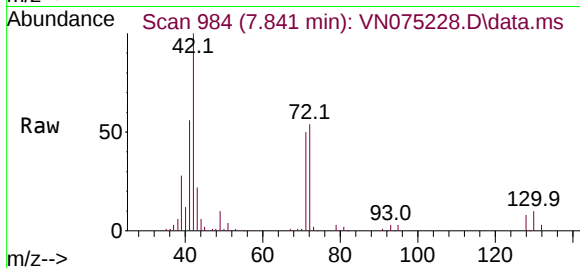
Tgt Ion: 42 Resp: 173041

Ion Ratio Lower Upper

42 100

72 54.0 43.0 64.6

71 50.5 39.9 59.9



#30

Chloroform

Concen: 56.311 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075228.D

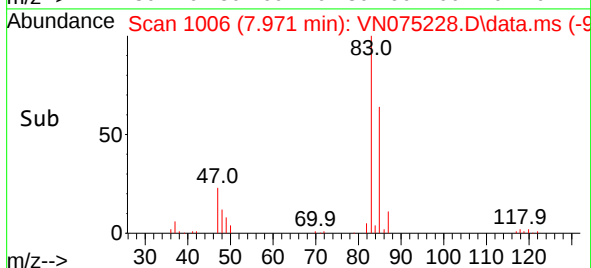
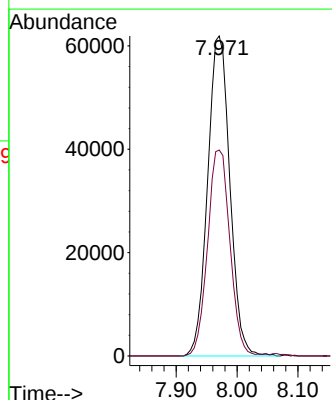
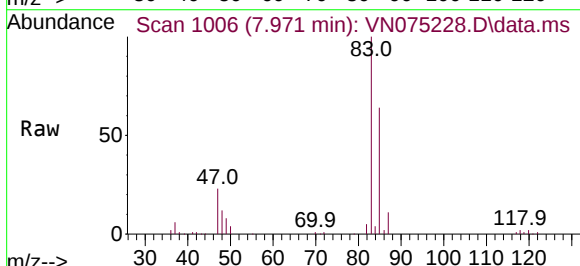
Acq: 10 Nov 2022 11:46

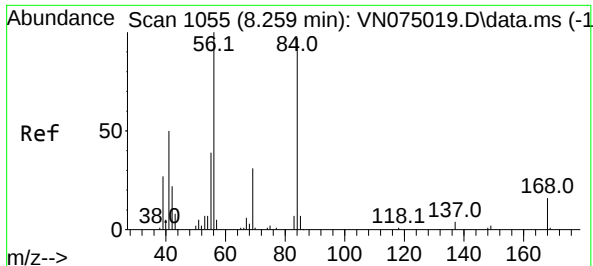
Tgt Ion: 83 Resp: 157016

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.0





#31

Cyclohexane

Concen: 47.868 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

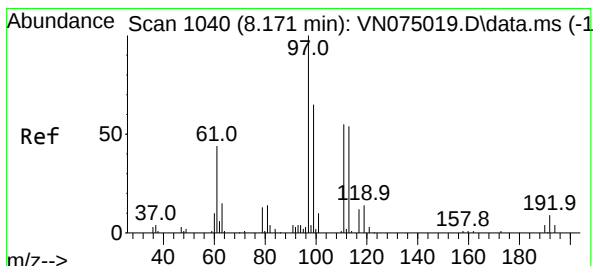
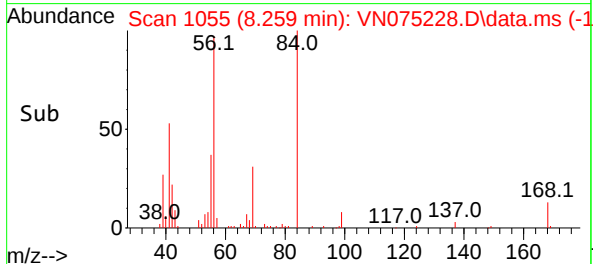
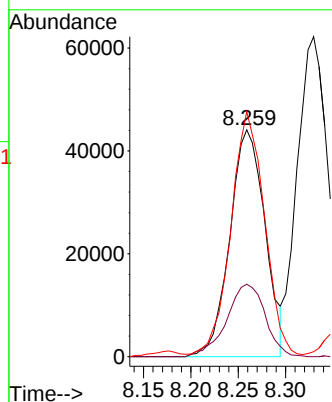
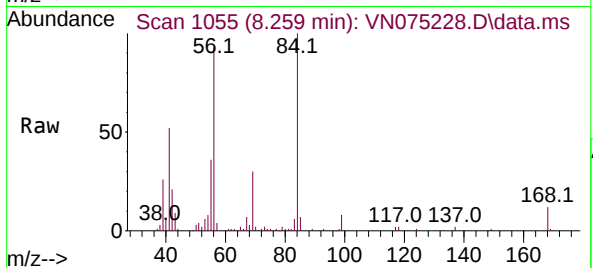
Tgt Ion: 56 Resp: 114010

Ion Ratio Lower Upper

56 100

69 31.9 25.2 37.8

84 106.7 77.8 116.8



#32

1,1,1-Trichloroethane

Concen: 56.453 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

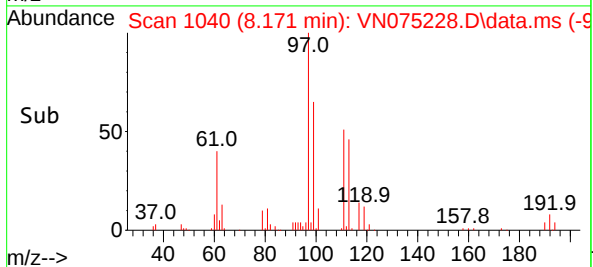
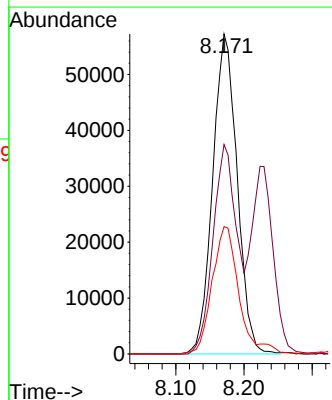
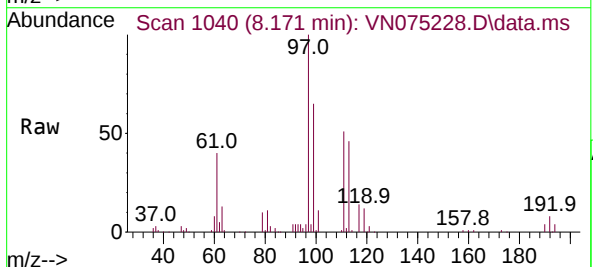
Tgt Ion: 97 Resp: 142948

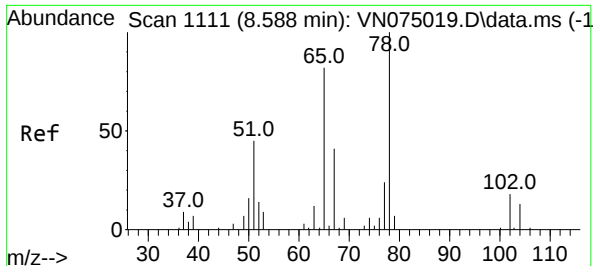
Ion Ratio Lower Upper

97 100

99 63.8 50.2 75.2

61 43.6 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 44.733 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

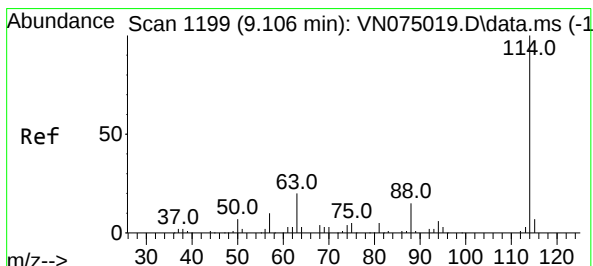
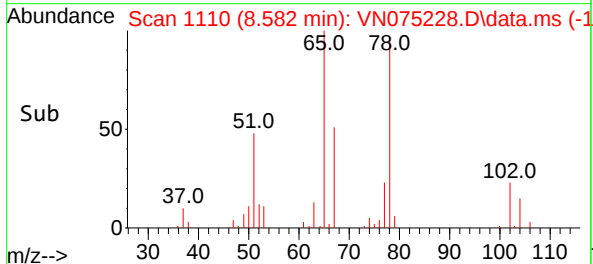
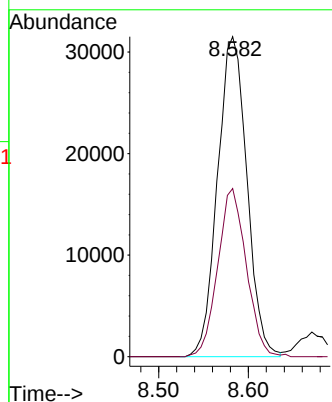
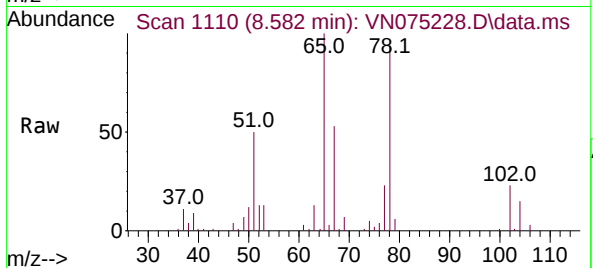
VSTDCCC050

Tgt Ion: 65 Resp: 71636

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

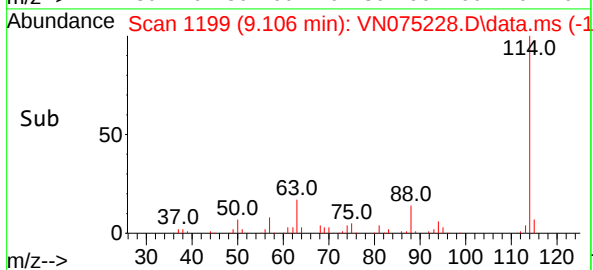
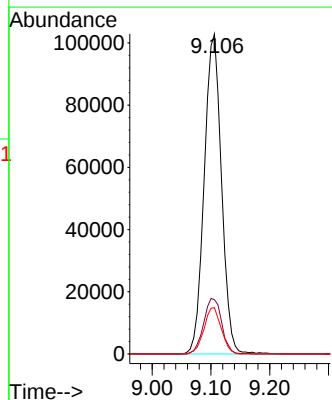
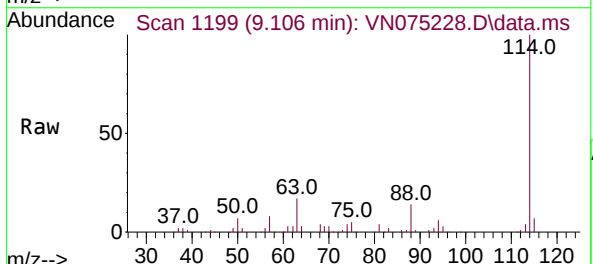
Tgt Ion: 114 Resp: 209601

Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.822 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

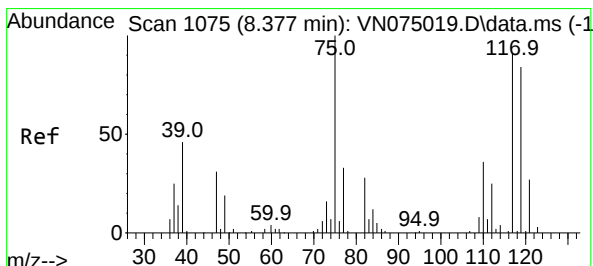
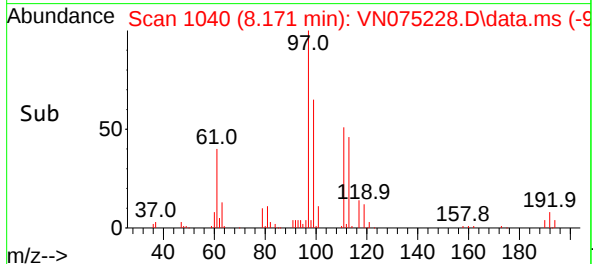
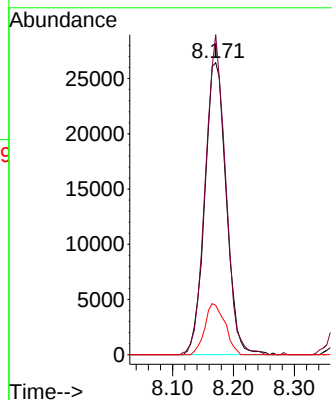
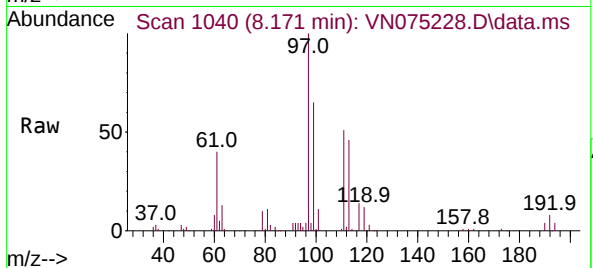
Tgt Ion:113 Resp: 64996

Ion Ratio Lower Upper

113 100

111 102.7 80.5 120.7

192 16.4 13.2 19.8



#36

1,1-Dichloropropene

Concen: 57.349 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

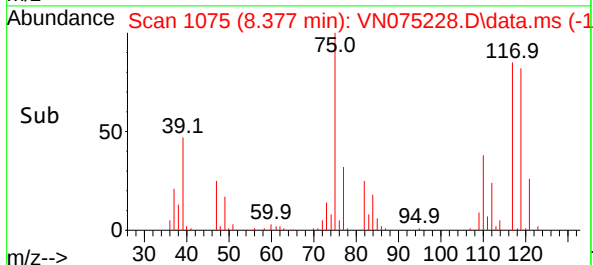
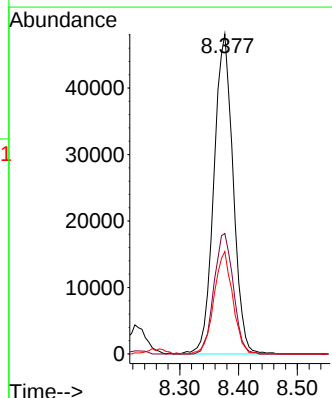
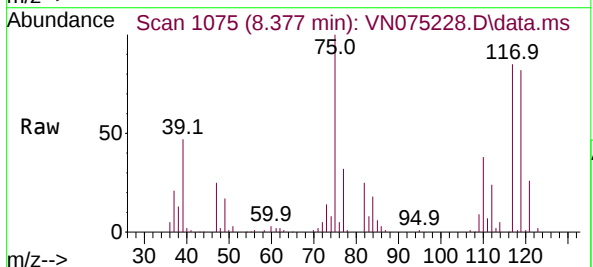
Tgt Ion: 75 Resp: 109248

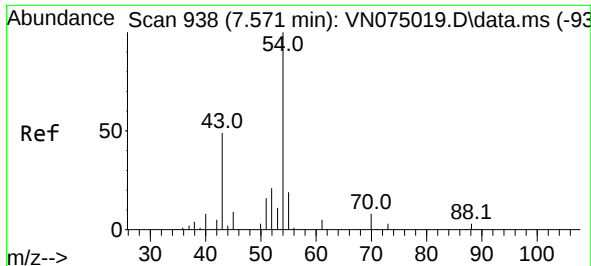
Ion Ratio Lower Upper

75 100

110 38.0 17.8 53.3

77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 50.019 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

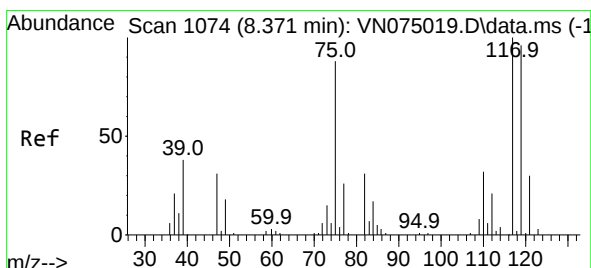
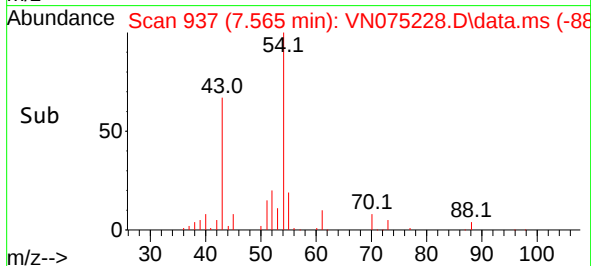
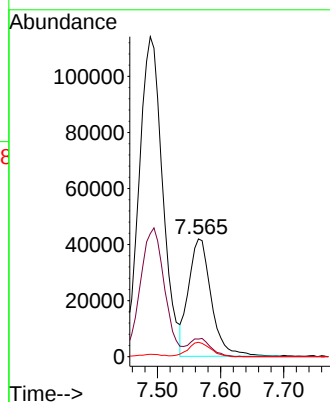
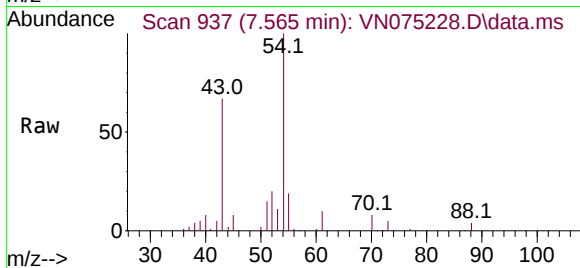
Tgt Ion: 43 Resp: 104497

Ion Ratio Lower Upper

43 100

61 14.8 12.2 18.4

70 12.2 9.4 14.2



#38

Carbon Tetrachloride

Concen: 60.152 ug/l

RT: 8.365 min Scan# 1073

Delta R.T. -0.006 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

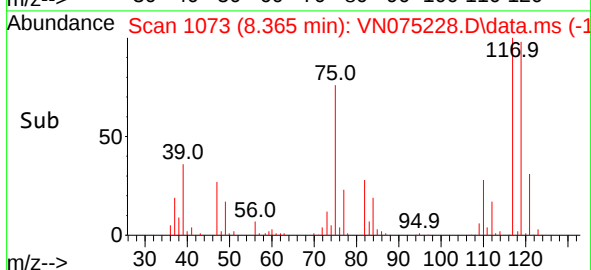
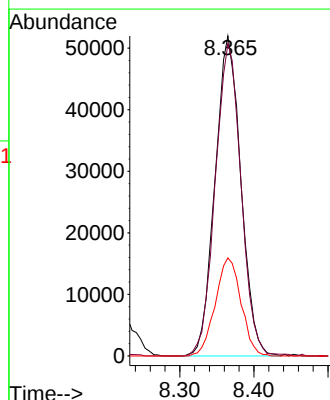
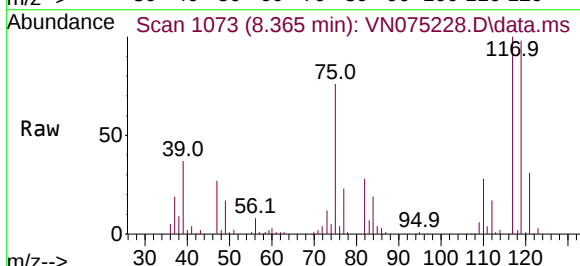
Tgt Ion: 117 Resp: 126047

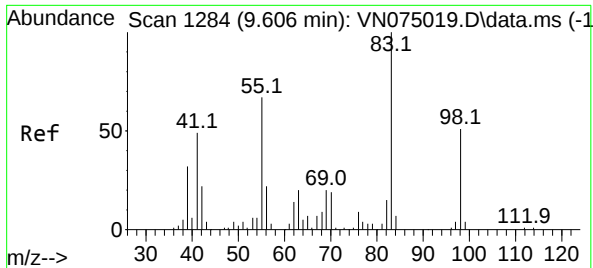
Ion Ratio Lower Upper

117 100

119 97.6 76.7 115.1

121 30.7 23.9 35.9





#39

Methylcyclohexane

Concen: 56.481 ug/l

RT: 9.606 min Scan# 1114

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

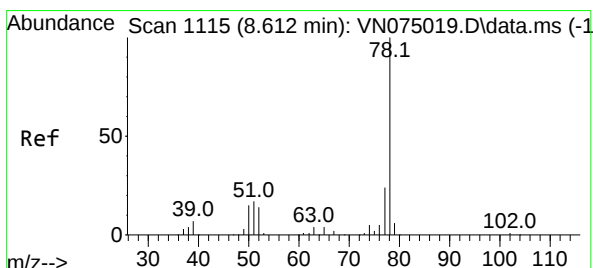
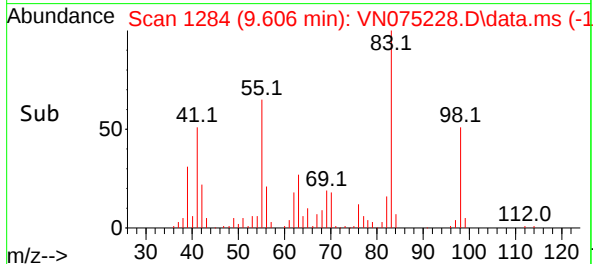
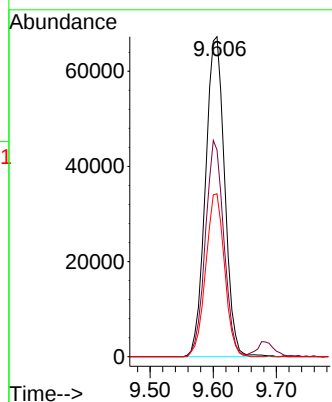
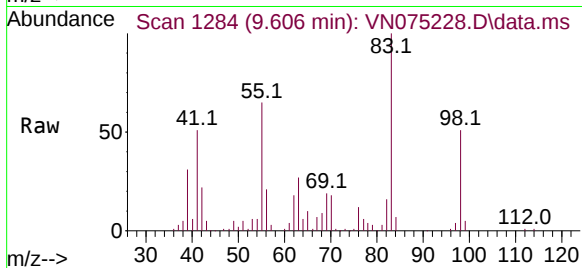
Tgt Ion: 83 Resp: 142042

Ion Ratio Lower Upper

83 100

55 64.6 53.6 80.4

98 50.9 41.1 61.7



#40

Benzene

Concen: 56.930 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.006 min

Lab File: VN075228.D

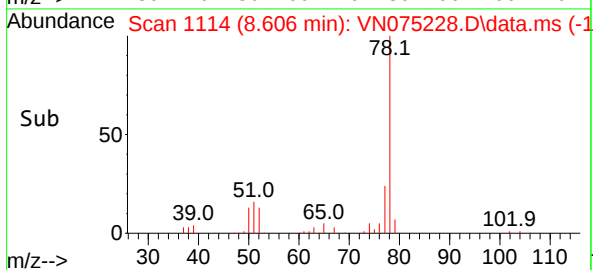
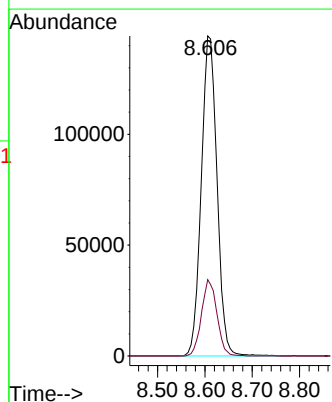
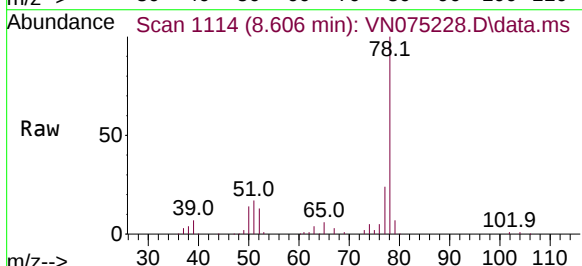
Acq: 10 Nov 2022 11:46

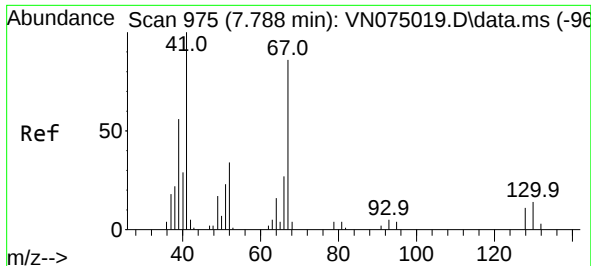
Tgt Ion: 78 Resp: 332058

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0

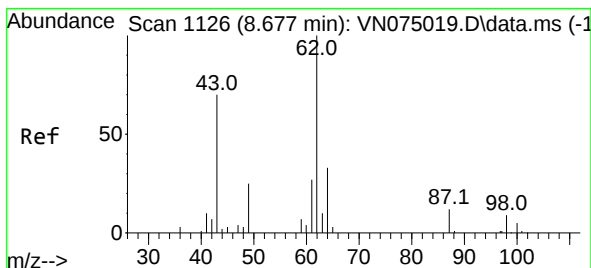
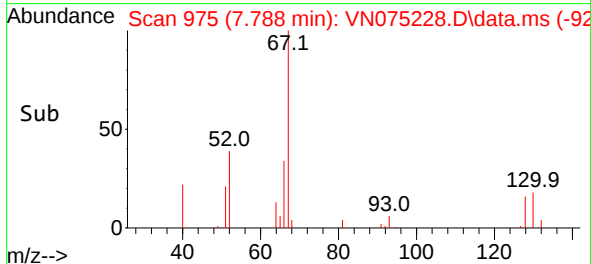
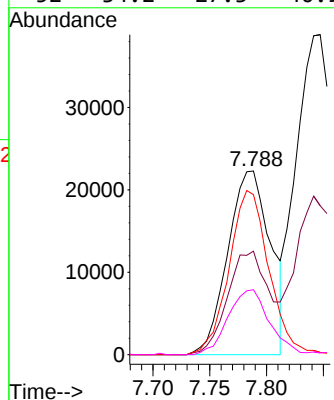
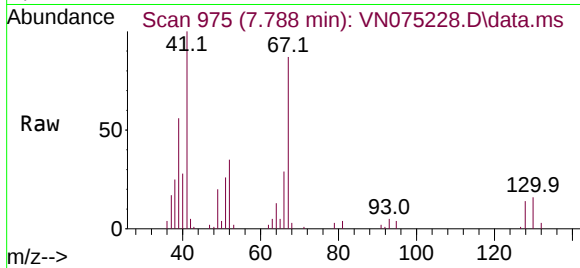




#41
Methacrylonitrile
Concen: 58.195 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

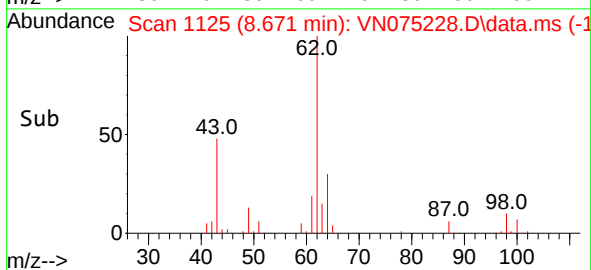
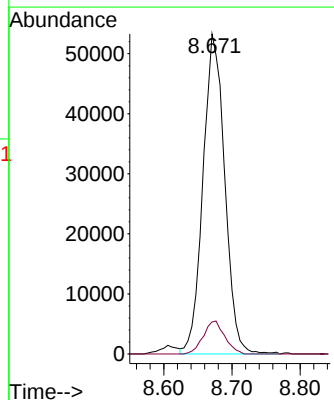
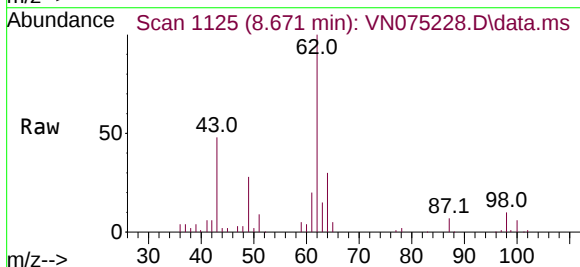
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

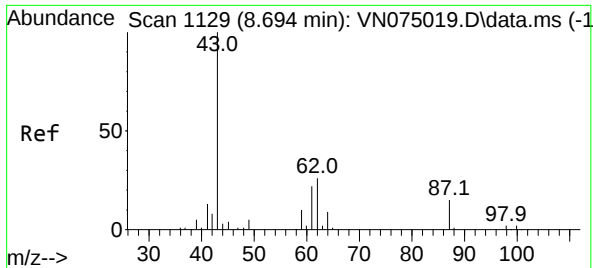
Tgt Ion:	41	Resp:	58248
Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.4	66.6
67	84.1	69.8	104.6
52	34.2	27.3	40.9



#42
1,2-Dichloroethane
Concen: 55.737 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion:	62	Resp:	118278
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.2

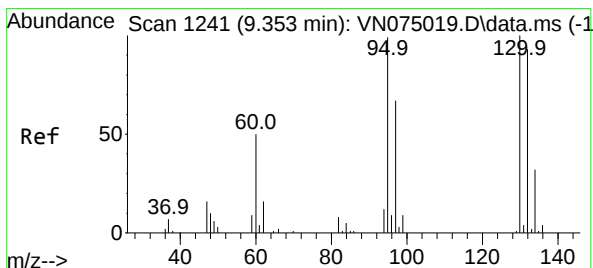
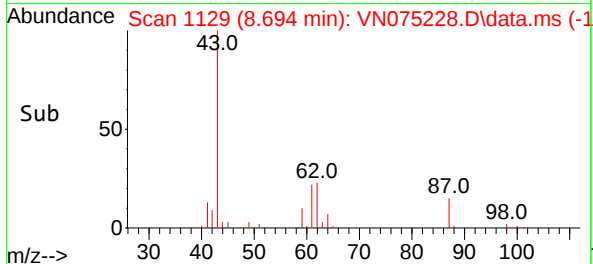
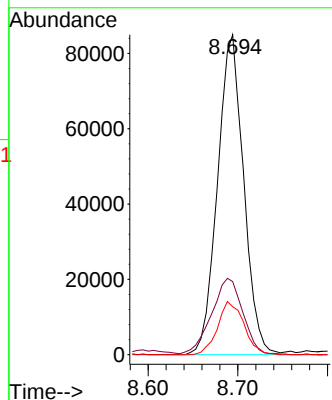
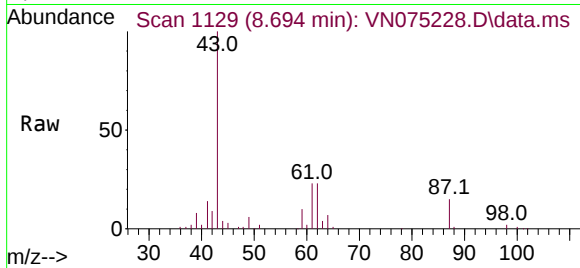




#43
Isopropyl Acetate
Concen: 52.953 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

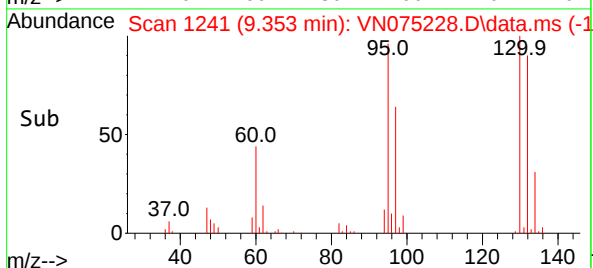
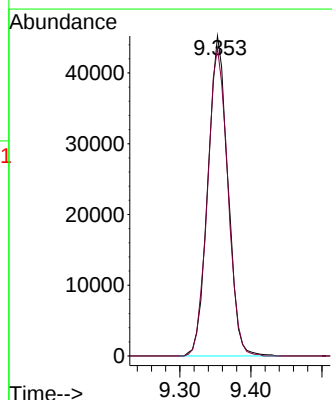
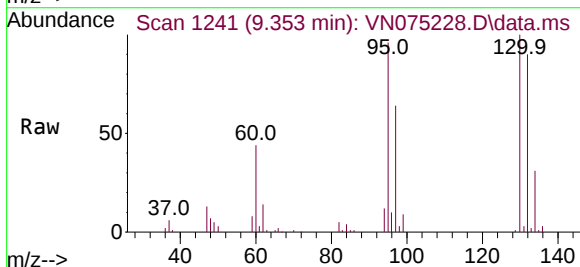
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

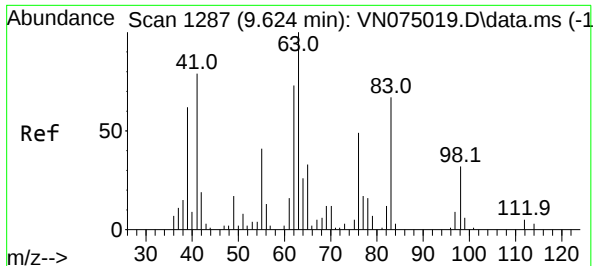
Tgt Ion: 43 Resp: 171597
Ion Ratio Lower Upper
43 100
61 28.7 22.4 33.6
87 16.8 12.5 18.7



#44
Trichloroethene
Concen: 60.224 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion:130 Resp: 88130
Ion Ratio Lower Upper
130 100
95 96.3 0.0 198.4





#45

1,2-Dichloropropane

Concen: 59.042 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

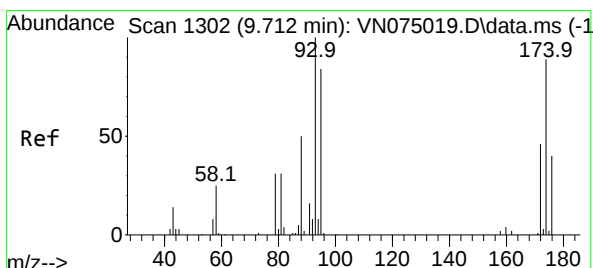
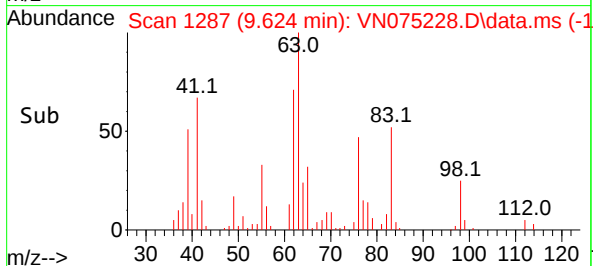
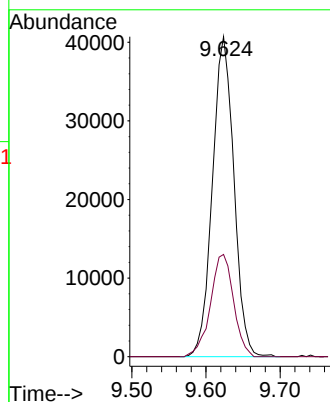
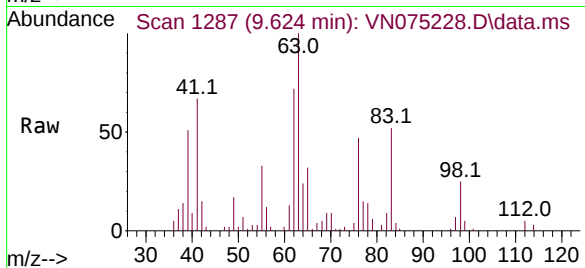
VSTDCCC050

Tgt Ion: 63 Resp: 81955

Ion Ratio Lower Upper

63 100

65 32.0 26.1 39.1



#46

Dibromomethane

Concen: 57.684 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

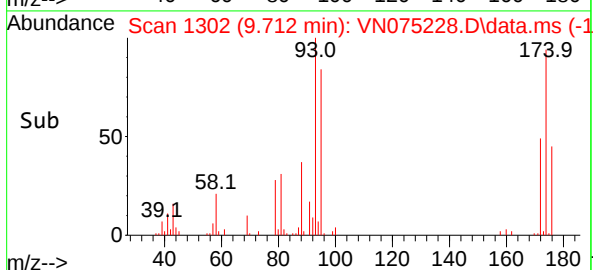
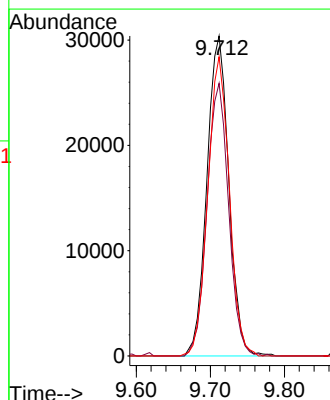
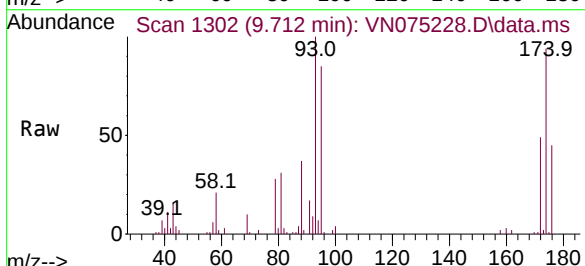
Tgt Ion: 93 Resp: 62382

Ion Ratio Lower Upper

93 100

95 84.0 66.6 99.8

174 91.8 70.3 105.5

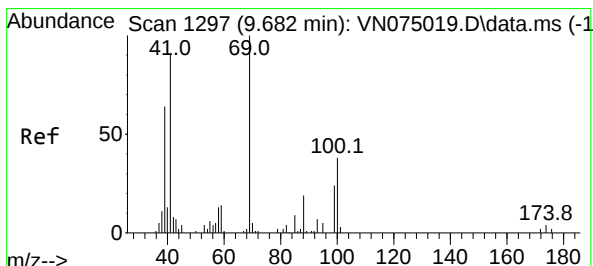
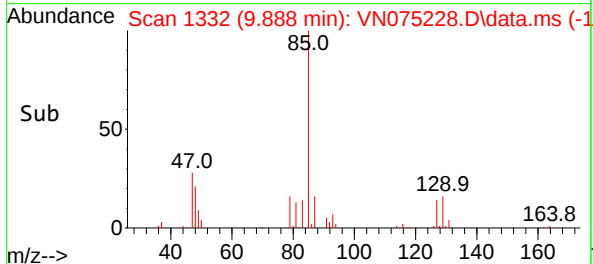
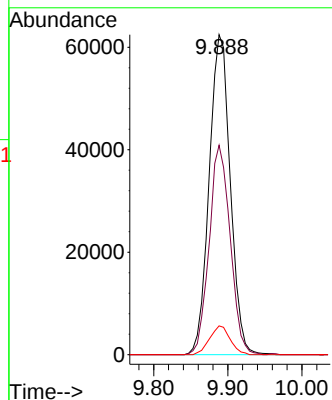
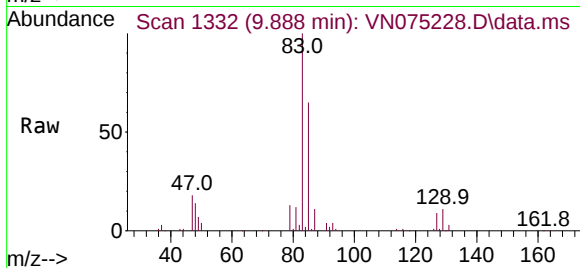




#47
Bromodichloromethane
Concen: 58.918 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

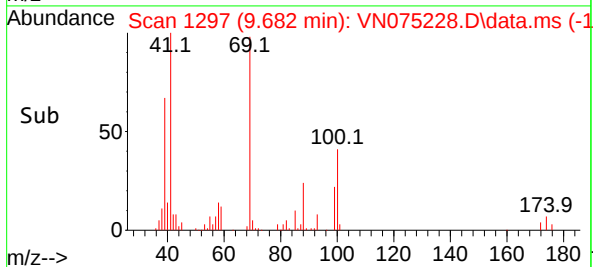
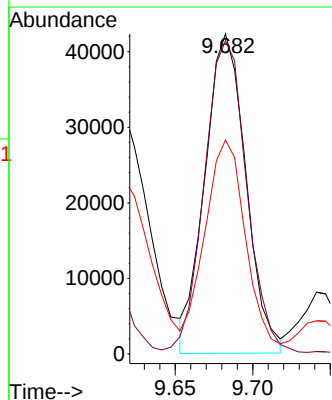
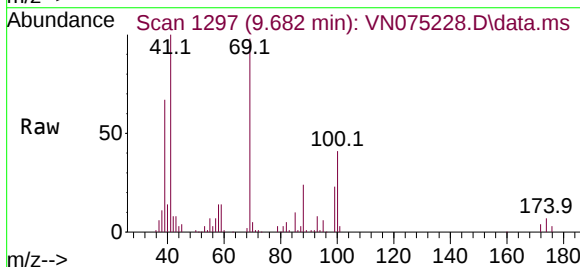
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

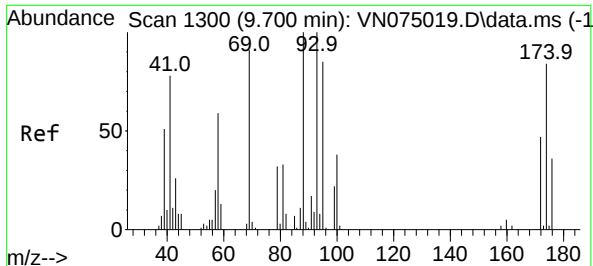
Tgt Ion: 83 Resp: 123387
Ion Ratio Lower Upper
83 100
85 65.5 52.1 78.1
127 9.0 6.6 10.0



#48
Methyl methacrylate
Concen: 52.207 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 41 Resp: 77605
Ion Ratio Lower Upper
41 100
69 100.7 80.2 120.2
39 67.7 56.2 84.2





#49

1,4-Dioxane

Concen: 1050.781 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

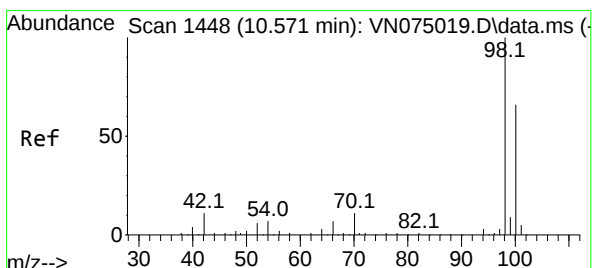
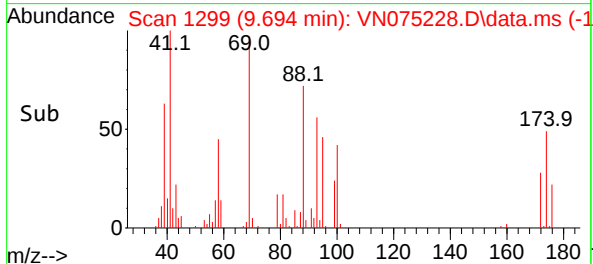
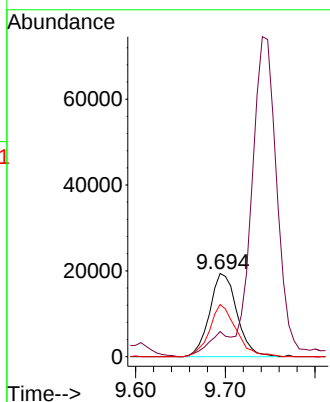
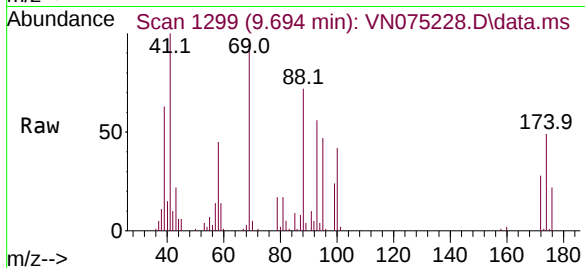
Tgt Ion: 88 Resp: 40902

Ion Ratio Lower Upper

88 100

43 23.9 17.5 26.3

58 61.5 49.8 74.8



#50

Toluene-d8

Concen: 49.508 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075228.D

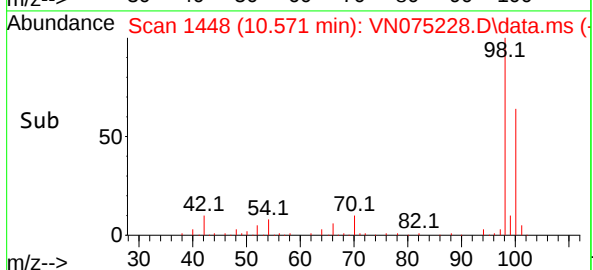
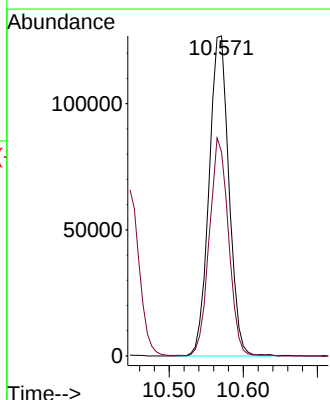
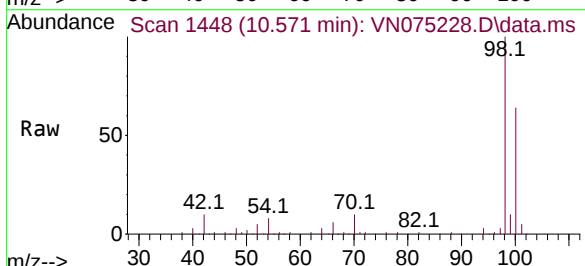
Acq: 10 Nov 2022 11:46

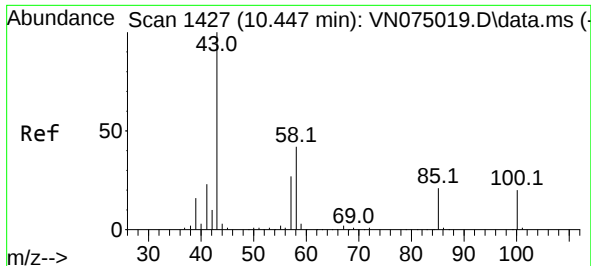
Tgt Ion: 98 Resp: 236346

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 268.563 ug/l

RT: 10.447 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

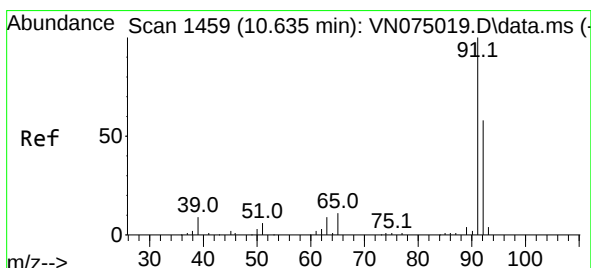
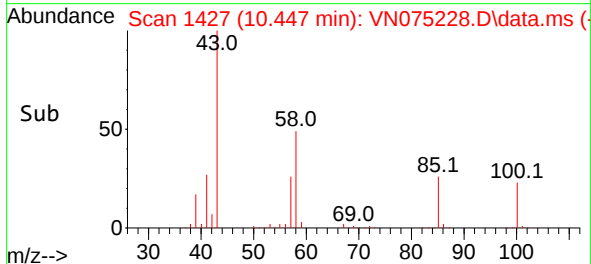
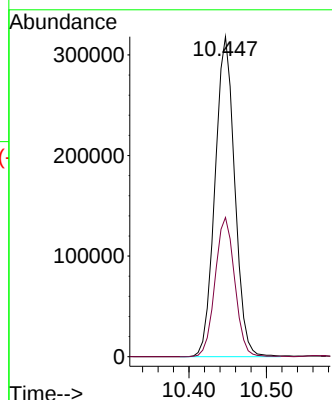
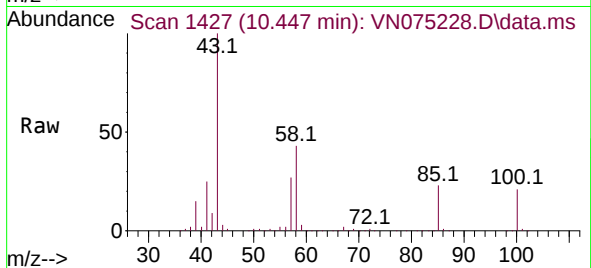
VSTDCCC050

Tgt Ion: 43 Resp: 561602

Ion Ratio Lower Upper

43 100

58 43.5 33.6 50.4



#52

Toluene

Concen: 59.034 ug/l

RT: 10.629 min Scan# 1458

Delta R.T. -0.006 min

Lab File: VN075228.D

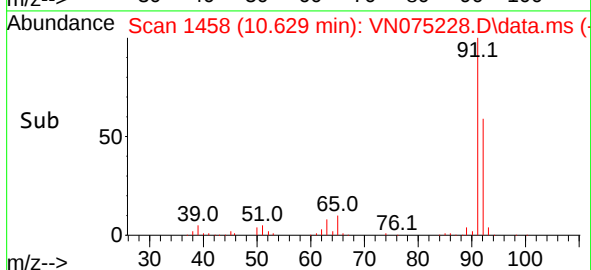
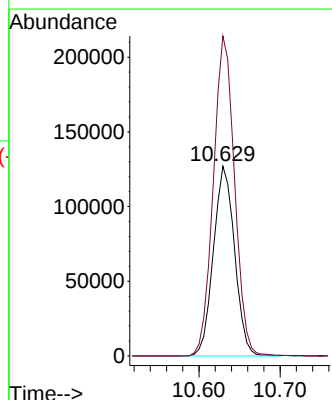
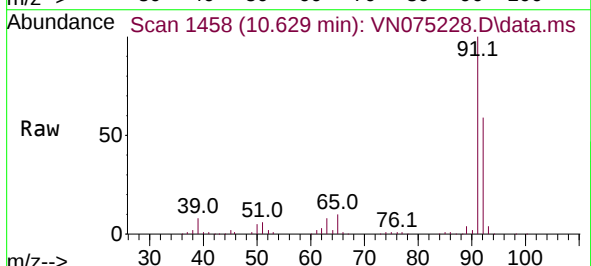
Acq: 10 Nov 2022 11:46

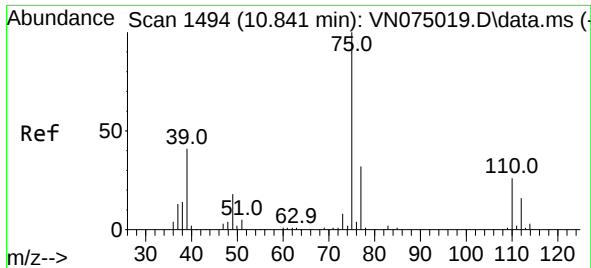
Tgt Ion: 92 Resp: 230176

Ion Ratio Lower Upper

92 100

91 169.5 135.4 203.2

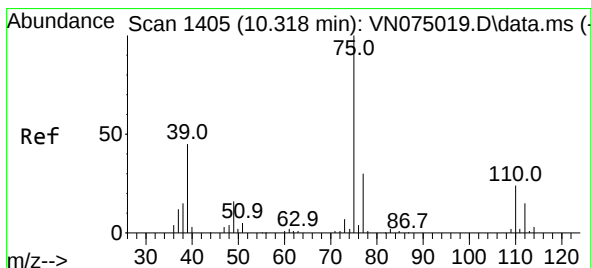
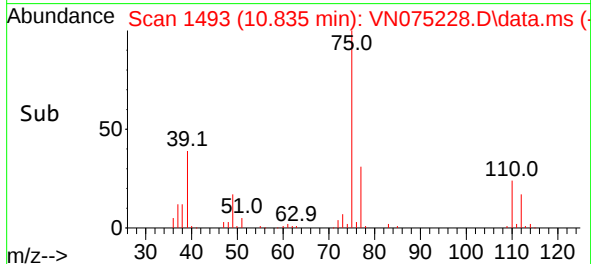
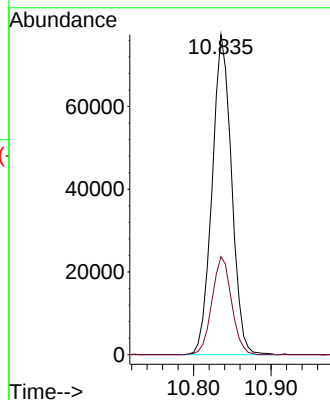
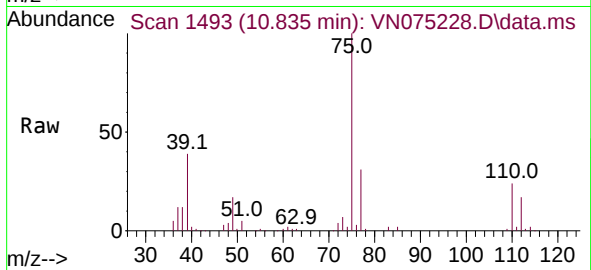




#53
 t-1,3-Dichloropropene
 Concen: 60.985 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.006 min
 Lab File: VN075228.D
 Acq: 10 Nov 2022 11:46

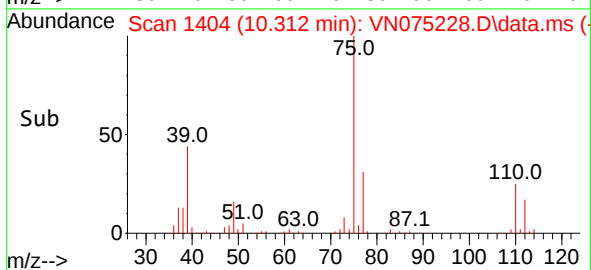
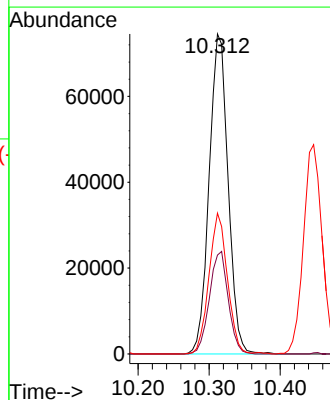
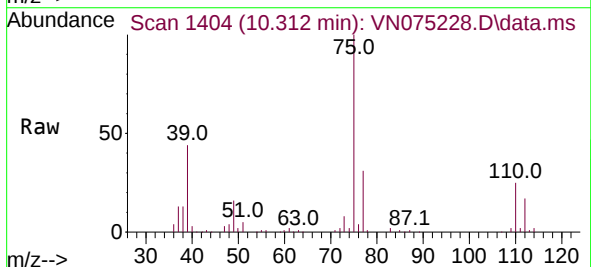
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

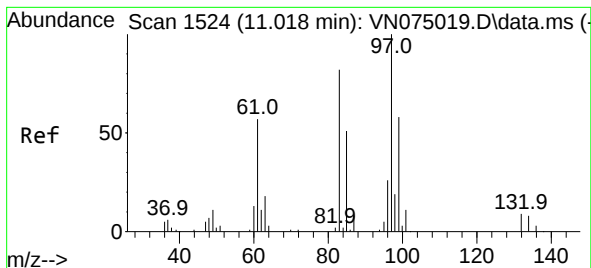
Tgt Ion: 75 Resp: 134805
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 58.891 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.006 min
 Lab File: VN075228.D
 Acq: 10 Nov 2022 11:46

Tgt Ion: 75 Resp: 138071
 Ion Ratio Lower Upper
 75 100
 77 30.9 23.7 35.5
 39 44.0 35.8 53.6





#55

1,1,2-Trichloroethane

Concen: 59.728 ug/l

RT: 11.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 92340

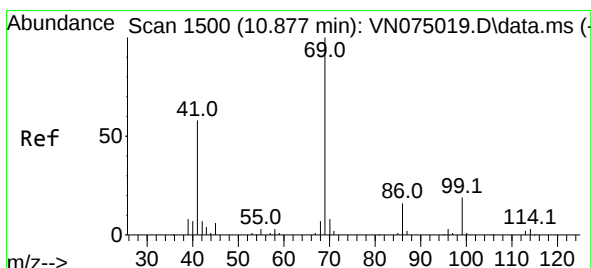
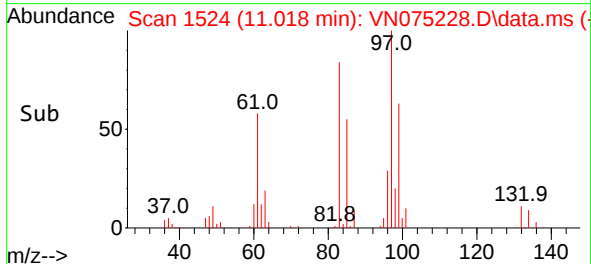
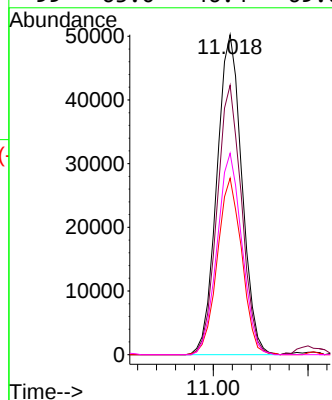
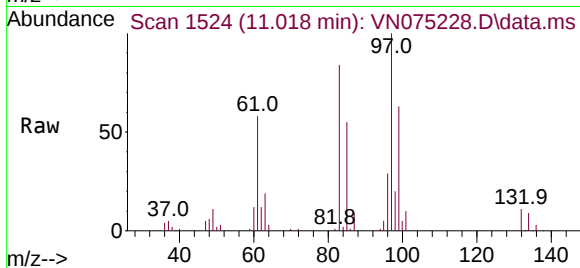
Ion Ratio Lower Upper

97 100

83 84.2 65.9 98.9

85 55.2 40.4 60.6

99 63.0 46.4 69.6



#56

Ethyl methacrylate

Concen: 58.073 ug/l

RT: 10.876 min Scan# 1500

Delta R.T. -0.001 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

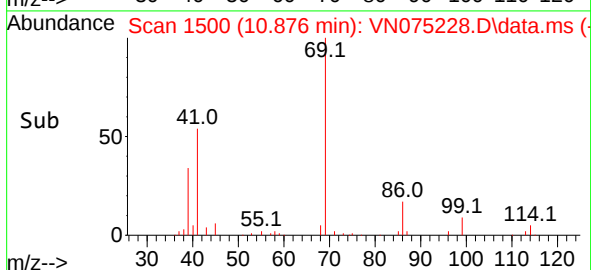
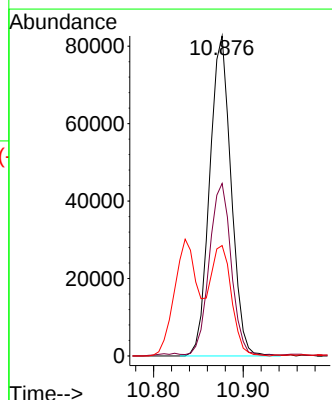
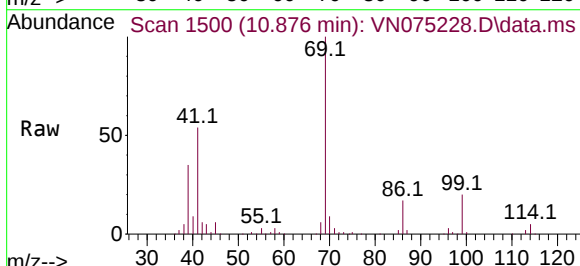
Tgt Ion: 69 Resp: 136948

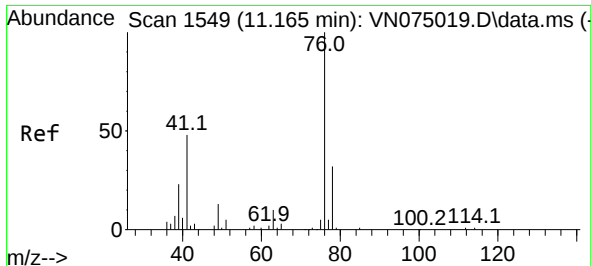
Ion Ratio Lower Upper

69 100

41 54.6 45.6 68.4

39 36.0 28.5 42.7





#57

1,3-Dichloropropane

Concen: 58.908 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

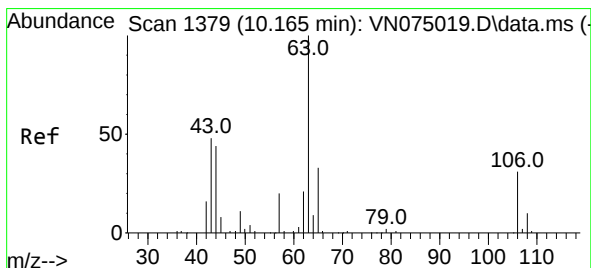
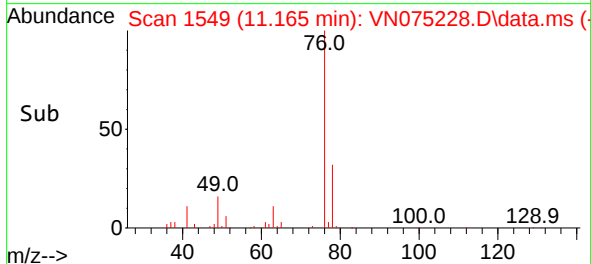
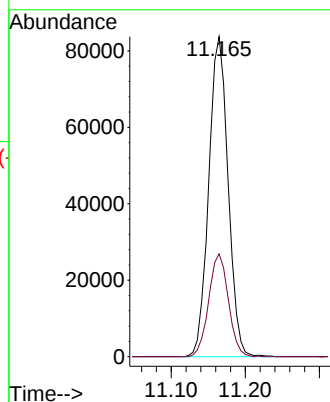
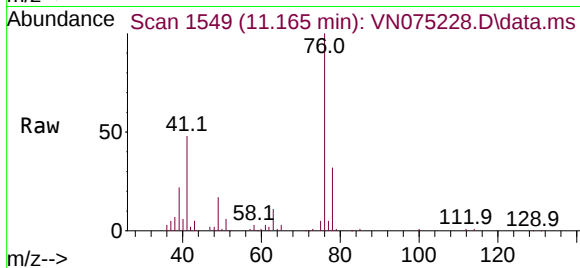
VSTDCCC050

Tgt Ion: 76 Resp: 151664

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 261.509 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075228.D

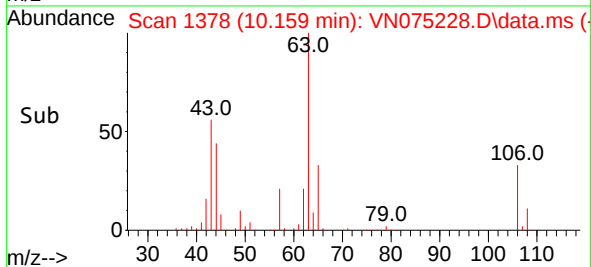
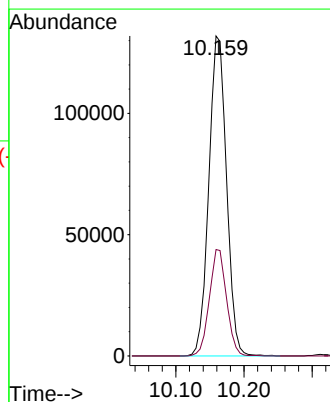
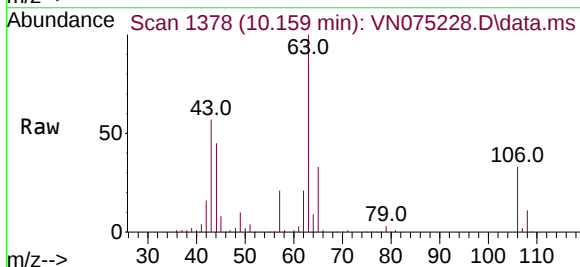
Acq: 10 Nov 2022 11:46

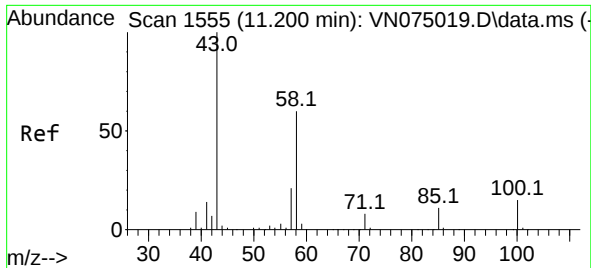
Tgt Ion: 63 Resp: 238413

Ion Ratio Lower Upper

63 100

106 32.2 24.8 37.2

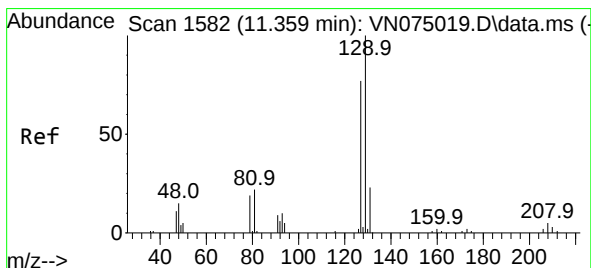
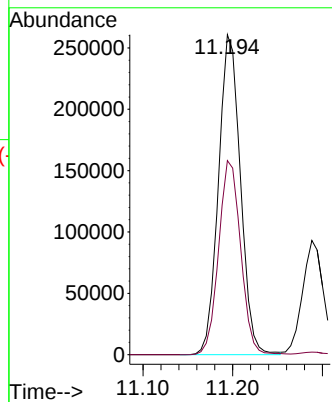
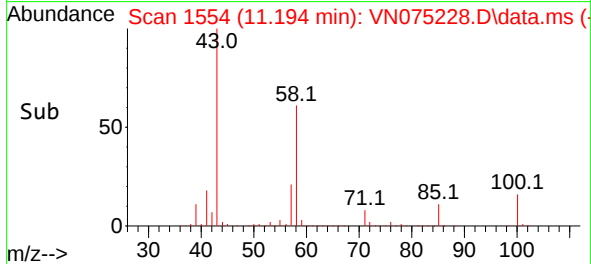
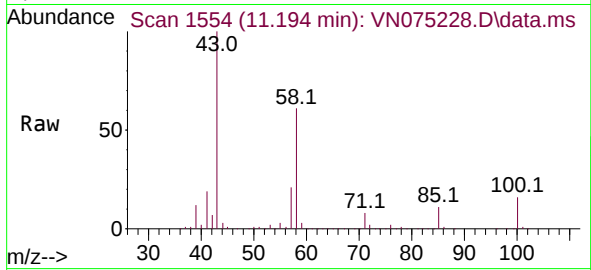




#59
2-Hexanone
Concen: 279.258 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

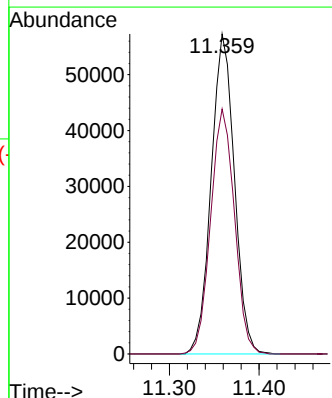
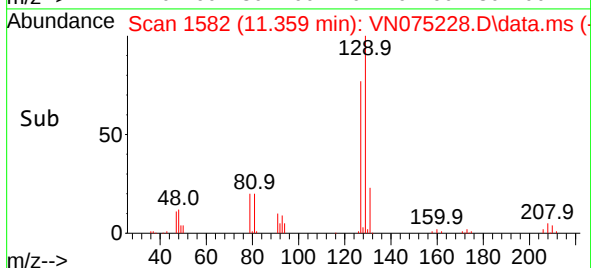
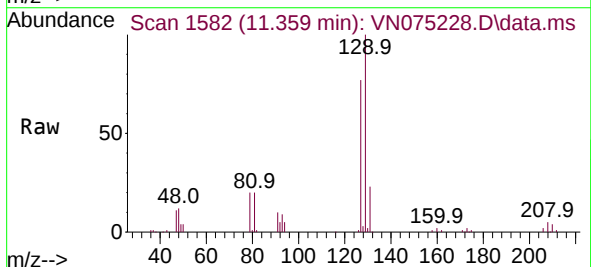
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

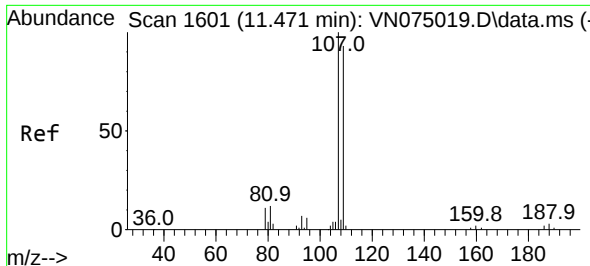
Tgt Ion: 43 Resp: 443210
Ion Ratio Lower Upper
43 100
58 60.8 29.6 88.8



#60
Dibromochloromethane
Concen: 63.136 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion:129 Resp: 102981
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8

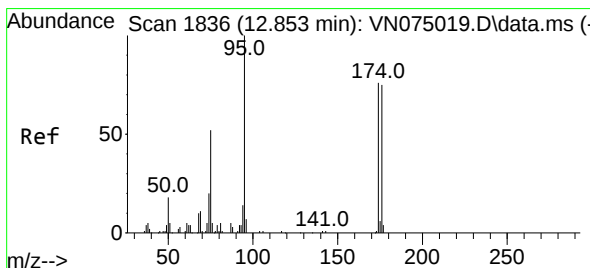
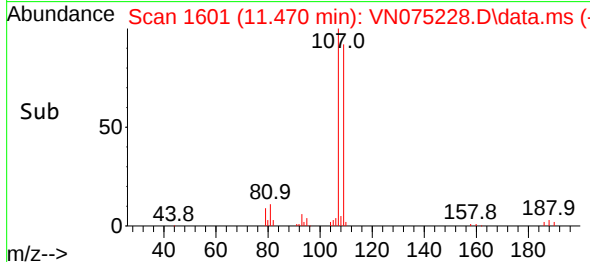
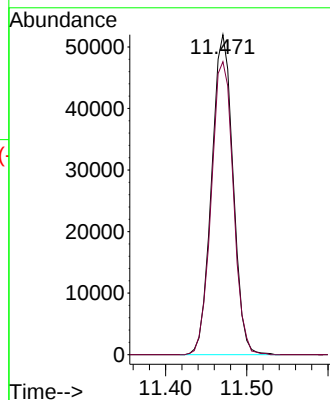
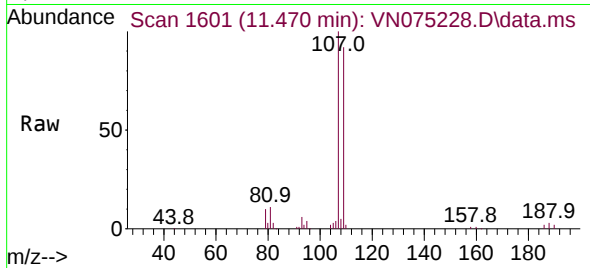




#61
1,2-Dibromoethane
Concen: 60.284 ug/l
RT: 11.470 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

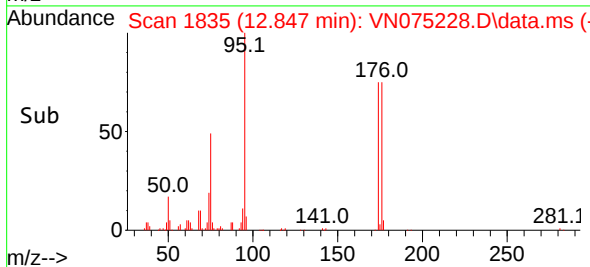
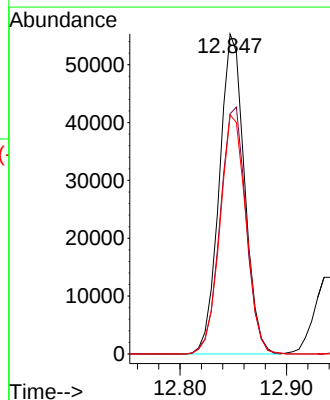
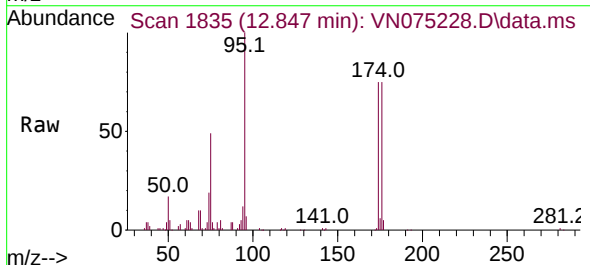
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

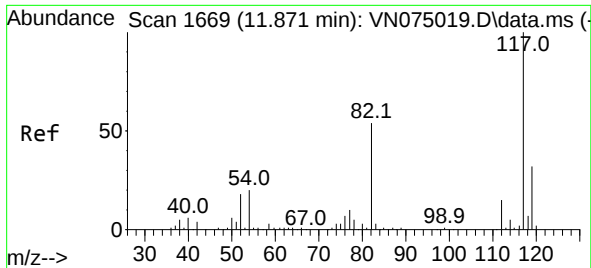
Tgt Ion:107 Resp: 95511
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.052 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 95 Resp: 90644
Ion Ratio Lower Upper
95 100
174 79.4 0.0 147.4
176 77.5 0.0 142.2

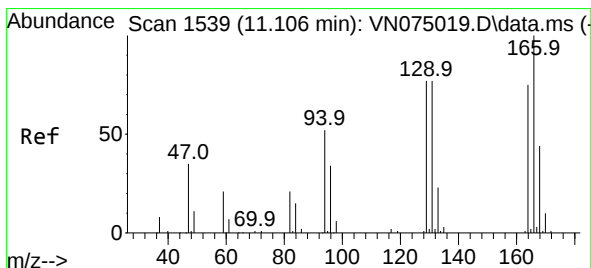
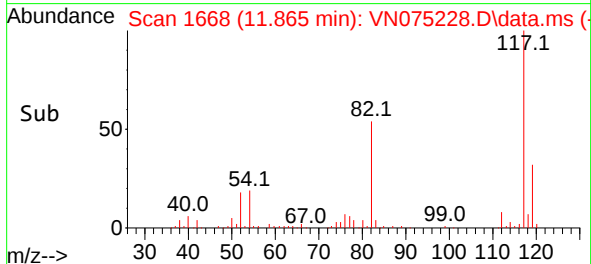
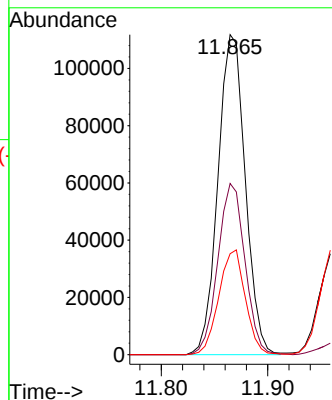
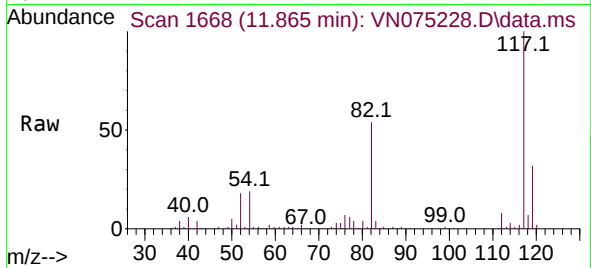




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

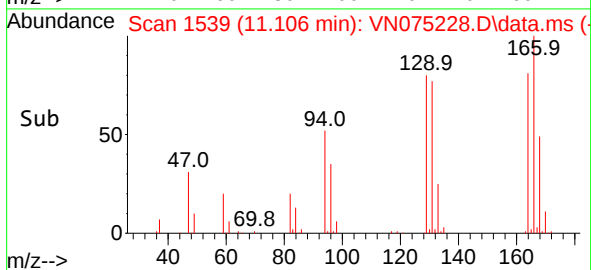
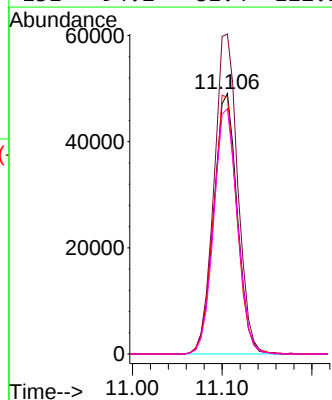
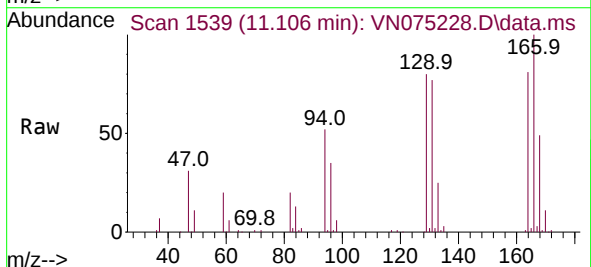
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

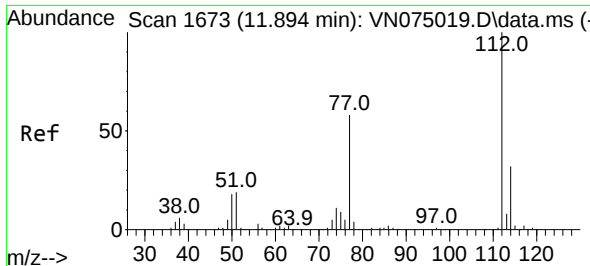
Tgt Ion:117 Resp: 199186
Ion Ratio Lower Upper
117 100
82 53.5 43.1 64.7
119 31.5 25.5 38.3



#64
Tetrachloroethene
Concen: 72.962 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion:164 Resp: 89100
Ion Ratio Lower Upper
164 100
166 122.9 106.5 159.7
129 98.6 81.9 122.9
131 94.2 81.4 122.2

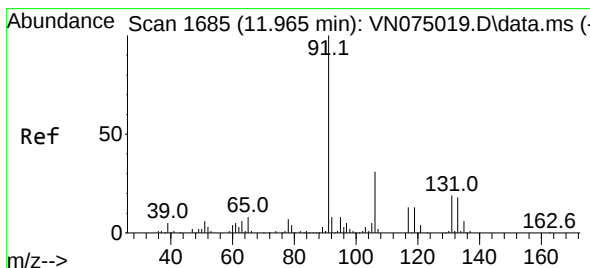
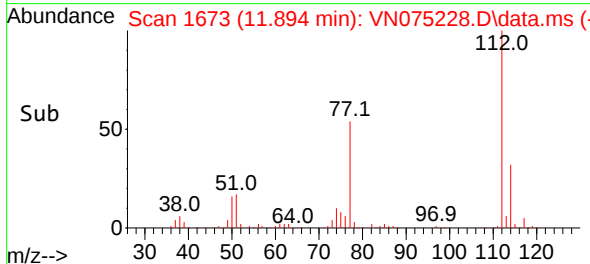
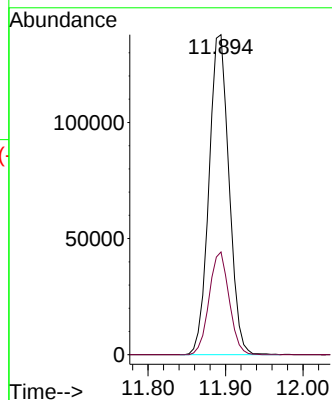
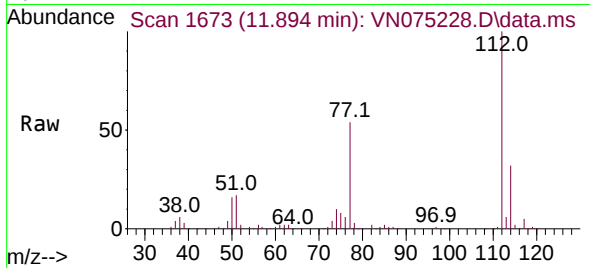




#65
Chlorobenzene
Concen: 58.110 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

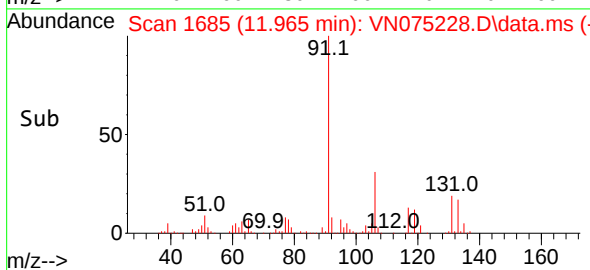
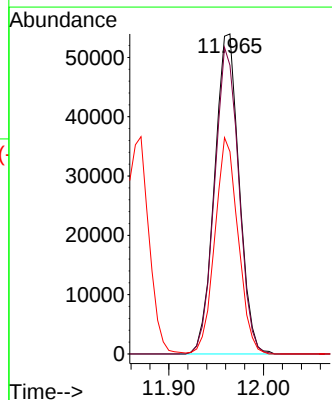
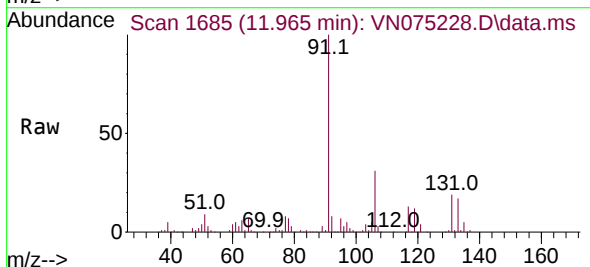
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 247065
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 61.757 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion:131 Resp: 97403
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.4
119 64.0 33.0 99.0

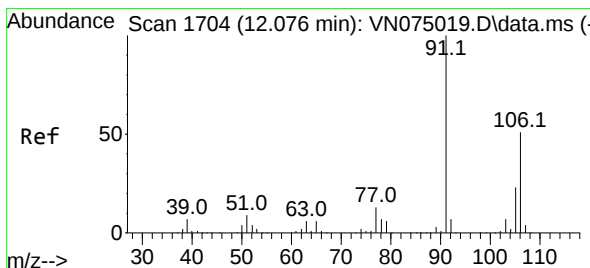
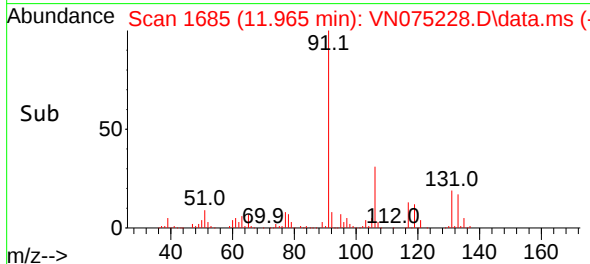
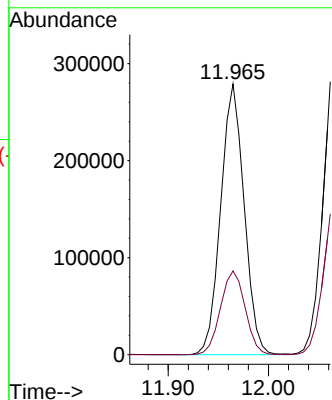
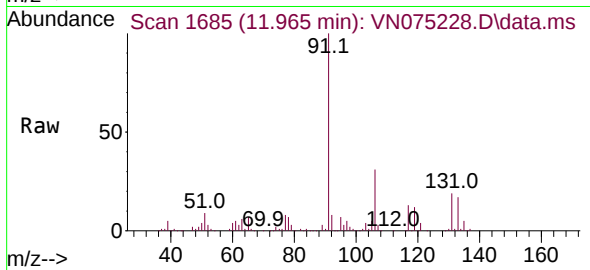




#67
Ethyl Benzene
Concen: 59.183 ug/l
RT: 11.965 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

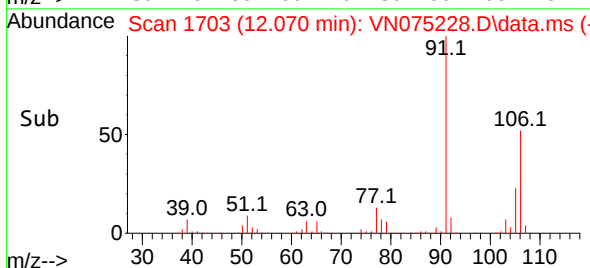
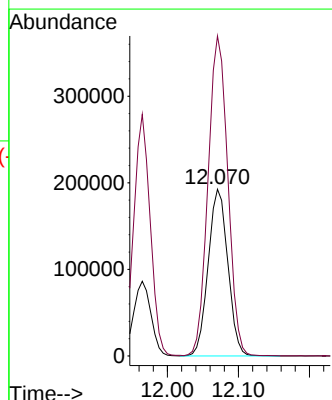
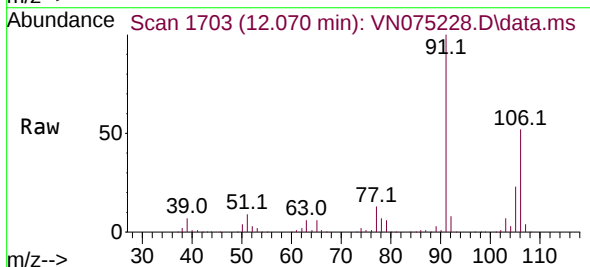
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

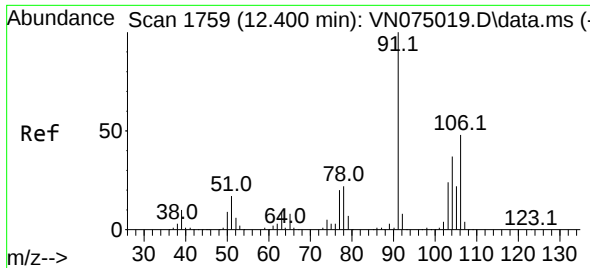
Tgt Ion: 91 Resp: 452709
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3



#68
m/p-Xylenes
Concen: 120.563 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 106 Resp: 370044
Ion Ratio Lower Upper
106 100
91 192.8 156.0 234.0

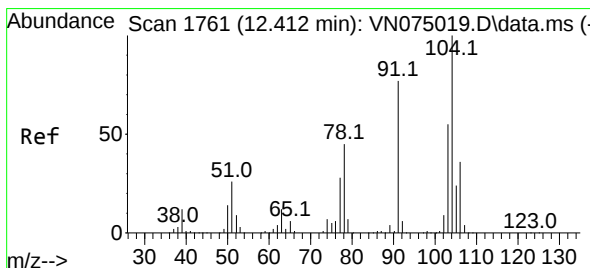
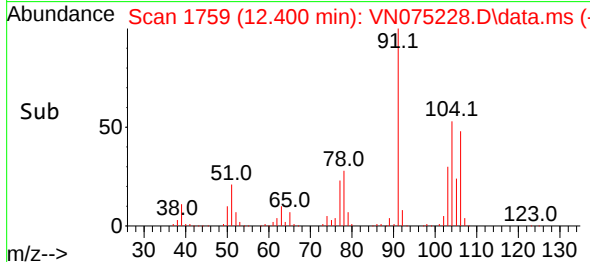
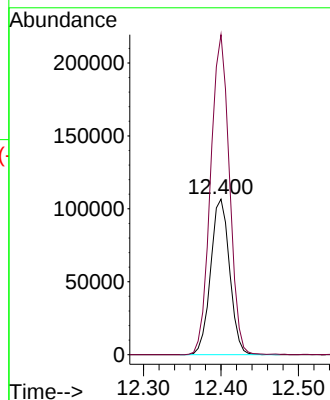
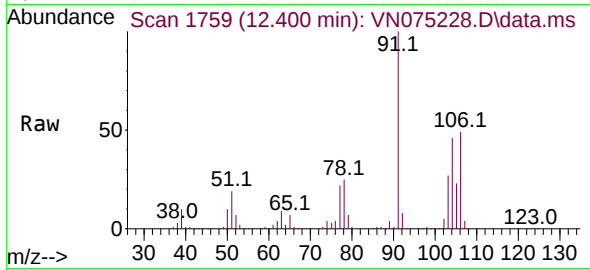




#69
o-Xylene
Concen: 59.683 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

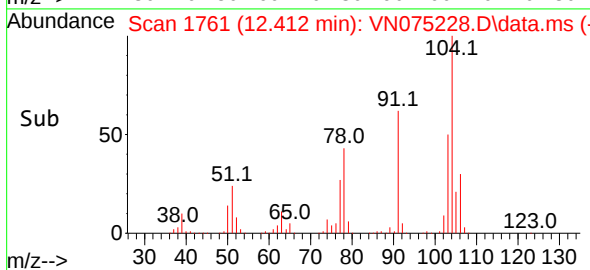
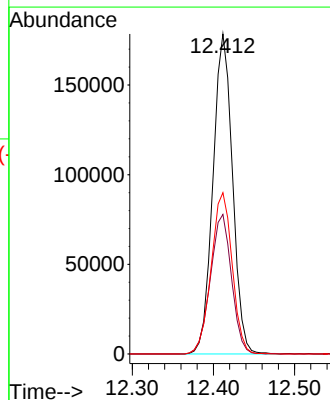
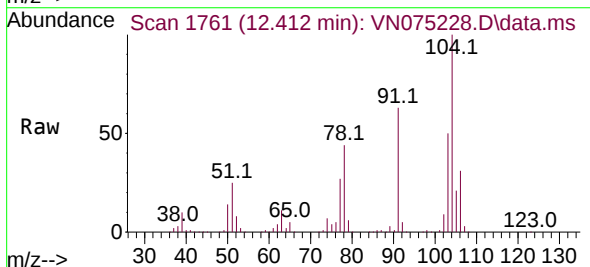
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

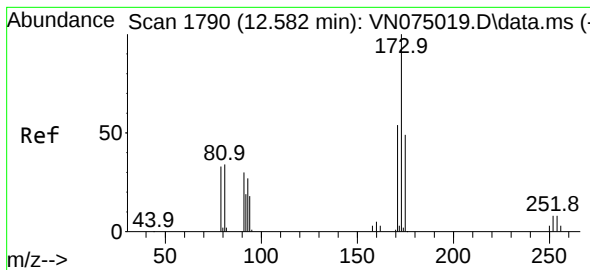
Tgt Ion:106 Resp: 181158
Ion Ratio Lower Upper
106 100
91 204.4 105.2 315.5



#70
Styrene
Concen: 61.799 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion:104 Resp: 299099
Ion Ratio Lower Upper
104 100
78 46.9 38.1 57.1
103 54.0 44.6 66.8





#71

Bromoform

Concen: 62.804 ug/l

RT: 12.576 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

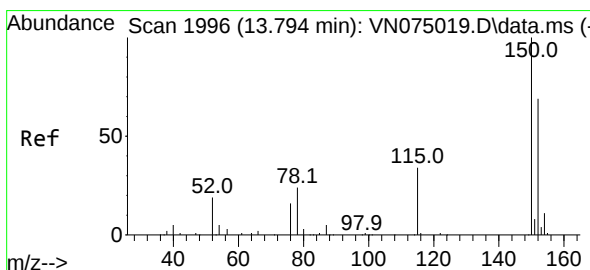
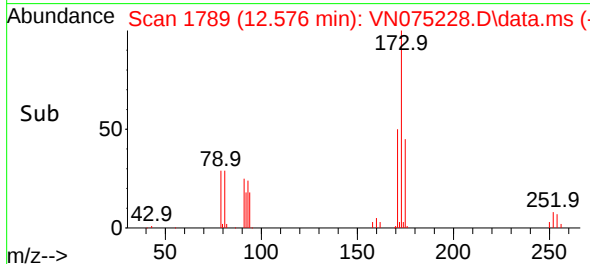
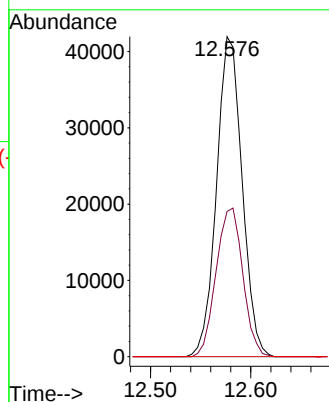
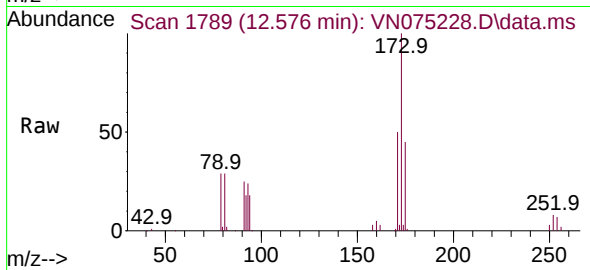
Tgt Ion:173 Resp: 74162

Ion Ratio Lower Upper

173 100

175 48.6 24.6 74.0

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: VN075228.D

Acq: 10 Nov 2022 11:46

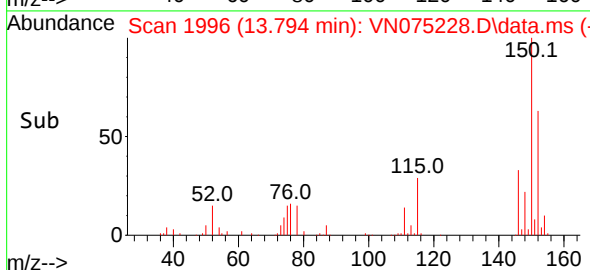
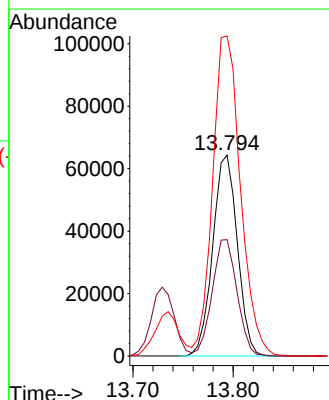
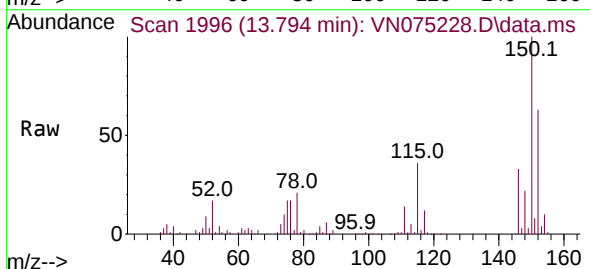
Tgt Ion:152 Resp: 109481

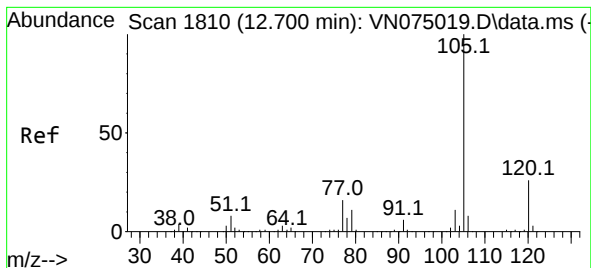
Ion Ratio Lower Upper

152 100

115 58.6 30.2 90.6

150 180.5 0.0 348.4





#73

Isopropylbenzene

Concen: 53.850 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

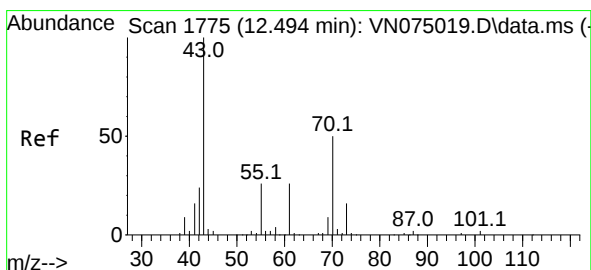
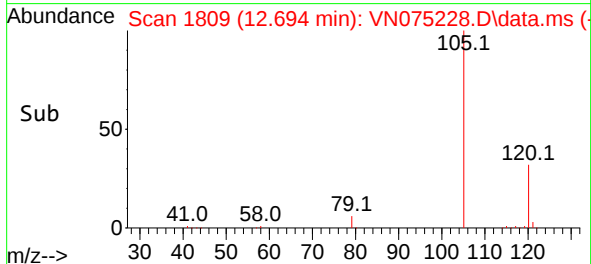
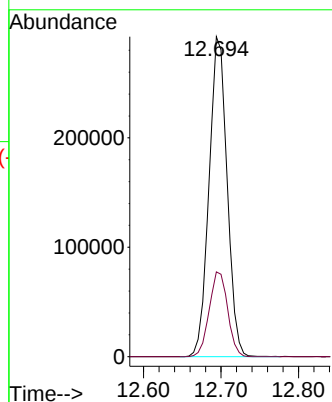
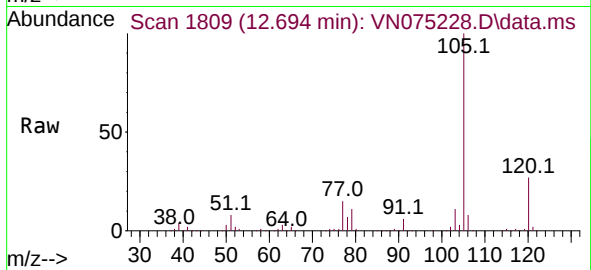
VSTDCCC050

Tgt Ion:105 Resp: 473307

Ion Ratio Lower Upper

105 100

120 27.0 13.1 39.1



#74

N-ethyl acetate

Concen: 48.164 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Tgt Ion: 43 Resp: 156567

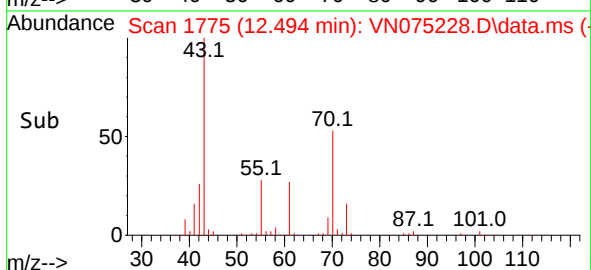
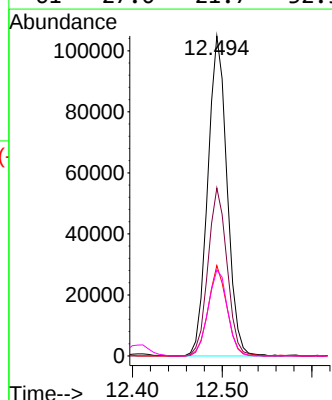
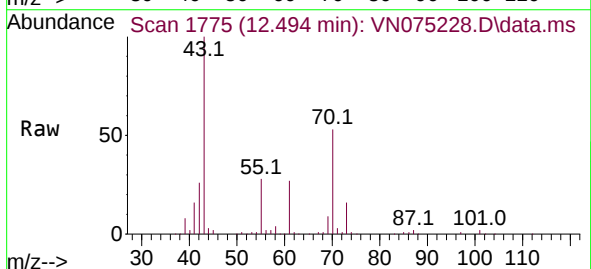
Ion Ratio Lower Upper

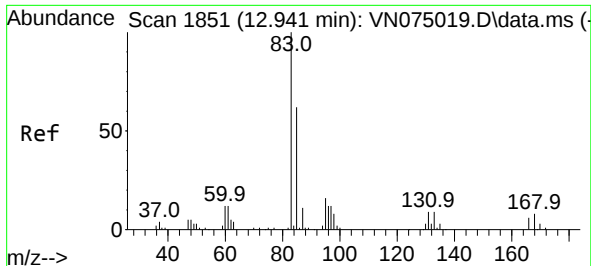
43 100

70 51.8 39.8 59.8

55 27.3 19.9 29.9

61 27.0 21.7 32.5

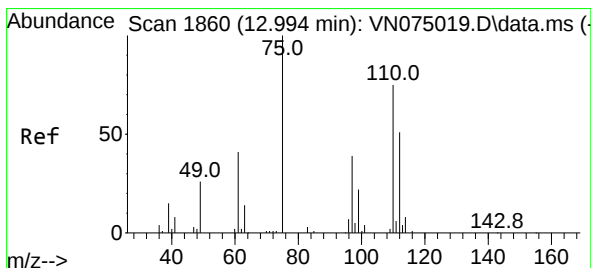
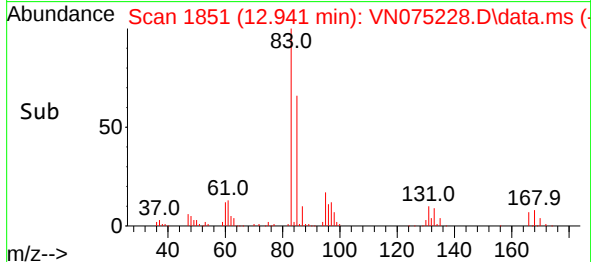
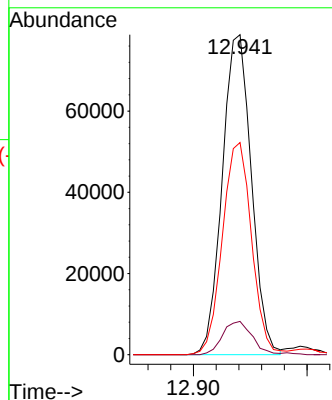
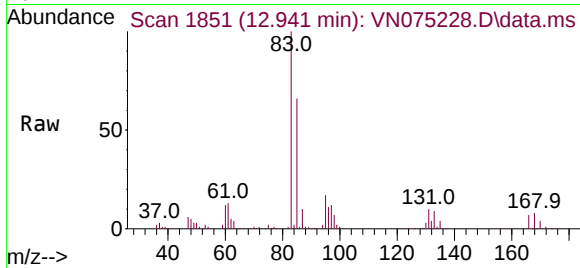




#75
1,1,2-Tetrachloroethane
Concen: 55.698 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

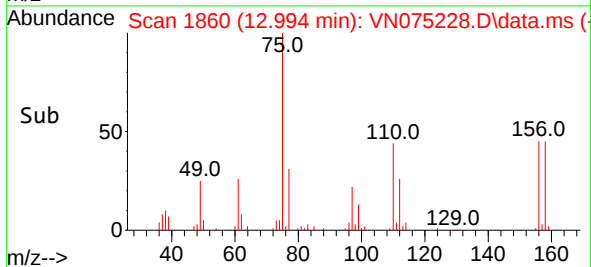
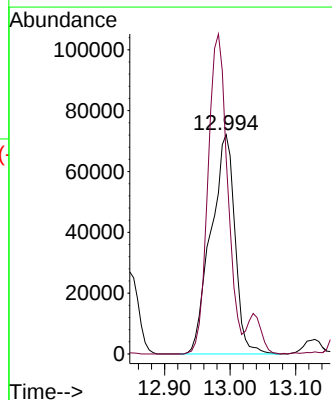
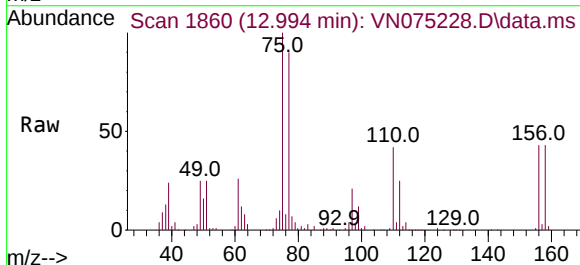
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

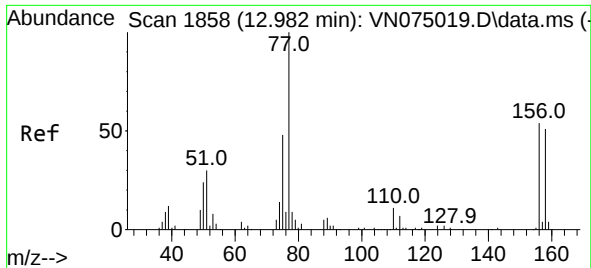
Tgt Ion: 83 Resp: 140402
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 66.4 31.6 94.7



#76
1,2,3-Trichloropropane
Concen: 78.722 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 75 Resp: 182996
Ion Ratio Lower Upper
75 100
77 118.8 75.6 226.8

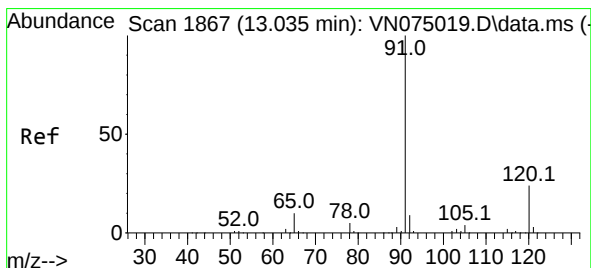
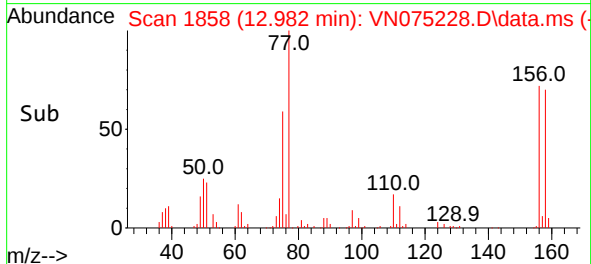
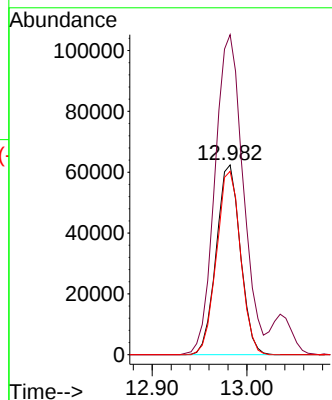
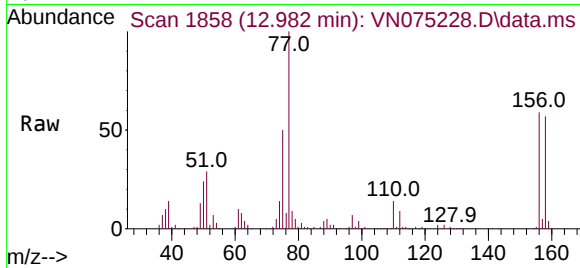




#77
Bromobenzene
Concen: 56.999 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

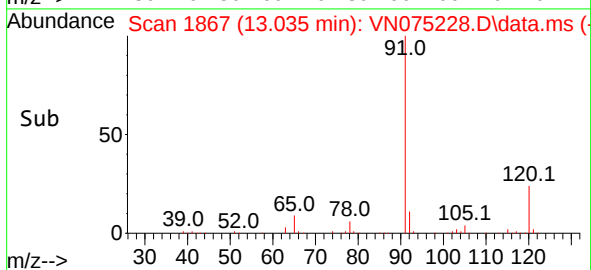
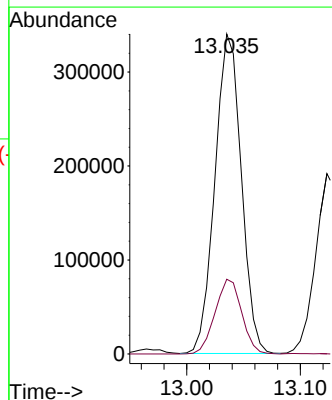
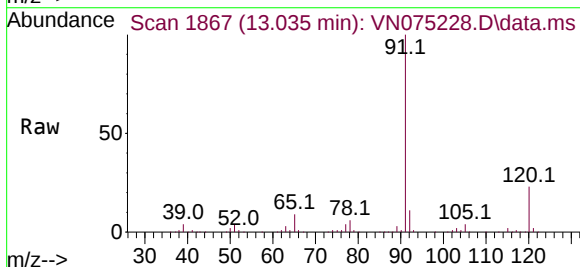
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

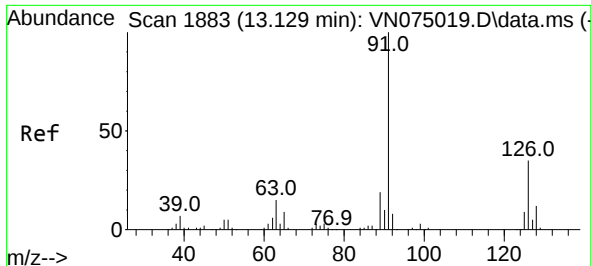
Tgt Ion:156 Resp: 110309
Ion Ratio Lower Upper
156 100
77 197.1 108.5 325.5
158 96.5 47.7 143.1



#78
n-propylbenzene
Concen: 55.573 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 91 Resp: 548395
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





#79

2-Chlorotoluene

Concen: 53.812 ug/l

RT: 13.123 min Scan# 1882

Delta R.T. -0.006 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

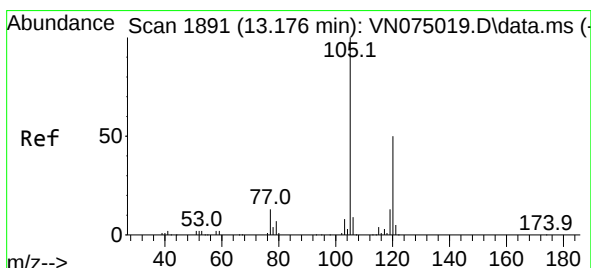
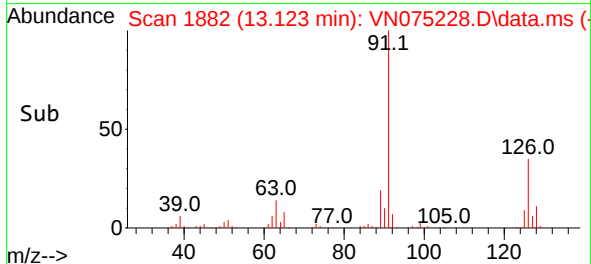
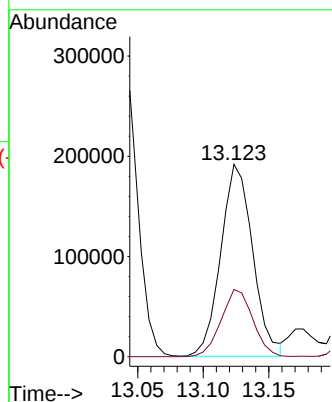
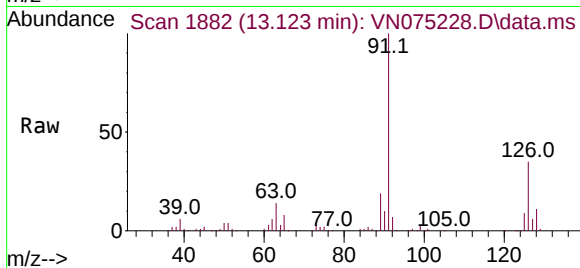
VSTDCCC050

Tgt Ion: 91 Resp: 324495

Ion Ratio Lower Upper

91 100

126 34.8 16.9 50.7



#80

1,3,5-Trimethylbenzene

Concen: 56.321 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075228.D

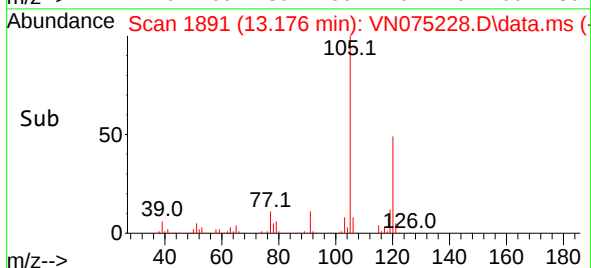
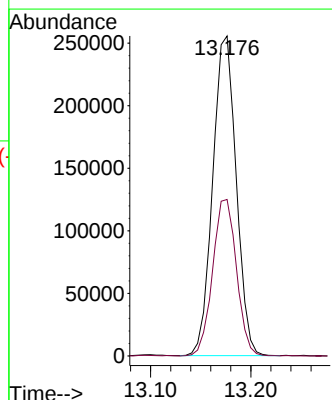
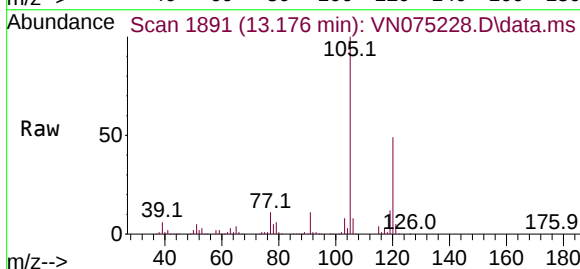
Acq: 10 Nov 2022 11:46

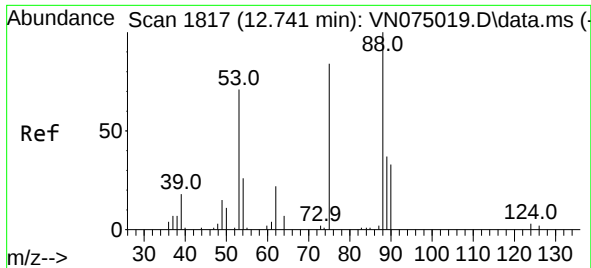
Tgt Ion:105 Resp: 415776

Ion Ratio Lower Upper

105 100

120 49.8 24.7 74.1

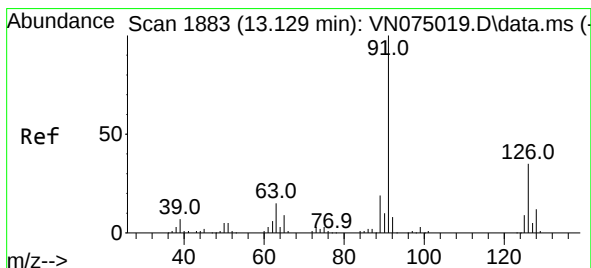
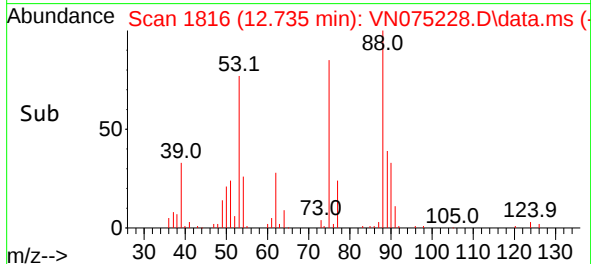
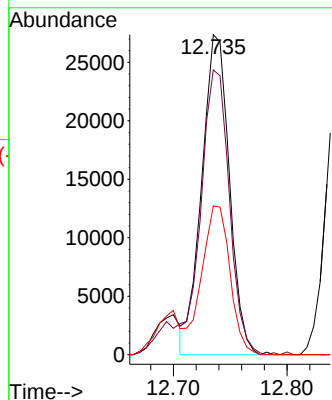
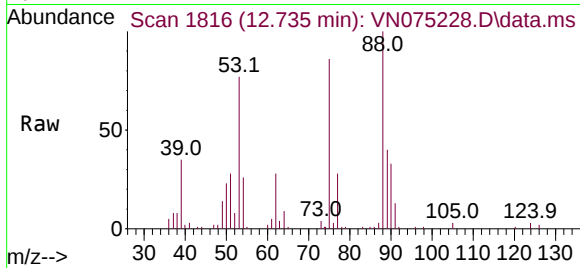




#81
trans-1,4-Dichloro-2-butene
Concen: 51.272 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

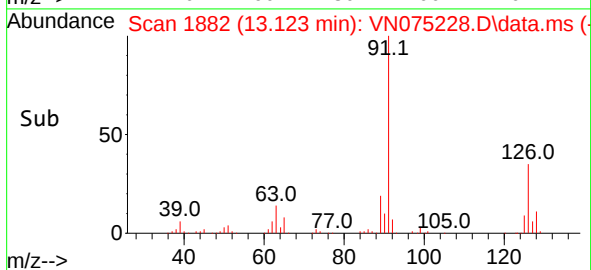
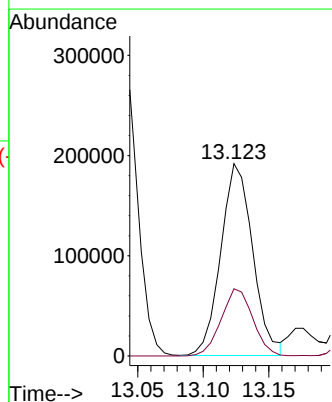
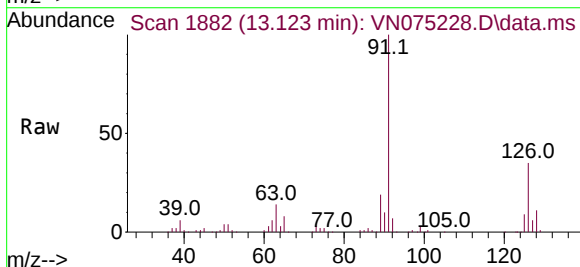
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

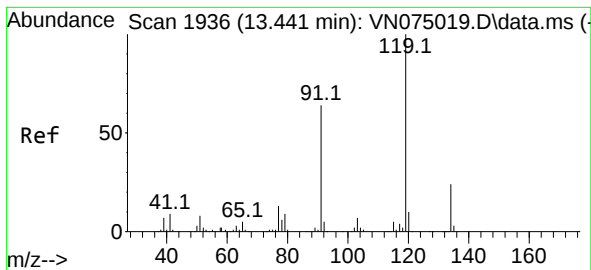
Tgt Ion: 75 Resp: 46430
Ion Ratio Lower Upper
75 100
53 99.7 78.5 117.7
89 48.1 37.7 56.5



#82
4-Chlorotoluene
Concen: 53.812 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 91 Resp: 324495
Ion Ratio Lower Upper
91 100
126 34.8 16.9 50.7





#83

tert-Butylbenzene

Concen: 55.288 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

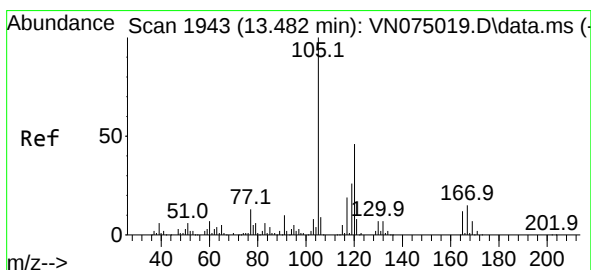
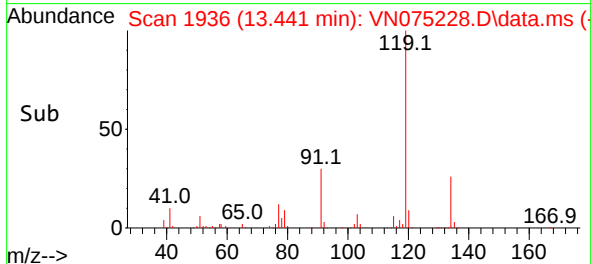
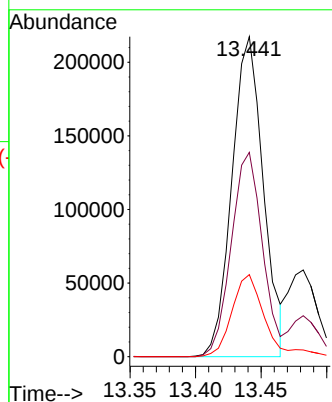
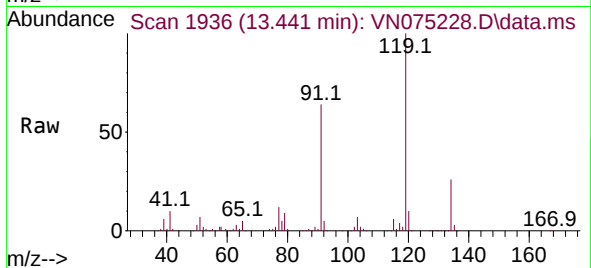
Tgt Ion:119 Resp: 362670

Ion Ratio Lower Upper

119 100

91 63.2 32.8 98.4

134 26.9 12.3 36.9



#84

1,2,4-Trimethylbenzene

Concen: 56.729 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075228.D

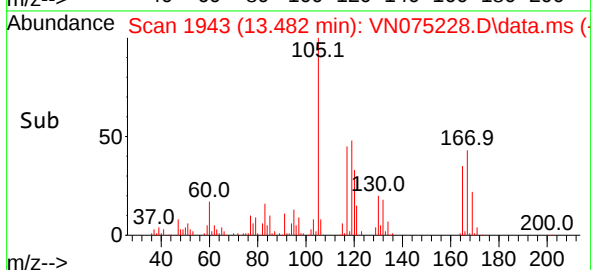
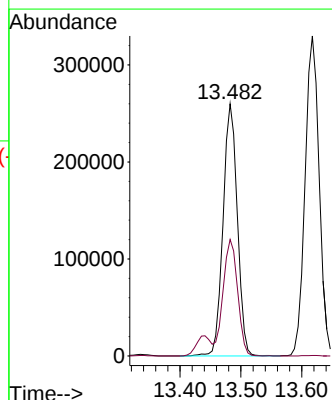
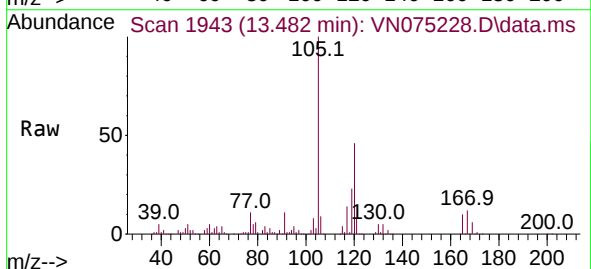
Acq: 10 Nov 2022 11:46

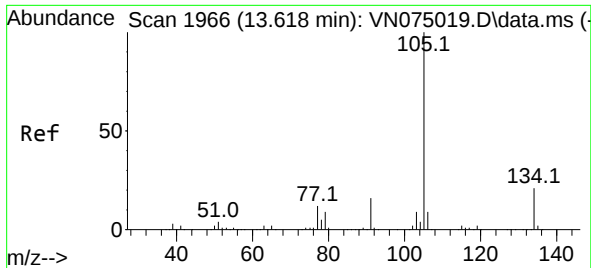
Tgt Ion:105 Resp: 423725

Ion Ratio Lower Upper

105 100

120 47.1 22.7 68.1

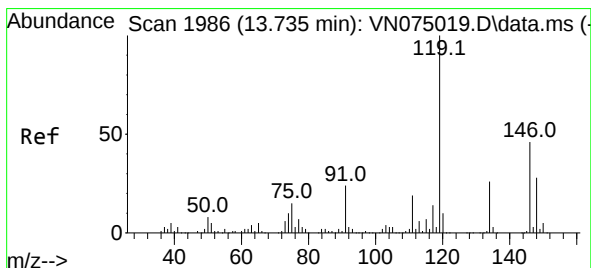
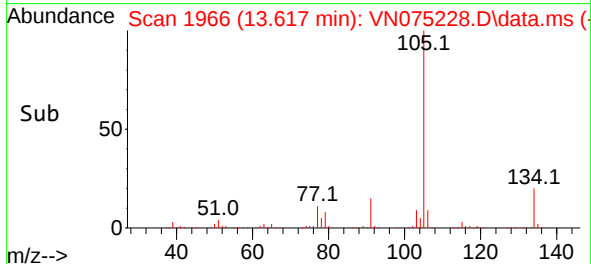
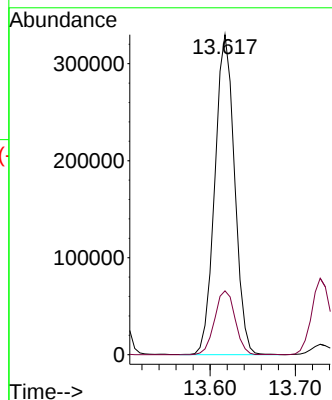
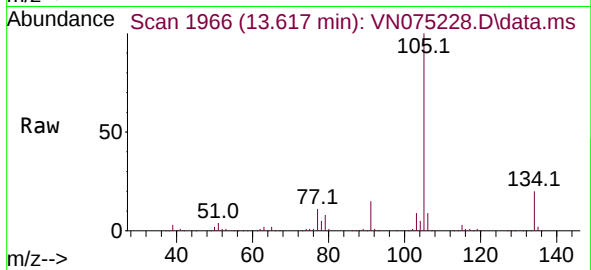




#85
 sec-Butylbenzene
 Concen: 57.726 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075228.D
 Acq: 10 Nov 2022 11:46

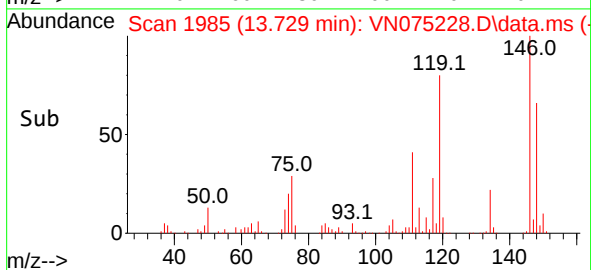
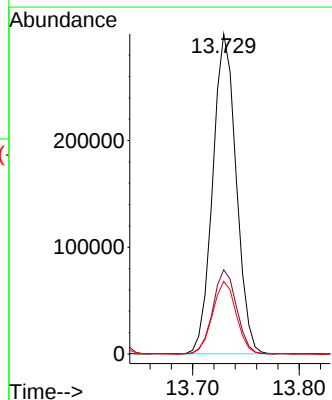
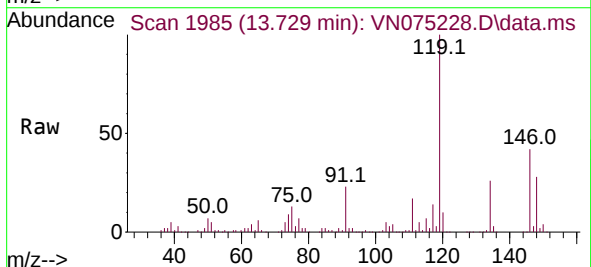
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

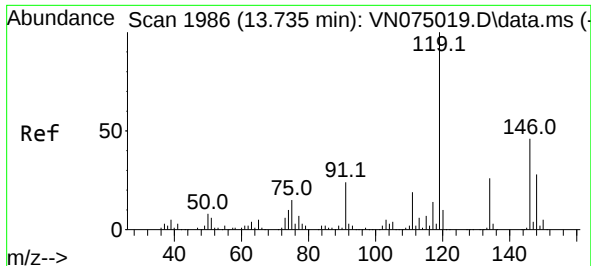
Tgt Ion:105 Resp: 529721
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 60.409 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN075228.D
 Acq: 10 Nov 2022 11:46

Tgt Ion:119 Resp: 457810
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 23.0 11.9 35.5

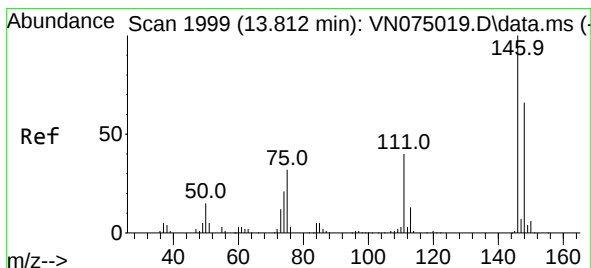
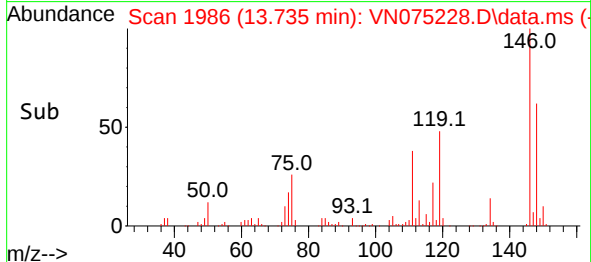
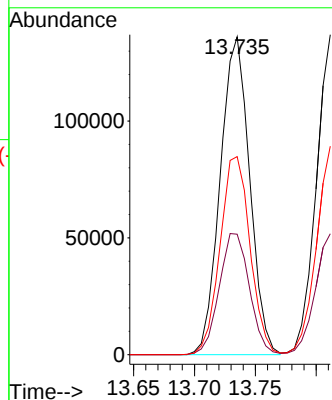
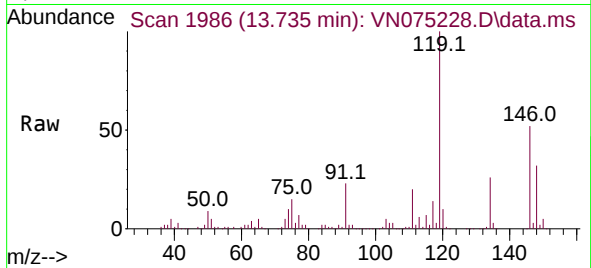




#87
 1,3-Dichlorobenzene
 Concen: 60.326 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075228.D
 Acq: 10 Nov 2022 11:46

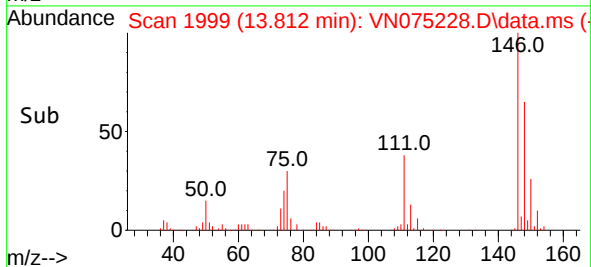
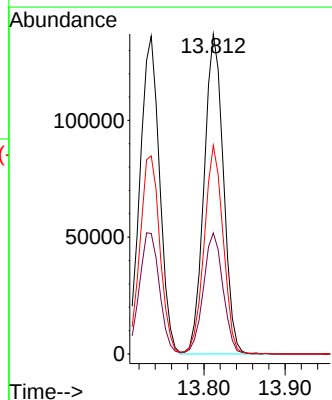
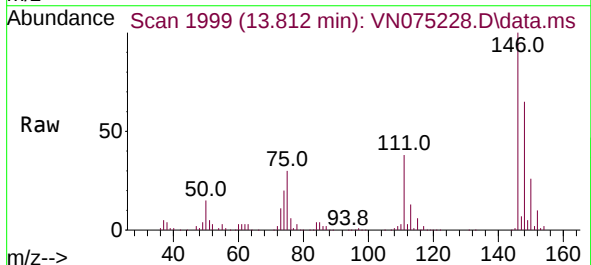
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

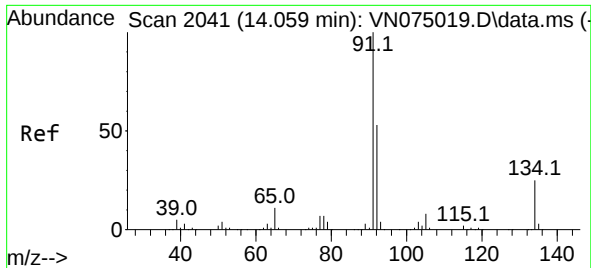
Tgt Ion:146 Resp: 228589
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.8 62.5
 148 63.7 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 60.248 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN075228.D
 Acq: 10 Nov 2022 11:46

Tgt Ion:146 Resp: 225937
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.1 60.3
 148 63.7 31.9 95.7

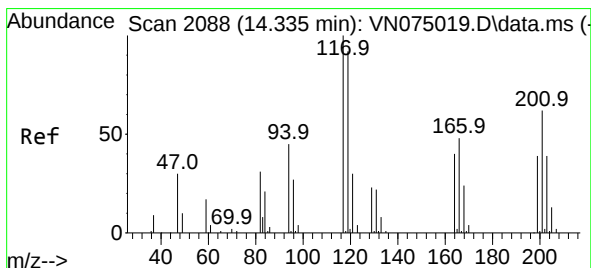
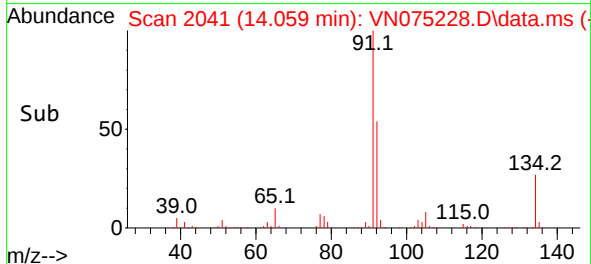
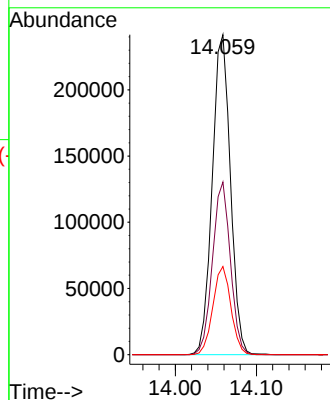
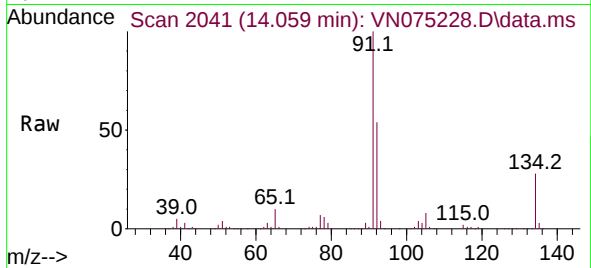




#89
n-Butylbenzene
Concen: 61.555 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

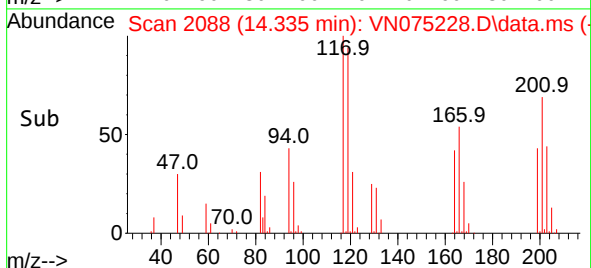
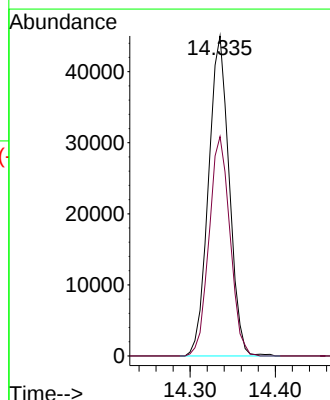
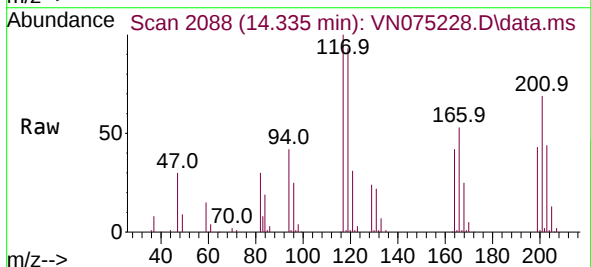
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

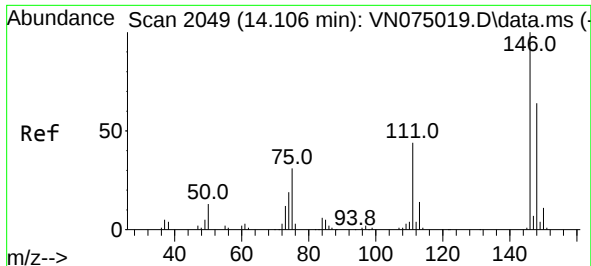
Tgt Ion: 91 Resp: 375662
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.4
134 27.3 13.0 39.0



#90
Hexachloroethane
Concen: 54.579 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 117 Resp: 75838
Ion Ratio Lower Upper
117 100
201 69.3 31.5 94.5

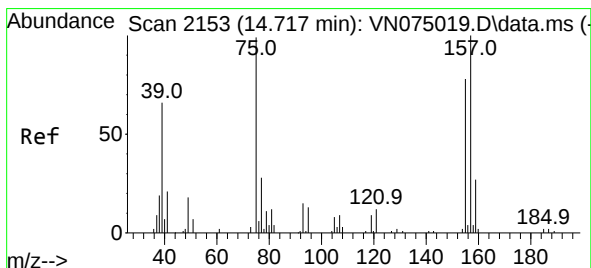
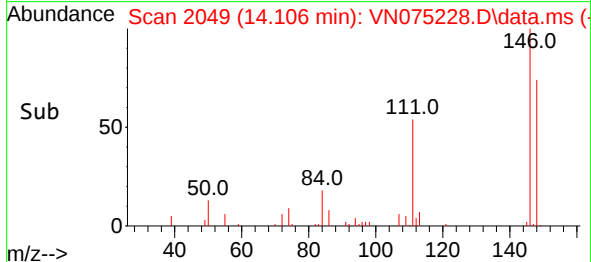
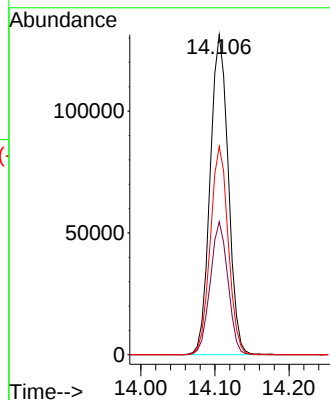
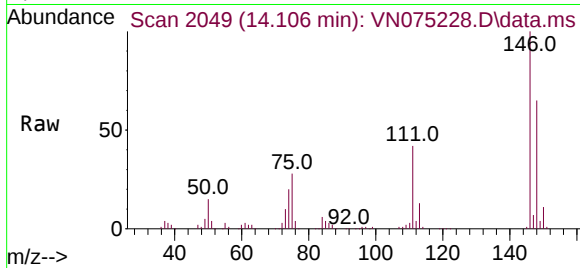




#91
1,2-Dichlorobenzene
Concen: 59.337 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

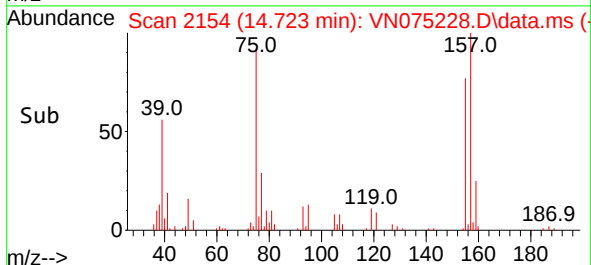
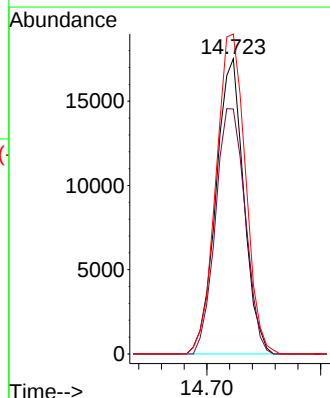
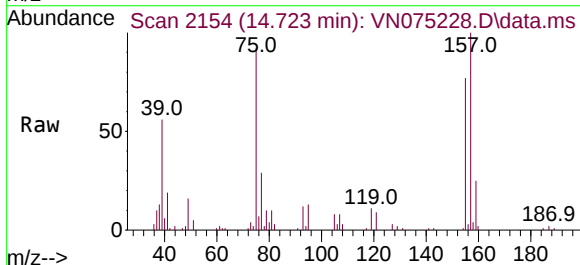
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

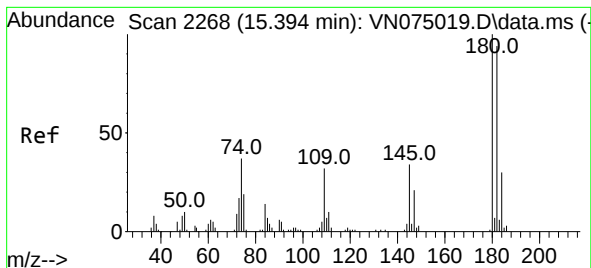
Tgt Ion:146 Resp: 223527
Ion Ratio Lower Upper
146 100
111 40.7 21.3 63.9
148 64.3 31.4 94.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.092 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075228.D
Acq: 10 Nov 2022 11:46

Tgt Ion: 75 Resp: 29698
Ion Ratio Lower Upper
75 100
155 88.9 42.1 126.3
157 115.0 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 68.599 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

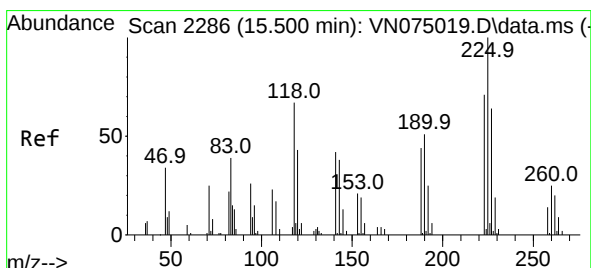
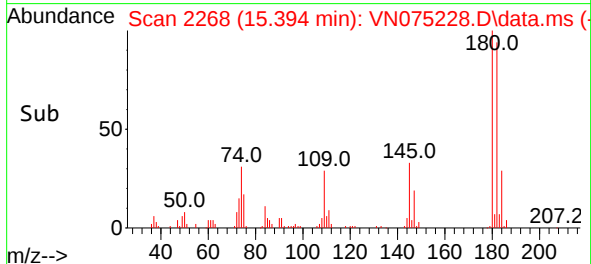
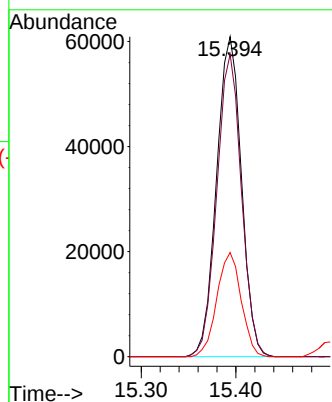
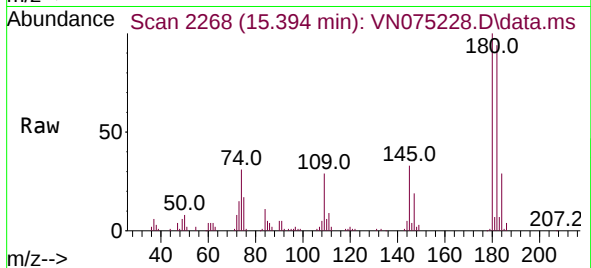
Tgt Ion:180 Resp: 111200

Ion Ratio Lower Upper

180 100

182 93.3 47.8 143.4

145 31.8 16.8 50.3



#94

Hexachlorobutadiene

Concen: 64.110 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

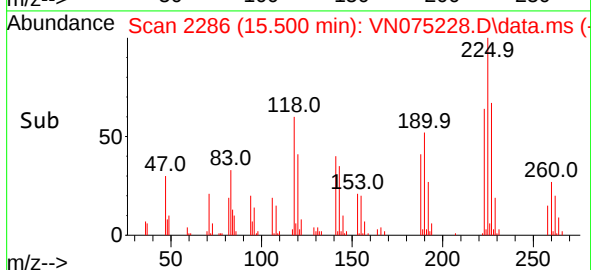
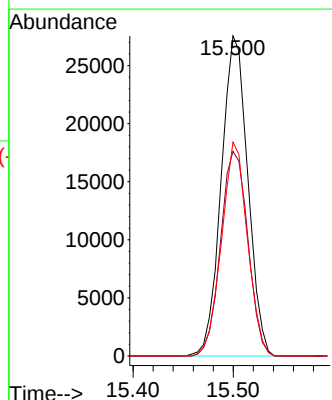
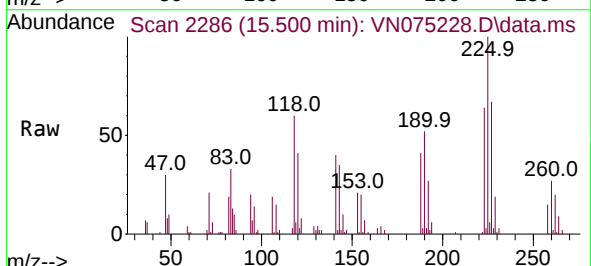
Tgt Ion:225 Resp: 50663

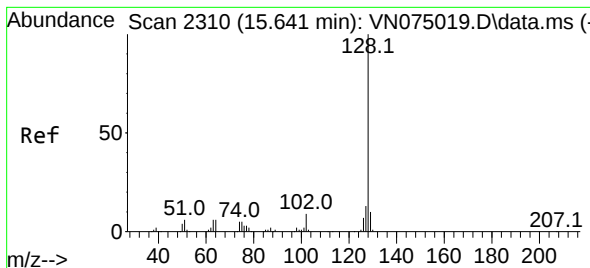
Ion Ratio Lower Upper

225 100

223 65.7 32.3 96.9

227 65.2 32.0 96.2





#95

Naphthalene

Concen: 60.962 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

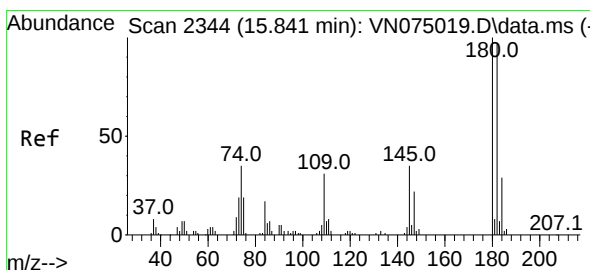
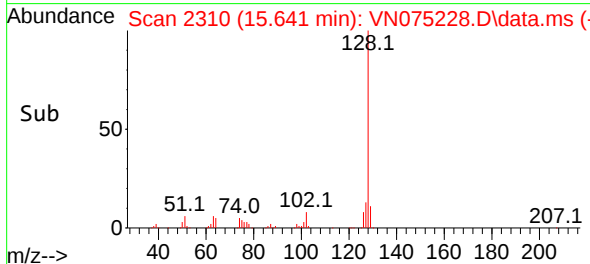
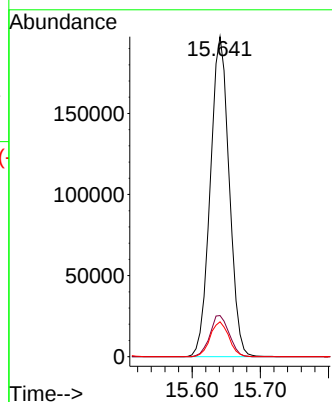
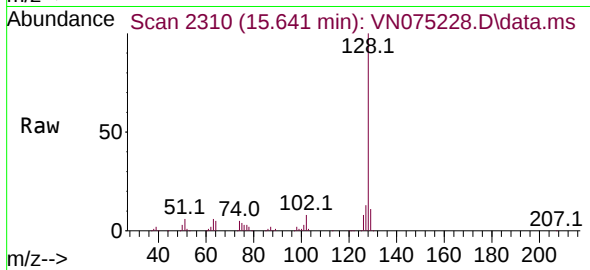
Tgt Ion:128 Resp: 380026

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 67.199 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075228.D

Acq: 10 Nov 2022 11:46

Tgt Ion:180 Resp: 108234

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.8

145 33.3 17.6 52.9

