

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076119.D
 Acq On : 05 Jan 2023 19:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 05 23:51:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	303855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	460837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223800	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	159962	48.390	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.780%
35) Dibromofluoromethane	8.171	113	149750	48.111	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	10.571	98	545827	46.902	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.800%
62) 4-Bromofluorobenzene	12.853	95	189997	49.292	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.580%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	143477	66.502	ug/l	100
3) Chloromethane	2.377	50	144076	53.704	ug/l	97
4) Vinyl Chloride	2.524	62	178739	55.853	ug/l	97
5) Bromomethane	2.942	94	137762	50.653	ug/l	100
6) Chloroethane	3.118	64	128992	54.431	ug/l	96
7) Trichlorofluoromethane	3.506	101	242044	49.845	ug/l	99
8) Diethyl Ether	3.971	74	88922	50.137	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	135977	49.039	ug/l	98
10) Methyl Iodide	4.601	142	225179	50.040	ug/l	99
11) Tert butyl alcohol	5.536	59	113736	243.157	ug/l	100
12) 1,1-Dichloroethene	4.353	96	134296	49.868	ug/l	98
13) Acrolein	4.195	56	143603	250.423	ug/l	98
14) Allyl chloride	5.036	41	166158	52.780	ug/l	97
15) Acrylonitrile	5.736	53	317591	248.807	ug/l	100
16) Acetone	4.442	43	241042	211.528	ug/l	97
17) Carbon Disulfide	4.724	76	314936	48.300	ug/l	99
18) Methyl Acetate	5.042	43	175305	52.045	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	470922	53.101	ug/l	100
20) Methylene Chloride	5.289	84	160443	52.667	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	143546	48.671	ug/l	99
22) Diisopropyl ether	6.683	45	389487	50.929	ug/l	95
23) Vinyl Acetate	6.612	43	1321020	256.637	ug/l	98
24) 1,1-Dichloroethane	6.577	63	249523	48.923	ug/l	97
25) 2-Butanone	7.489	43	396833	248.713	ug/l	98
26) 2,2-Dichloropropane	7.500	77	204188	47.274	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	171475	48.613	ug/l	97
28) Bromochloromethane	7.824	49	96171	43.020	ug/l	100
29) Tetrahydrofuran	7.847	42	266104	266.135	ug/l	100
30) Chloroform	7.971	83	279293	48.636	ug/l	98
31) Cyclohexane	8.259	56	218900	46.237	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	256085	50.301	ug/l	100
36) 1,1-Dichloropropene	8.377	75	199172	48.170	ug/l	98
37) Ethyl Acetate	7.571	43	166342	50.085	ug/l	99
38) Carbon Tetrachloride	8.371	117	228066	49.282	ug/l	97
39) Methylcyclohexane	9.606	83	251863	50.491	ug/l	98
40) Benzene	8.612	78	615089	48.215	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	86746	50.248	ug/l	96
42) 1,2-Dichloroethane	8.677	62	204705	48.266	ug/l	100
43) Isopropyl Acetate	8.694	43	279876	51.085	ug/l	99
44) Trichloroethene	9.359	130	167593	46.632	ug/l	91
45) 1,2-Dichloropropane	9.624	63	148504	47.837	ug/l	98
46) Dibromomethane	9.712	93	111332	48.352	ug/l	98
47) Bromodichloromethane	9.894	83	220999	48.944	ug/l	97
48) Methyl methacrylate	9.683	41	131677	53.364	ug/l	98
49) 1,4-Dioxane	9.700	88	62252	1026.202	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	872076	263.210	ug/l	98
52) Toluene	10.635	92	412014	49.590	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	226825	51.317	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	246799	50.855	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	162610	49.864	ug/l	98
56) Ethyl methacrylate	10.877	69	231308	53.400	ug/l	99
57) 1,3-Dichloropropane	11.165	76	265263	49.589	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	338399	245.375	ug/l	99
59) 2-Hexanone	11.200	43	641673	265.567	ug/l	99
60) Dibromochloromethane	11.365	129	184135	50.773	ug/l	100
61) 1,2-Dibromoethane	11.471	107	166275	50.384	ug/l	99
64) Tetrachloroethene	11.106	164	157630	48.609	ug/l	98
65) Chlorobenzene	11.894	112	441341	46.660	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	169225	48.303	ug/l	100
67) Ethyl Benzene	11.965	91	787500	49.331	ug/l	100
68) m/p-Xylenes	12.071	106	632798	100.152	ug/l	99
69) o-Xylene	12.400	106	308845	49.394	ug/l	100
70) Styrene	12.412	104	510163	51.315	ug/l	99
71) Bromoform	12.582	173	130896	51.346	ug/l #	99
73) Isopropylbenzene	12.700	105	812675	50.250	ug/l	100
74) N-amyl acetate	12.494	43	253427	53.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	235516	47.107	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	281038	62.297	ug/l	72
77) Bromobenzene	12.982	156	194623	47.551	ug/l	98
78) n-propylbenzene	13.041	91	910381	51.037	ug/l	99
79) 2-Chlorotoluene	13.129	91	540160	48.511	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	688497	50.865	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	66456	53.025	ug/l	99
82) 4-Chlorotoluene	13.129	91	540160	48.511	ug/l	100
83) tert-Butylbenzene	13.441	119	602875	50.517	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	691818	51.520	ug/l	99
85) sec-Butylbenzene	13.618	105	857944	52.085	ug/l	99
86) p-Isopropyltoluene	13.729	119	726511	53.006	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	369901	48.926	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	361405	46.793	ug/l	99
89) n-Butylbenzene	14.059	91	583276	52.529	ug/l	100
90) Hexachloroethane	14.335	117	128067	52.235	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	366603	49.228	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42030	47.377	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	180062	48.839	ug/l	99
94) Hexachlorobutadiene	15.506	225	96281	47.865	ug/l	97
95) Naphthalene	15.641	128	542963	44.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	175481	50.924	ug/l	99

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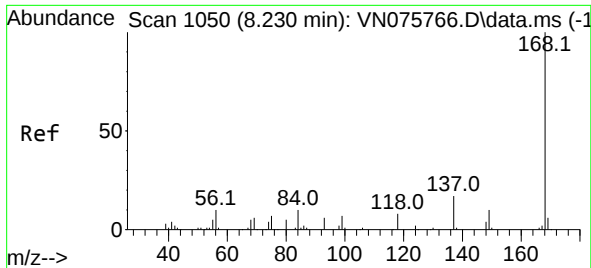
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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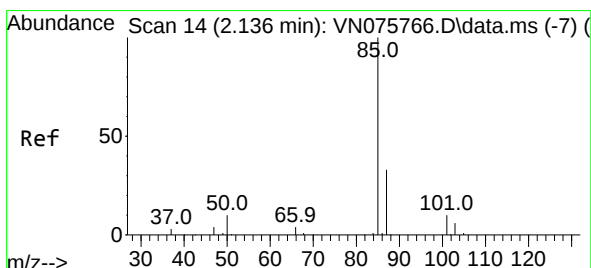
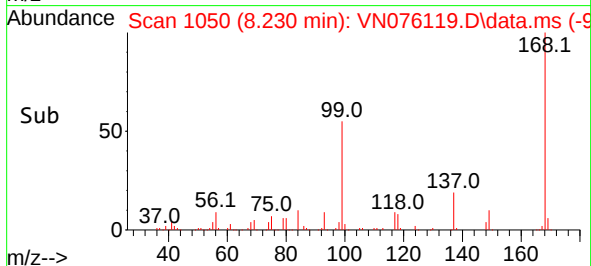
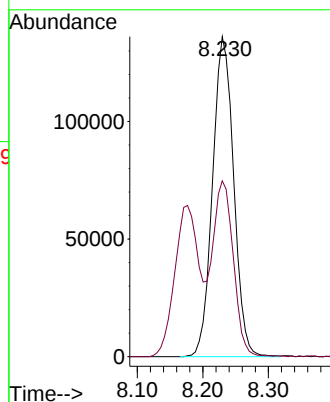
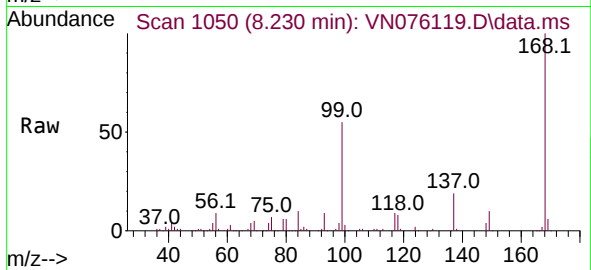




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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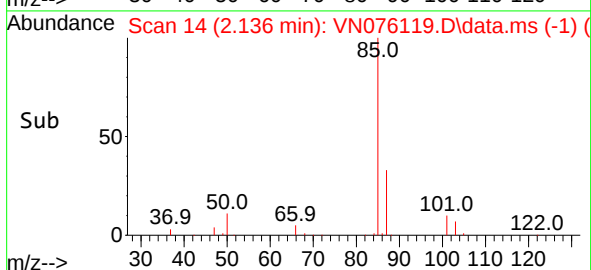
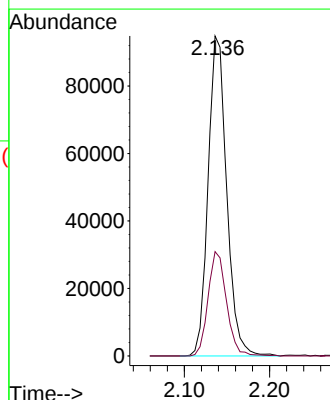
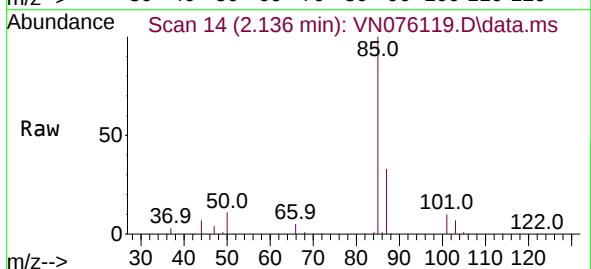
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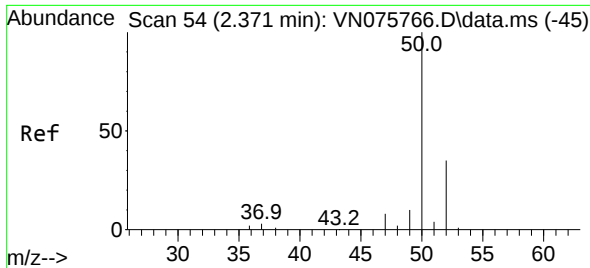
Tgt Ion:168 Resp: 303855
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 66.502 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 85 Resp: 143477
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9

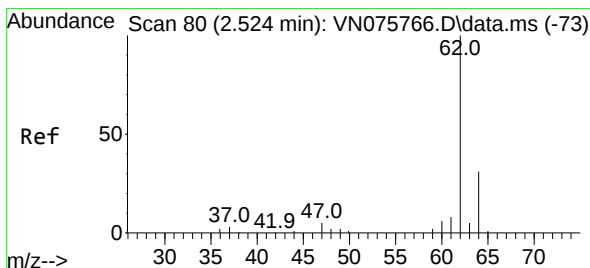
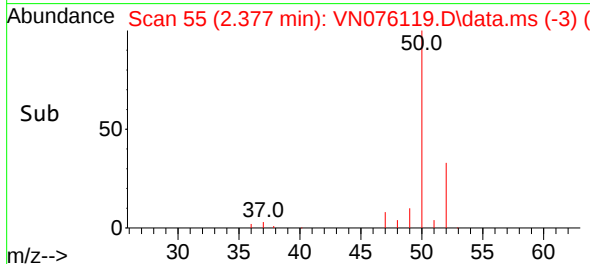
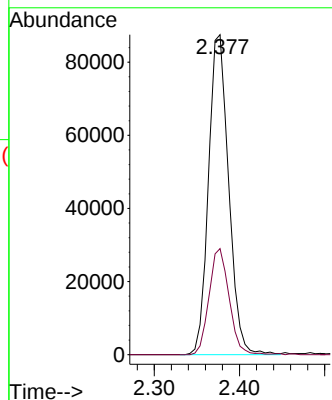
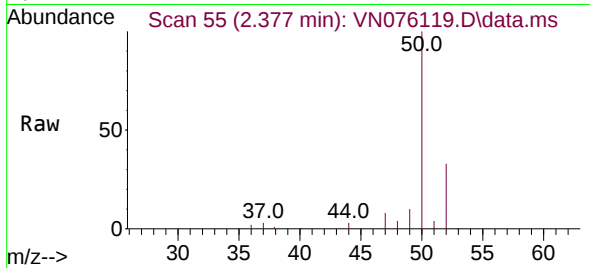




#3
Chloromethane
Concen: 53.704 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

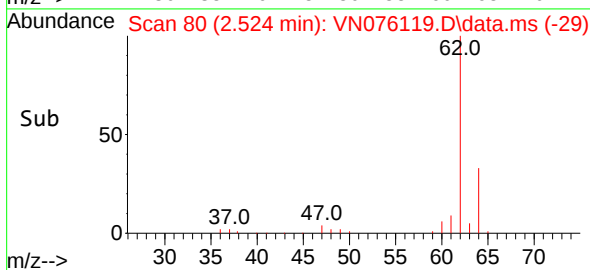
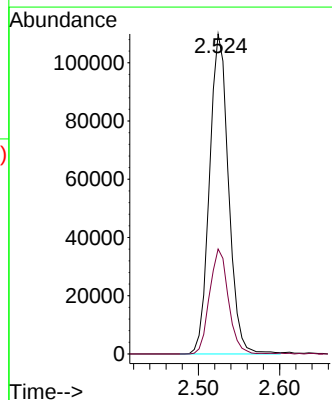
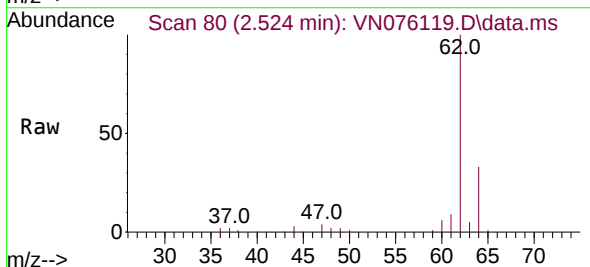
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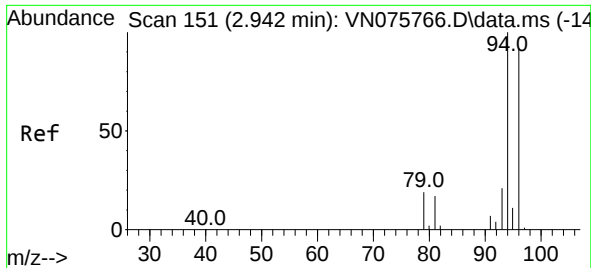
Tgt Ion: 50 Resp: 144076
Ion Ratio Lower Upper
50 100
52 33.2 27.7 41.5



#4
Vinyl Chloride
Concen: 55.853 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 62 Resp: 178739
Ion Ratio Lower Upper
62 100
64 32.8 24.9 37.3

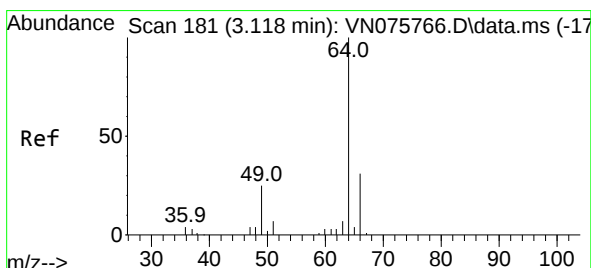
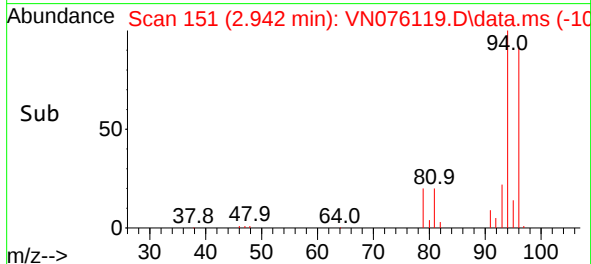
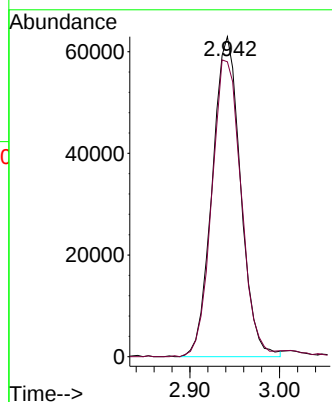
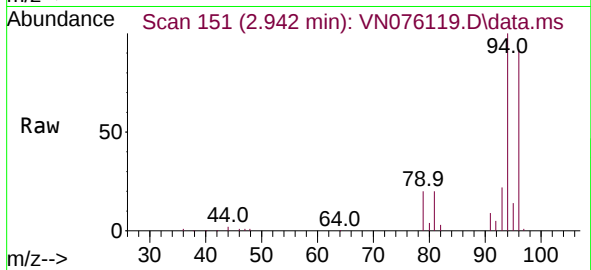




#5
Bromomethane
Concen: 50.653 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

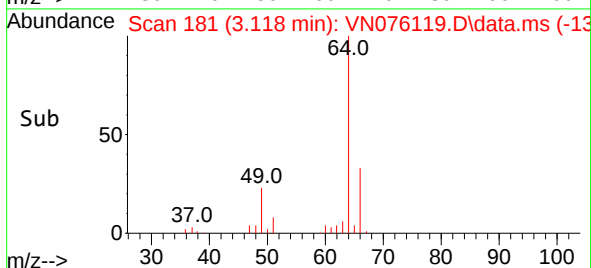
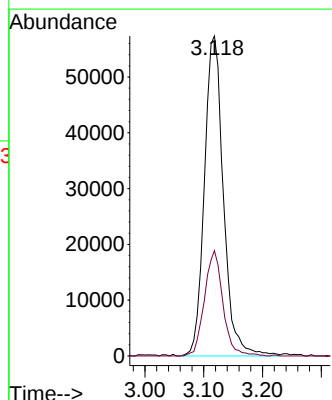
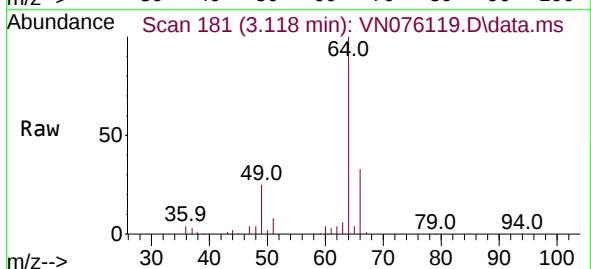
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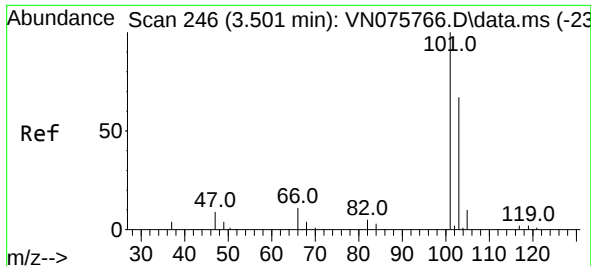
Tgt Ion: 94 Resp: 137762
Ion Ratio Lower Upper
94 100
96 92.1 73.8 110.6



#6
Chloroethane
Concen: 54.431 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 64 Resp: 128992
Ion Ratio Lower Upper
64 100
66 32.9 24.6 36.8

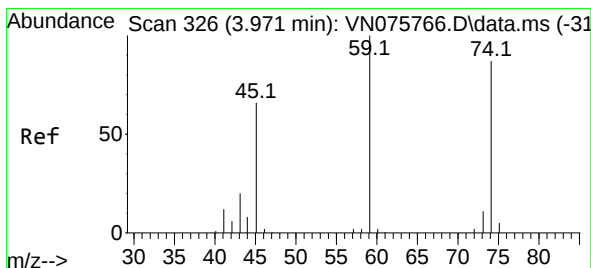
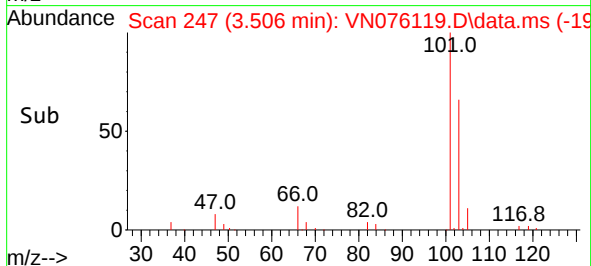
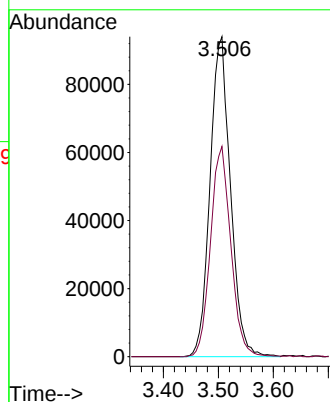
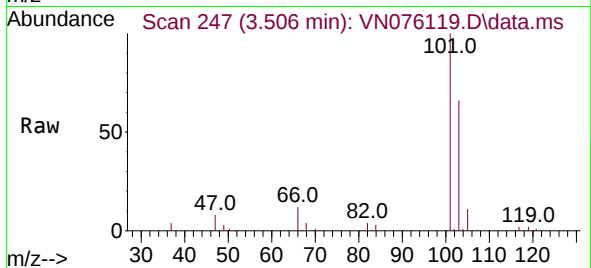




#7
 Trichlorofluoromethane
 Concen: 49.845 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN076119.D
 Acq: 05 Jan 2023 19:16

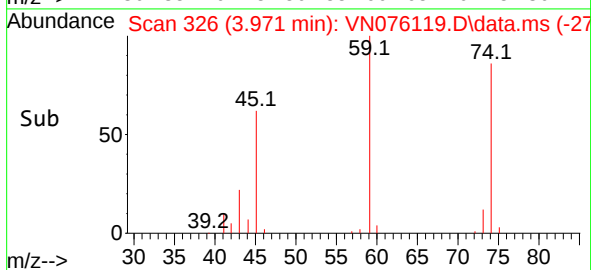
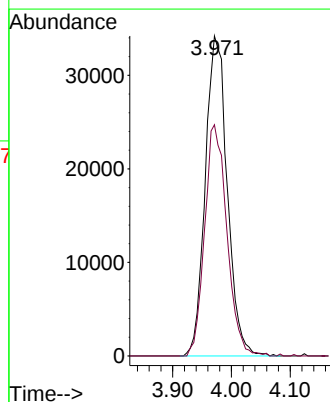
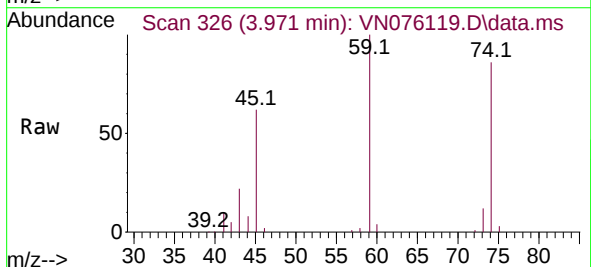
Instrument :
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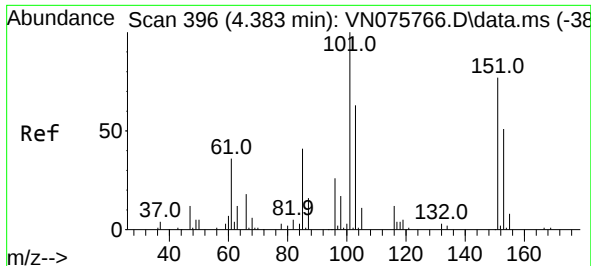
Tgt Ion:101 Resp: 242044
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.4 80.2



#8
 Diethyl Ether
 Concen: 50.137 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 88922
 Ion Ratio Lower Upper
 74 100
 45 73.2 37.8 113.4

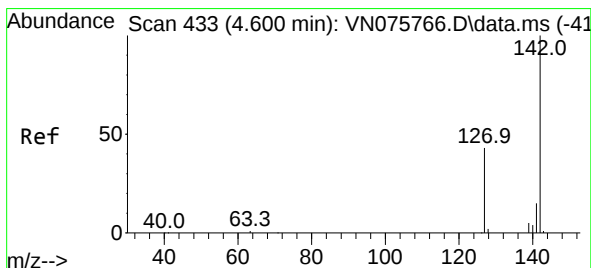
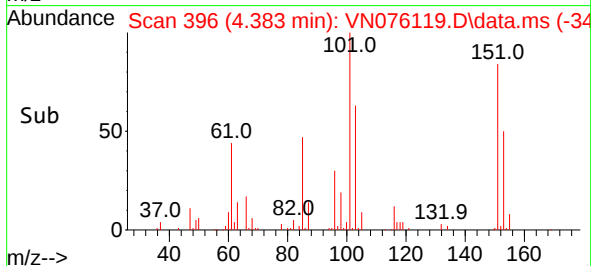
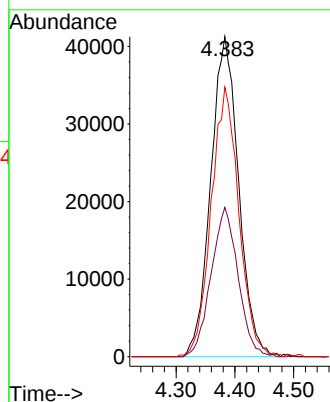
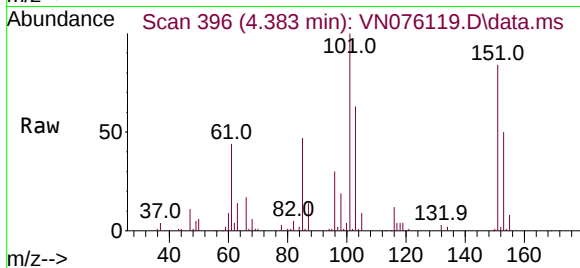




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.039 ug/l
 RT: 4.383 min Scan# 396
 Delta R.T. 0.000 min
 Lab File: VN076119.D
 Acq: 05 Jan 2023 19:16

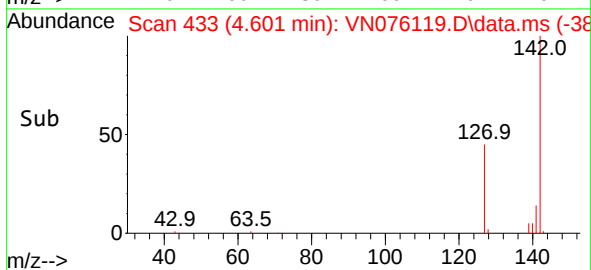
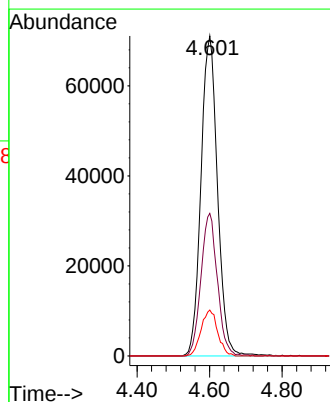
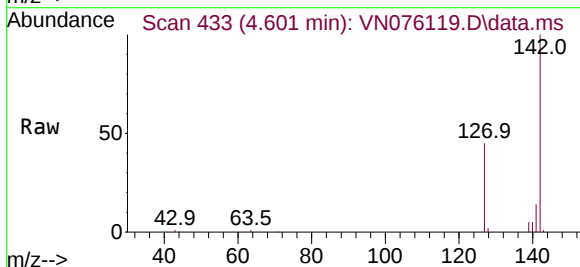
Instrument :
 MSVOA_N
 ClientSampleId :
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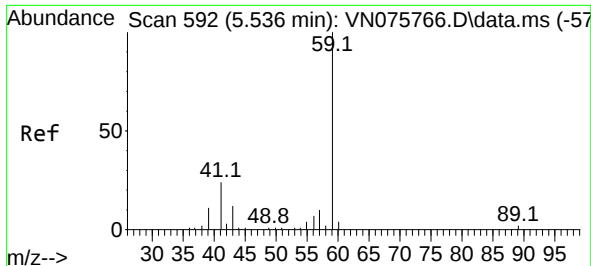
Tgt Ion:101 Resp: 135977
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.3 52.9
 151 83.5 65.6 98.4



#10
 Methyl Iodide
 Concen: 50.040 ug/l
 RT: 4.601 min Scan# 433
 Delta R.T. 0.000 min
 Lab File: VN076119.D
 Acq: 05 Jan 2023 19:16

Tgt Ion:142 Resp: 225179
 Ion Ratio Lower Upper
 142 100
 127 44.1 34.7 52.1
 141 14.4 11.4 17.2

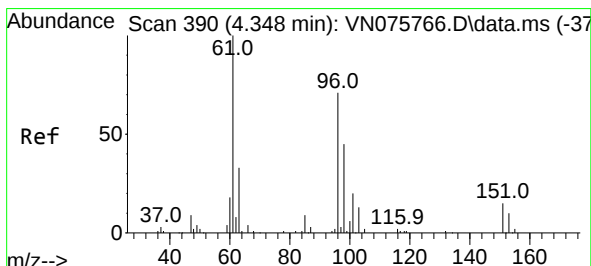
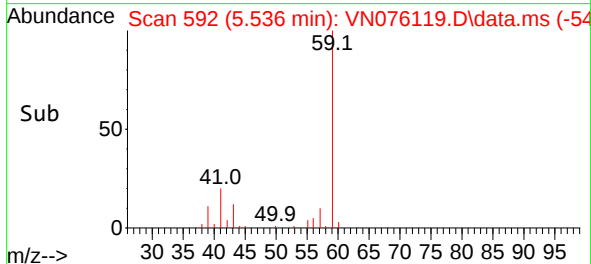
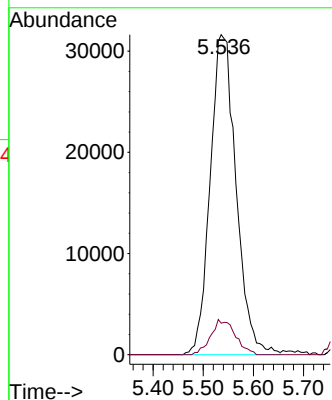
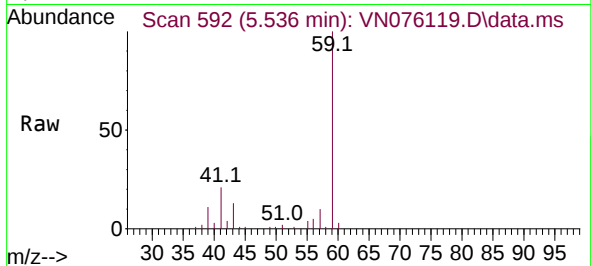




#11
Tert butyl alcohol
Concen: 243.157 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

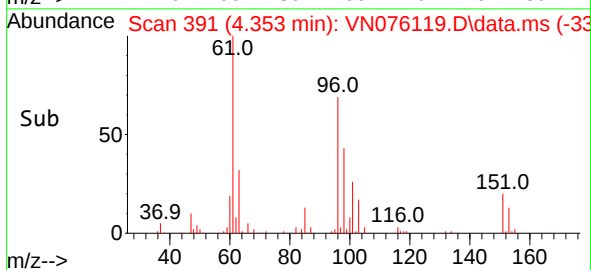
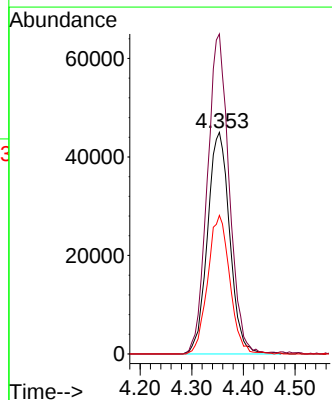
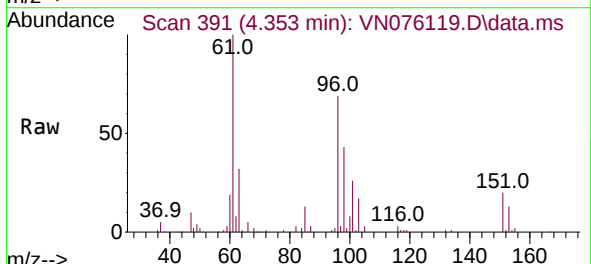
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

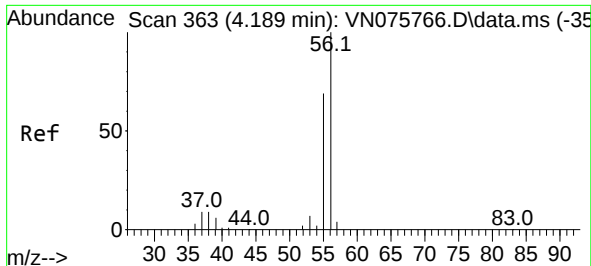
Tgt Ion: 59 Resp: 113736
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.868 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 96 Resp: 134296
Ion Ratio Lower Upper
96 100
61 144.4 113.3 169.9
98 62.5 50.9 76.3

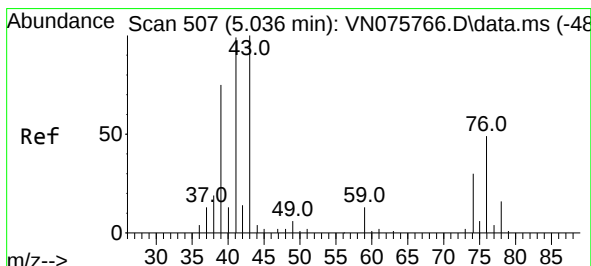
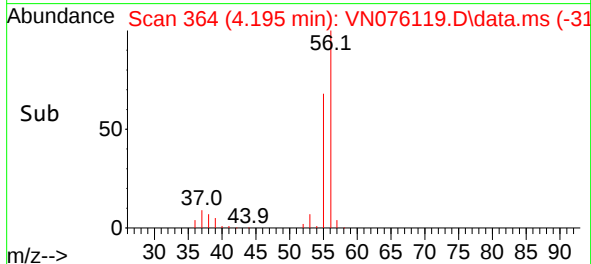
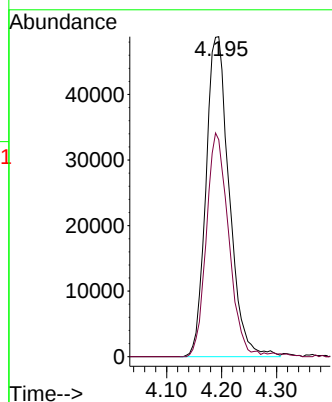
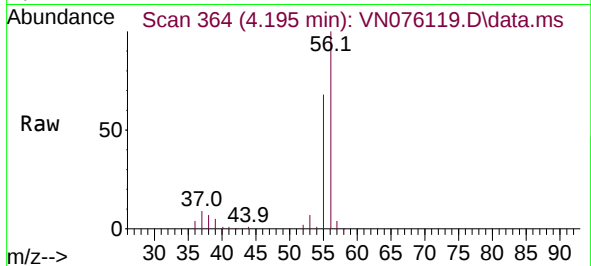




#13
Acrolein
Concen: 250.423 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

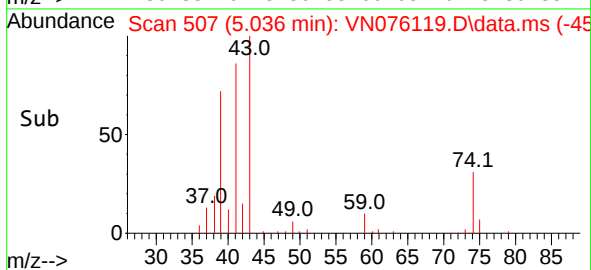
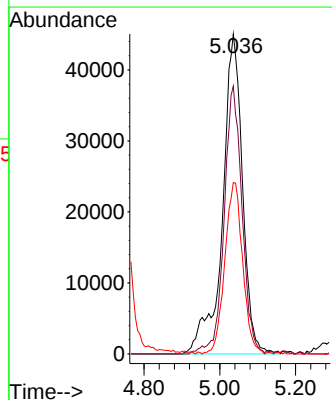
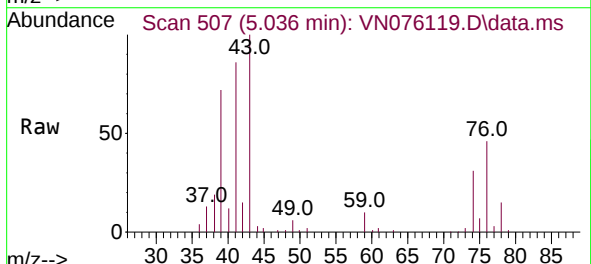
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

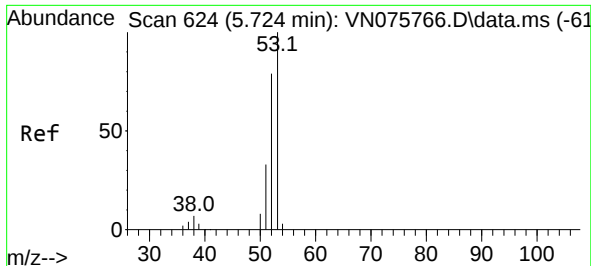
Tgt Ion: 56 Resp: 143603
Ion Ratio Lower Upper
56 100
55 67.1 54.8 82.2



#14
Allyl chloride
Concen: 52.780 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 41 Resp: 166158
Ion Ratio Lower Upper
41 100
39 74.5 58.3 87.5
76 47.7 35.8 53.6

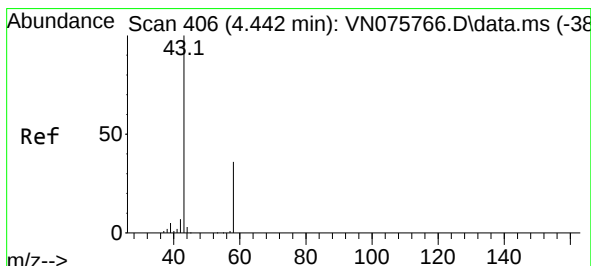
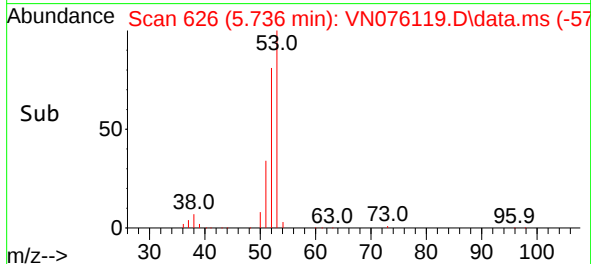
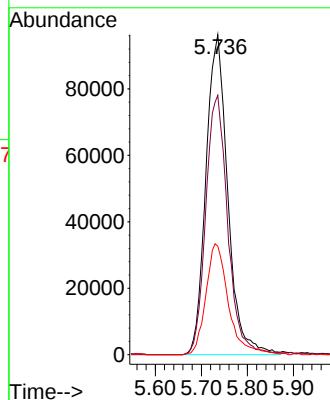
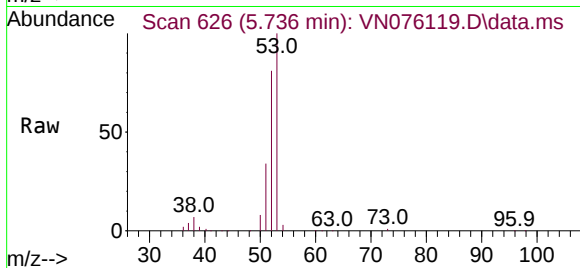




#15
Acrylonitrile
Concen: 248.807 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

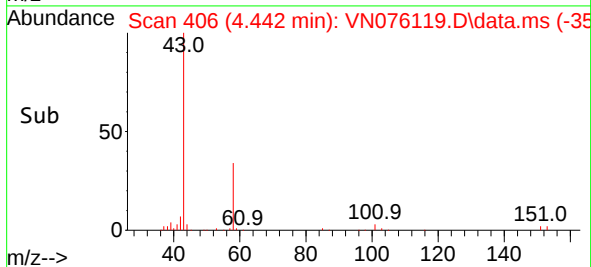
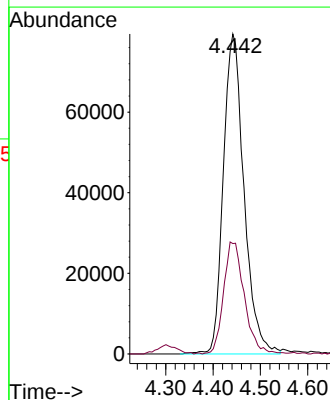
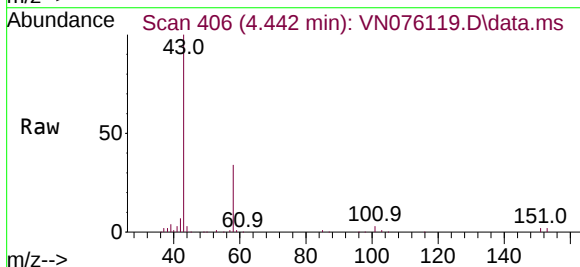
Instrument :
MSVOA_N
ClientSampleId :
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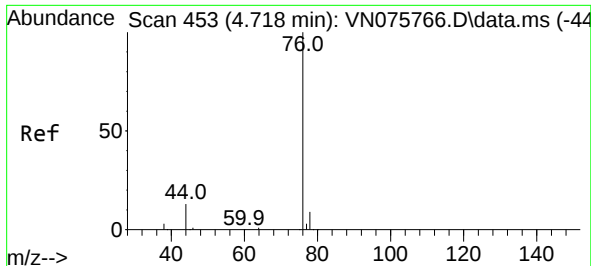
Tgt Ion: 53 Resp: 317591
Ion Ratio Lower Upper
53 100
52 81.7 65.4 98.0
51 35.8 28.9 43.3



#16
Acetone
Concen: 211.528 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 43 Resp: 241042
Ion Ratio Lower Upper
43 100
58 34.1 28.6 43.0

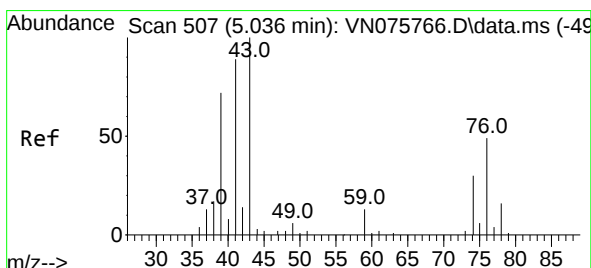
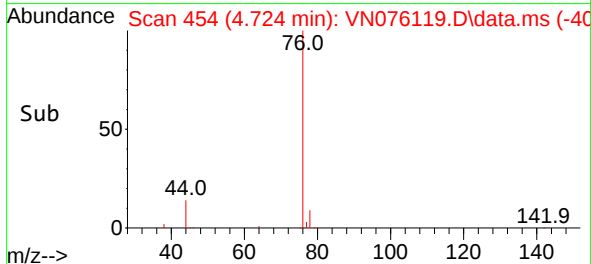
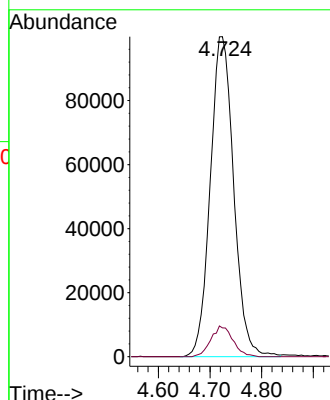
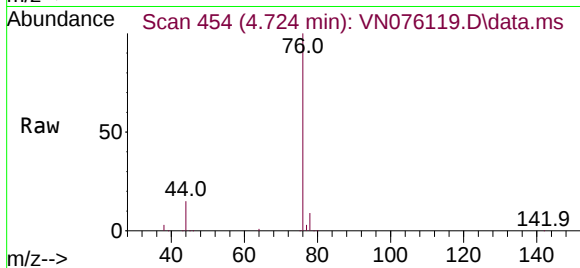




#17
Carbon Disulfide
Concen: 48.300 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

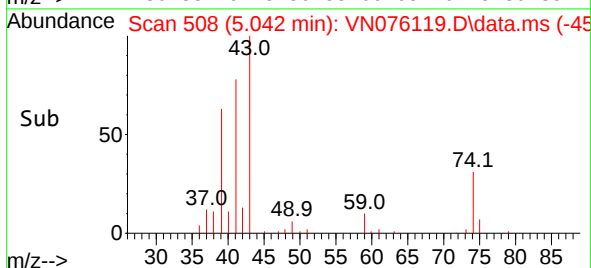
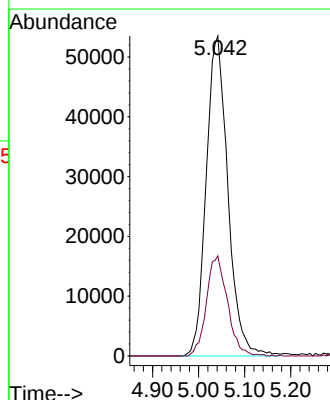
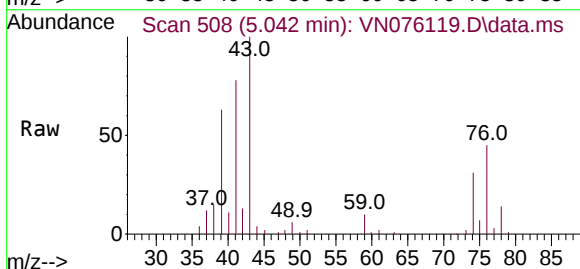
Instrument :
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ClientSampleId :
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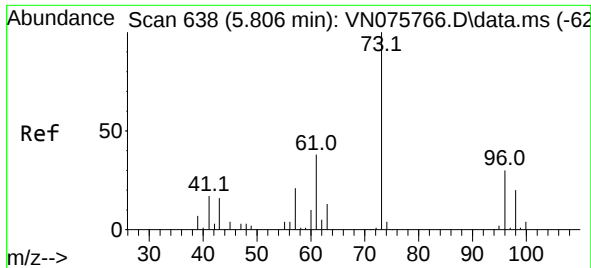
Tgt Ion: 76 Resp: 314936
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 52.045 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 43 Resp: 175305
Ion Ratio Lower Upper
43 100
74 30.3 23.6 35.4

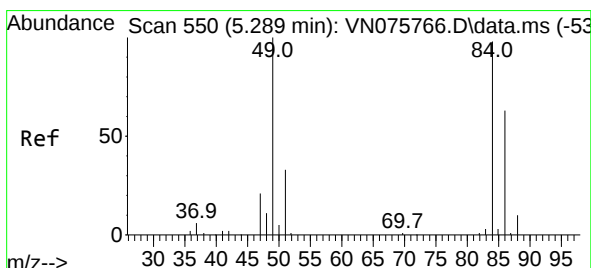
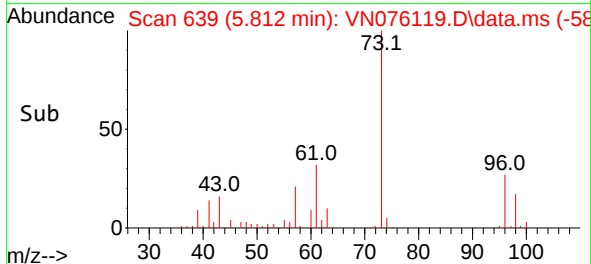
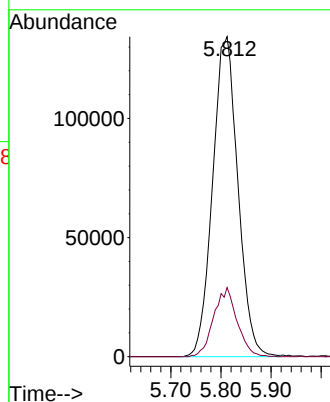
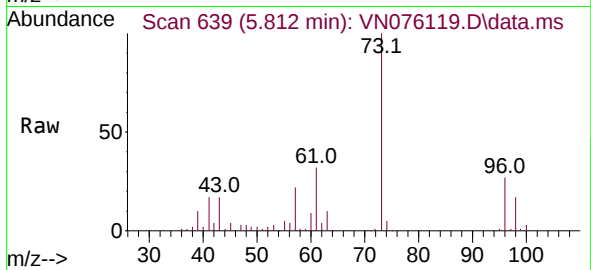




#19
Methyl tert-butyl Ether
Concen: 53.101 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

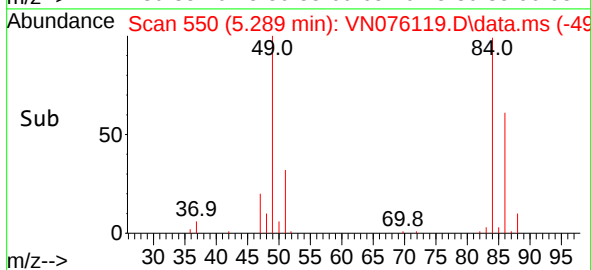
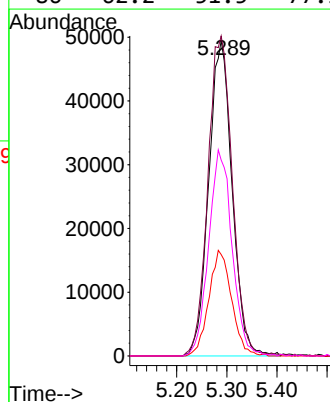
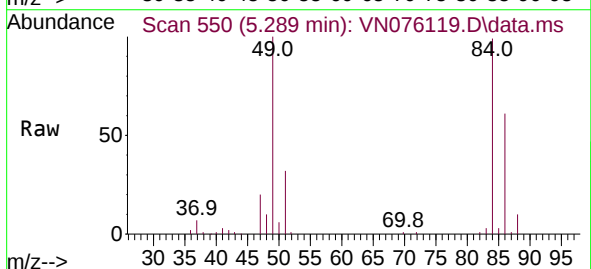
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

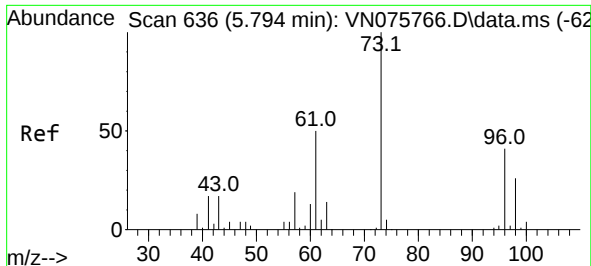
Tgt Ion: 73 Resp: 470922
Ion Ratio Lower Upper
73 100
57 21.6 17.1 25.7



#20
Methylene Chloride
Concen: 52.667 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 84 Resp: 160443
Ion Ratio Lower Upper
84 100
49 101.5 81.8 122.6
51 32.2 26.7 40.1
86 62.2 51.5 77.3

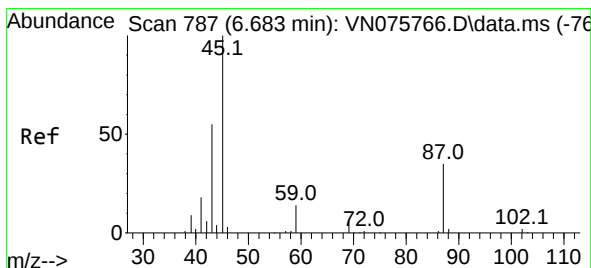
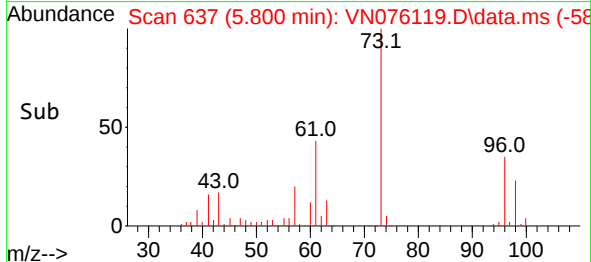
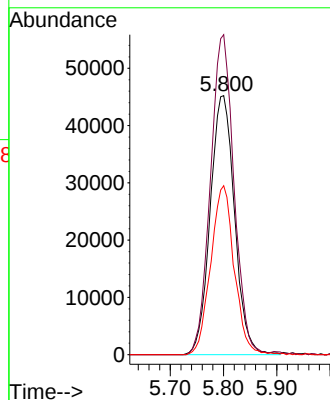
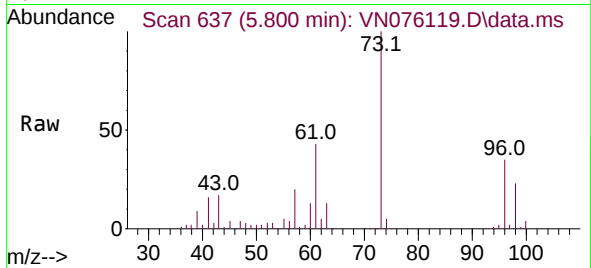




#21
trans-1,2-Dichloroethene
Concen: 48.671 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

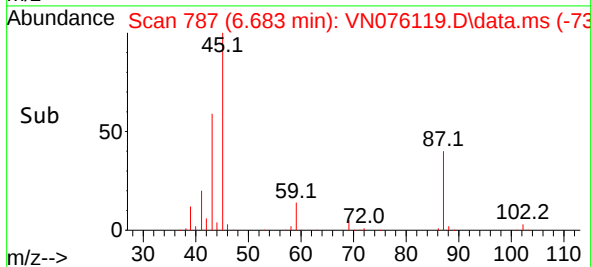
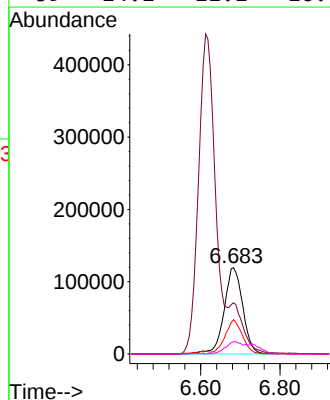
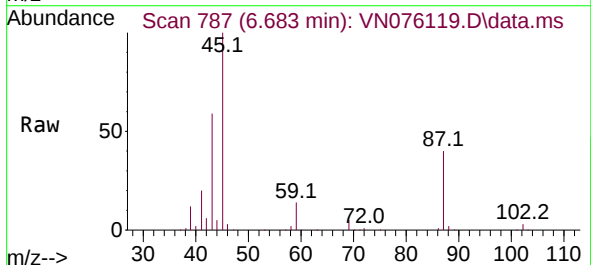
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MSVOA_N
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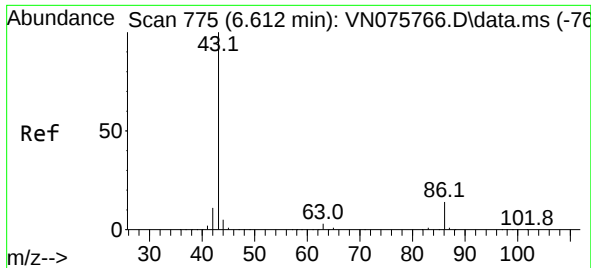
Tgt Ion: 96 Resp: 143546
Ion Ratio Lower Upper
96 100
61 123.6 98.1 147.1
98 65.3 51.4 77.2



#22
Diisopropyl ether
Concen: 50.929 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 45 Resp: 389487
Ion Ratio Lower Upper
45 100
43 59.0 44.2 66.4
87 39.6 28.3 42.5
59 14.1 11.1 16.7

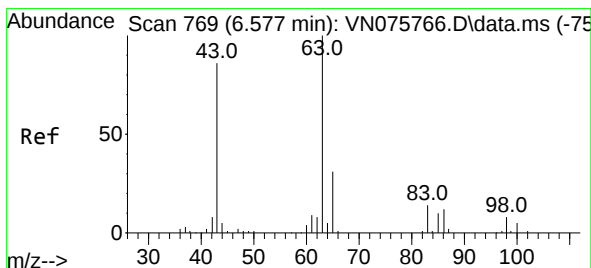
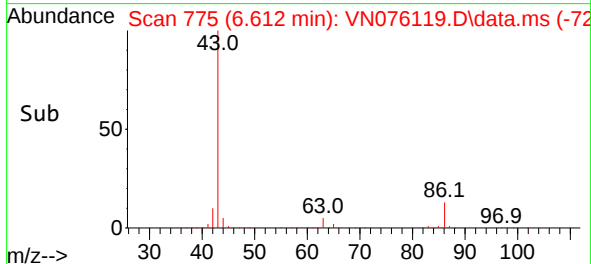
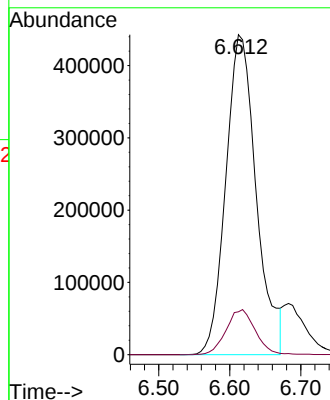
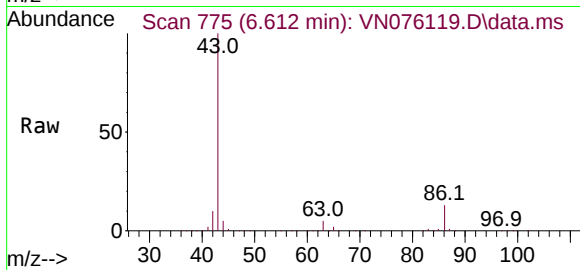




#23
 Vinyl Acetate
 Concen: 256.637 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076119.D
 Acq: 05 Jan 2023 19:16

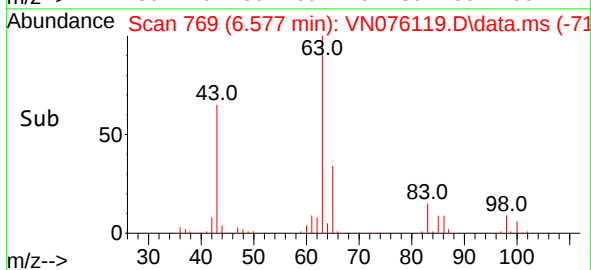
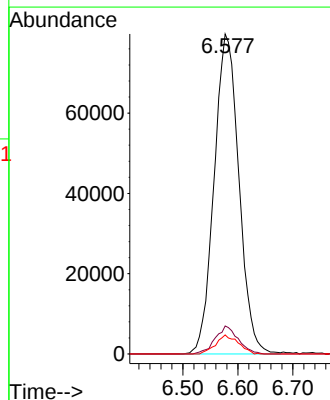
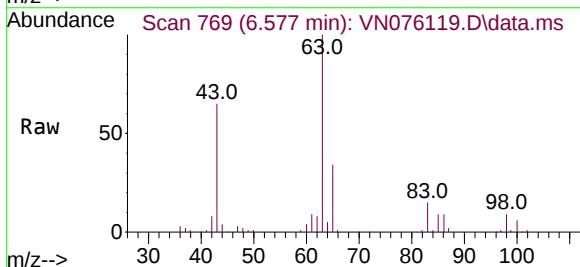
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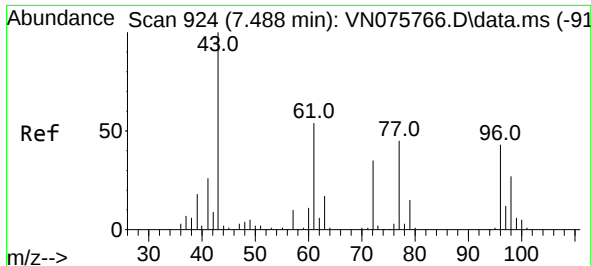
Tgt Ion: 43 Resp: 1321020
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.4 17.2



#24
 1,1-Dichloroethane
 Concen: 48.923 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN076119.D
 Acq: 05 Jan 2023 19:16

Tgt Ion: 63 Resp: 249523
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.5
 100 6.0 2.5 7.6





#25

2-Butanone

Concen: 248.713 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

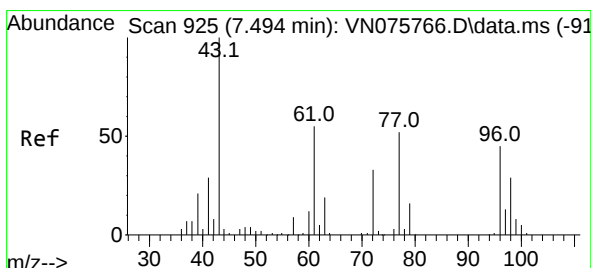
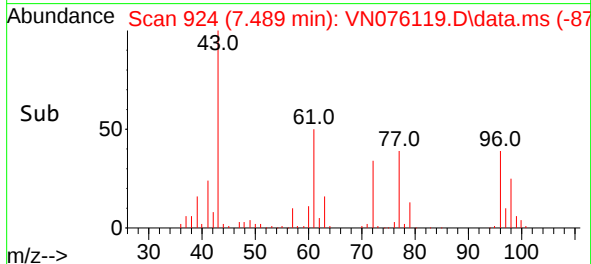
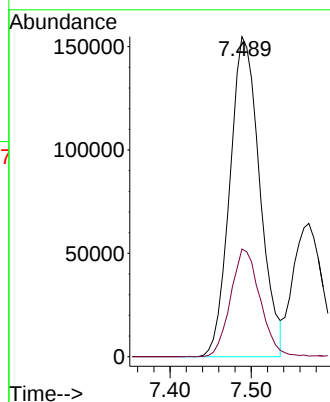
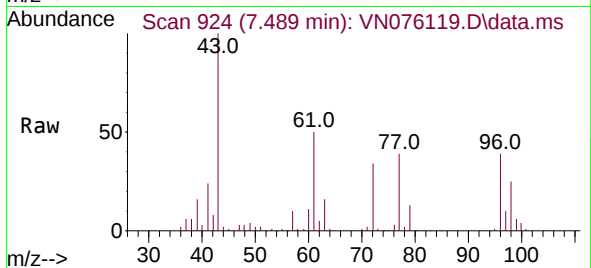
VSTDCCC050EC

Tgt Ion: 43 Resp: 396833

Ion Ratio Lower Upper

43 100

72 33.6 28.0 42.0



#26

2,2-Dichloropropane

Concen: 47.274 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN076119.D

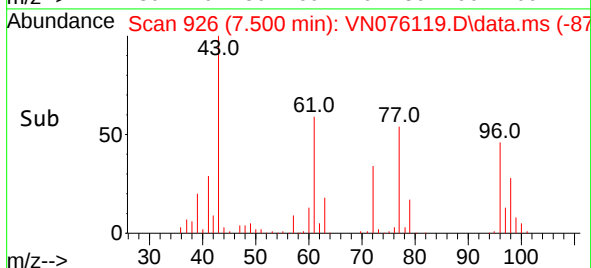
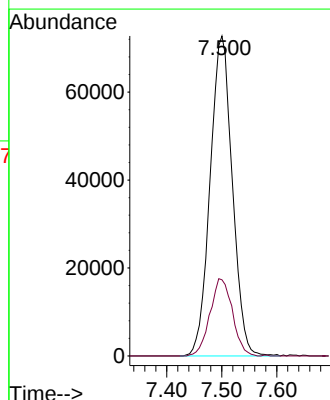
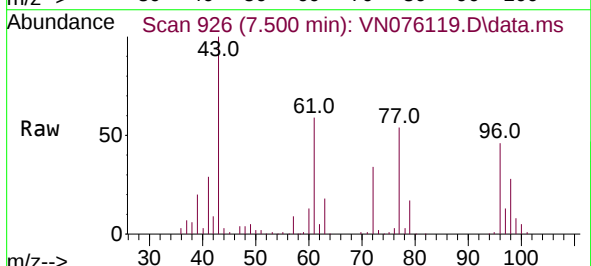
Acq: 05 Jan 2023 19:16

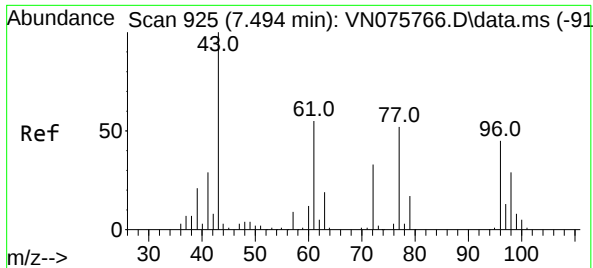
Tgt Ion: 77 Resp: 204188

Ion Ratio Lower Upper

77 100

97 24.4 12.7 38.0

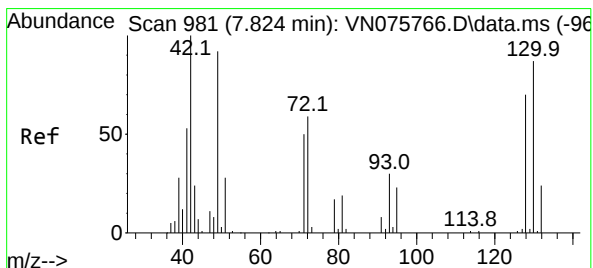
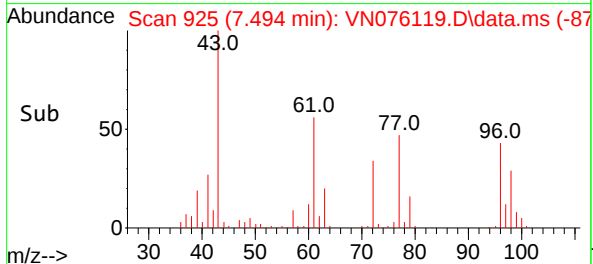
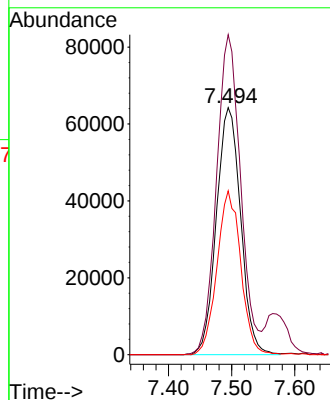
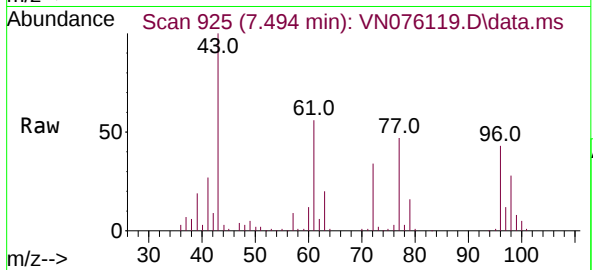




#27
 cis-1,2-Dichloroethene
 Concen: 48.613 ug/l
 RT: 7.494 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN076119.D
 Acq: 05 Jan 2023 19:16

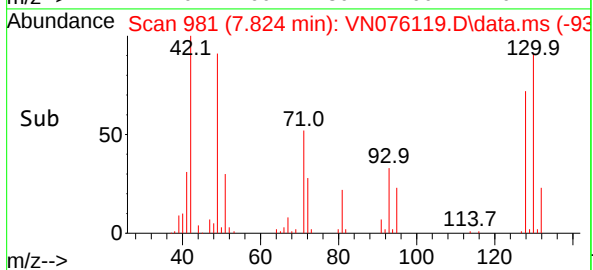
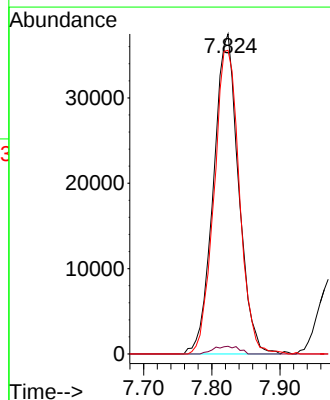
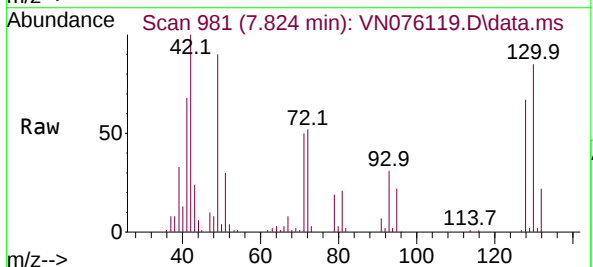
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

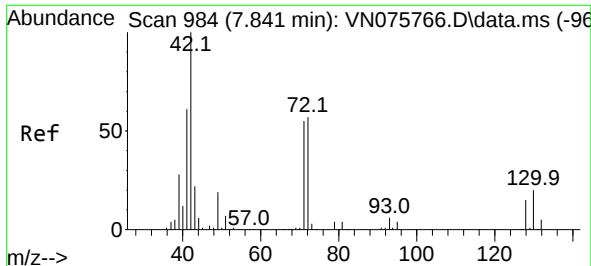
Tgt Ion: 96 Resp: 171475
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 247.8
 98 64.9 0.0 128.4



#28
 Bromochloromethane
 Concen: 43.020 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN076119.D
 Acq: 05 Jan 2023 19:16

Tgt Ion: 49 Resp: 96171
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 96.0 77.0 115.4





#29

Tetrahydrofuran

Concen: 266.135 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

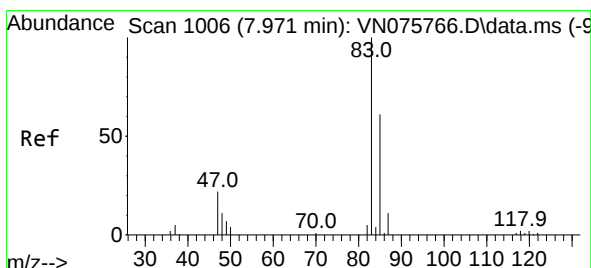
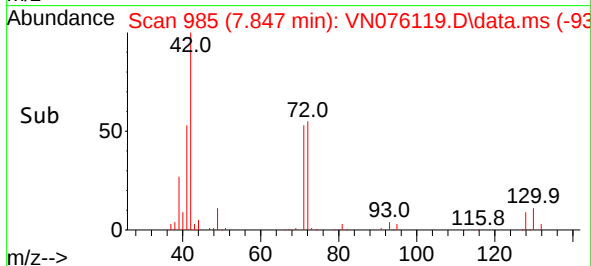
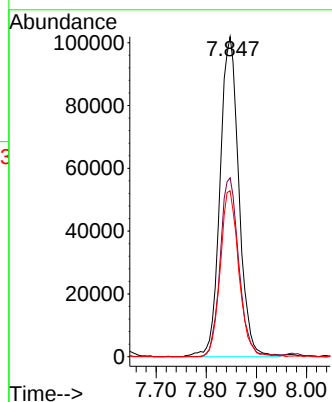
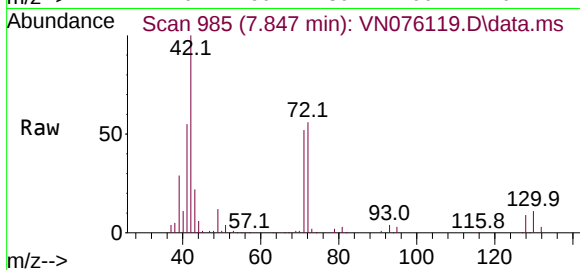
Tgt Ion: 42 Resp: 266104

Ion Ratio Lower Upper

42 100

72 55.5 44.5 66.7

71 51.1 41.0 61.6



#30

Chloroform

Concen: 48.636 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN076119.D

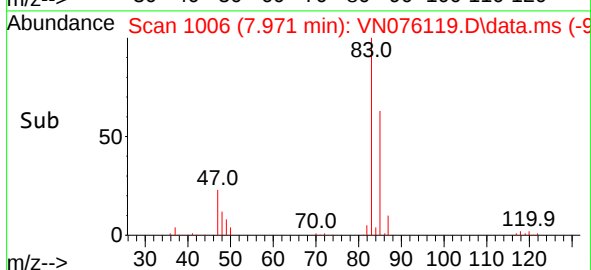
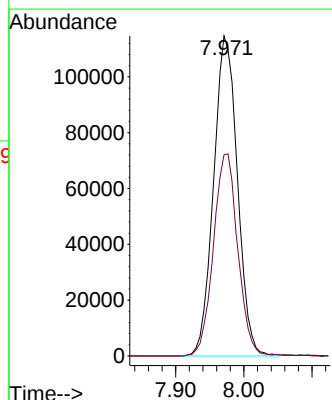
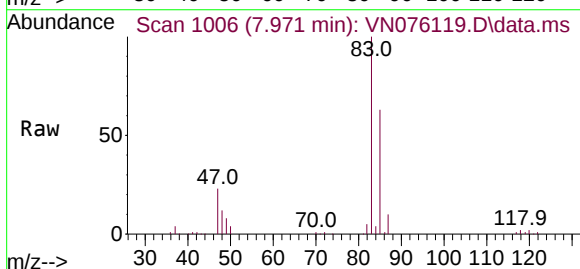
Acq: 05 Jan 2023 19:16

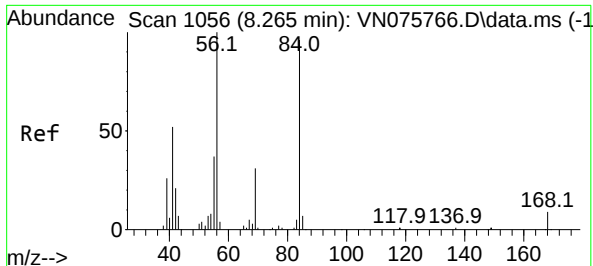
Tgt Ion: 83 Resp: 279293

Ion Ratio Lower Upper

83 100

85 62.9 49.1 73.7





#31

Cyclohexane

Concen: 46.237 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

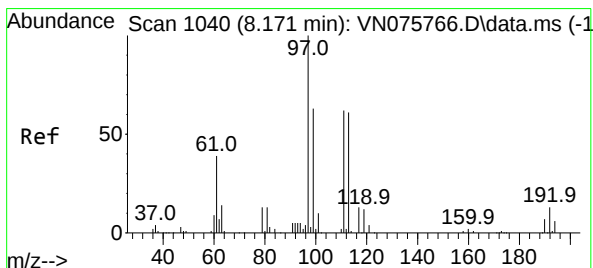
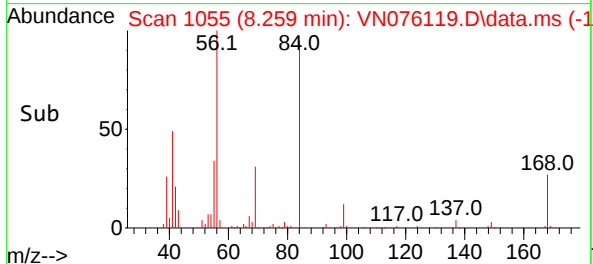
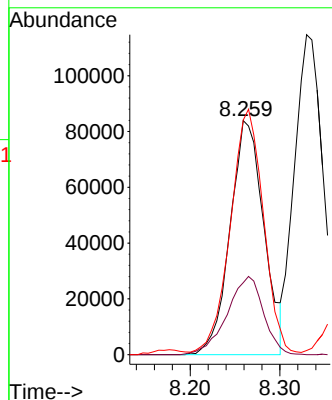
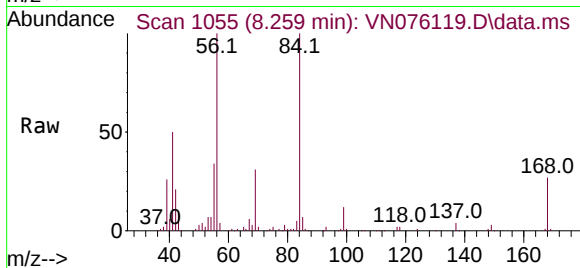
Tgt Ion: 56 Resp: 218900

Ion Ratio Lower Upper

56 100

69 30.8 24.7 37.1

84 98.8 76.5 114.7



#32

1,1,1-Trichloroethane

Concen: 50.301 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

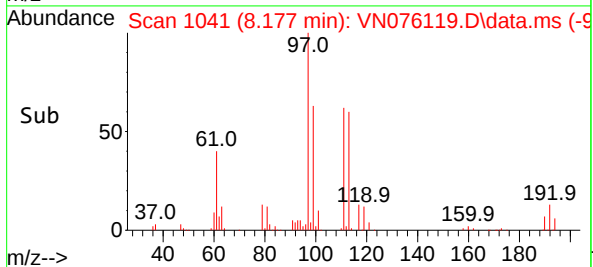
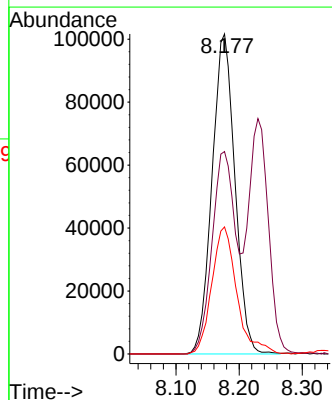
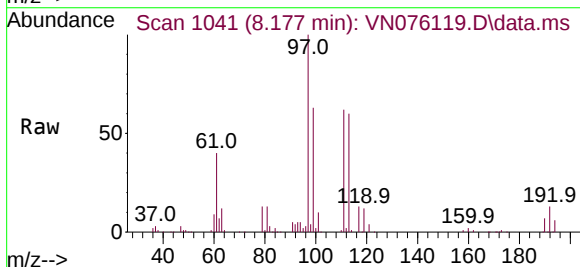
Tgt Ion: 97 Resp: 256085

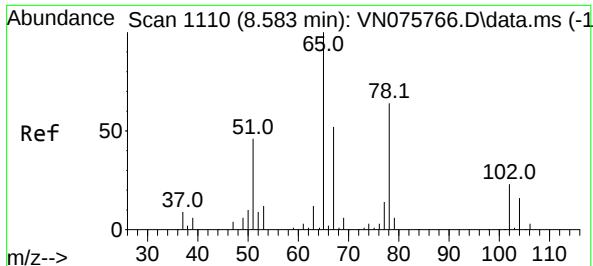
Ion Ratio Lower Upper

97 100

99 63.1 50.2 75.2

61 43.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.390 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

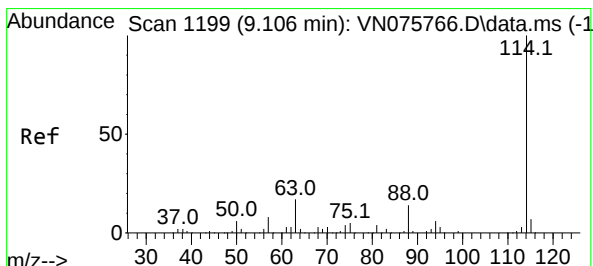
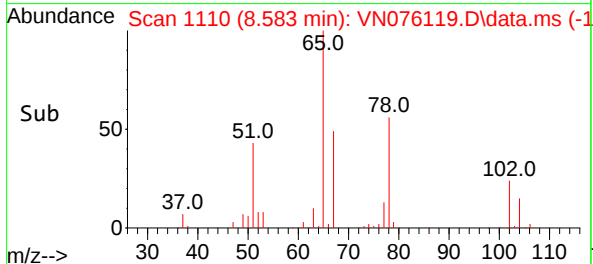
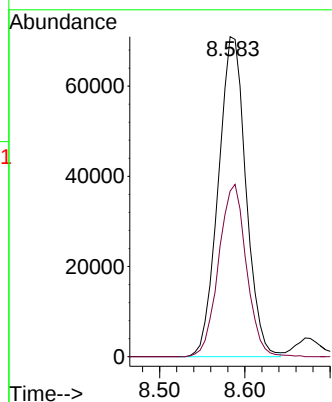
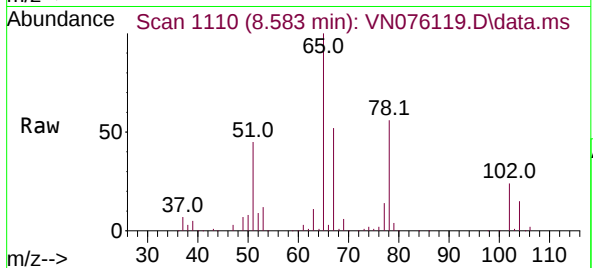
VSTDCCC050EC

Tgt Ion: 65 Resp: 159962

Ion Ratio Lower Upper

65 100

67 54.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

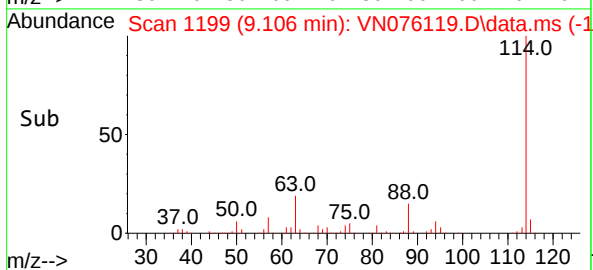
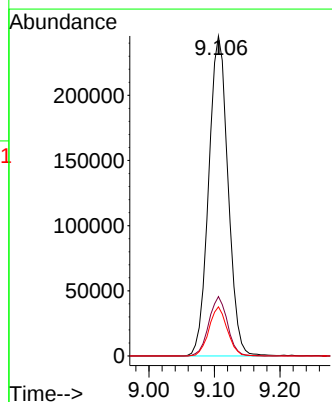
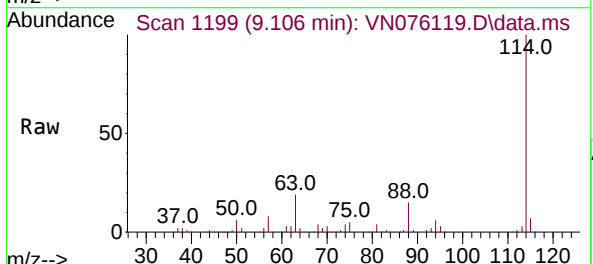
Tgt Ion: 114 Resp: 502610

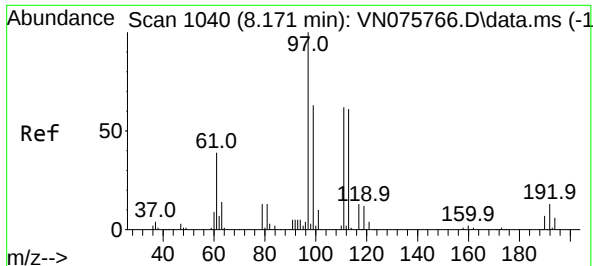
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.4

88 15.3 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.111 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

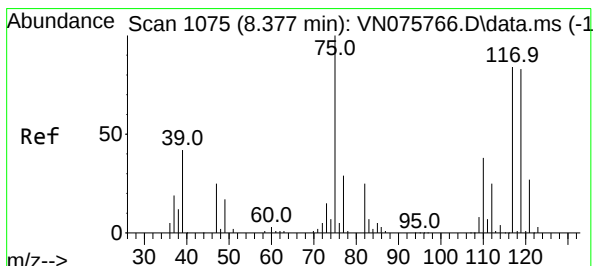
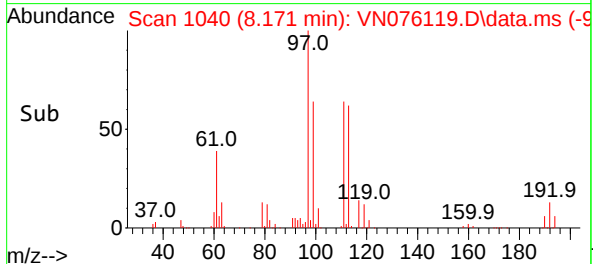
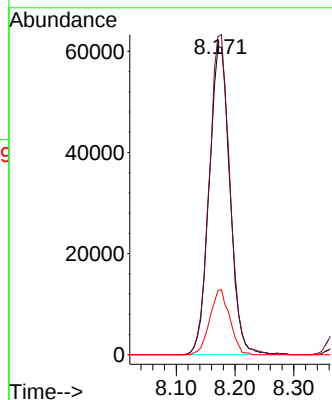
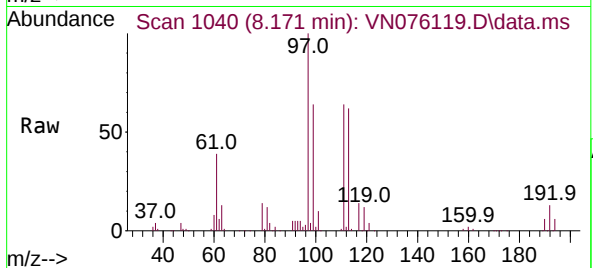
Tgt Ion:113 Resp: 149750

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 20.2 16.1 24.1



#36

1,1-Dichloropropene

Concen: 48.170 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

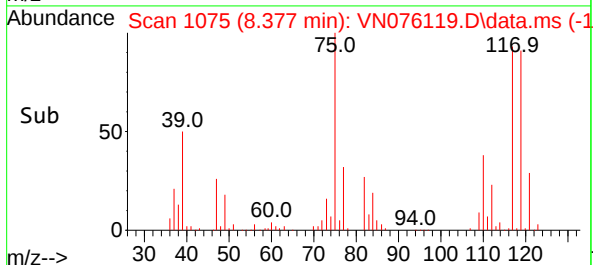
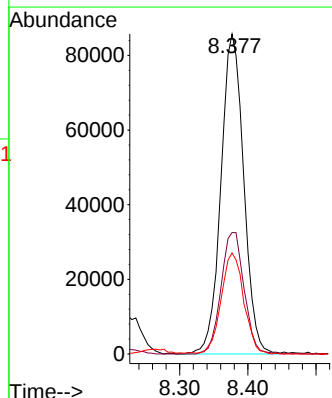
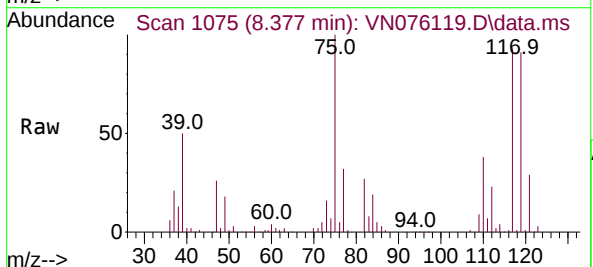
Tgt Ion: 75 Resp: 199172

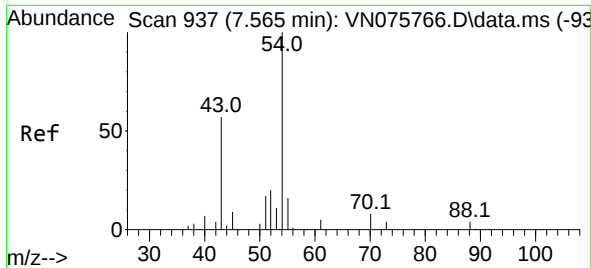
Ion Ratio Lower Upper

75 100

110 38.4 18.8 56.4

77 31.5 24.1 36.1

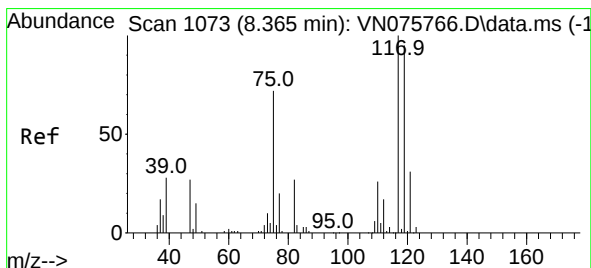
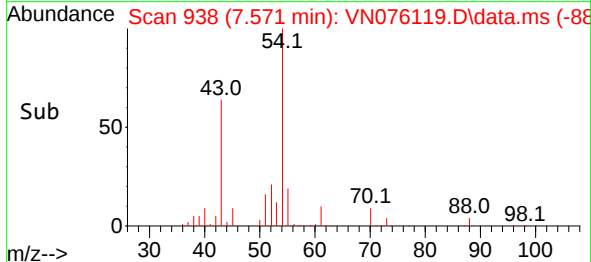
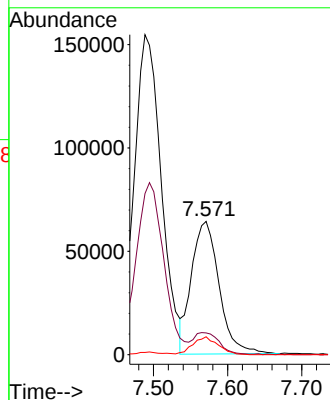
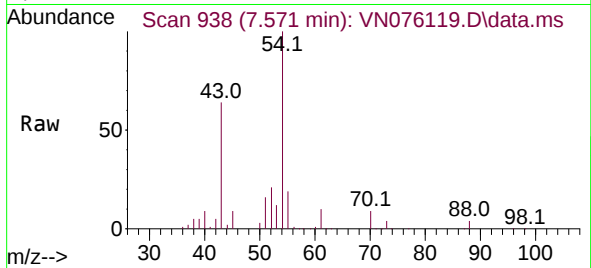




#37
Ethyl Acetate
Concen: 50.085 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

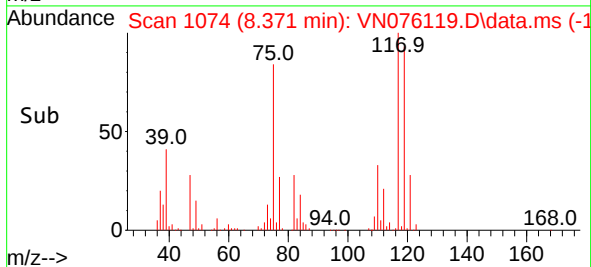
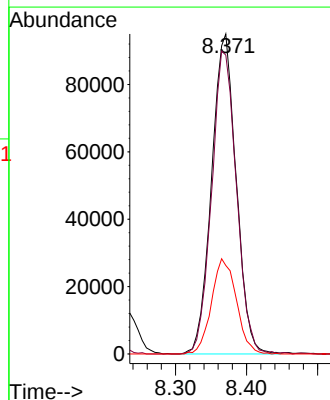
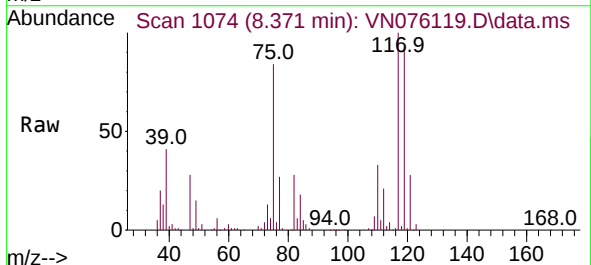
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

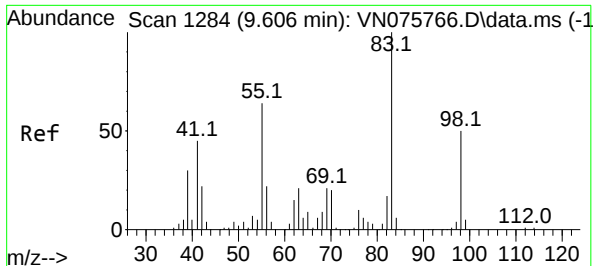
Tgt Ion: 43 Resp: 166342
Ion Ratio Lower Upper
43 100
61 15.7 13.0 19.4
70 12.3 9.4 14.0



#38
Carbon Tetrachloride
Concen: 49.282 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 117 Resp: 228066
Ion Ratio Lower Upper
117 100
119 93.4 76.1 114.1
121 27.7 24.5 36.7

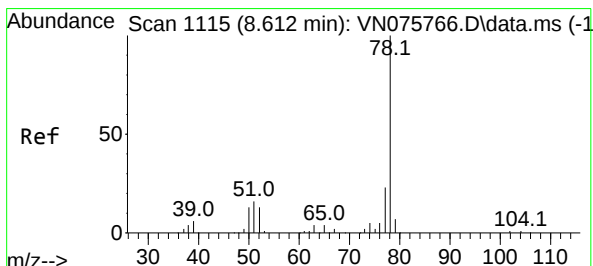
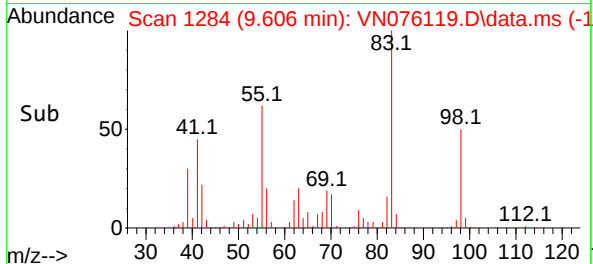
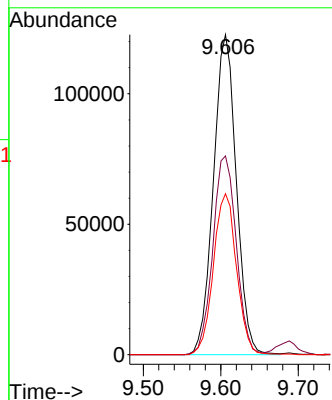
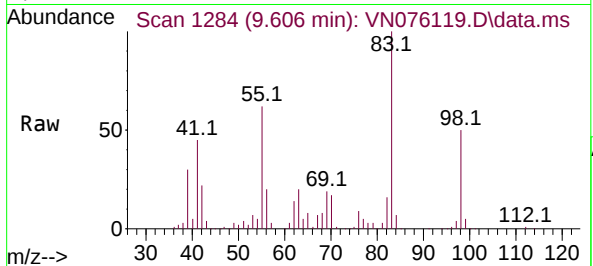




#39
Methylcyclohexane
Concen: 50.491 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

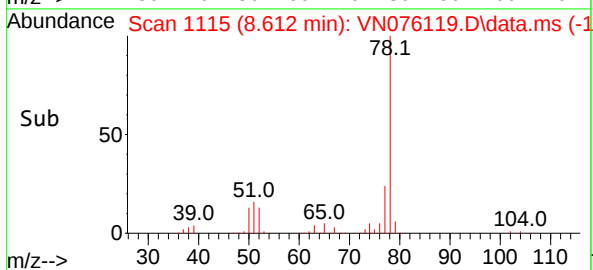
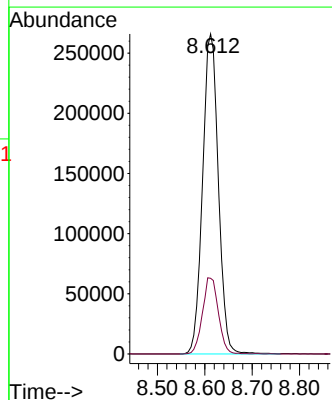
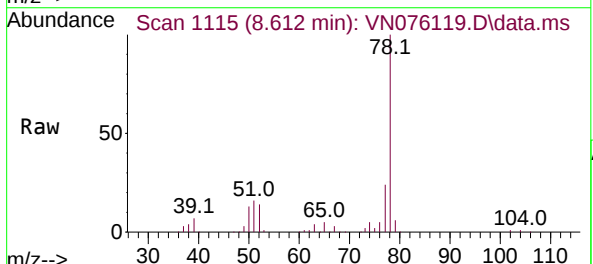
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

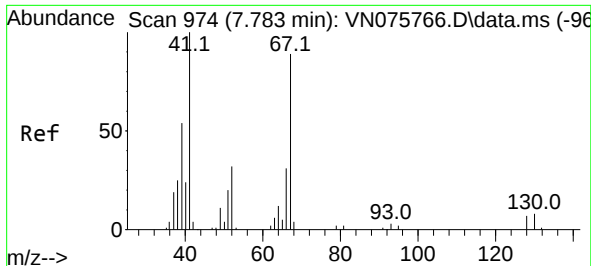
Tgt Ion: 83 Resp: 251863
Ion Ratio Lower Upper
83 100
55 62.1 51.4 77.0
98 50.3 39.8 59.8



#40
Benzene
Concen: 48.215 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 78 Resp: 615089
Ion Ratio Lower Upper
78 100
77 23.7 18.5 27.7

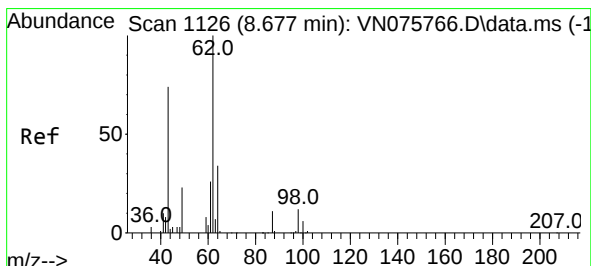
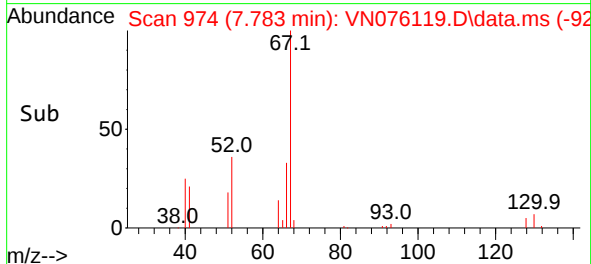
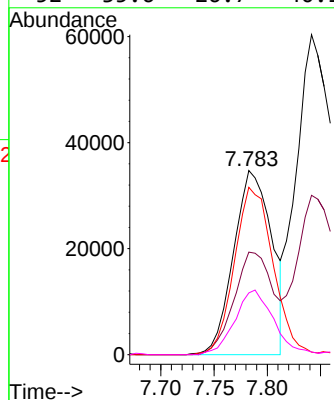
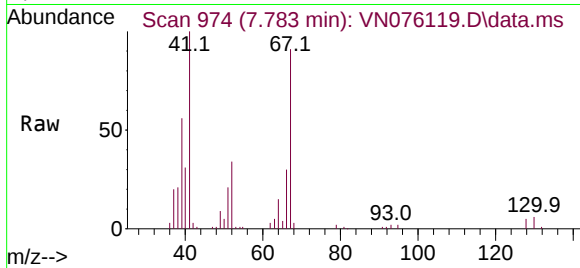




#41
Methacrylonitrile
Concen: 50.248 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

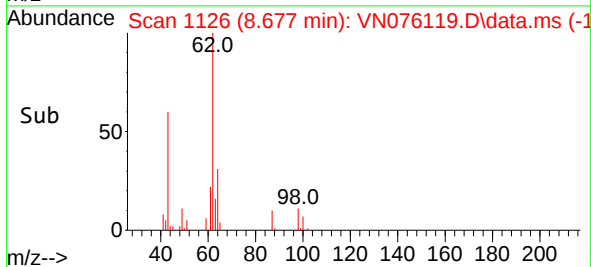
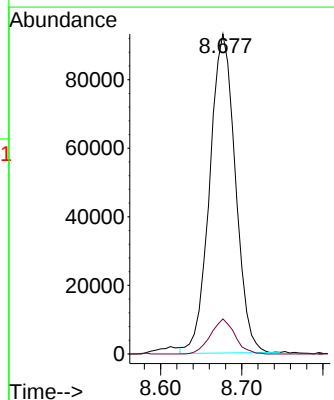
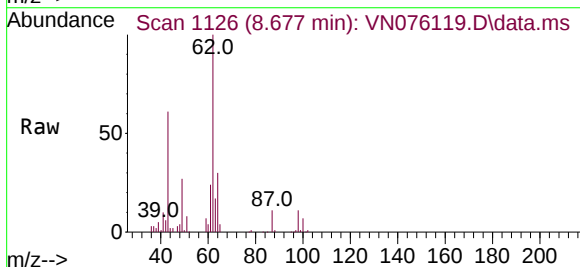
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

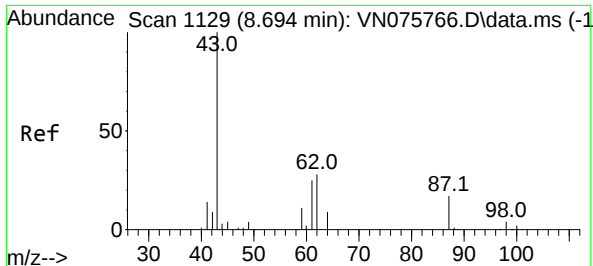
Tgt Ion:	41	Resp:	86746
Ion	Ratio	Lower	Upper
41	100		
39	56.6	43.1	64.7
67	91.9	70.7	106.1
52	35.6	26.7	40.1



#42
1,2-Dichloroethane
Concen: 48.266 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion:	62	Resp:	204705
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8

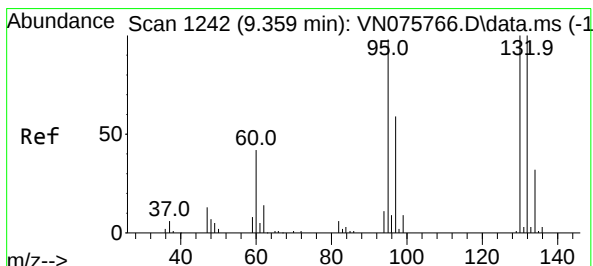
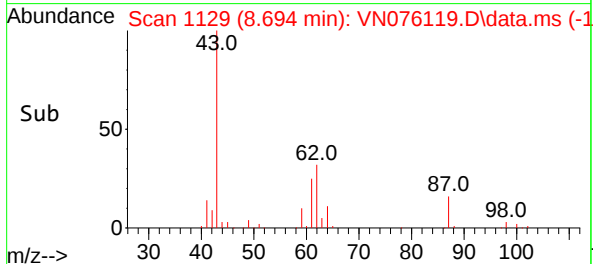
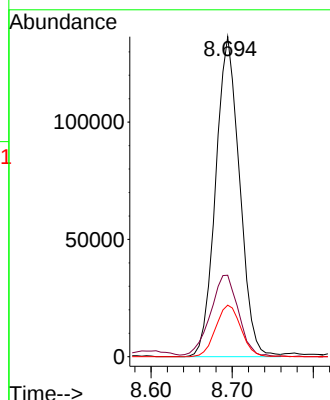
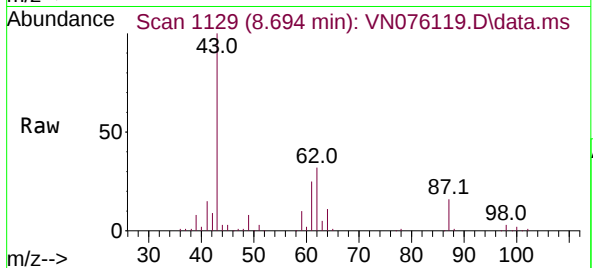




#43
Isopropyl Acetate
Concen: 51.085 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

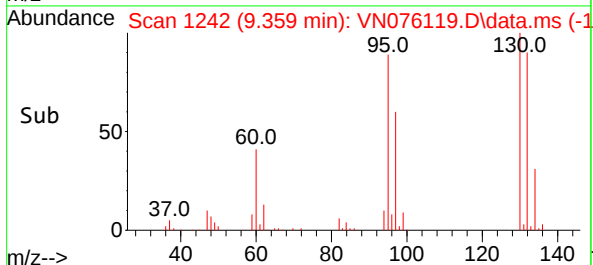
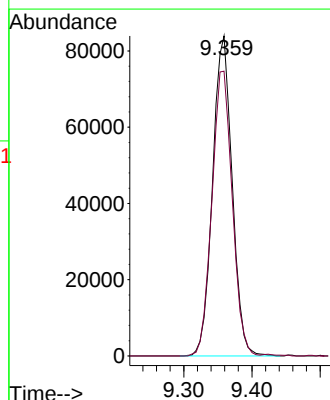
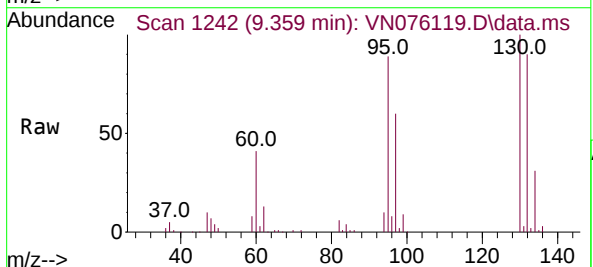
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

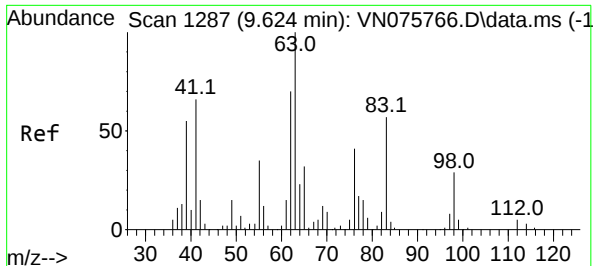
Tgt Ion: 43 Resp: 279876
Ion Ratio Lower Upper
43 100
61 30.1 24.2 36.4
87 16.9 13.3 19.9



#44
Trichloroethene
Concen: 46.632 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion:130 Resp: 167593
Ion Ratio Lower Upper
130 100
95 89.0 0.0 195.4





#45

1,2-Dichloropropane

Concen: 47.837 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

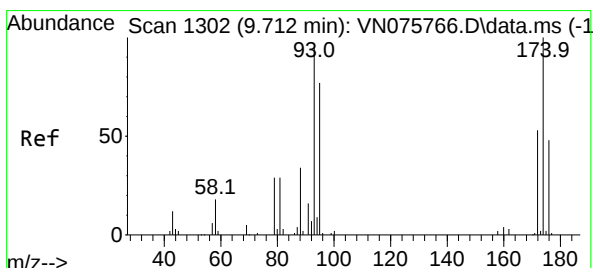
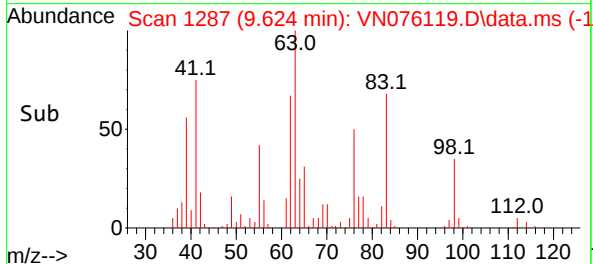
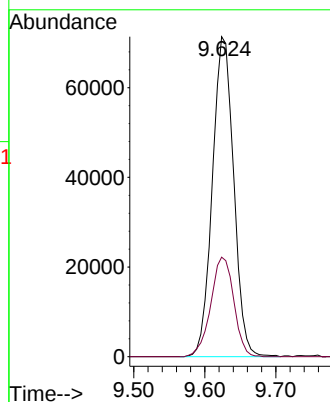
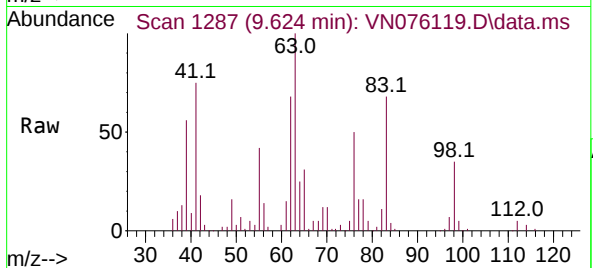
VSTDCCC050EC

Tgt Ion: 63 Resp: 148504

Ion Ratio Lower Upper

63 100

65 31.1 25.7 38.5



#46

Dibromomethane

Concen: 48.352 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

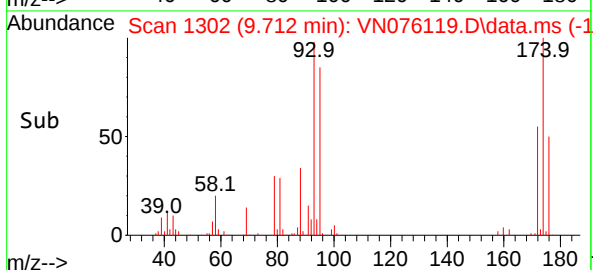
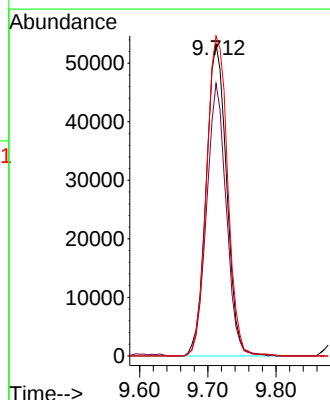
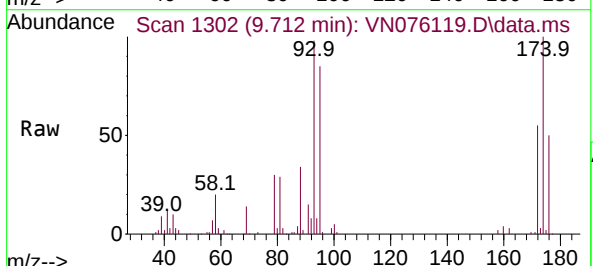
Tgt Ion: 93 Resp: 111332

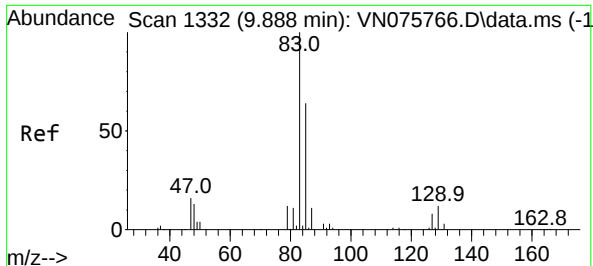
Ion Ratio Lower Upper

93 100

95 83.7 65.2 97.8

174 105.3 82.4 123.6

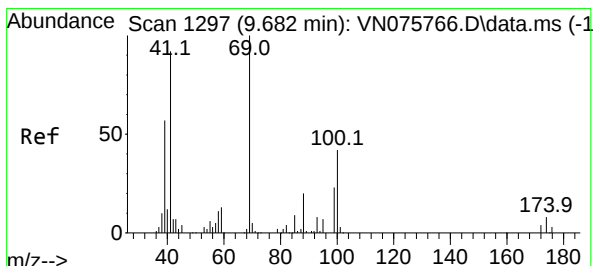
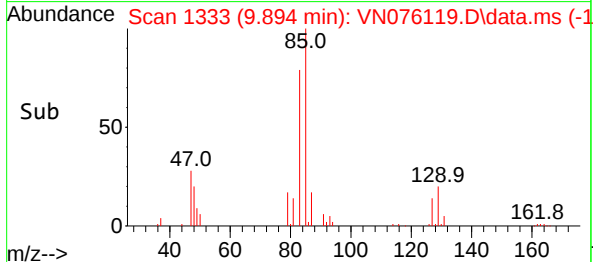
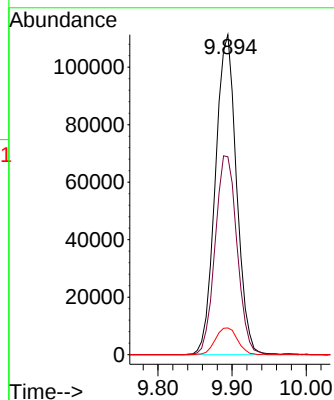
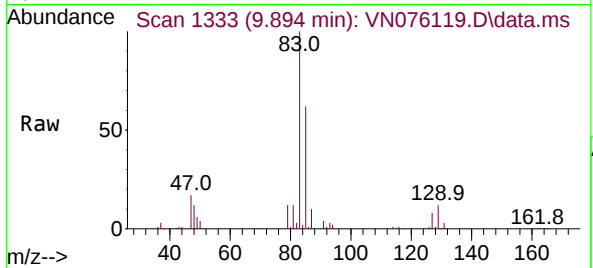




#47
Bromodichloromethane
Concen: 48.944 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

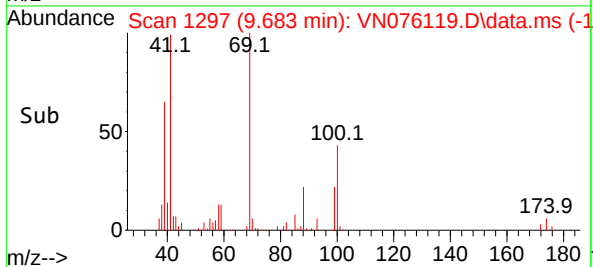
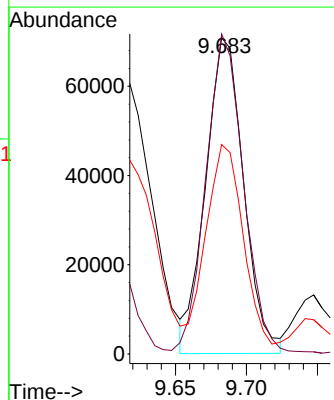
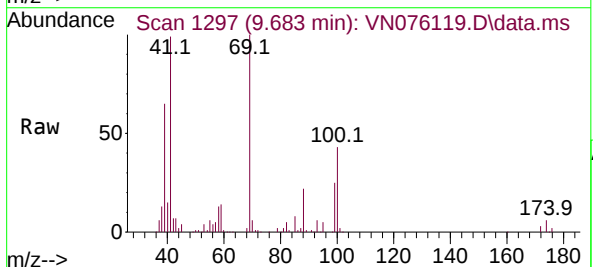
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

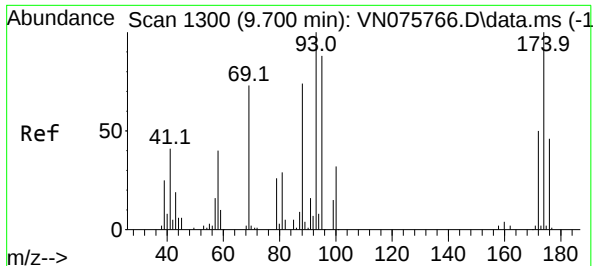
Tgt Ion: 83 Resp: 220999
Ion Ratio Lower Upper
83 100
85 61.9 51.5 77.3
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 53.364 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 41 Resp: 131677
Ion Ratio Lower Upper
41 100
69 101.1 81.9 122.9
39 66.8 51.6 77.4





#49

1,4-Dioxane

Concen: 1026.202 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

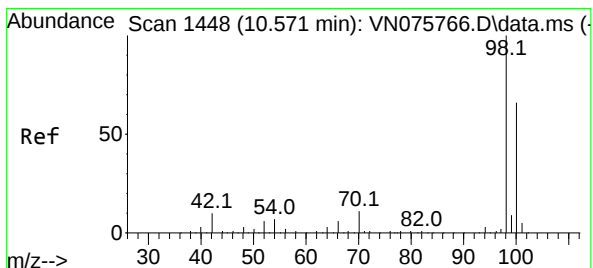
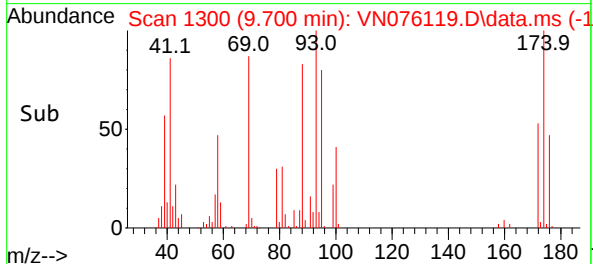
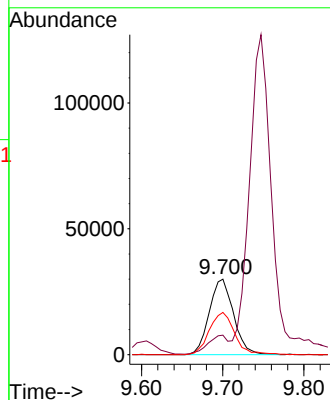
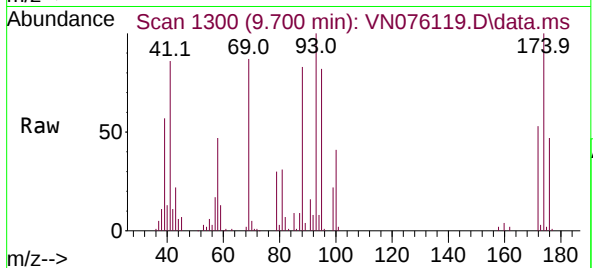
Tgt Ion: 88 Resp: 62252

Ion Ratio Lower Upper

88 100

43 20.6 17.1 25.7

58 58.9 47.8 71.8



#50

Toluene-d8

Concen: 46.902 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076119.D

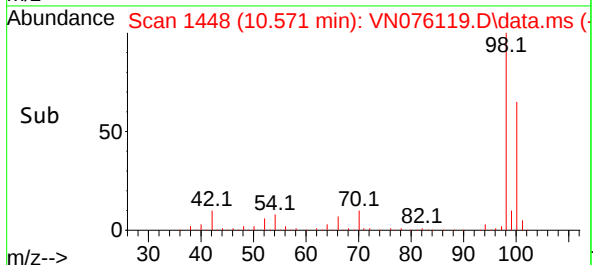
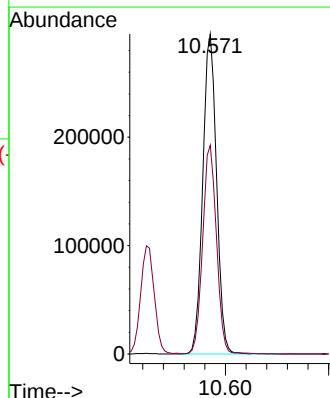
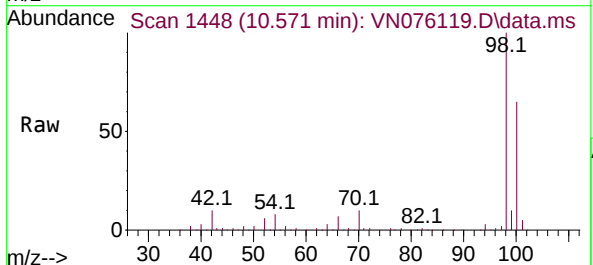
Acq: 05 Jan 2023 19:16

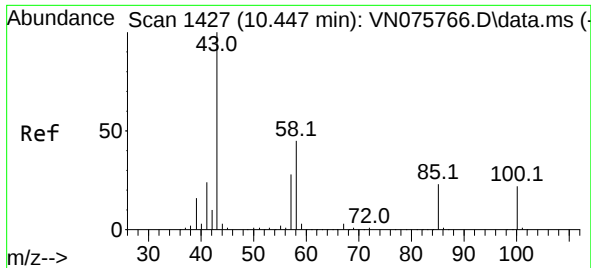
Tgt Ion: 98 Resp: 545827

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1

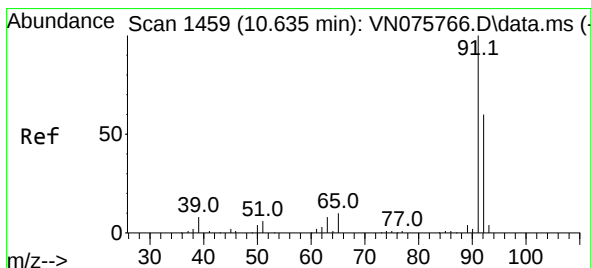
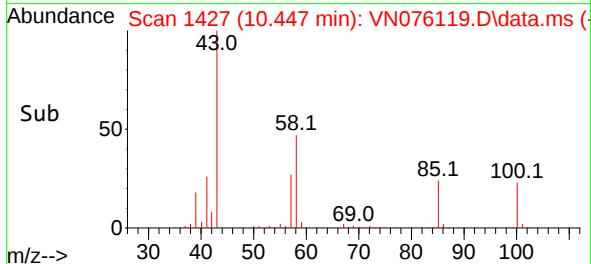
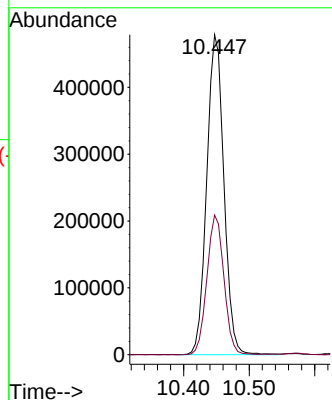
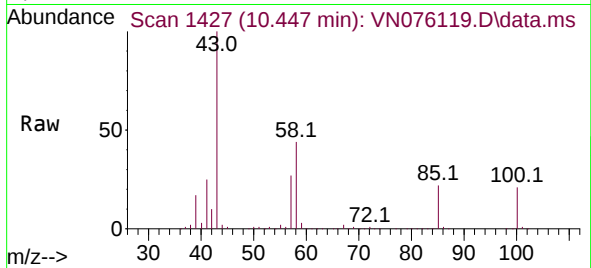




#51
4-Methyl-2-Pentanone
Concen: 263.210 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

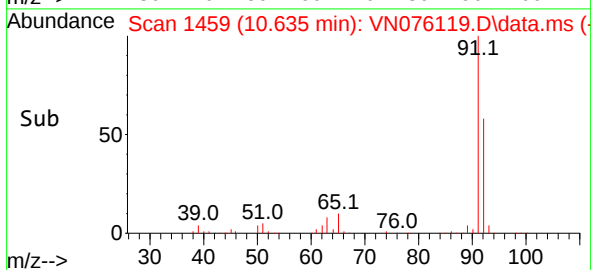
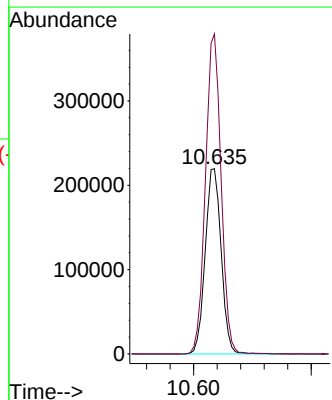
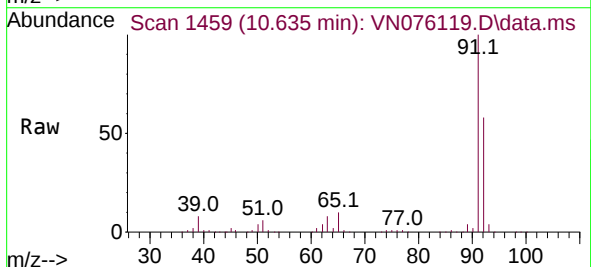
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

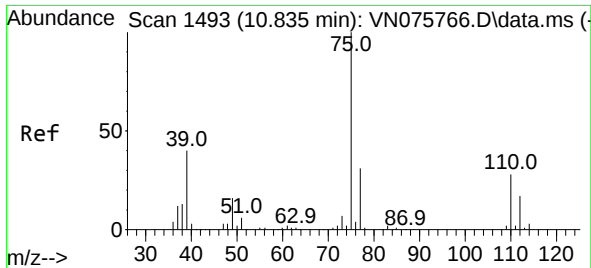
Tgt Ion: 43 Resp: 872076
Ion Ratio Lower Upper
43 100
58 43.3 35.5 53.3



#52
Toluene
Concen: 49.590 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 92 Resp: 412014
Ion Ratio Lower Upper
92 100
91 169.5 137.3 205.9

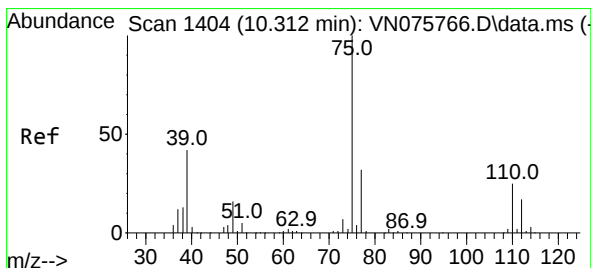
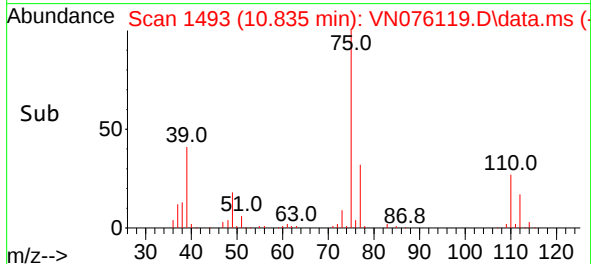
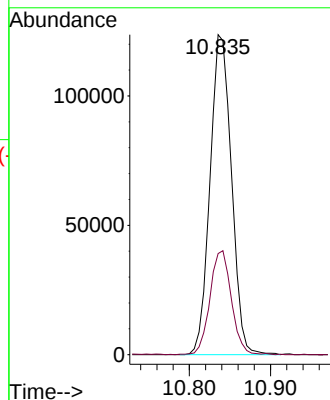
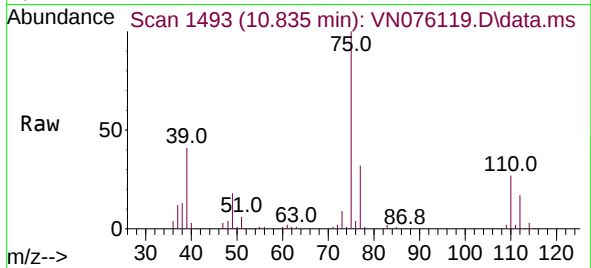




#53
t-1,3-Dichloropropene
Concen: 51.317 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

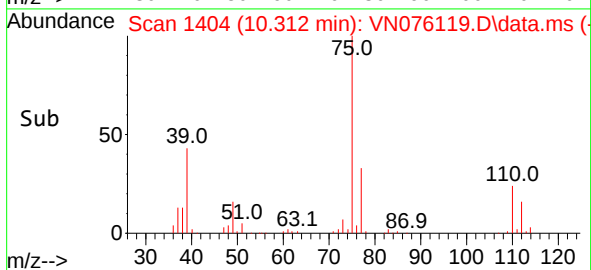
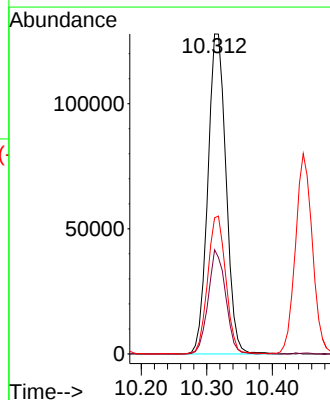
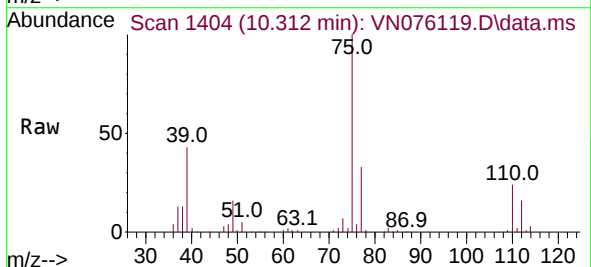
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

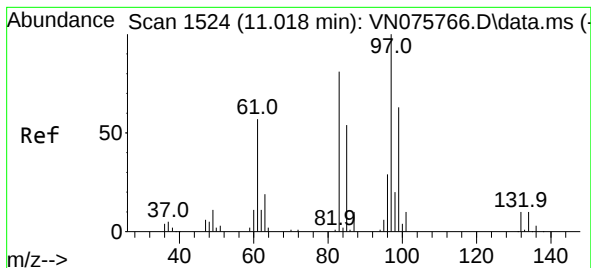
Tgt Ion: 75 Resp: 226825
Ion Ratio Lower Upper
75 100
77 31.5 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 50.855 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 75 Resp: 246799
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
39 42.6 33.4 50.2





#55

1,1,2-Trichloroethane

Concen: 49.864 ug/l

RT: 11.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 162610

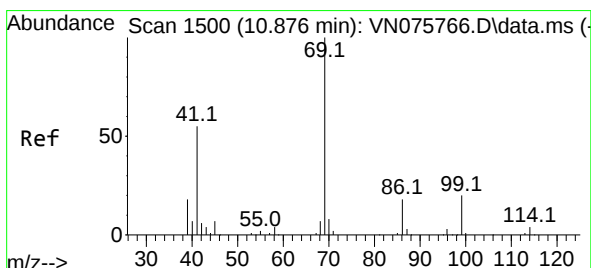
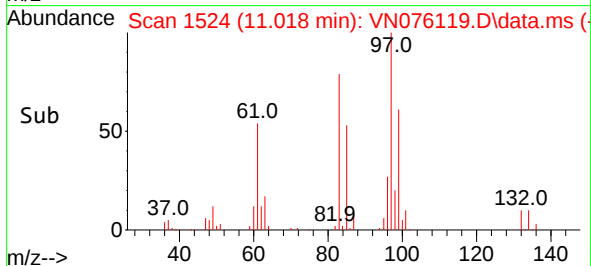
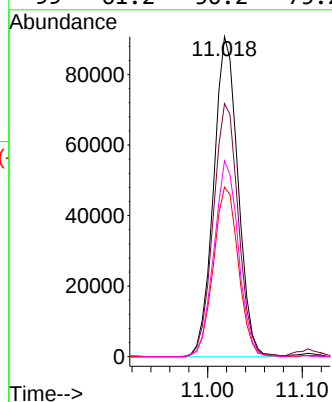
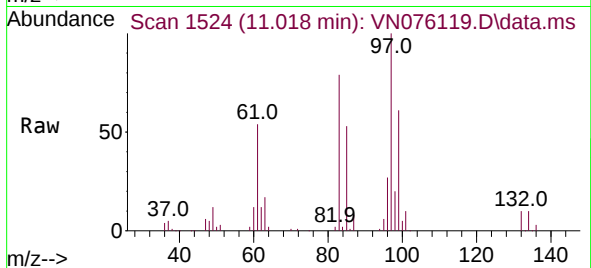
Ion Ratio Lower Upper

97 100

83 79.0 65.0 97.4

85 53.0 43.0 64.6

99 61.2 50.2 75.2



#56

Ethyl methacrylate

Concen: 53.400 ug/l

RT: 10.877 min Scan# 1500

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

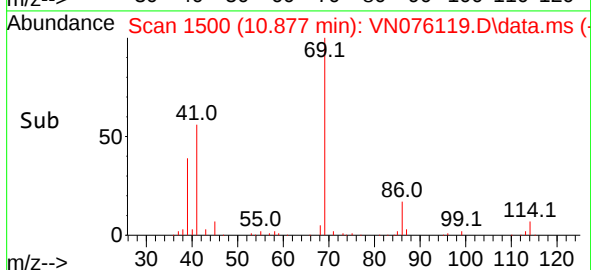
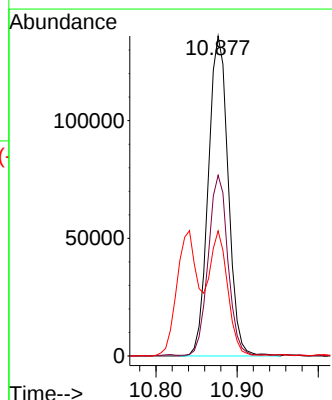
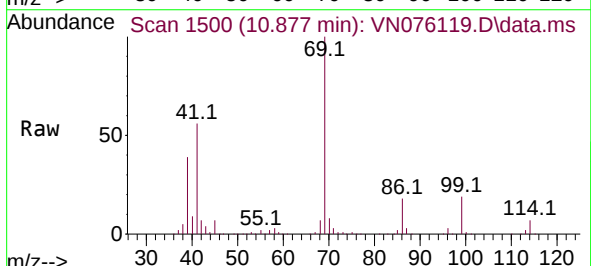
Tgt Ion: 69 Resp: 231308

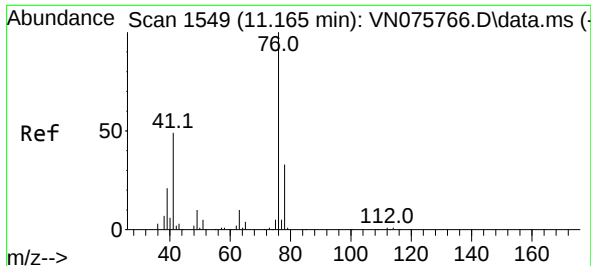
Ion Ratio Lower Upper

69 100

41 55.6 44.2 66.4

39 34.8 26.4 39.6





#57

1,3-Dichloropropane

Concen: 49.589 ug/l

RT: 11.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

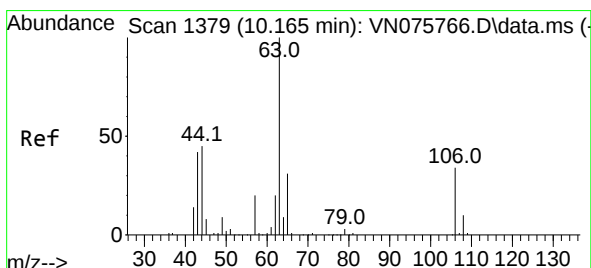
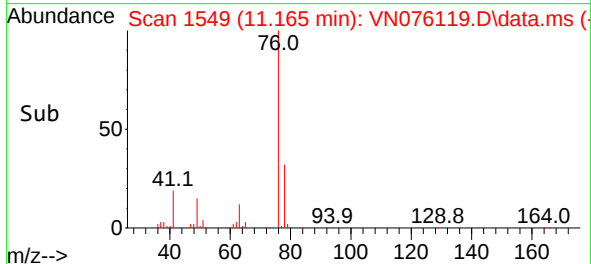
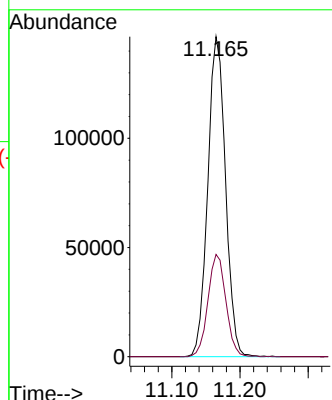
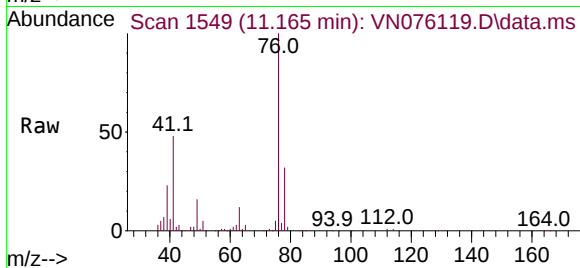
VSTDCCC050EC

Tgt Ion: 76 Resp: 265263

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 245.375 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN076119.D

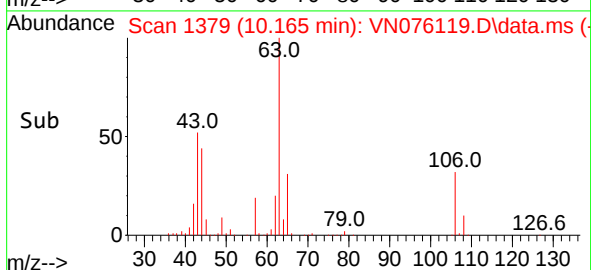
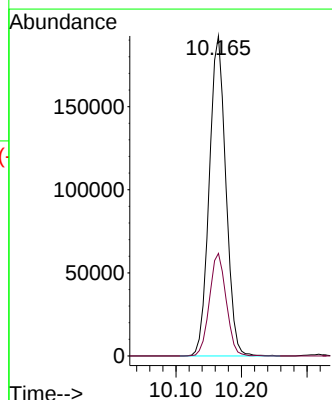
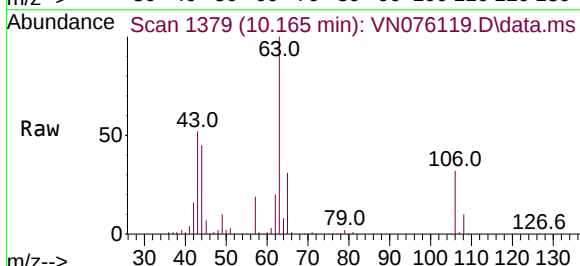
Acq: 05 Jan 2023 19:16

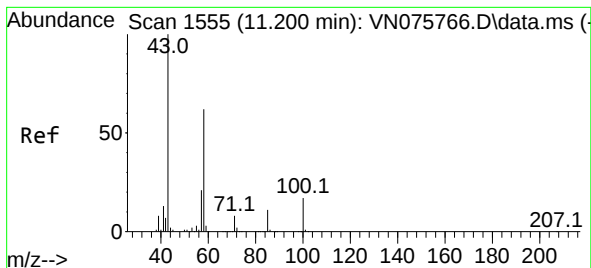
Tgt Ion: 63 Resp: 338399

Ion Ratio Lower Upper

63 100

106 32.2 26.4 39.6





#59

2-Hexanone

Concen: 265.567 ug/l

RT: 11.200 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

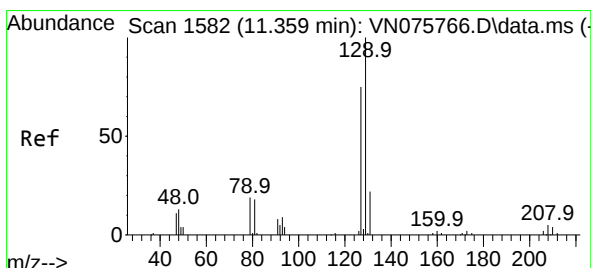
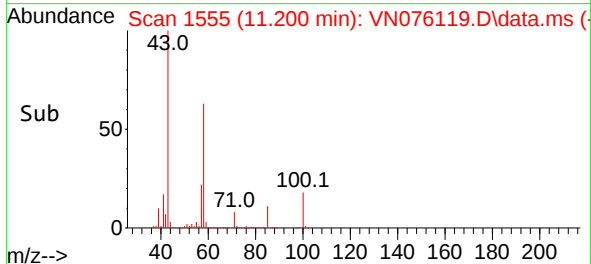
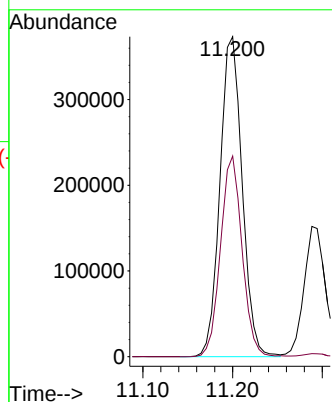
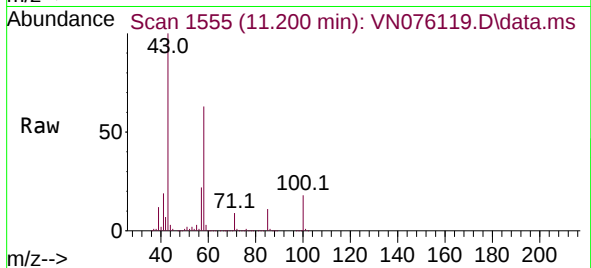
VSTDCCC050EC

Tgt Ion: 43 Resp: 641673

Ion Ratio Lower Upper

43 100

58 60.9 30.6 92.0



#60

Dibromochloromethane

Concen: 50.773 ug/l

RT: 11.365 min Scan# 1583

Delta R.T. 0.006 min

Lab File: VN076119.D

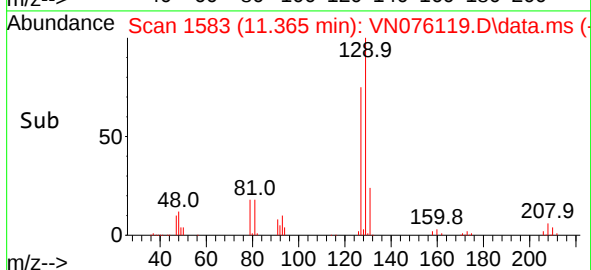
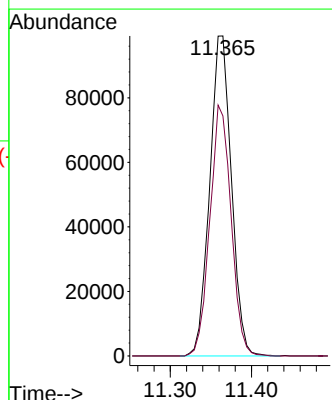
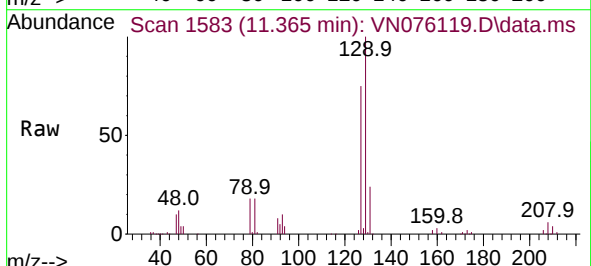
Acq: 05 Jan 2023 19:16

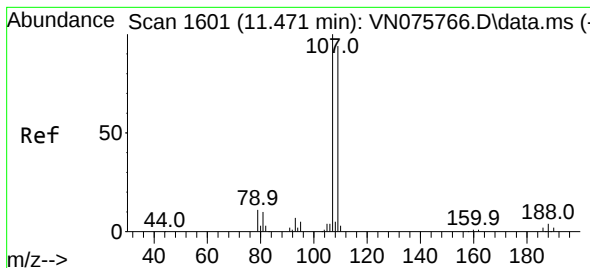
Tgt Ion: 129 Resp: 184135

Ion Ratio Lower Upper

129 100

127 76.6 38.3 114.9





#61

1,2-Dibromoethane

Concen: 50.384 ug/l

RT: 11.471 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

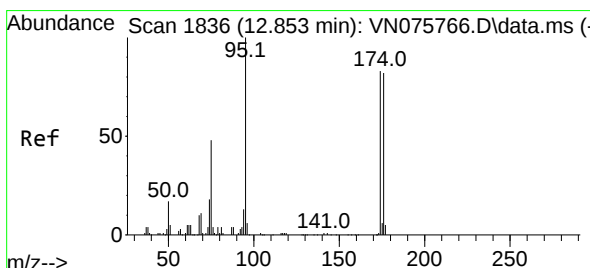
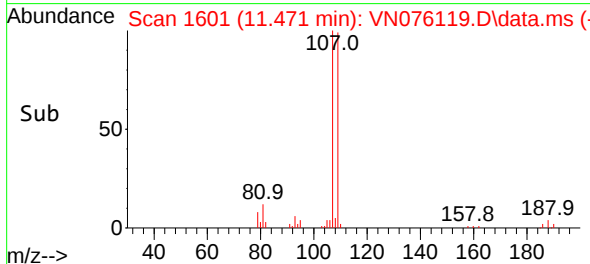
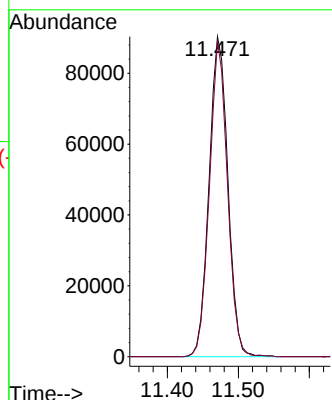
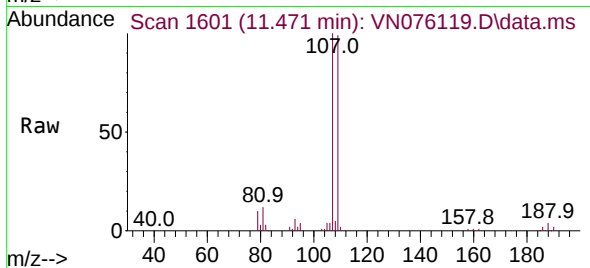
VSTDCCC050EC

Tgt Ion:107 Resp: 166275

Ion Ratio Lower Upper

107 100

109 94.5 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 49.292 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

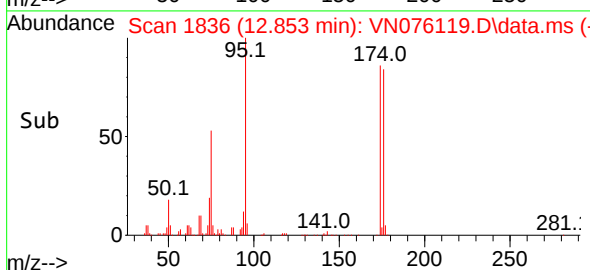
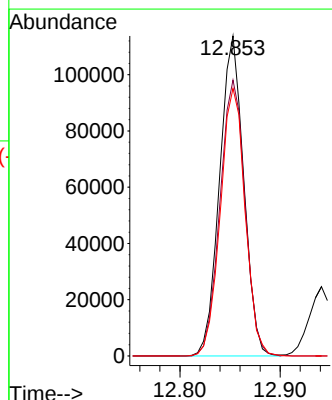
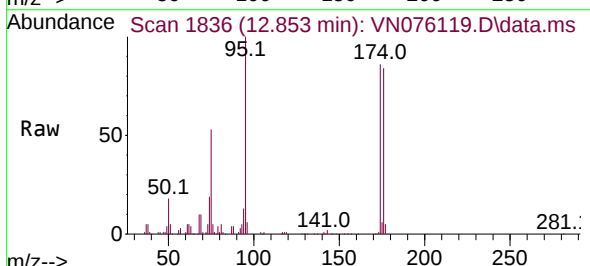
Tgt Ion: 95 Resp: 189997

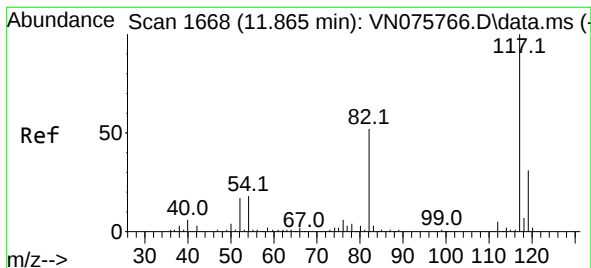
Ion Ratio Lower Upper

95 100

174 89.2 0.0 171.6

176 85.8 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

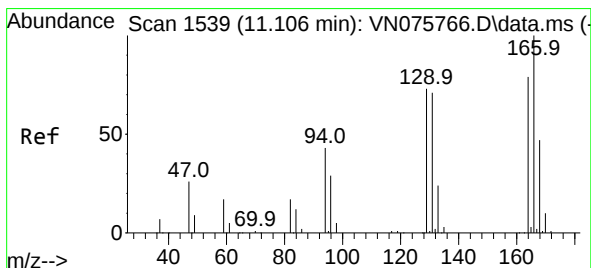
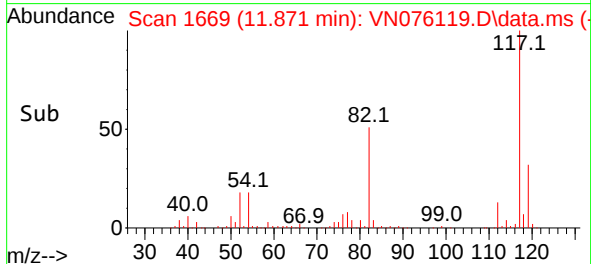
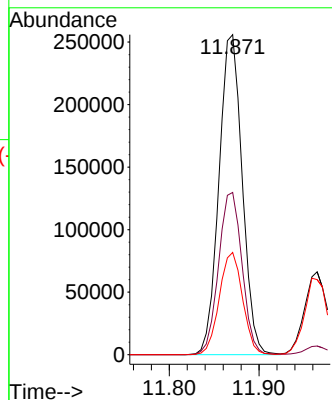
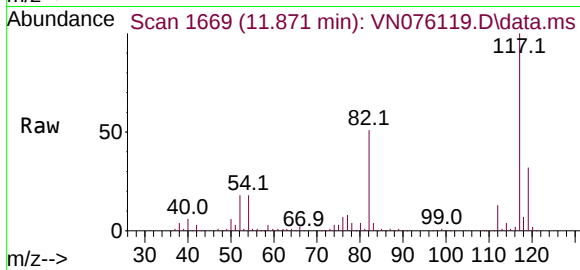
Tgt Ion:117 Resp: 460837

Ion Ratio Lower Upper

117 100

82 50.7 41.3 61.9

119 32.0 24.6 37.0



#64

Tetrachloroethene

Concen: 48.609 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Tgt Ion:164 Resp: 157630

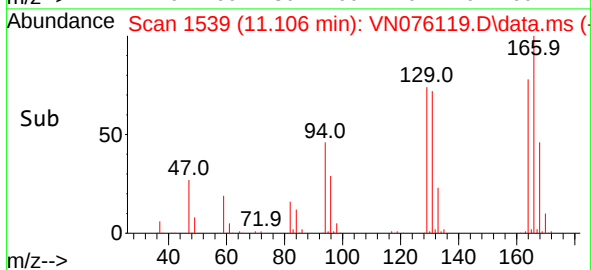
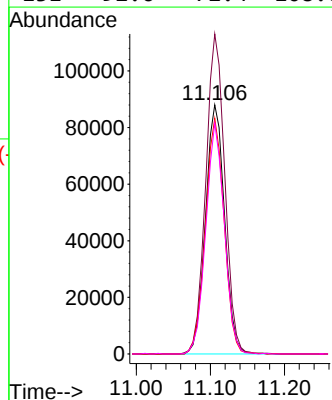
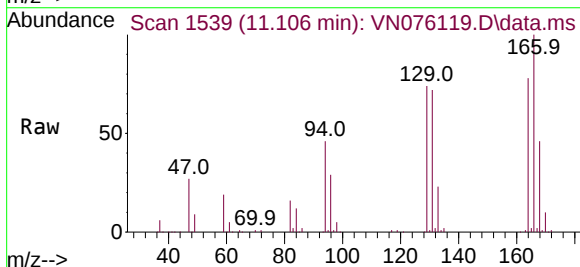
Ion Ratio Lower Upper

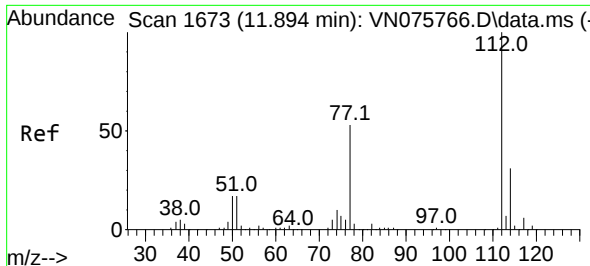
164 100

166 128.4 101.9 152.9

129 94.6 74.2 111.2

131 92.6 72.4 108.6

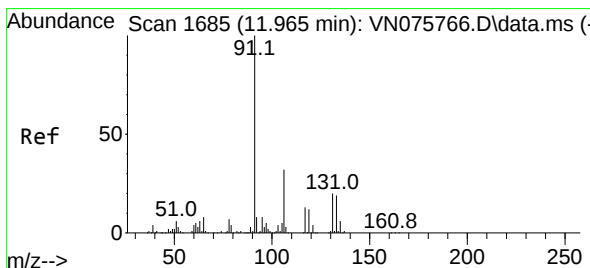
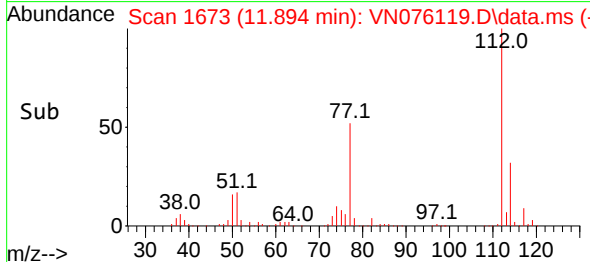
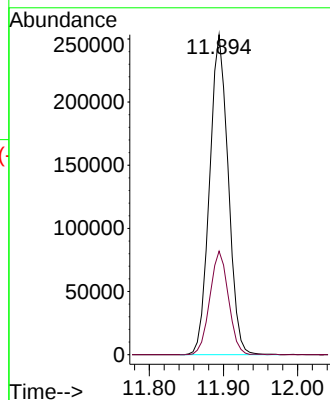
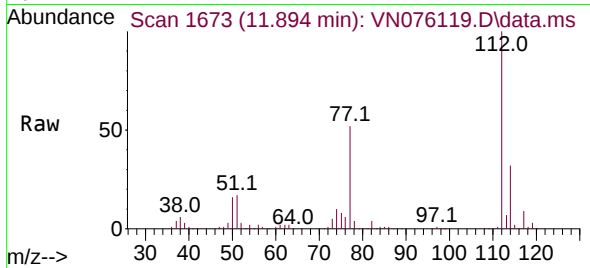




#65
Chlorobenzene
Concen: 46.660 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

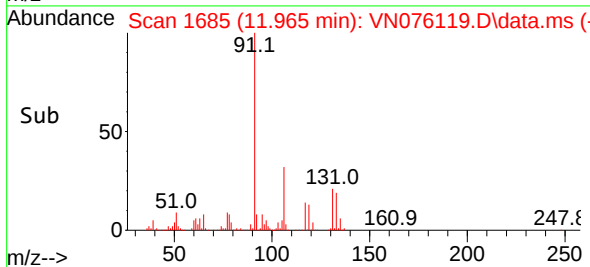
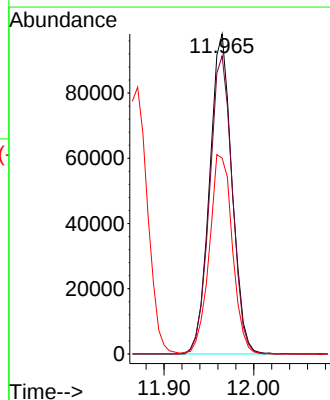
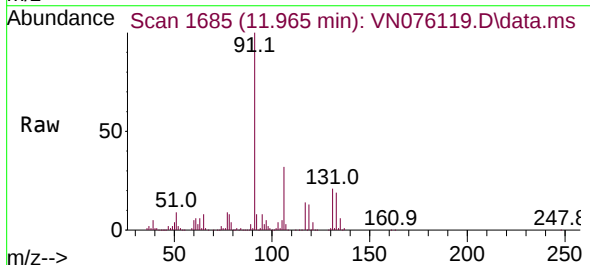
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

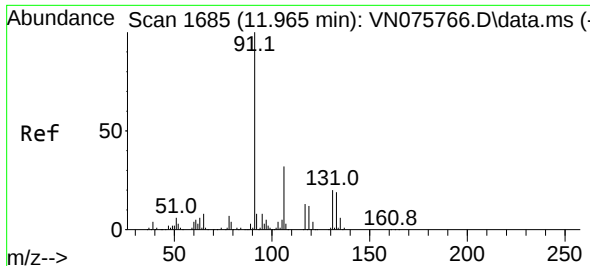
Tgt Ion:112 Resp: 441341
Ion Ratio Lower Upper
112 100
114 32.3 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.303 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion:131 Resp: 169225
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.5
119 64.3 31.9 95.7

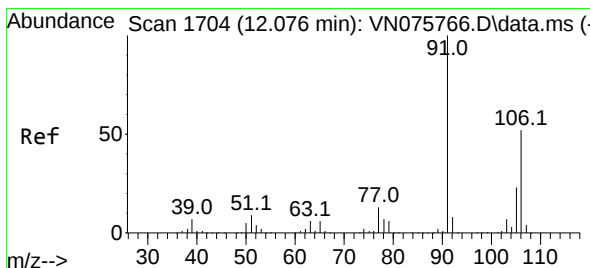
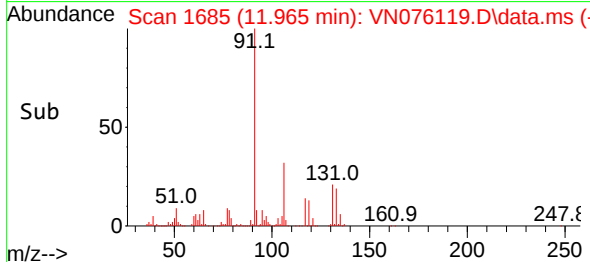
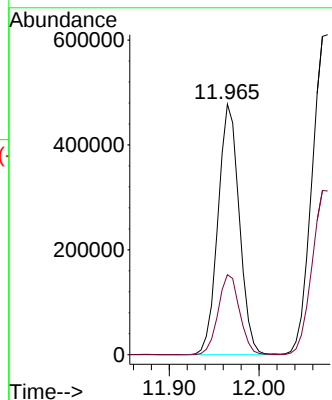
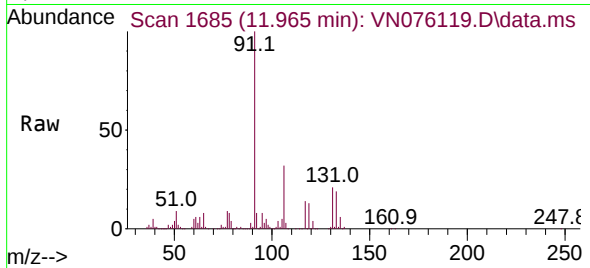




#67
Ethyl Benzene
Concen: 49.331 ug/l
RT: 11.965 min Scan# 1190
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

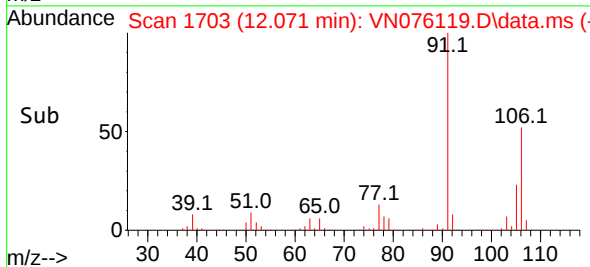
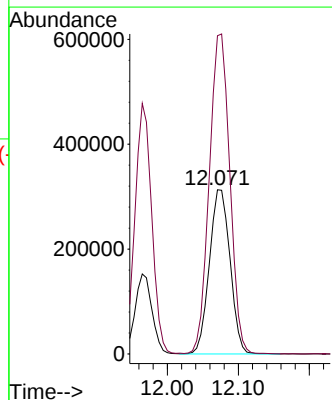
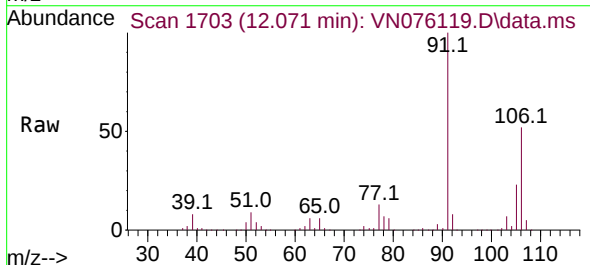
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

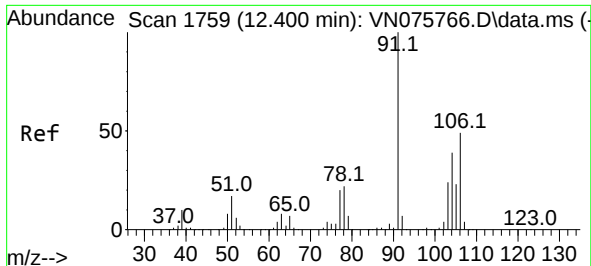
Tgt Ion: 91 Resp: 787500
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5



#68
m/p-Xylenes
Concen: 100.152 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion:106 Resp: 632798
Ion Ratio Lower Upper
106 100
91 193.9 156.6 235.0

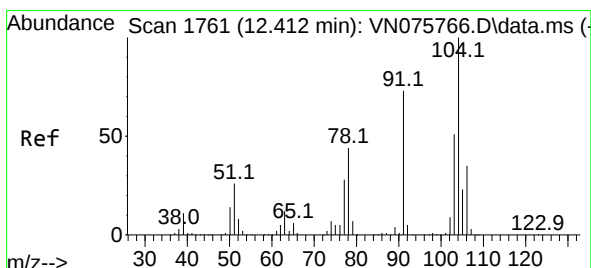
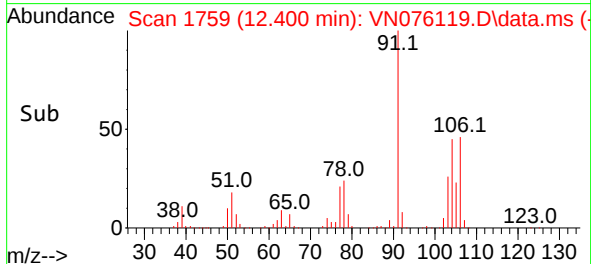
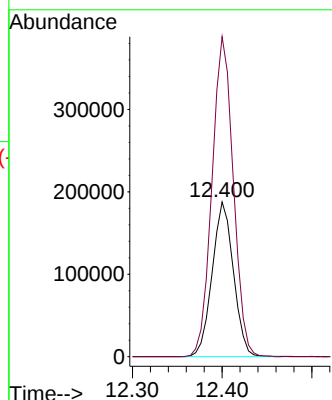
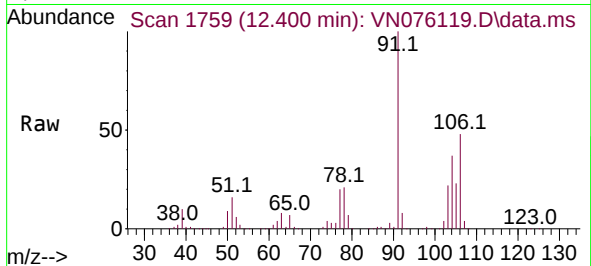




#69
o-Xylene
Concen: 49.394 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

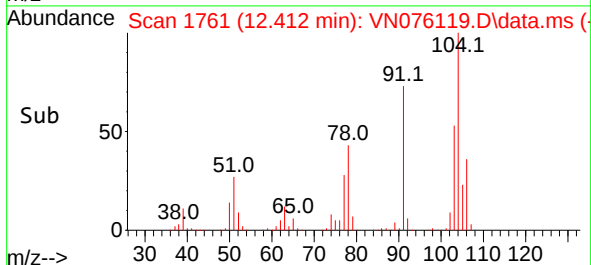
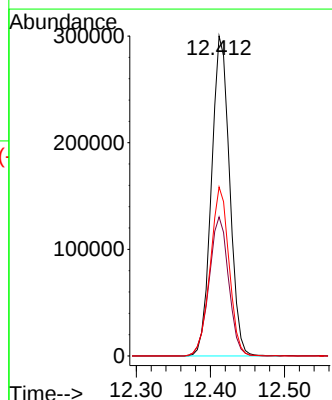
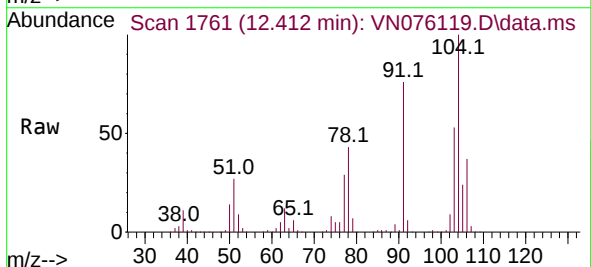
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

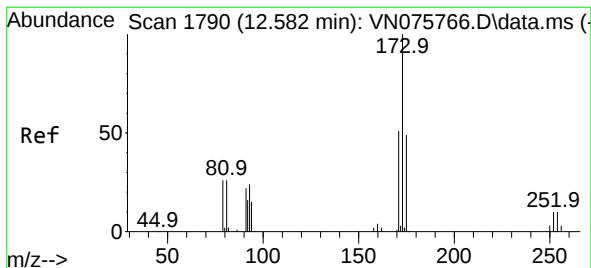
Tgt Ion:106 Resp: 308845
Ion Ratio Lower Upper
106 100
91 207.4 103.8 311.6



#70
Styrene
Concen: 51.315 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion:104 Resp: 510163
Ion Ratio Lower Upper
104 100
78 46.5 37.5 56.3
103 54.8 43.5 65.3





#71

Bromoform

Concen: 51.346 ug/l

RT: 12.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

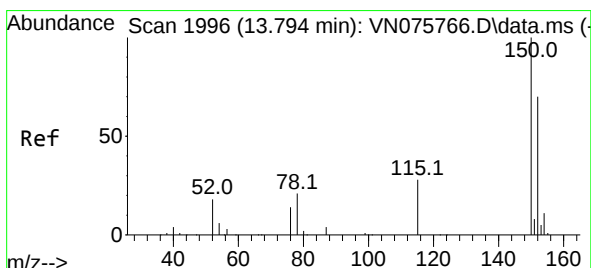
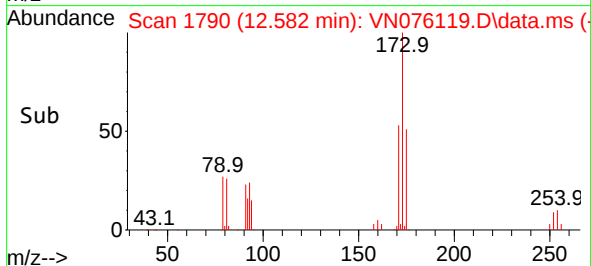
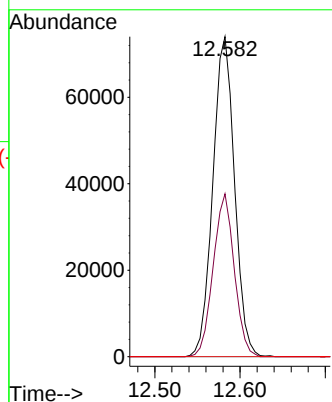
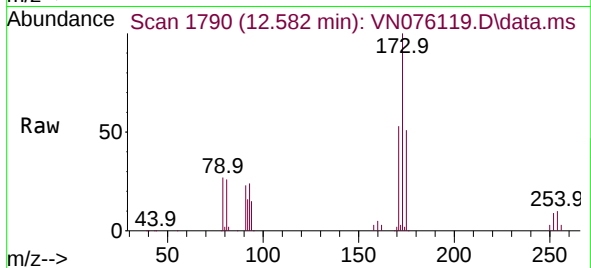
Tgt Ion:173 Resp: 130896

Ion Ratio Lower Upper

173 100

175 49.4 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

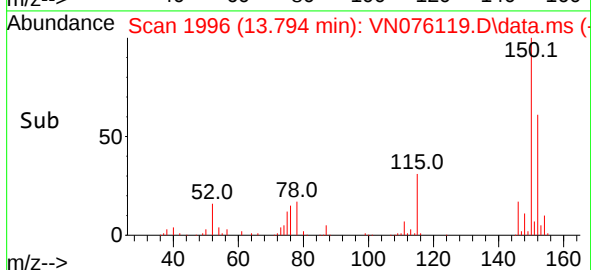
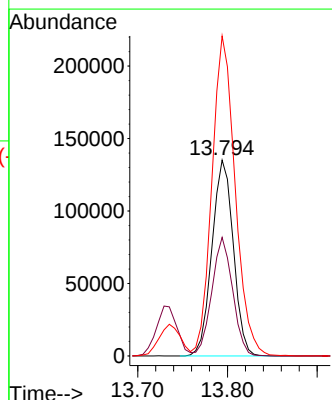
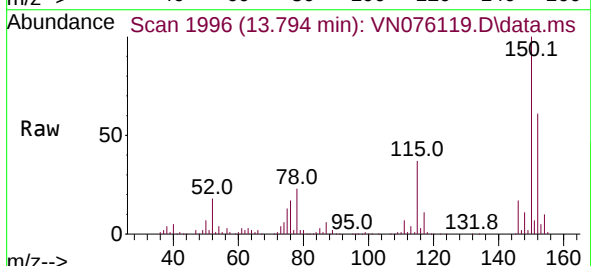
Tgt Ion:152 Resp: 223800

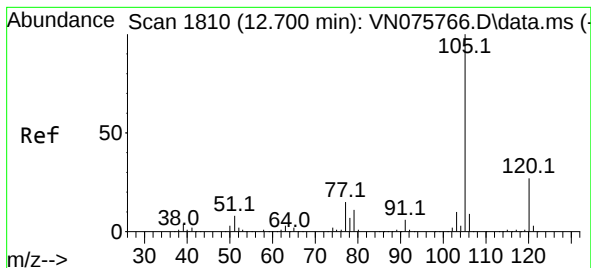
Ion Ratio Lower Upper

152 100

115 59.0 29.1 87.4

150 177.4 0.0 347.0





#73

Isopropylbenzene

Concen: 50.250 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

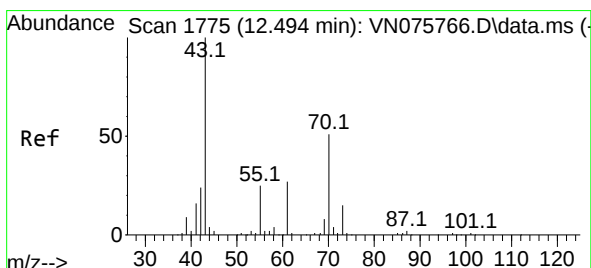
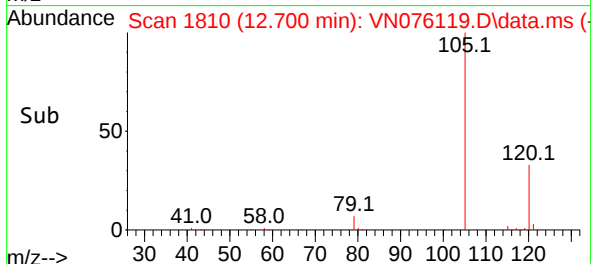
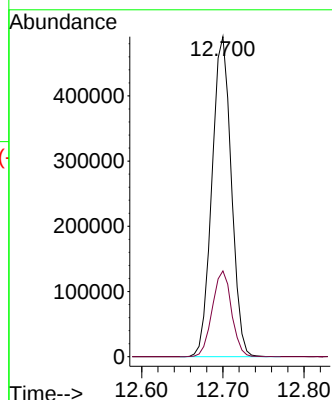
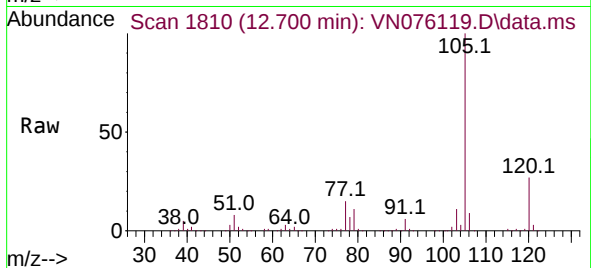
VSTDCCC050EC

Tgt Ion:105 Resp: 812675

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



#74

N-ethyl acetate

Concen: 53.414 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Tgt Ion: 43 Resp: 253427

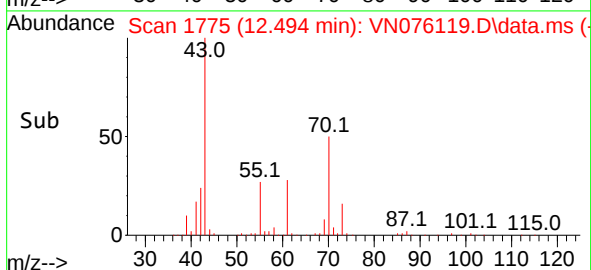
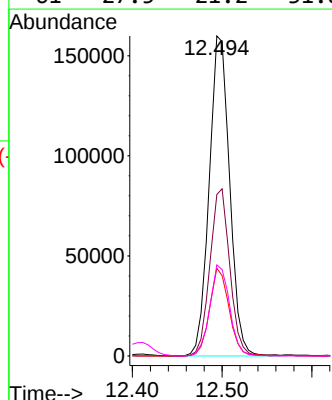
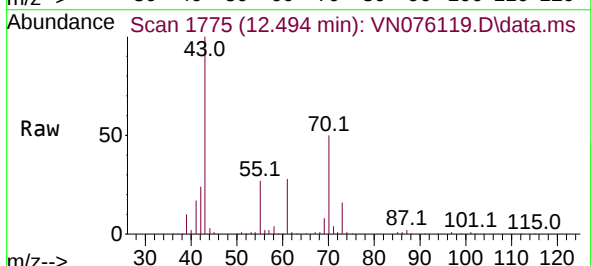
Ion Ratio Lower Upper

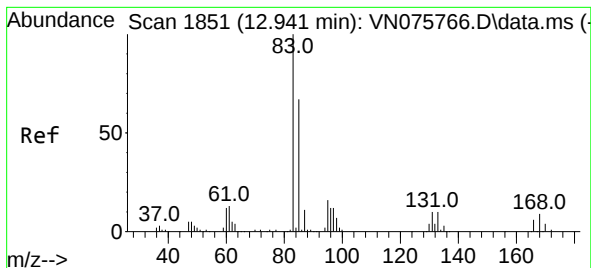
43 100

70 51.0 41.4 62.0

55 26.1 21.3 31.9

61 27.5 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.107 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

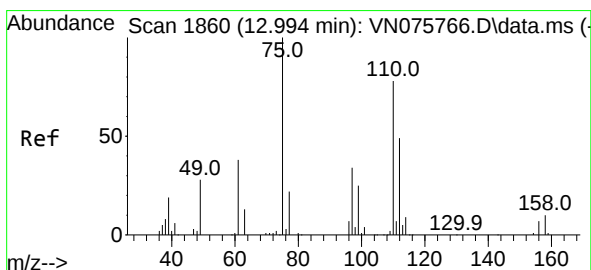
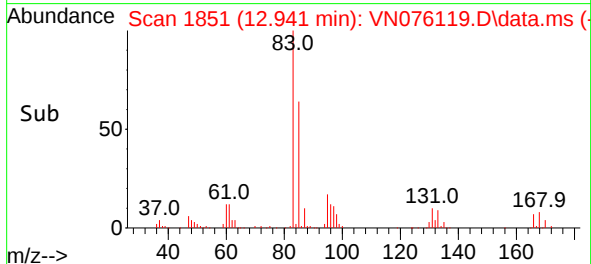
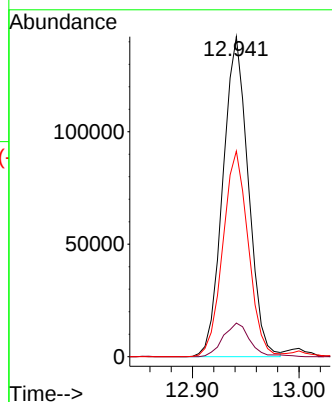
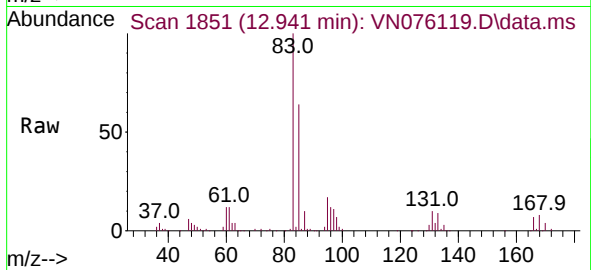
Tgt Ion: 83 Resp: 235516

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

85 64.4 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 62.297 ug/l

RT: 13.000 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VN076119.D

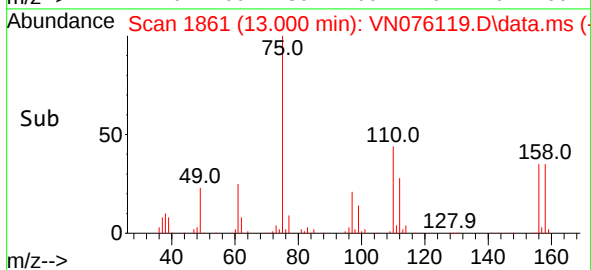
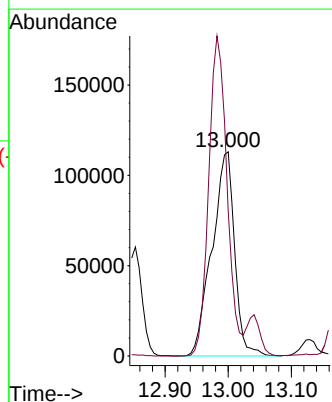
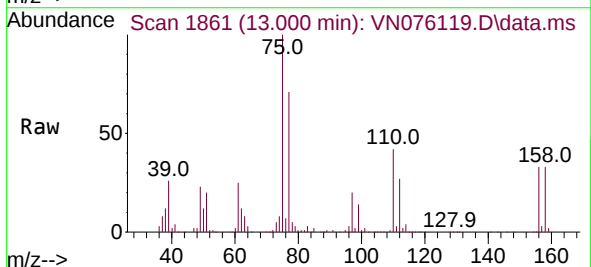
Acq: 05 Jan 2023 19:16

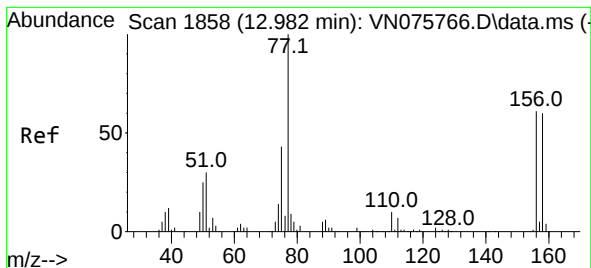
Tgt Ion: 75 Resp: 281038

Ion Ratio Lower Upper

75 100

77 127.2 82.6 247.8





#77

Bromobenzene

Concen: 47.551 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

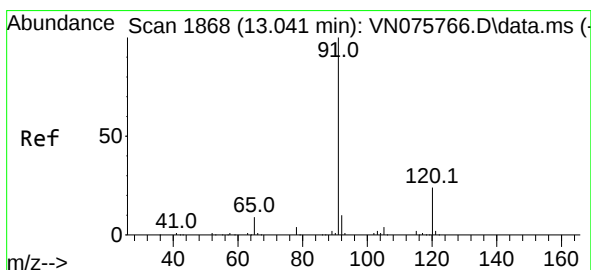
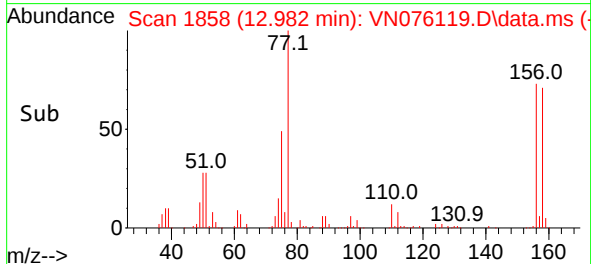
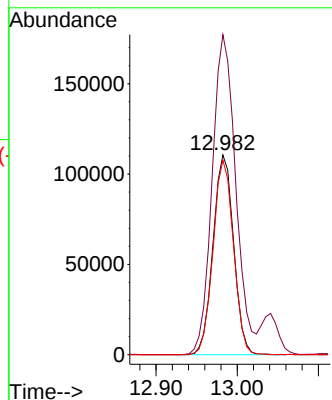
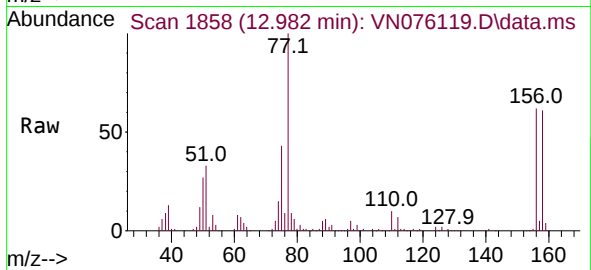
Tgt Ion:156 Resp: 194623

Ion Ratio Lower Upper

156 100

77 183.7 93.8 281.3

158 96.5 48.9 146.6



#78

n-propylbenzene

Concen: 51.037 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN076119.D

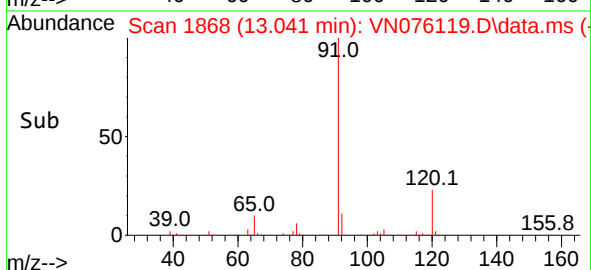
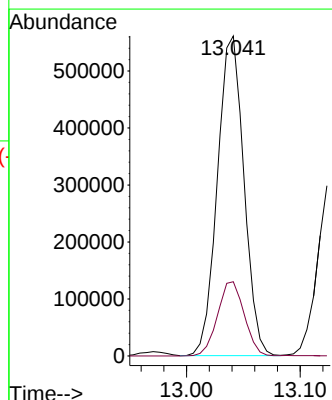
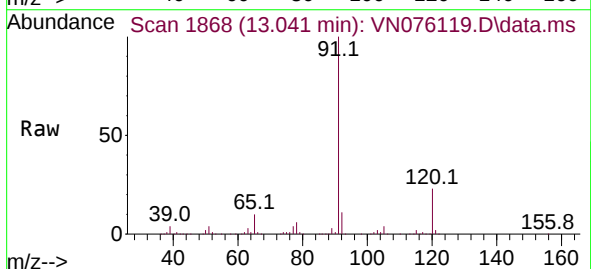
Acq: 05 Jan 2023 19:16

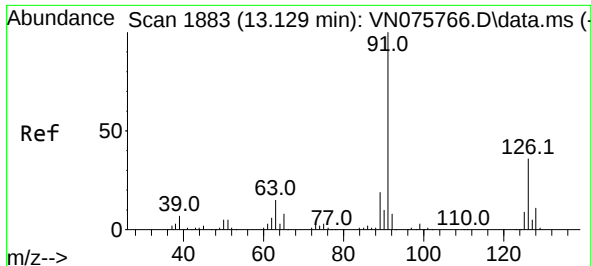
Tgt Ion: 91 Resp: 910381

Ion Ratio Lower Upper

91 100

120 23.4 12.0 36.1





#79

2-Chlorotoluene

Concen: 48.511 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

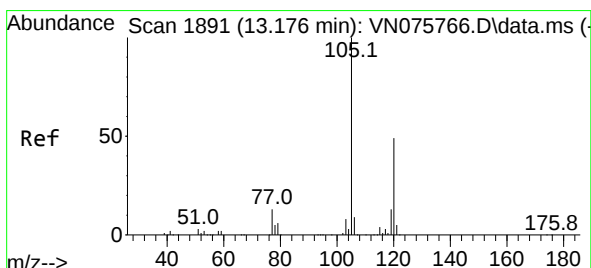
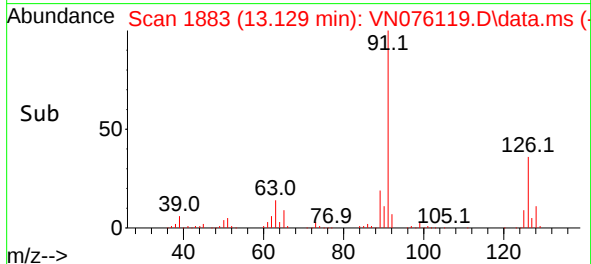
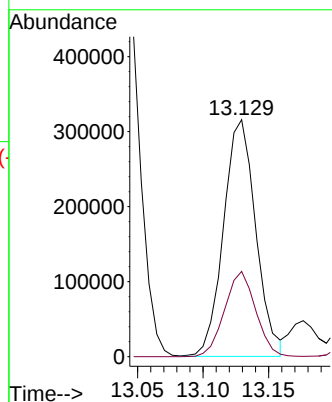
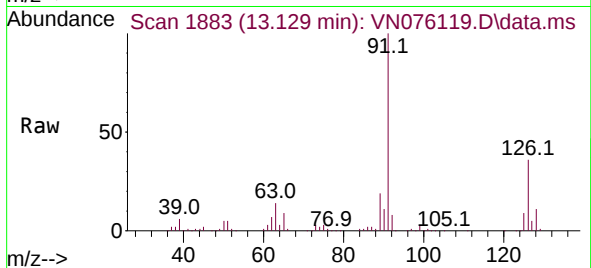
VSTDCCC050EC

Tgt Ion: 91 Resp: 540160

Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 50.865 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076119.D

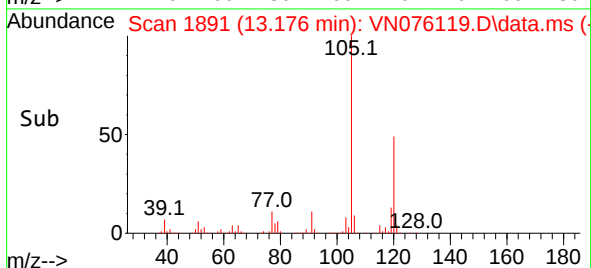
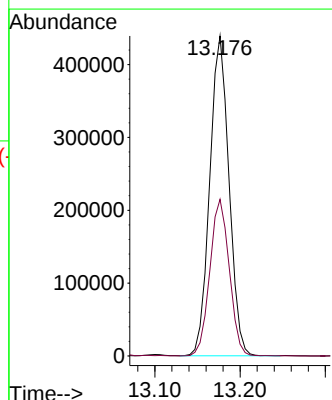
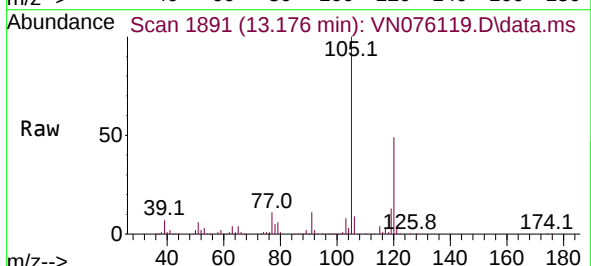
Acq: 05 Jan 2023 19:16

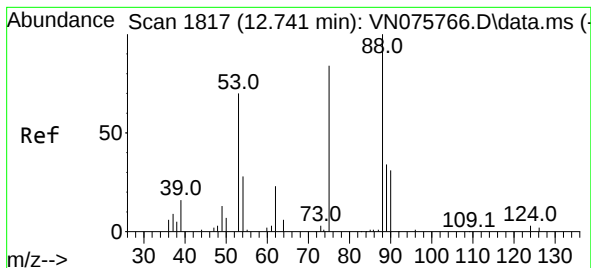
Tgt Ion:105 Resp: 688497

Ion Ratio Lower Upper

105 100

120 49.5 24.7 74.1

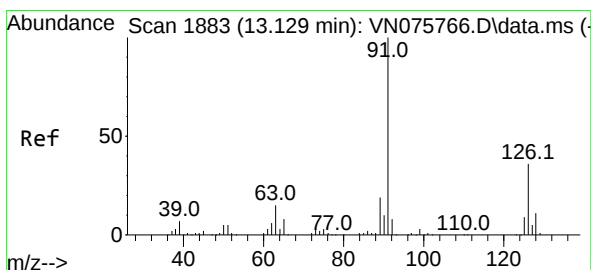
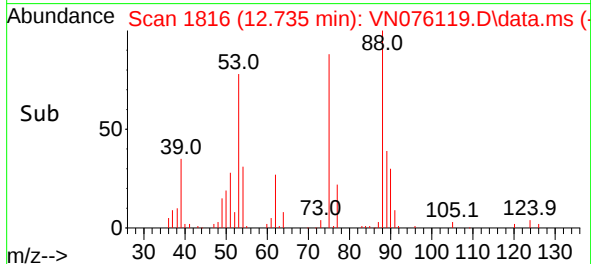
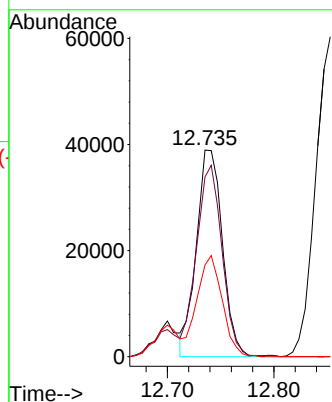
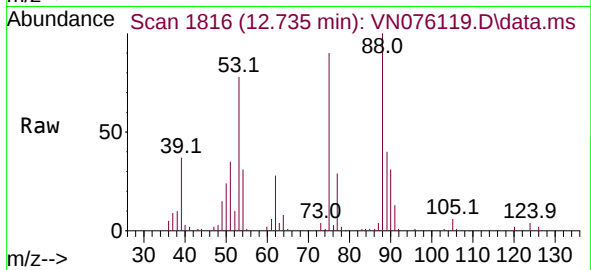




#81
trans-1,4-Dichloro-2-butene
Concen: 53.025 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

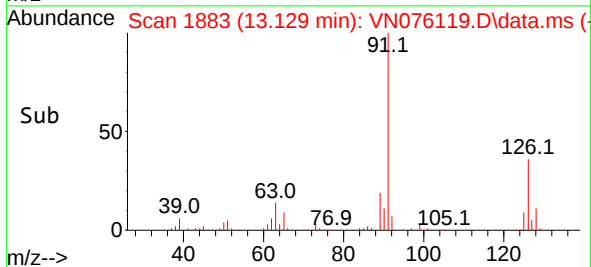
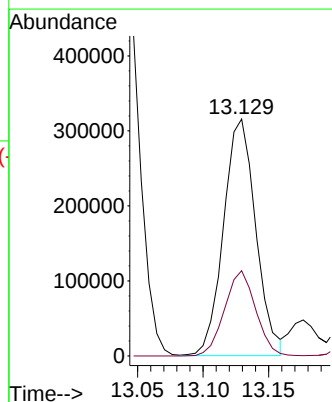
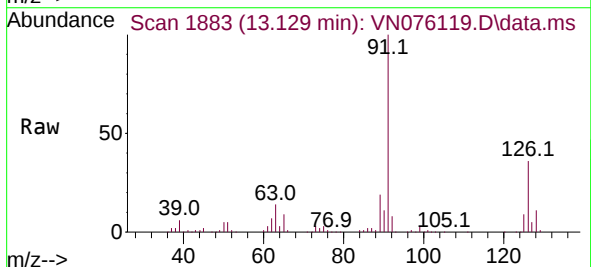
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

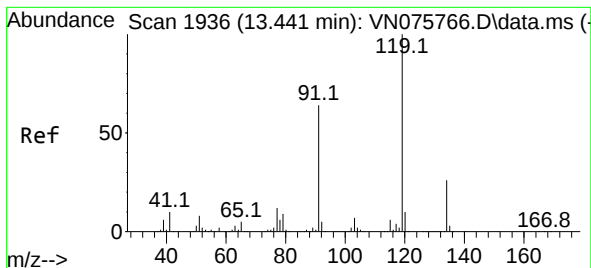
Tgt Ion: 75 Resp: 66456
Ion Ratio Lower Upper
75 100
53 91.3 73.8 110.6
89 48.0 39.5 59.3



#82
4-Chlorotoluene
Concen: 48.511 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 91 Resp: 540160
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.5





#83

tert-Butylbenzene

Concen: 50.517 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

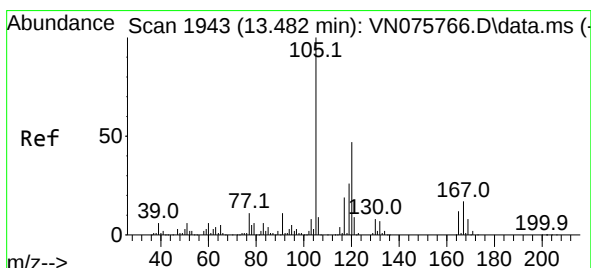
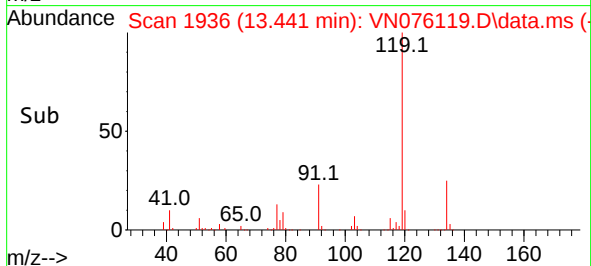
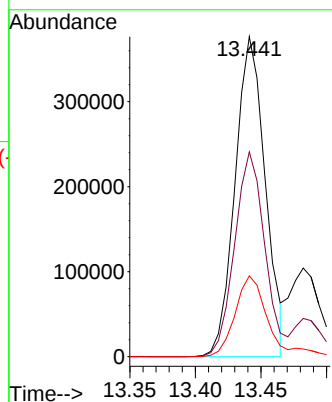
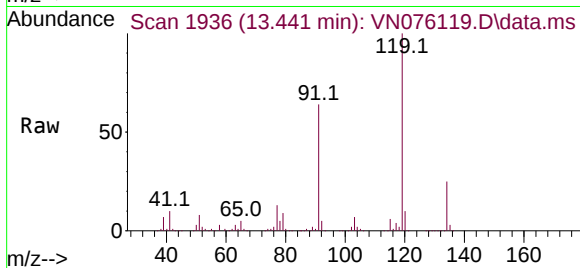
Tgt Ion:119 Resp: 602875

Ion Ratio Lower Upper

119 100

91 64.6 31.9 95.5

134 27.5 13.8 41.4



#84

1,2,4-Trimethylbenzene

Concen: 51.520 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN076119.D

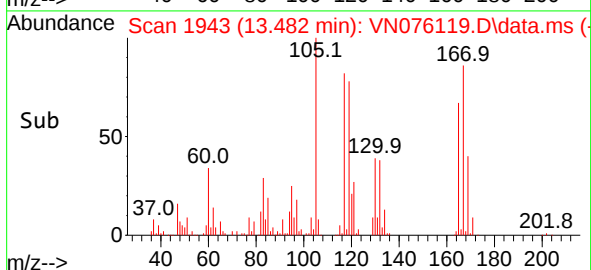
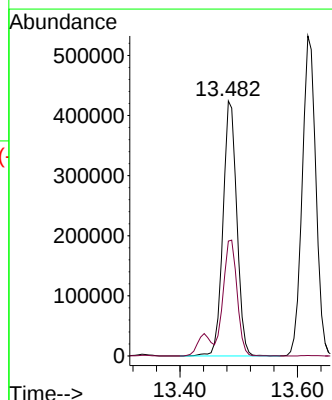
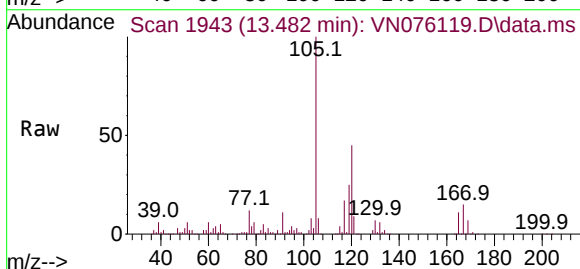
Acq: 05 Jan 2023 19:16

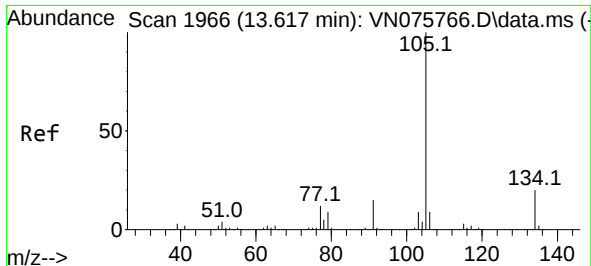
Tgt Ion:105 Resp: 691818

Ion Ratio Lower Upper

105 100

120 45.5 23.3 69.8

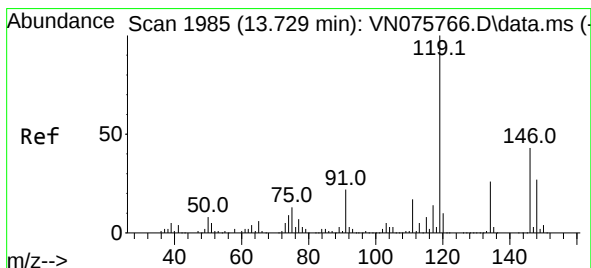
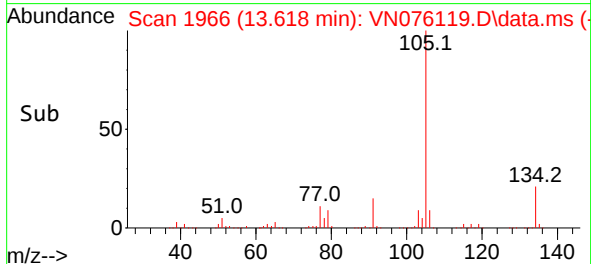
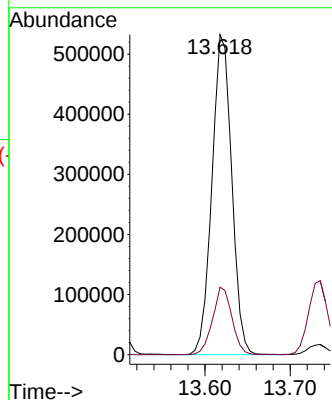
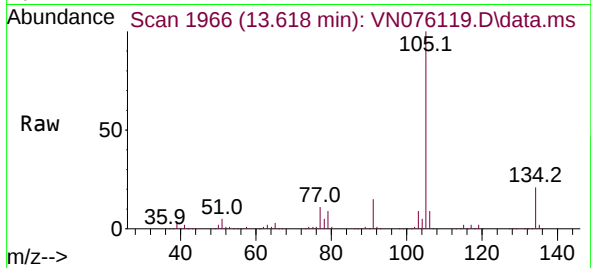




#85
 sec-Butylbenzene
 Concen: 52.085 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076119.D
 Acq: 05 Jan 2023 19:16

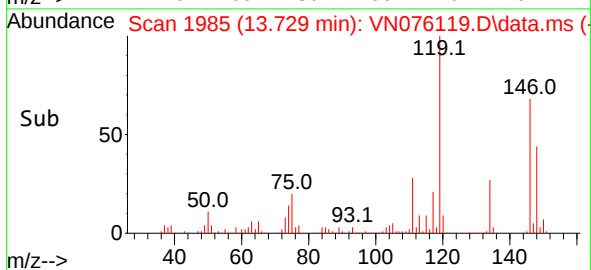
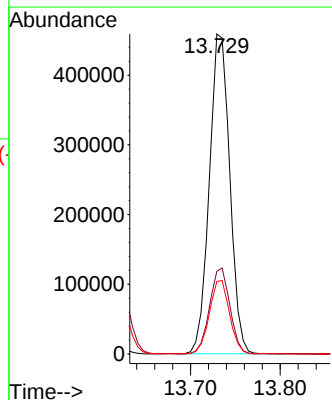
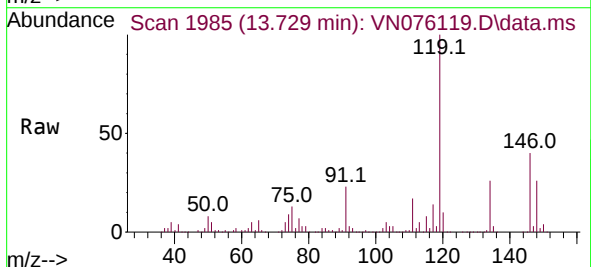
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

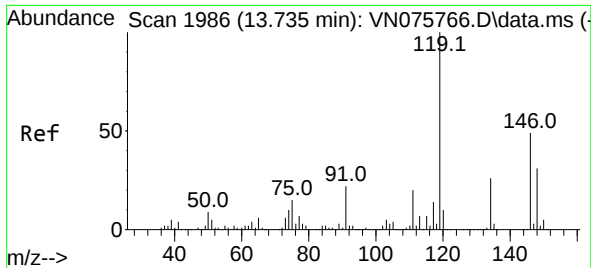
Tgt Ion:105 Resp: 857944
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 53.006 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076119.D
 Acq: 05 Jan 2023 19:16

Tgt Ion:119 Resp: 726511
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 39.0
 91 22.8 11.2 33.6

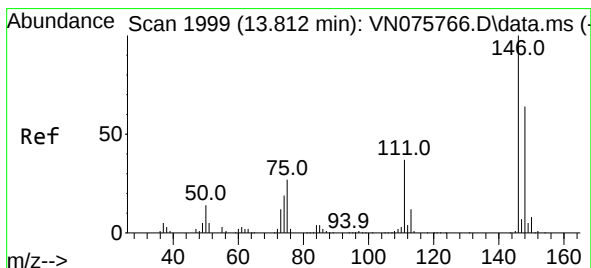
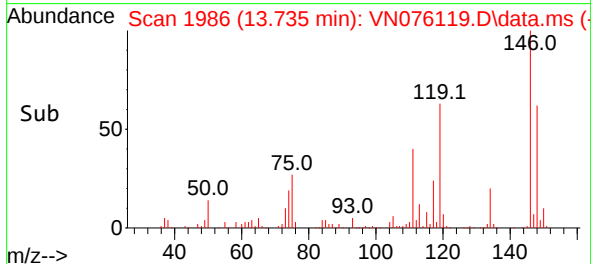
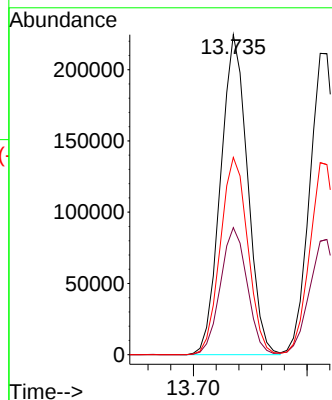
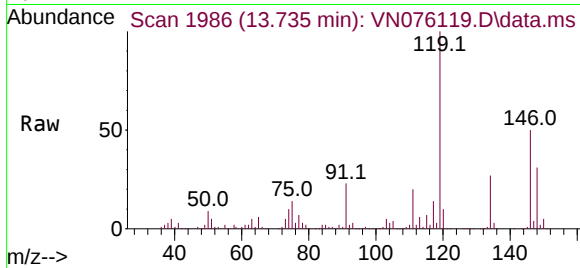




#87
1,3-Dichlorobenzene
Concen: 48.926 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

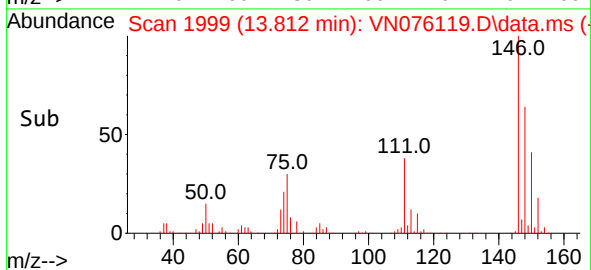
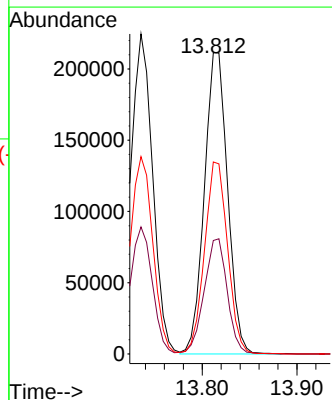
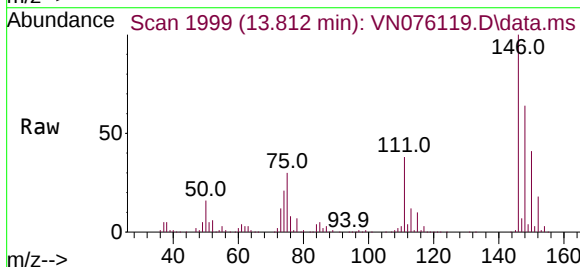
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

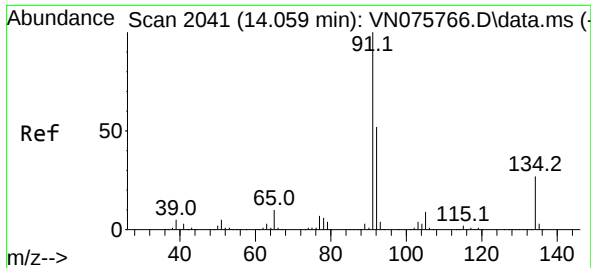
Tgt Ion:146 Resp: 369901
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.0
148 62.8 31.4 94.2



#88
1,4-Dichlorobenzene
Concen: 46.793 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion:146 Resp: 361405
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.1
148 63.3 32.0 96.2

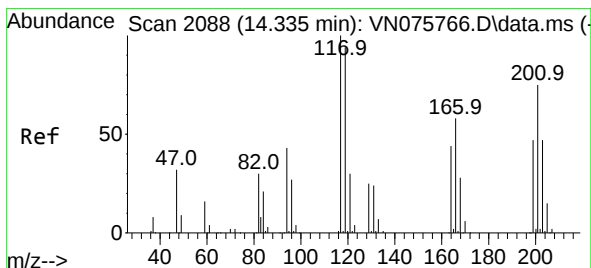
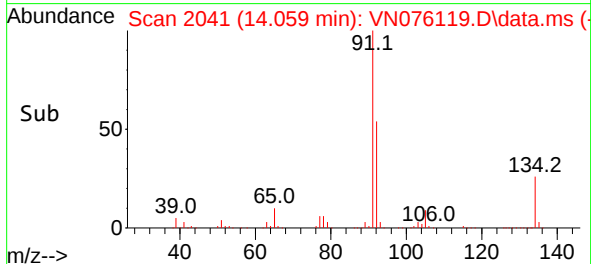
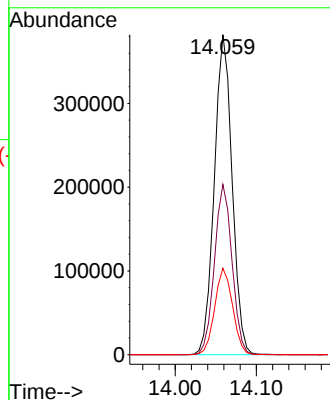
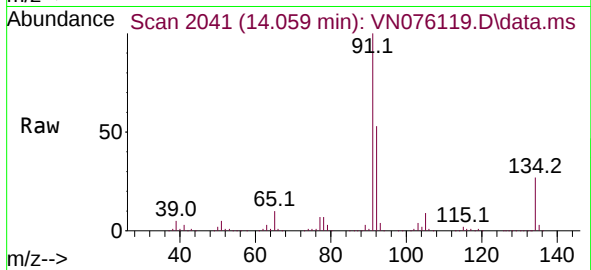




#89
n-Butylbenzene
Concen: 52.529 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

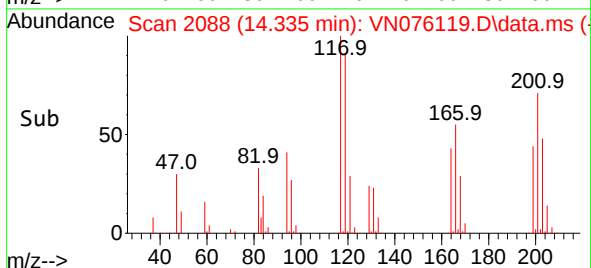
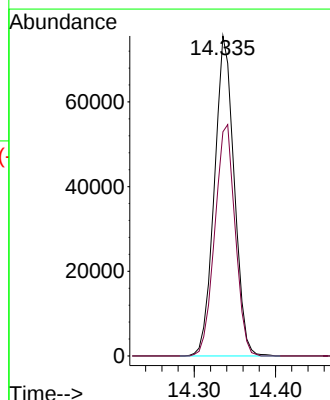
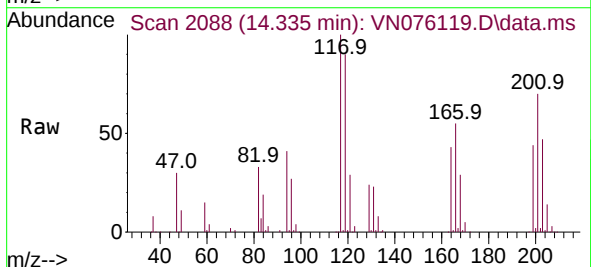
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

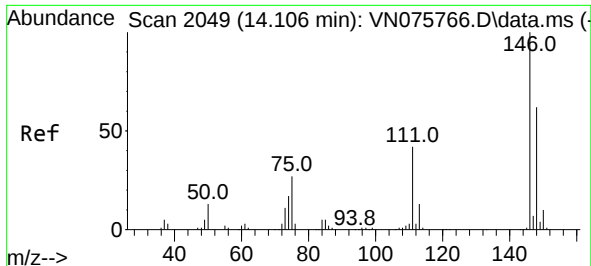
Tgt Ion: 91 Resp: 583276
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 27.1 13.4 40.2



#90
Hexachloroethane
Concen: 52.235 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 117 Resp: 128067
Ion Ratio Lower Upper
117 100
201 74.3 38.0 114.1

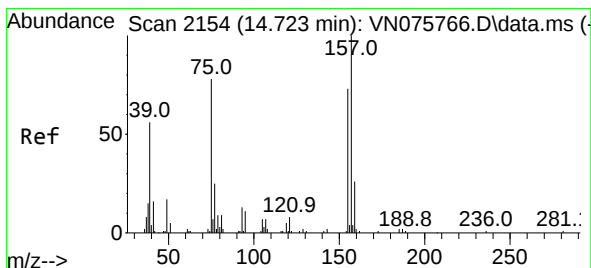
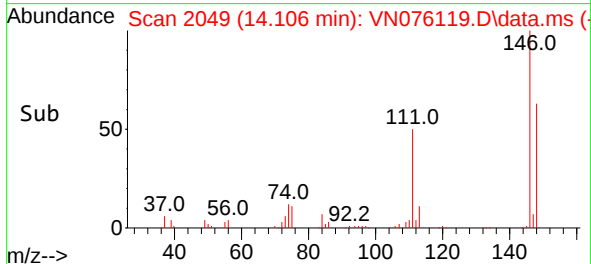
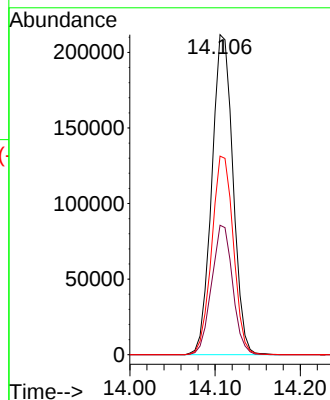
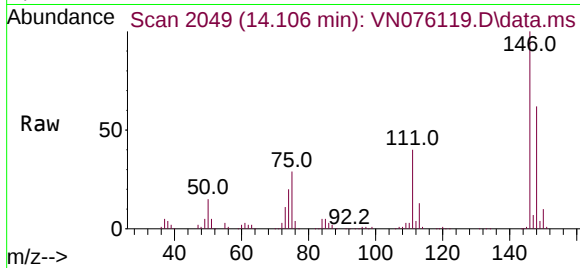




#91
1,2-Dichlorobenzene
Concen: 49.228 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

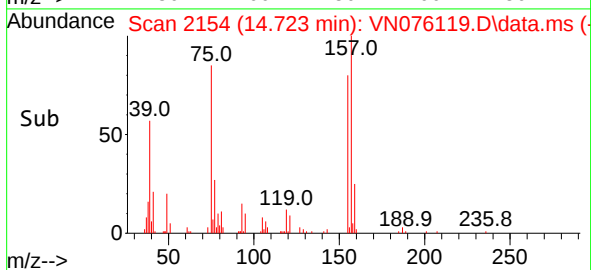
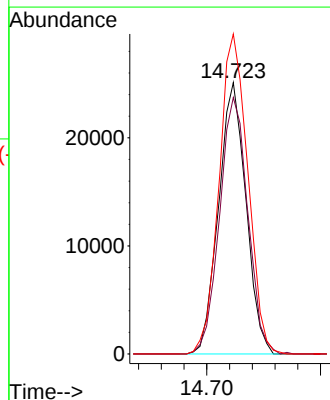
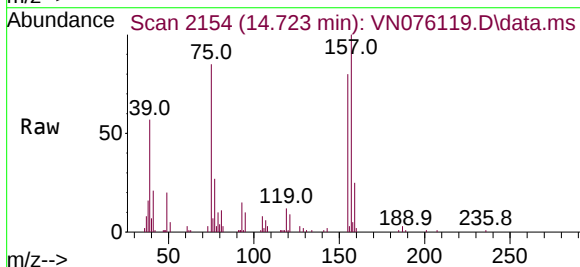
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

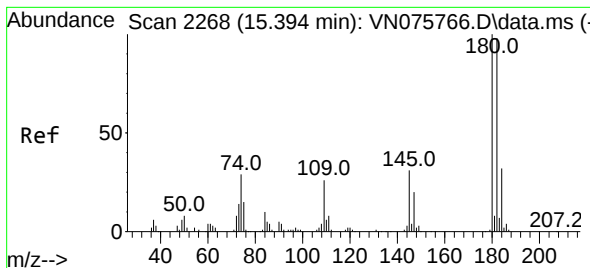
Tgt Ion:146 Resp: 366603
Ion Ratio Lower Upper
146 100
111 40.1 20.3 61.0
148 63.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.377 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076119.D
Acq: 05 Jan 2023 19:16

Tgt Ion: 75 Resp: 42030
Ion Ratio Lower Upper
75 100
155 97.5 49.3 147.8
157 123.4 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 48.839 ug/l

RT: 15.400 min Scan# 2269

Delta R.T. 0.006 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

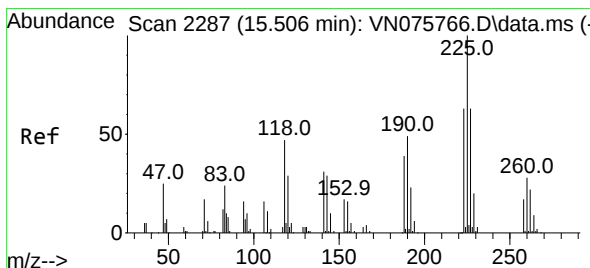
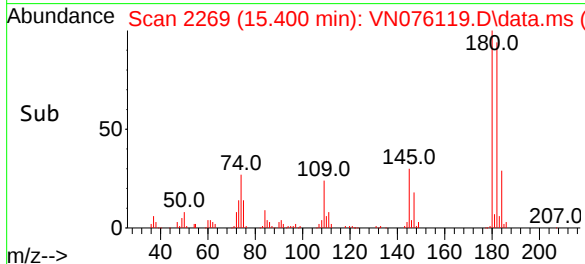
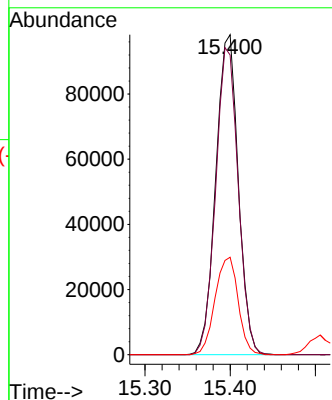
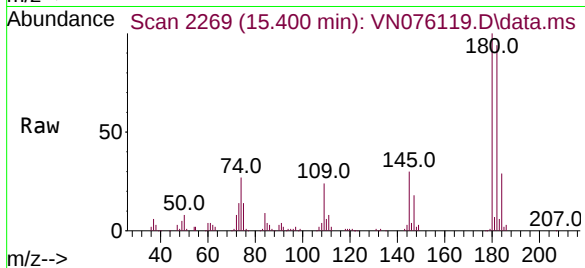
Tgt Ion:180 Resp: 180062

Ion Ratio Lower Upper

180 100

182 96.1 47.5 142.5

145 31.2 15.3 45.8



#94

Hexachlorobutadiene

Concen: 47.865 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

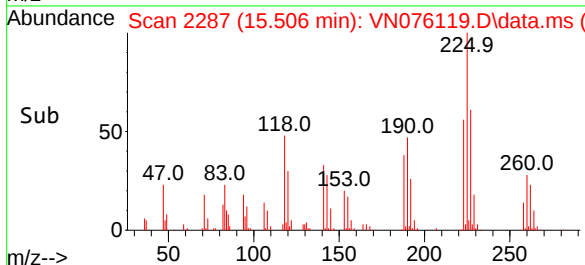
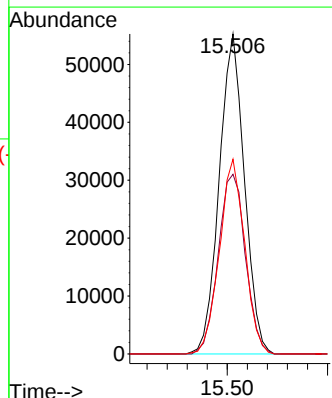
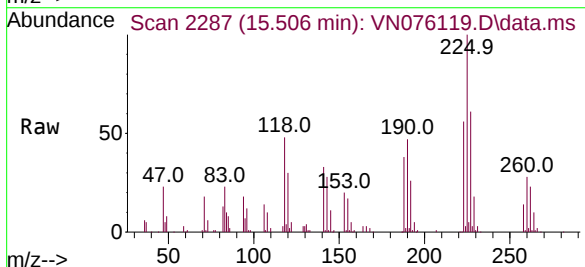
Tgt Ion:225 Resp: 96281

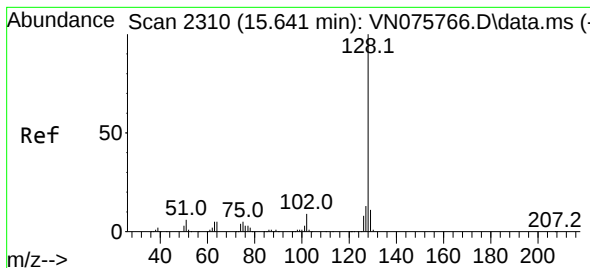
Ion Ratio Lower Upper

225 100

223 60.7 31.5 94.5

227 61.0 31.6 95.0





#95

Naphthalene

Concen: 44.814 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

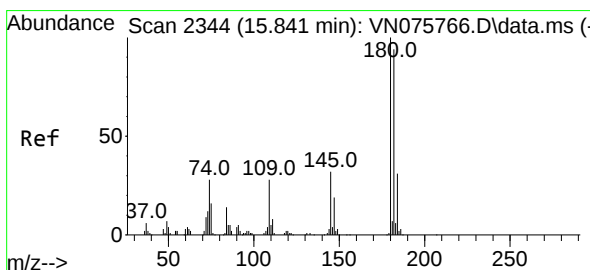
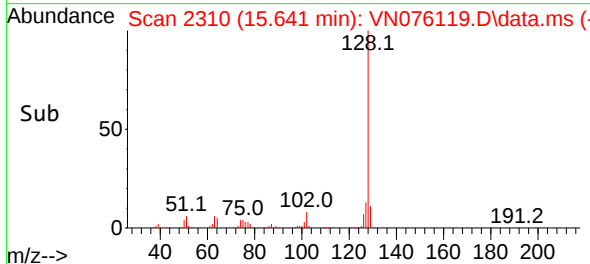
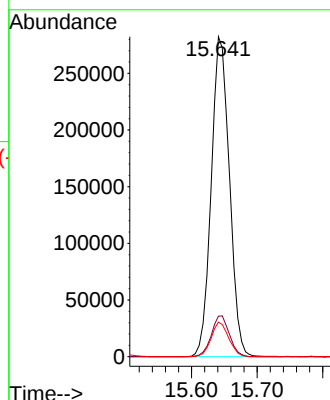
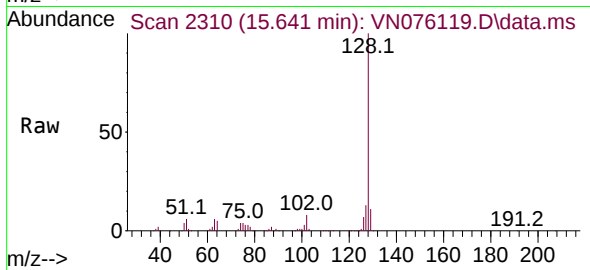
Tgt Ion:128 Resp: 542963

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.924 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN076119.D

Acq: 05 Jan 2023 19:16

Tgt Ion:180 Resp: 175481

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.0

145 31.9 16.0 47.9

