

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077075.D
 Acq On : 20 Mar 2023 17:54
 Operator : JC\MD
 Sample : 01941-15MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D1-20230314MSD

Quant Time: Mar 21 05:39:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	313865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	557348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	501359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	233295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	288288	57.503	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.000%
35) Dibromofluoromethane	8.172	113	220413	56.470	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.940%
50) Toluene-d8	10.572	98	835343	59.913	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	119.820%#
62) 4-Bromofluorobenzene	12.854	95	307356	62.384	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	124.760%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	134308	45.182	ug/l	95
3) Chloromethane	2.378	50	153123	48.421	ug/l	100
4) Vinyl Chloride	2.525	62	172885	50.649	ug/l	99
5) Bromomethane	2.949	94	120576	52.296	ug/l	99
6) Chloroethane	3.125	64	140312	64.962	ug/l	95
7) Trichlorofluoromethane	3.507	101	395375	53.842	ug/l	97
8) Diethyl Ether	3.972	74	155898	56.411	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.384	101	222497	53.415	ug/l	100
10) Methyl Iodide	4.601	142	270008	57.551	ug/l	96
11) Tert butyl alcohol	5.537	59	232621	318.421	ug/l	100
12) 1,1-Dichloroethene	4.354	96	209407	54.954	ug/l	99
13) Acrolein	4.190	56	263804	291.953	ug/l	99
14) Allyl chloride	5.037	41	413418	59.263	ug/l	94
15) Acrylonitrile	5.731	53	700424	285.195	ug/l	99
16) Acetone	4.437	43	558242	249.899	ug/l	100
17) Carbon Disulfide	4.725	76	563482	50.713	ug/l	99
18) Methyl Acetate	5.037	43	451209	53.564	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	782556	57.221	ug/l	97
20) Methylene Chloride	5.284	84	253998	52.391	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	223774	54.180	ug/l	97
22) Diisopropyl ether	6.684	45	842544	55.125	ug/l	98
23) Vinyl Acetate	6.613	43	2640706	273.790	ug/l	99
24) 1,1-Dichloroethane	6.578	63	466484	53.336	ug/l	99
25) 2-Butanone	7.489	43	924614	282.943	ug/l	98
26) 2,2-Dichloropropane	7.495	77	341196	51.847	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	269219	56.913	ug/l	98
28) Bromochloromethane	7.819	49	189067	49.778	ug/l	97
29) Tetrahydrofuran	7.842	42	619620	292.607	ug/l	98
30) Chloroform	7.972	83	460126	54.203	ug/l	100
31) Cyclohexane	8.266	56	420627	51.279	ug/l	95
32) 1,1,1-Trichloroethane	8.178	97	403914	55.671	ug/l	97
36) 1,1-Dichloropropene	8.378	75	340406	55.837	ug/l	98
37) Ethyl Acetate	7.566	43	358230	54.920	ug/l	99
38) Carbon Tetrachloride	8.366	117	343858	57.907	ug/l	99
39) Methylcyclohexane	9.607	83	422426	59.198	ug/l	97
40) Benzene	8.613	78	1038582	56.173	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	210194	59.818	ug/l	98
42) 1,2-Dichloroethane	8.678	62	368377	55.137	ug/l	98
43) Isopropyl Acetate	8.695	43	579596	56.881	ug/l	98
44) Trichloroethene	9.354	130	308801	72.713	ug/l	97
45) 1,2-Dichloropropane	9.625	63	275776	56.160	ug/l	99
46) Dibromomethane	9.713	93	173024	55.869	ug/l	98
47) Bromodichloromethane	9.889	83	363880	56.021	ug/l	99
48) Methyl methacrylate	9.683	41	291942	59.931	ug/l	98
49) 1,4-Dioxane	9.701	88	108285	1301.485	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1882582	296.689	ug/l	98
52) Toluene	10.636	92	636684	57.674	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	384296	60.366	ug/l	100
54) cis-1,3-Dichloropropene	10.319	75	413351	57.547	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	253344	58.197	ug/l	98
56) Ethyl methacrylate	10.877	69	411380	62.845	ug/l	97
57) 1,3-Dichloropropane	11.166	76	444526	55.776	ug/l	98
59) 2-Hexanone	11.195	43	1395037	303.115	ug/l	100
60) Dibromochloromethane	11.360	129	261236	59.742	ug/l	100
61) 1,2-Dibromoethane	11.472	107	251007	58.146	ug/l	98
64) Tetrachloroethene	11.107	164	186961	55.564	ug/l	98
65) Chlorobenzene	11.895	112	640076	55.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	237631	55.672	ug/l	98
67) Ethyl Benzene	11.966	91	1234917	58.937	ug/l	100
68) m/p-Xylenes	12.077	106	919408	118.315	ug/l	99
69) o-Xylene	12.401	106	458664	59.402	ug/l	99
70) Styrene	12.413	104	750491	62.431	ug/l	99
71) Bromoform	12.583	173	175902	60.815	ug/l #	100
73) Isopropylbenzene	12.701	105	1213711	58.053	ug/l	98
74) N-amyl acetate	12.495	43	497931	55.024	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	388012	51.226	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	492810	81.665	ug/l	44
77) Bromobenzene	12.983	156	254430	54.325	ug/l	97
78) n-propylbenzene	13.036	91	1421479	58.897	ug/l	100
79) 2-Chlorotoluene	13.130	91	864178	56.193	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1023817	58.653	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	133811	61.036	ug/l	91
82) 4-Chlorotoluene	13.224	91	840575	57.479	ug/l	100
83) tert-Butylbenzene	13.442	119	859850	58.670	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1035348	59.437	ug/l	98
85) sec-Butylbenzene	13.618	105	1252136	60.060	ug/l	99
86) p-Isopropyltoluene	13.730	119	1014123	60.574	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	480111	54.239	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	472415	53.642	ug/l	100
89) n-Butylbenzene	14.060	91	878847	59.837	ug/l	99
90) Hexachloroethane	14.336	117	186293	54.730	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	485452	55.020	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	76789	54.711	ug/l	95
93) 1,2,4-Trichlorobenzene	15.395	180	238831	59.878	ug/l	100
94) Hexachlorobutadiene	15.507	225	118914	54.135	ug/l	99
95) Naphthalene	15.642	128	836730	53.830	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	240524	60.098	ug/l	99

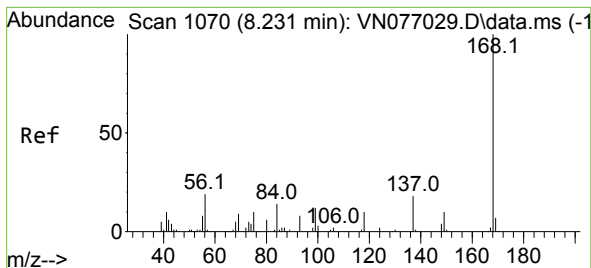
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.000 min

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Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

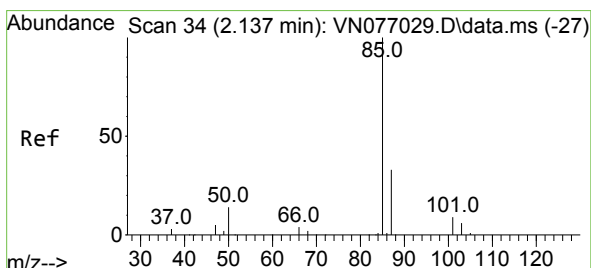
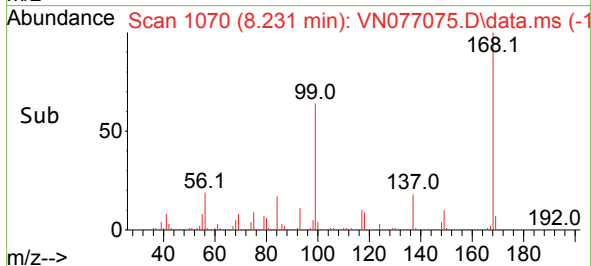
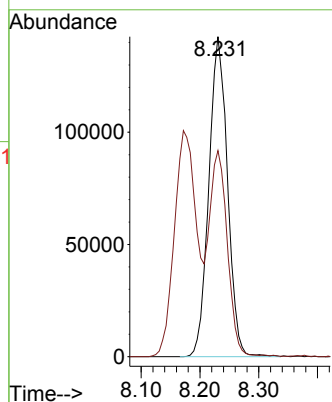
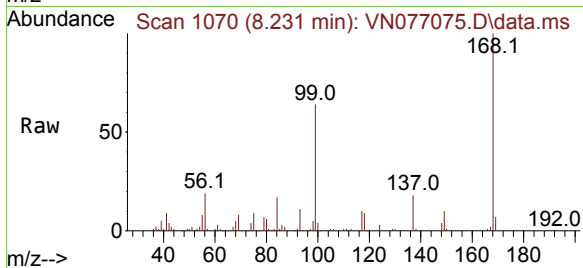
RE126D1-20230314MSD

Tgt Ion:168 Resp: 313865

Ion Ratio Lower Upper

168 100

99 64.2 53.9 80.9



#2

Dichlorodifluoromethane

Concen: 45.182 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077075.D

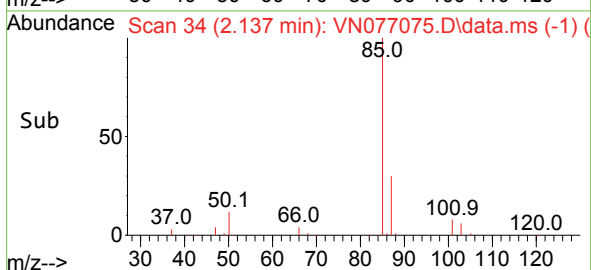
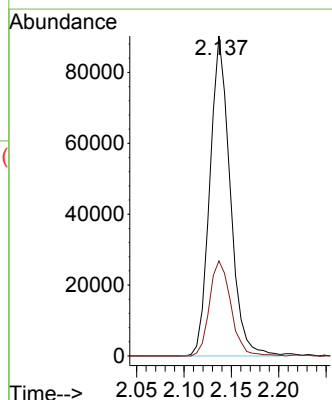
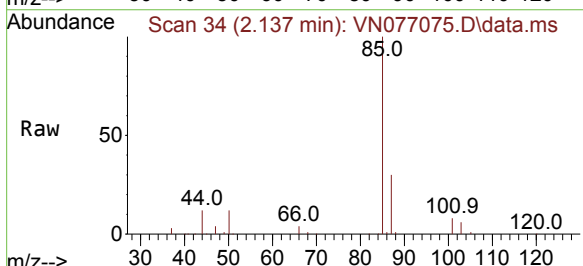
Acq: 20 Mar 2023 17:54

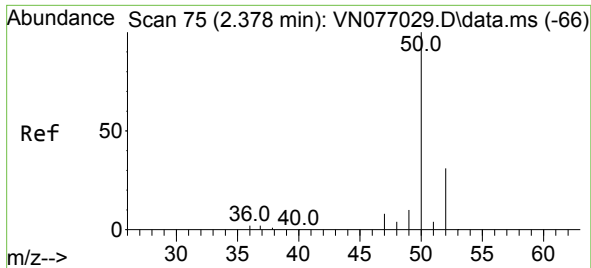
Tgt Ion: 85 Resp: 134308

Ion Ratio Lower Upper

85 100

87 29.7 16.4 49.2





#3

Chloromethane

Concen: 48.421 ug/l

RT: 2.378 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

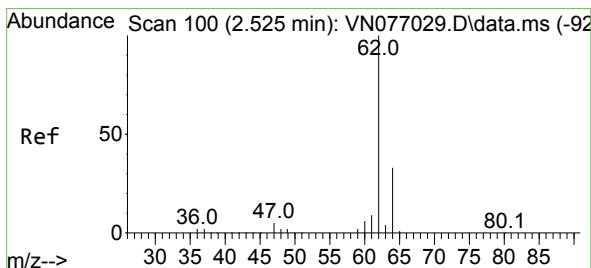
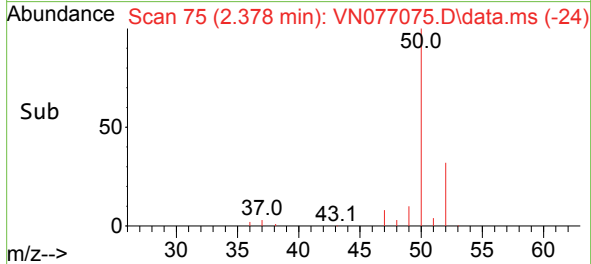
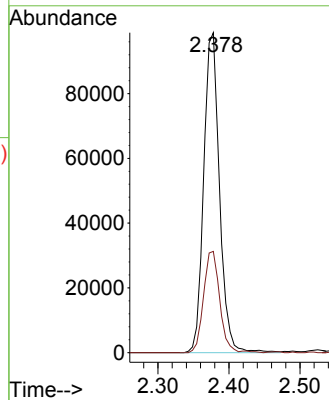
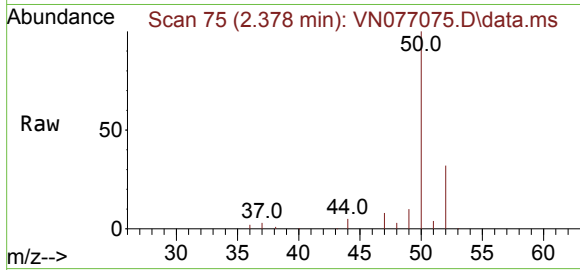
RE126D1-20230314MSD

Tgt Ion: 50 Resp: 153123

Ion Ratio Lower Upper

50 100

52 31.6 25.1 37.7



#4

Vinyl Chloride

Concen: 50.649 ug/l

RT: 2.525 min Scan# 100

Delta R.T. 0.000 min

Lab File: VN077075.D

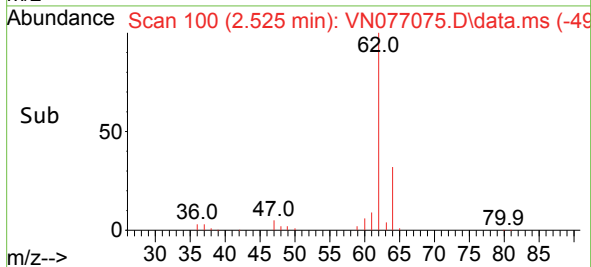
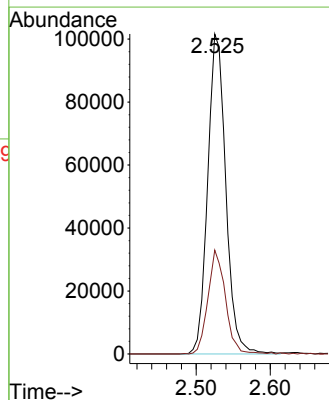
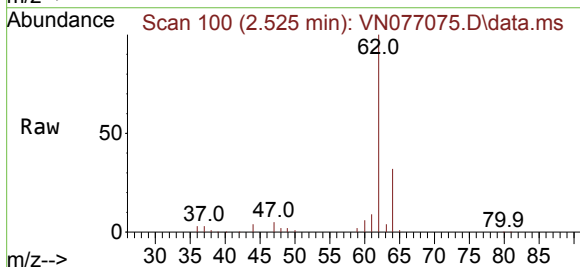
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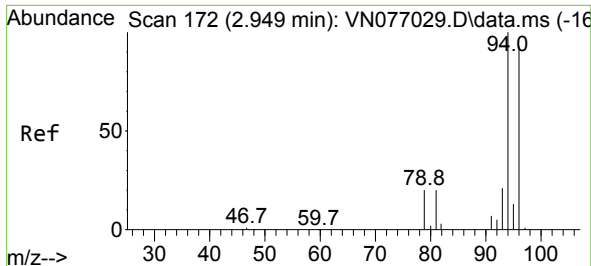
Tgt Ion: 62 Resp: 172885

Ion Ratio Lower Upper

62 100

64 32.5 26.6 40.0

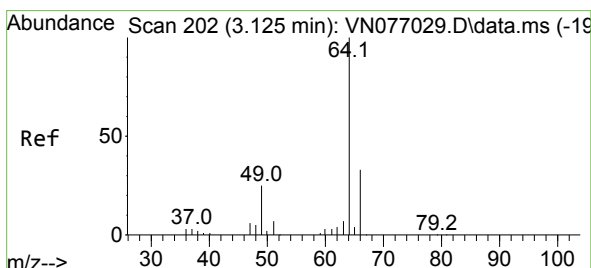
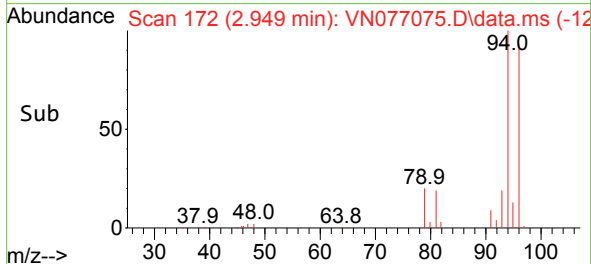
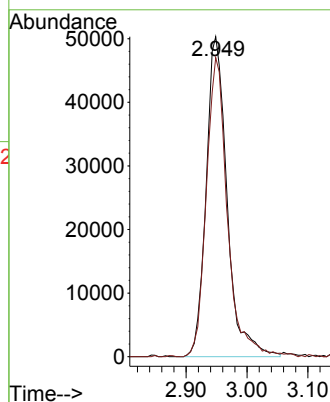
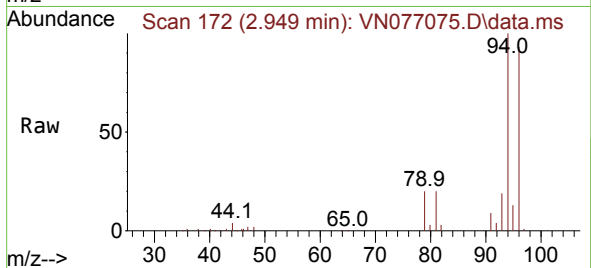




#5
Bromomethane
Concen: 52.296 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077075.D
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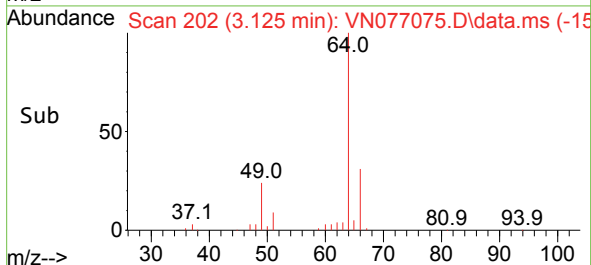
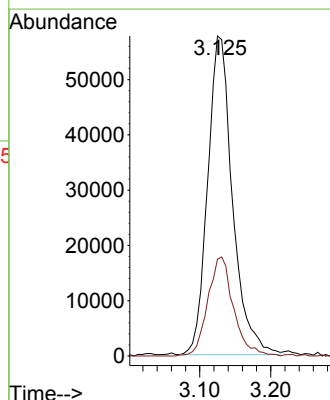
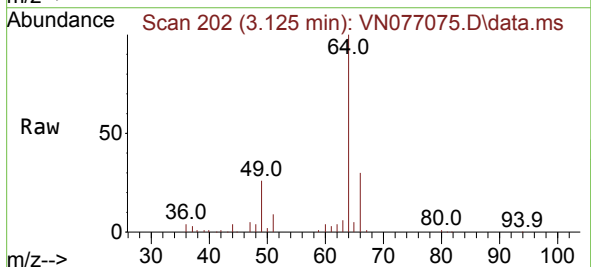
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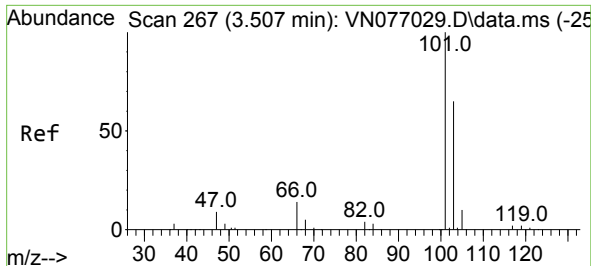
Tgt Ion: 94 Resp: 120576
Ion Ratio Lower Upper
94 100
96 93.4 74.1 111.1



#6
Chloroethane
Concen: 64.962 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion: 64 Resp: 140312
Ion Ratio Lower Upper
64 100
66 30.4 26.3 39.5

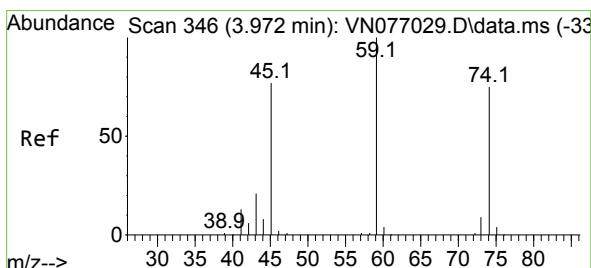
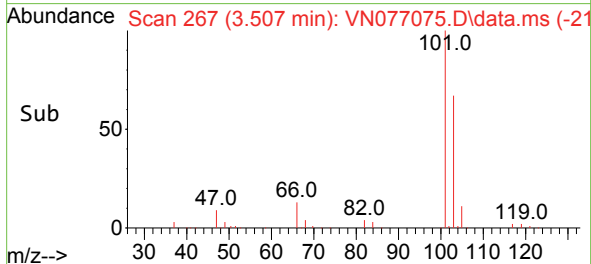
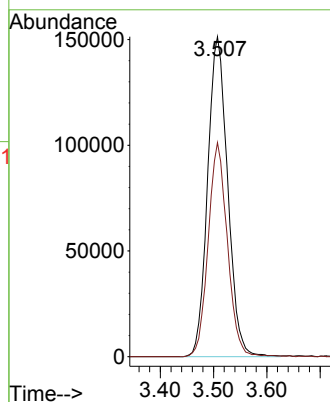
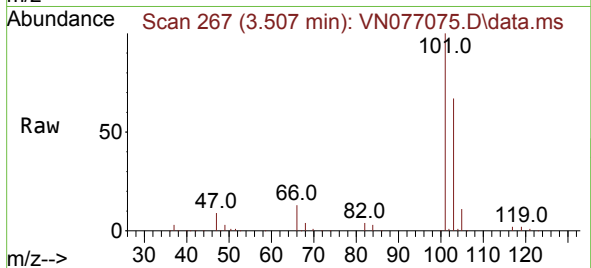




#7
Trichlorofluoromethane
Concen: 53.842 ug/l
RT: 3.507 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

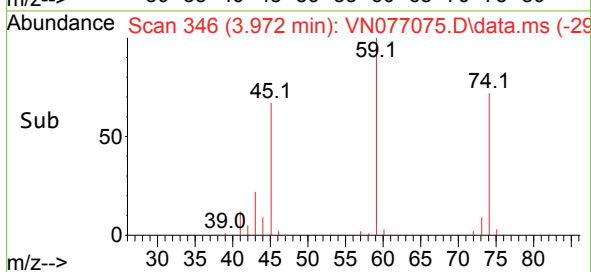
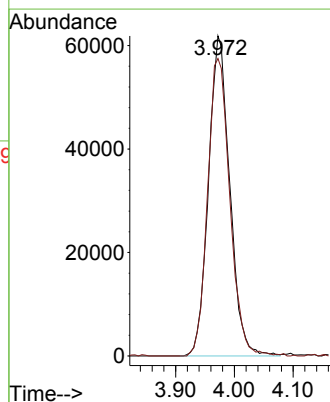
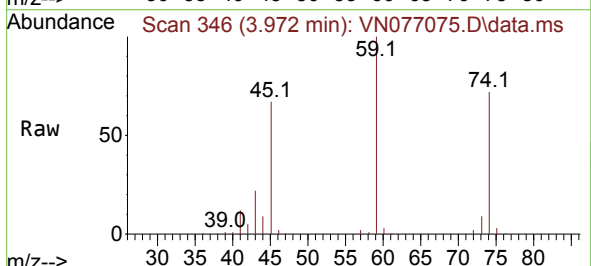
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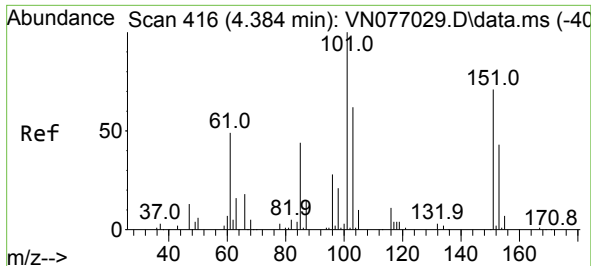
Tgt Ion:101 Resp: 395375
Ion Ratio Lower Upper
101 100
103 66.9 51.8 77.6



#8
Diethyl Ether
Concen: 56.411 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion: 74 Resp: 155898
Ion Ratio Lower Upper
74 100
45 96.9 50.8 152.5

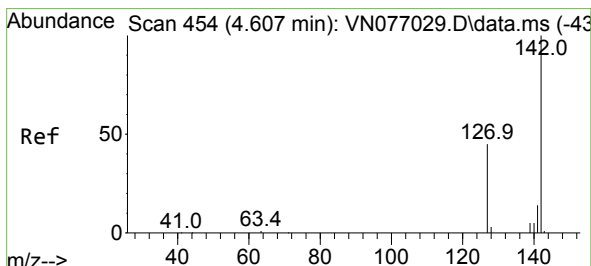
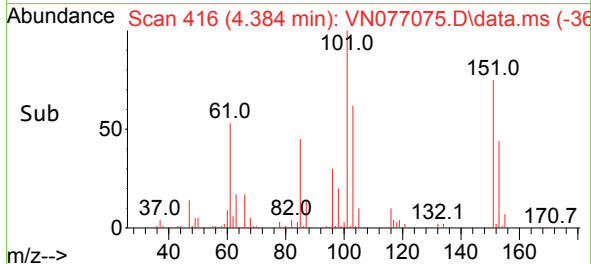
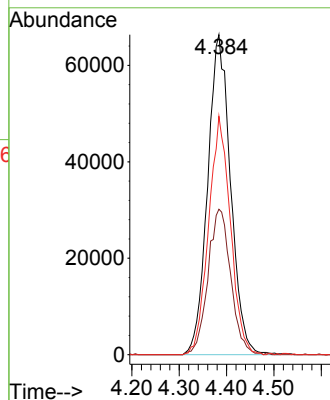
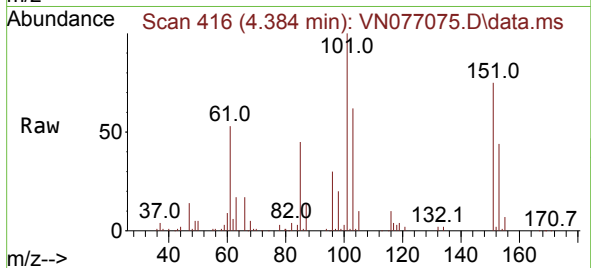




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.415 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077075.D
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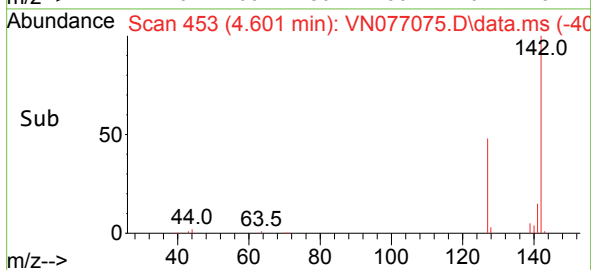
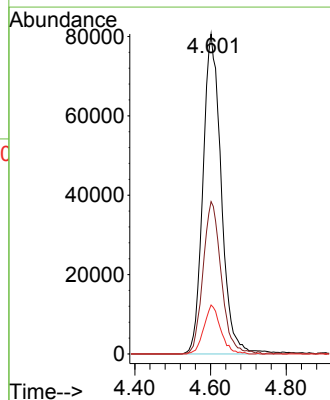
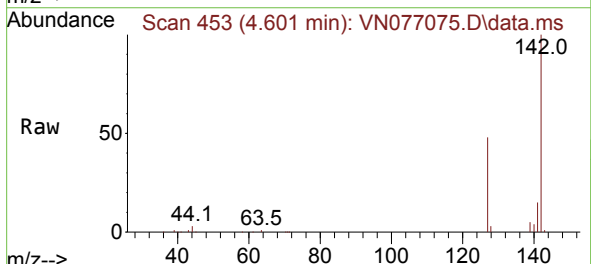
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

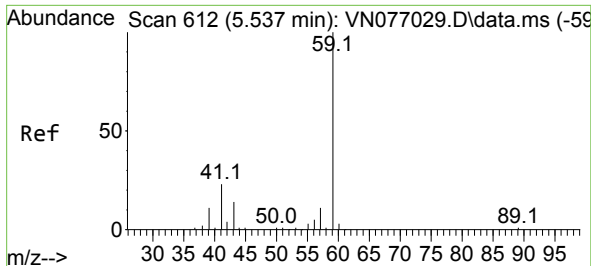
Tgt Ion:101 Resp: 222497
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 70.9 56.9 85.3



#10
Methyl Iodide
Concen: 57.551 ug/l
RT: 4.601 min Scan# 453
Delta R.T. -0.006 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion:142 Resp: 270008
Ion Ratio Lower Upper
142 100
127 47.6 36.1 54.1
141 15.3 10.8 16.2

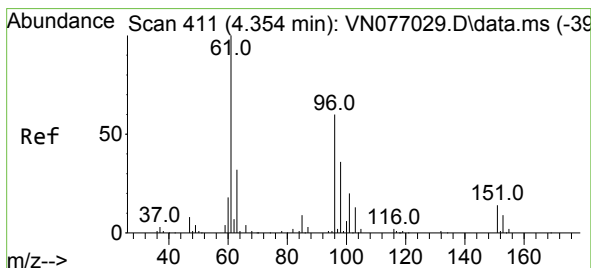
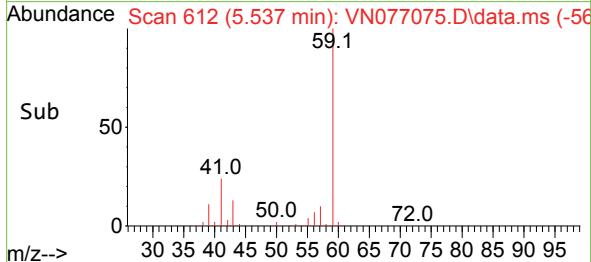
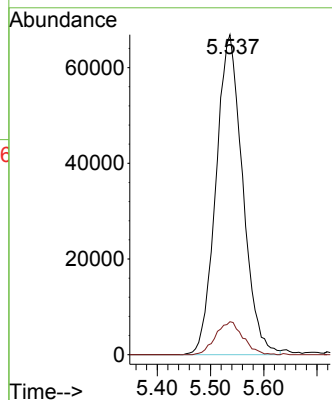
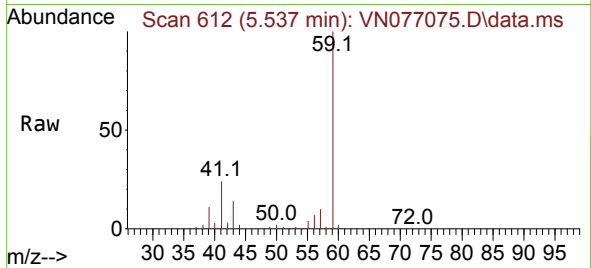




#11
Tert butyl alcohol
Concen: 318.421 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

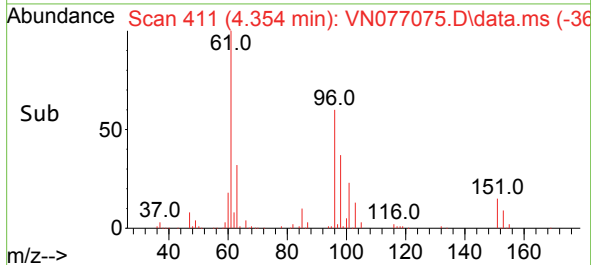
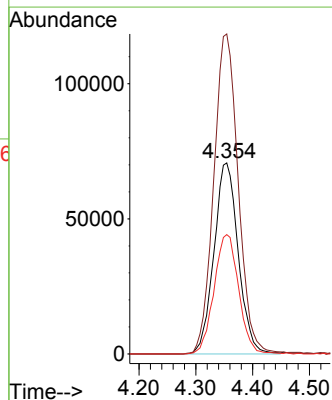
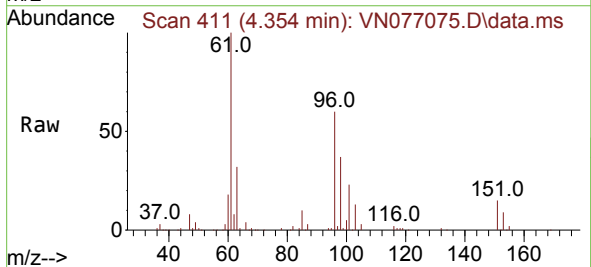
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

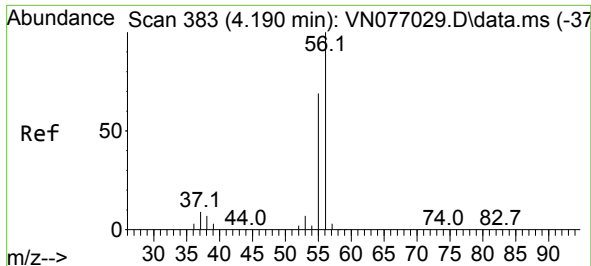
Tgt Ion: 59 Resp: 232621
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 54.954 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion: 96 Resp: 209407
Ion Ratio Lower Upper
96 100
61 167.5 133.8 200.8
98 62.5 48.6 72.8

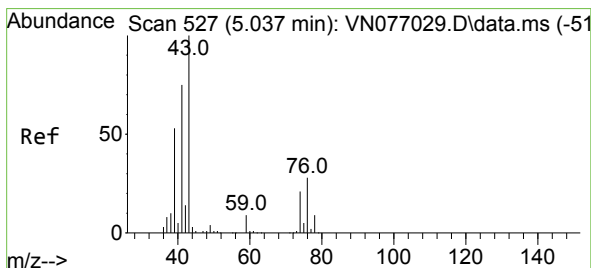
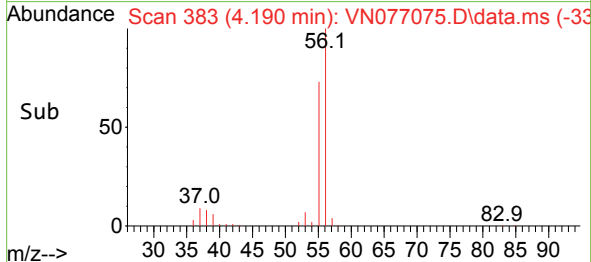
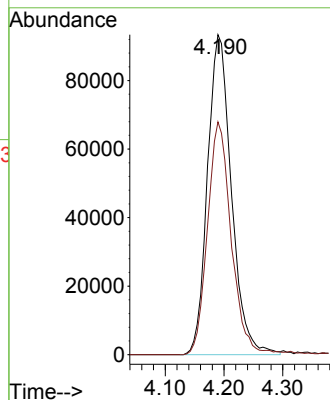
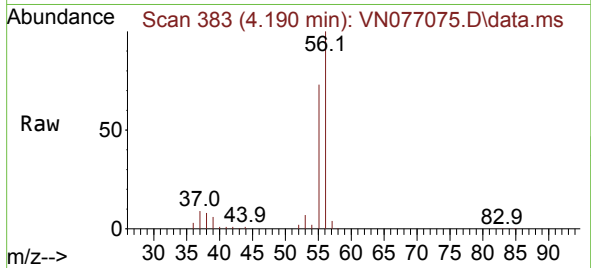




#13
Acrolein
Concen: 291.953 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

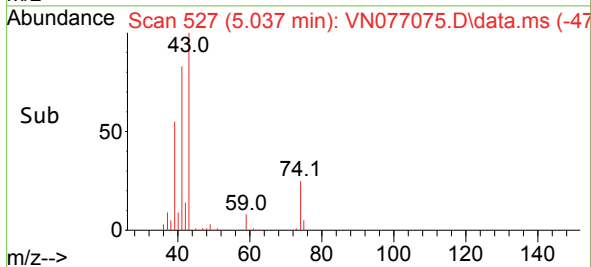
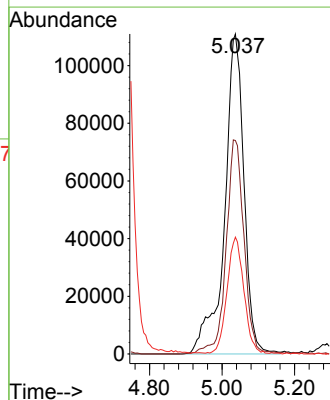
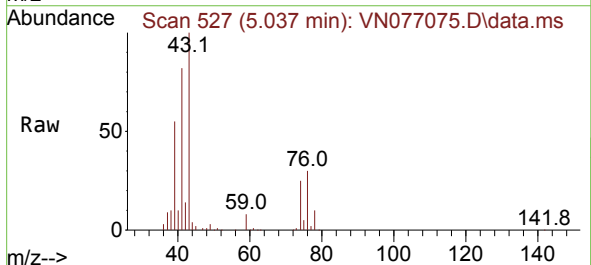
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

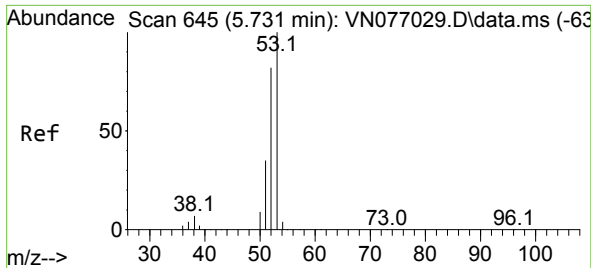
Tgt Ion: 56 Resp: 263804
Ion Ratio Lower Upper
56 100
55 72.1 57.0 85.6



#14
Allyl chloride
Concen: 59.263 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion: 41 Resp: 413418
Ion Ratio Lower Upper
41 100
39 61.5 53.8 80.8
76 31.2 26.7 40.1

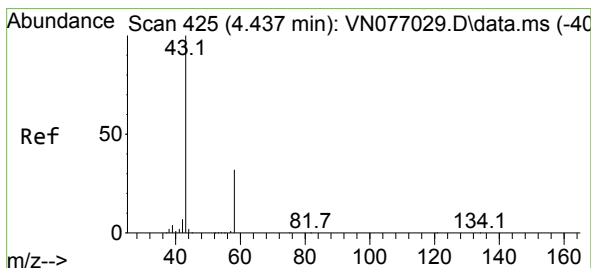
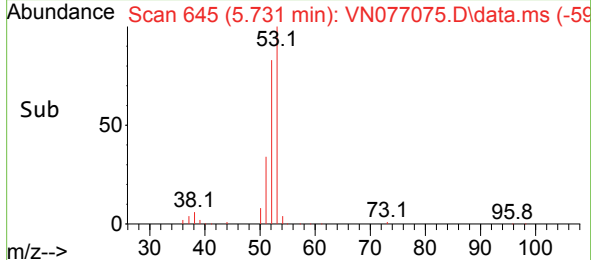
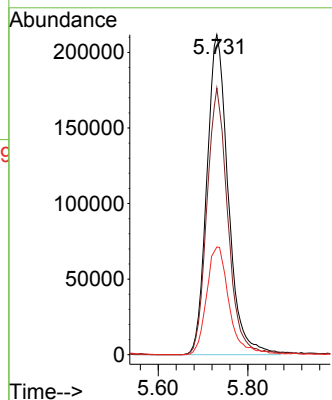
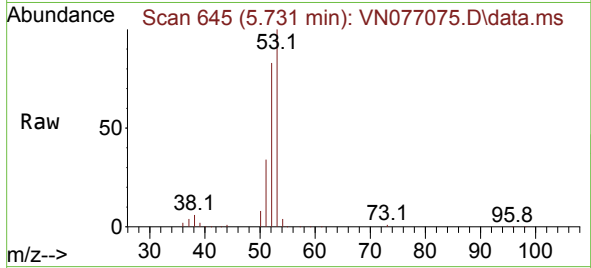




#15
Acrylonitrile
Concen: 285.195 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

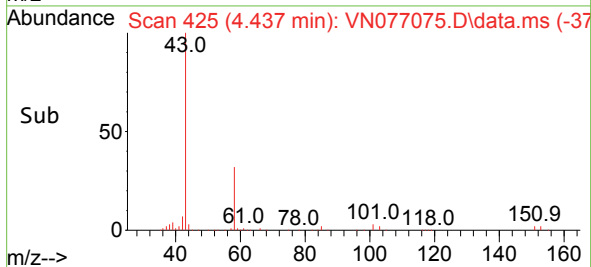
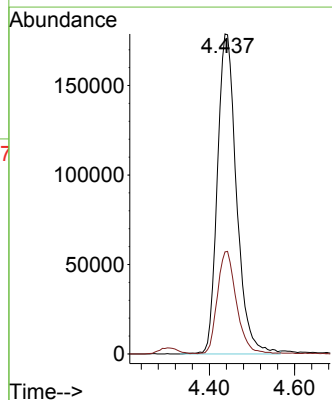
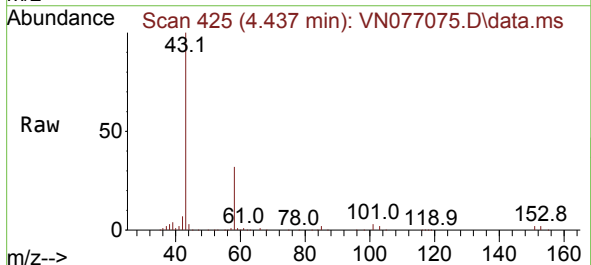
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

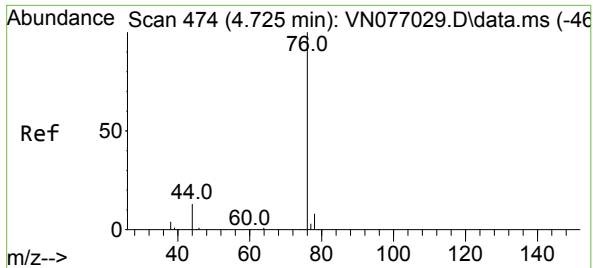
Tgt Ion: 53 Resp: 700424
Ion Ratio Lower Upper
53 100
52 81.8 64.6 97.0
51 35.5 28.3 42.5



#16
Acetone
Concen: 249.899 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion: 43 Resp: 558242
Ion Ratio Lower Upper
43 100
58 31.6 25.4 38.0





#17

Carbon Disulfide

Concen: 50.713 ug/l

RT: 4.725 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

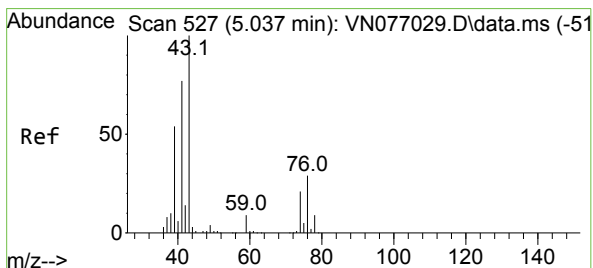
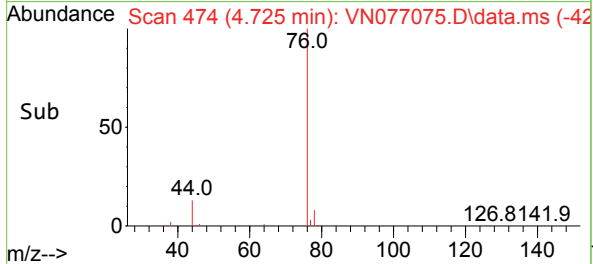
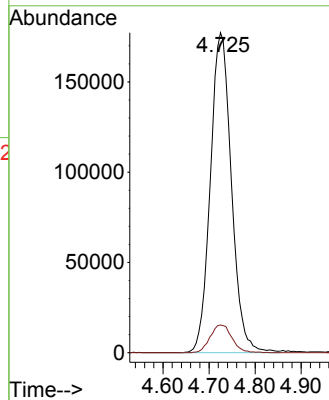
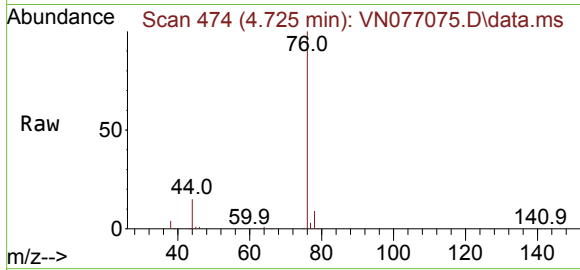
RE126D1-20230314MSD

Tgt Ion: 76 Resp: 563482

Ion Ratio Lower Upper

76 100

78 8.6 6.6 10.0



#18

Methyl Acetate

Concen: 53.564 ug/l

RT: 5.037 min Scan# 527

Delta R.T. -0.000 min

Lab File: VN077075.D

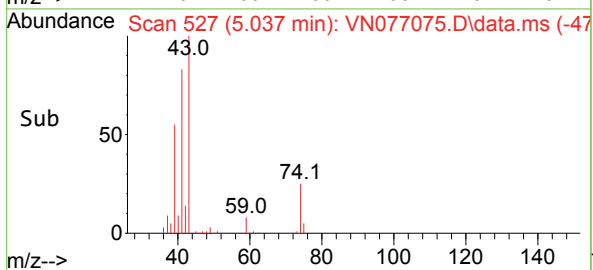
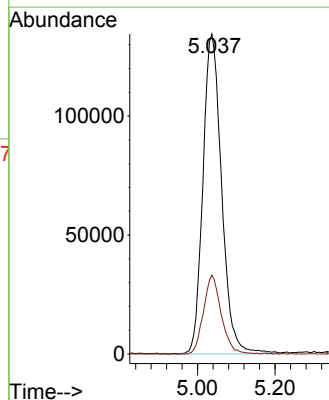
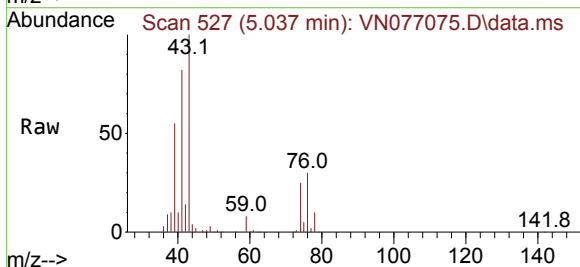
Acq: 20 Mar 2023 17:54

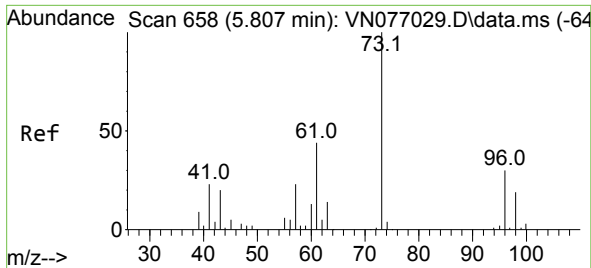
Tgt Ion: 43 Resp: 451209

Ion Ratio Lower Upper

43 100

74 23.3 17.7 26.5

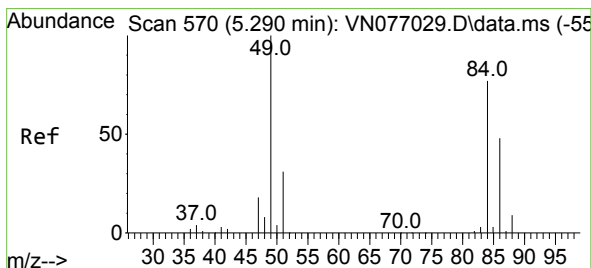
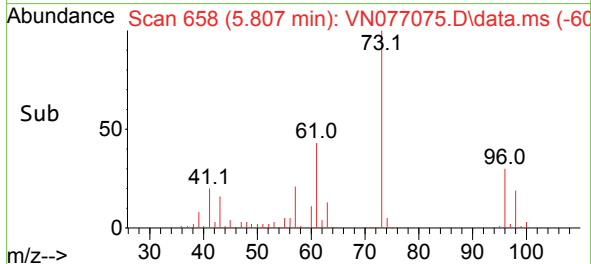
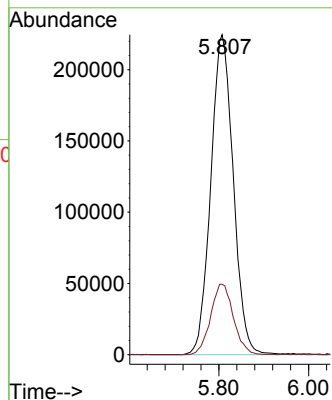
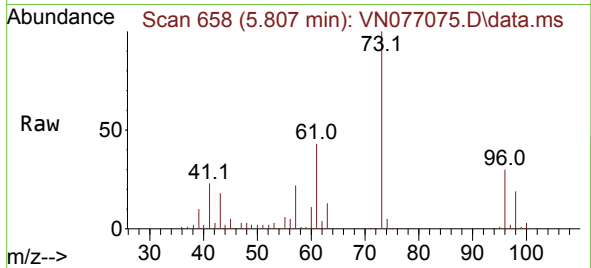




#19
Methyl tert-butyl Ether
Concen: 57.221 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

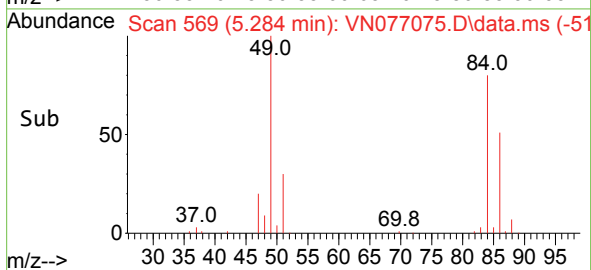
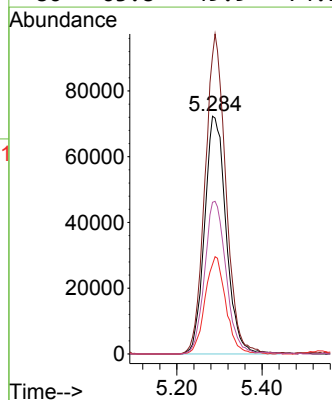
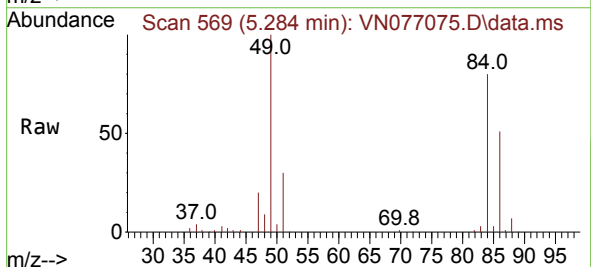
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

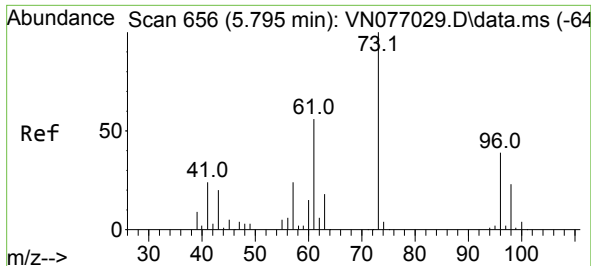
Tgt Ion: 73 Resp: 782556
Ion Ratio Lower Upper
73 100
57 22.0 18.7 28.1



#20
Methylene Chloride
Concen: 52.391 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion: 84 Resp: 253998
Ion Ratio Lower Upper
84 100
49 125.4 103.8 155.6
51 37.7 32.3 48.5
86 63.8 49.9 74.9

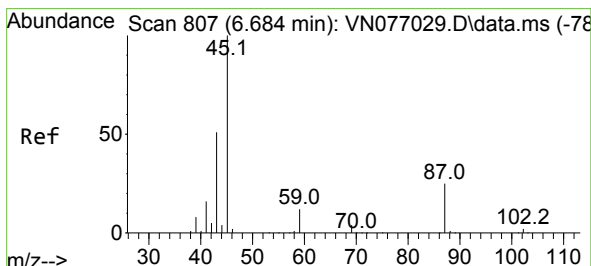
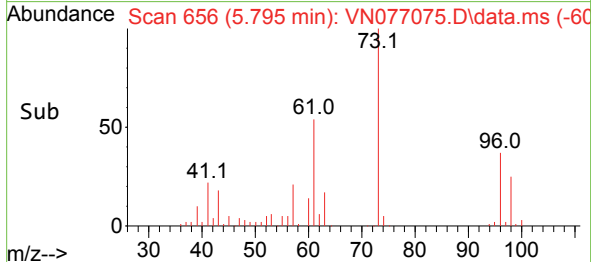
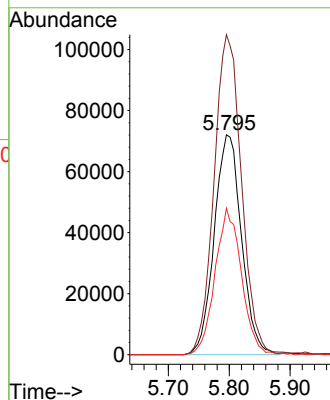
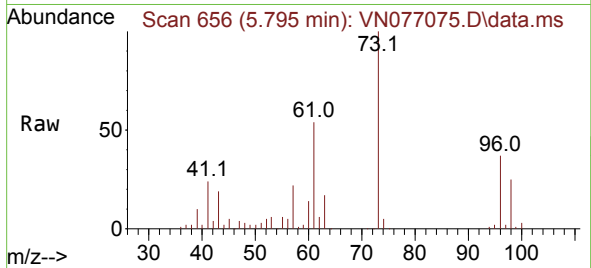




#21
trans-1,2-Dichloroethene
Concen: 54.180 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

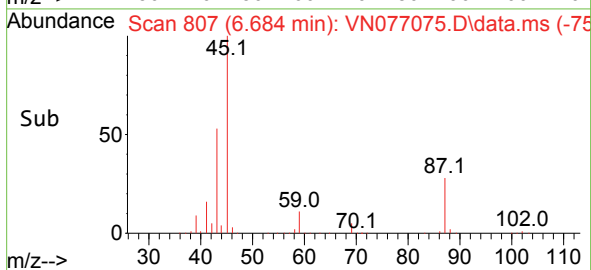
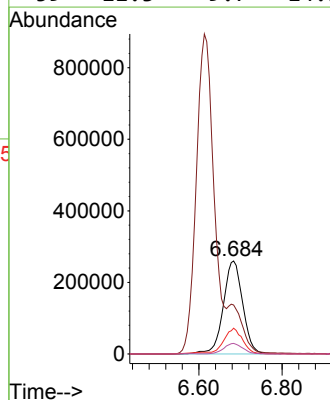
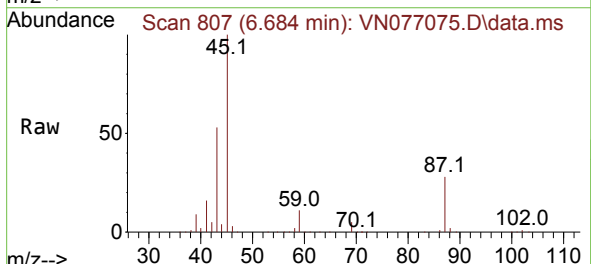
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

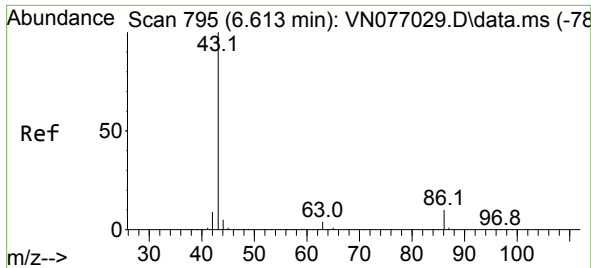
Tgt Ion: 96 Resp: 223774
Ion Ratio Lower Upper
96 100
61 145.6 115.8 173.6
98 66.6 48.2 72.2



#22
Diisopropyl ether
Concen: 55.125 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion: 45 Resp: 842544
Ion Ratio Lower Upper
45 100
43 51.6 41.5 62.3
87 27.7 20.6 30.8
59 11.3 9.7 14.5

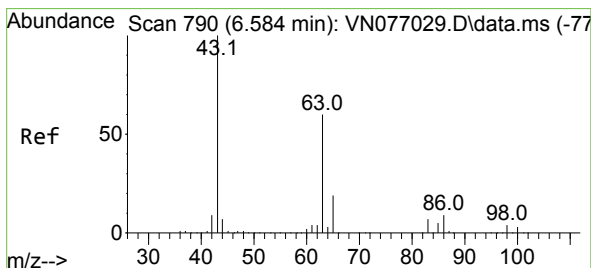
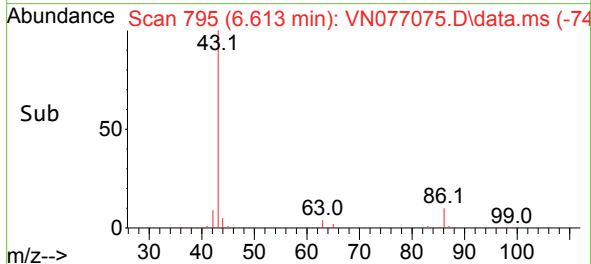
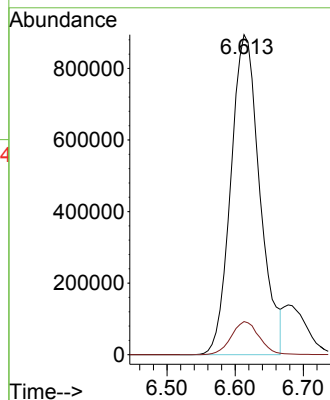
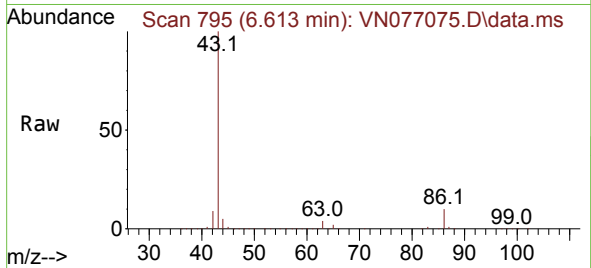




#23
 Vinyl Acetate
 Concen: 273.790 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077075.D
 Acq: 20 Mar 2023 17:54

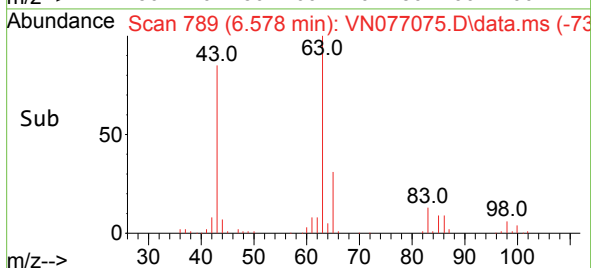
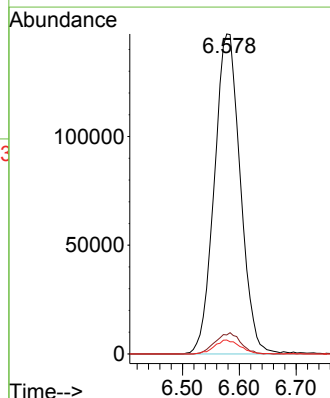
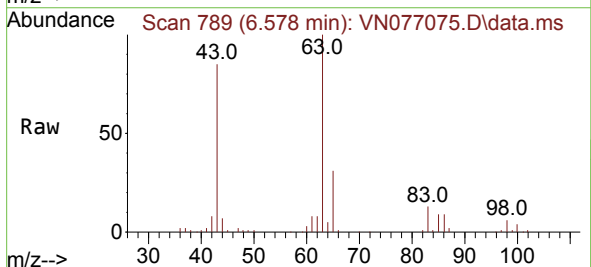
Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D1-20230314MSD

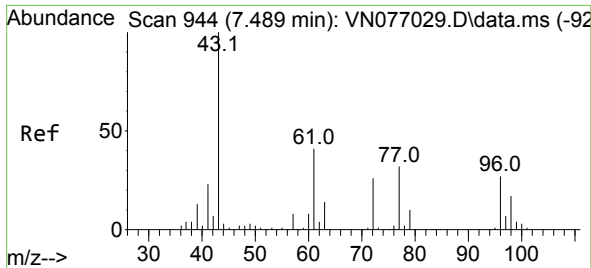
Tgt Ion: 43 Resp: 2640706
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 53.336 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077075.D
 Acq: 20 Mar 2023 17:54

Tgt Ion: 63 Resp: 466484
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.1 9.4
 100 4.4 2.1 6.3

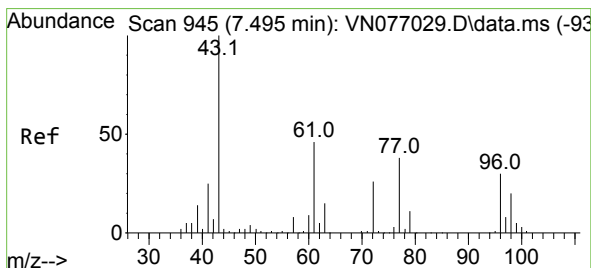
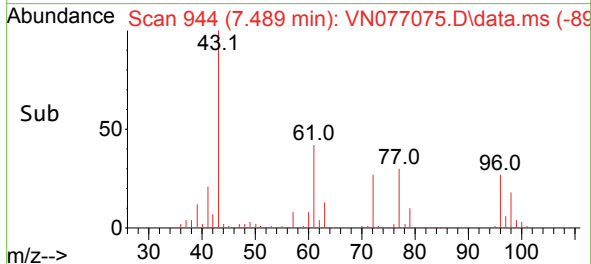
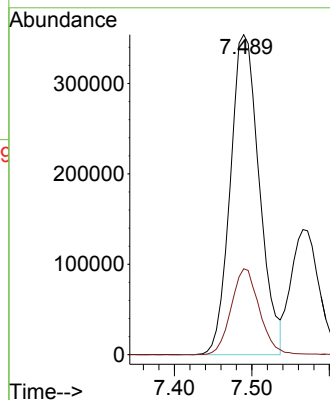
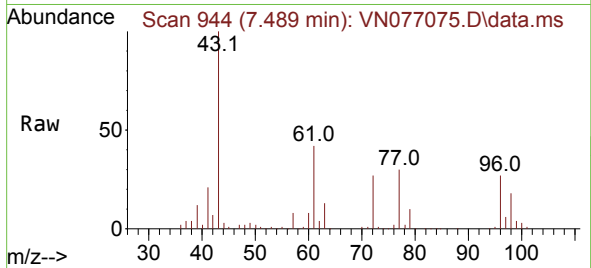




#25
2-Butanone
Concen: 282.943 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

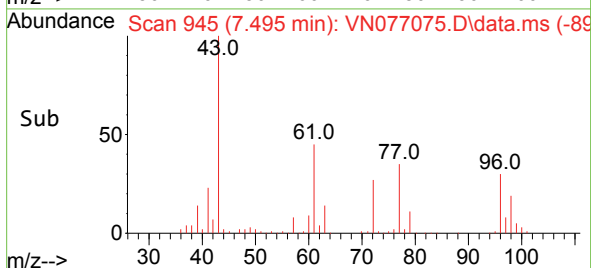
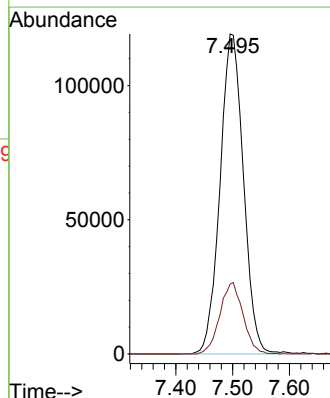
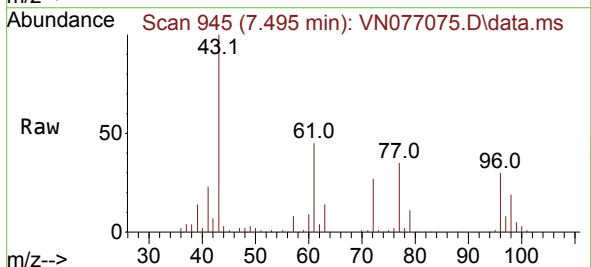
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

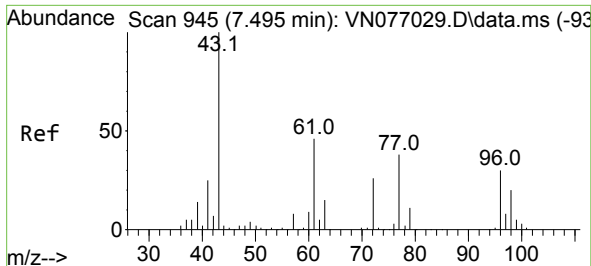
Tgt Ion: 43 Resp: 924614
Ion Ratio Lower Upper
43 100
72 26.9 20.7 31.1



#26
2,2-Dichloropropane
Concen: 51.847 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion: 77 Resp: 341196
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.9

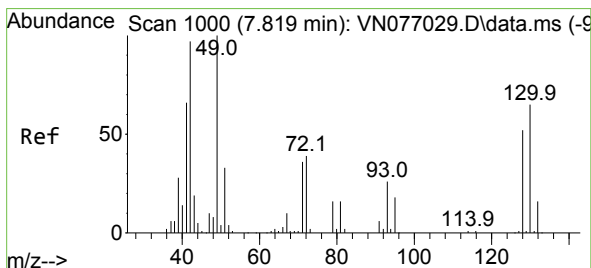
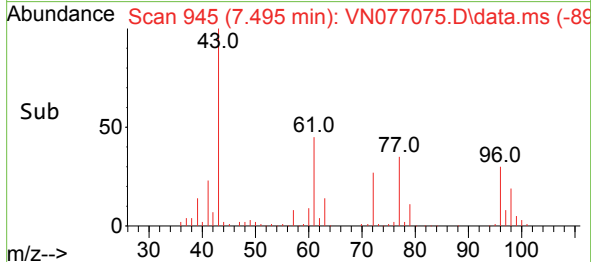
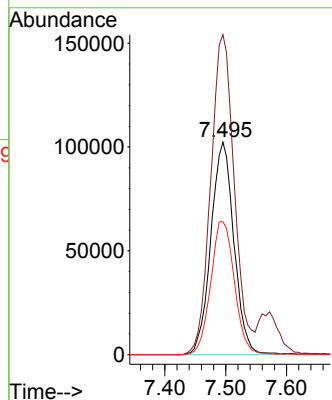
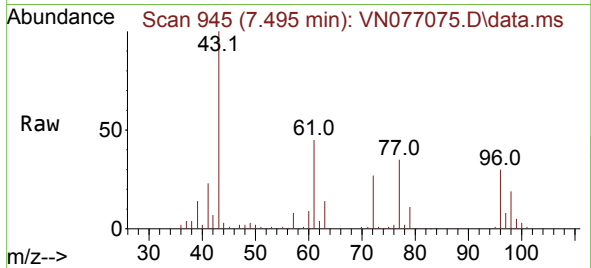




#27
 cis-1,2-Dichloroethene
 Concen: 56.913 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077075.D
 Acq: 20 Mar 2023 17:54

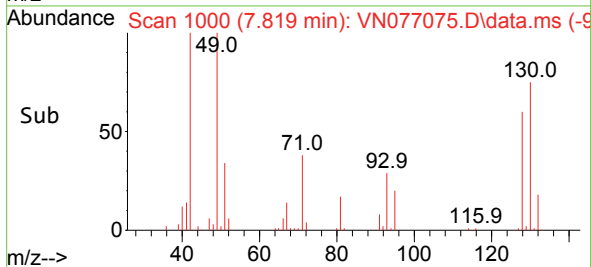
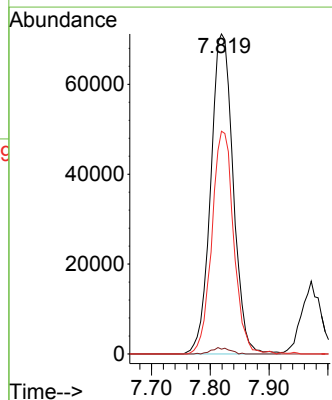
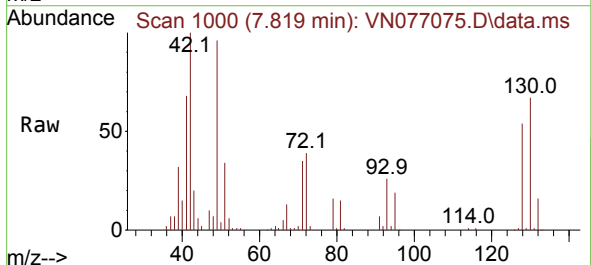
Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D1-20230314MSD

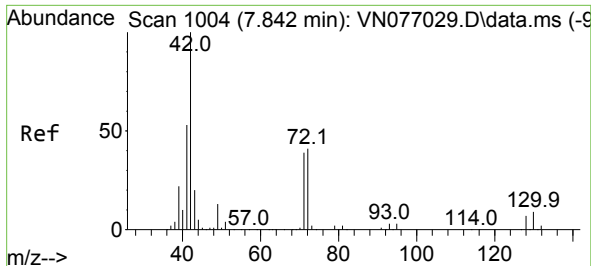
Tgt Ion: 96 Resp: 269219
 Ion Ratio Lower Upper
 96 100
 61 154.2 0.0 315.4
 98 64.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 49.778 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077075.D
 Acq: 20 Mar 2023 17:54

Tgt Ion: 49 Resp: 189067
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 67.6 51.9 77.9





#29

Tetrahydrofuran

Concen: 292.607 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

RE126D1-20230314MSD

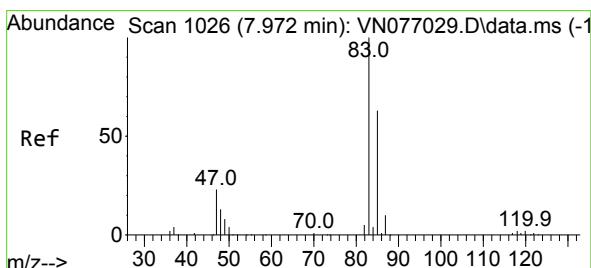
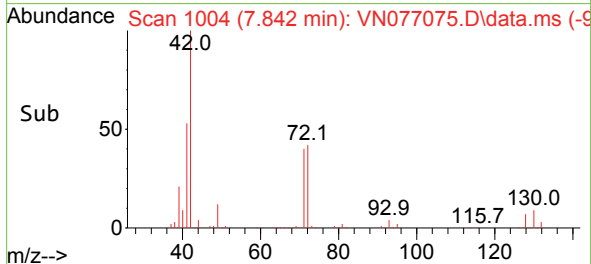
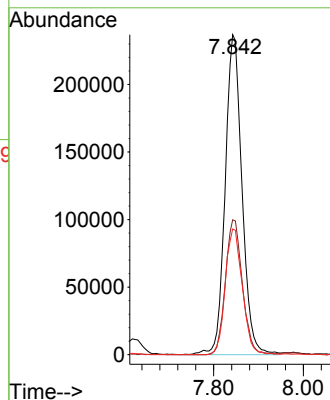
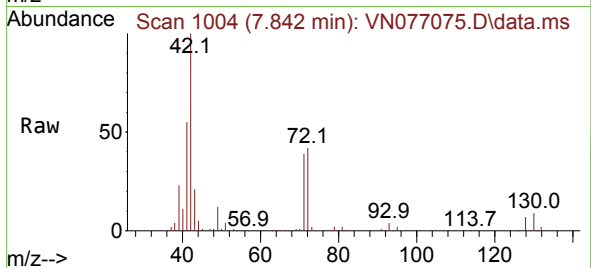
Tgt Ion: 42 Resp: 619620

Ion Ratio Lower Upper

42 100

72 42.4 33.2 49.8

71 39.7 31.0 46.4



#30

Chloroform

Concen: 54.203 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077075.D

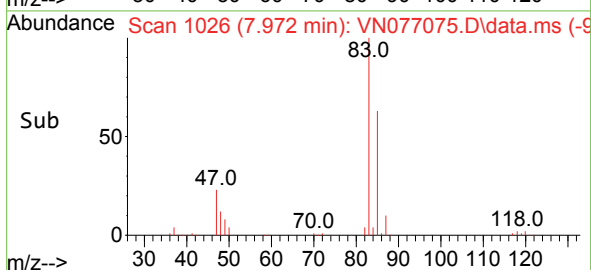
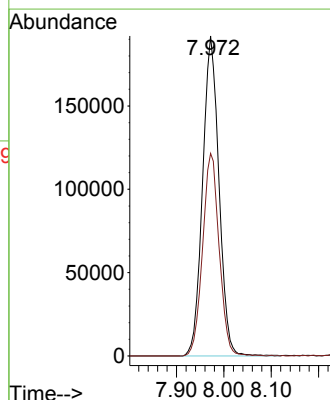
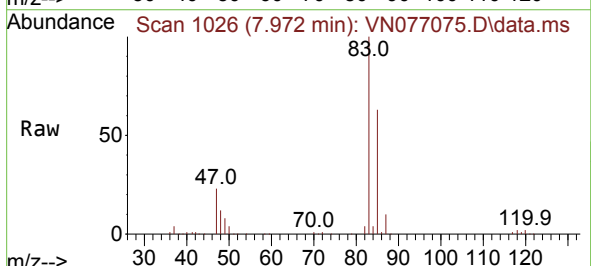
Acq: 20 Mar 2023 17:54

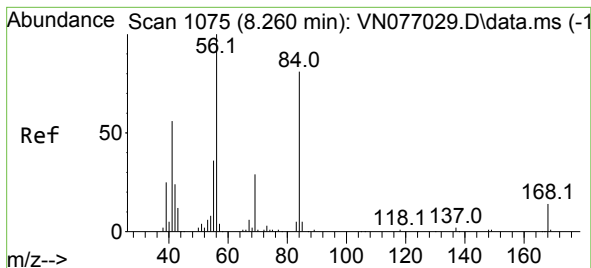
Tgt Ion: 83 Resp: 460126

Ion Ratio Lower Upper

83 100

85 63.3 50.6 75.8





#31

Cyclohexane

Concen: 51.279 ug/l

RT: 8.266 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

RE126D1-20230314MSD

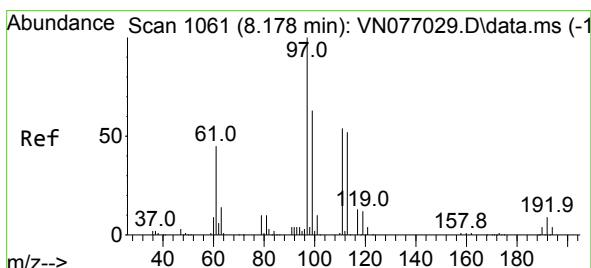
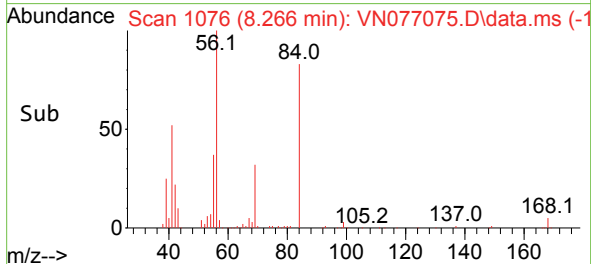
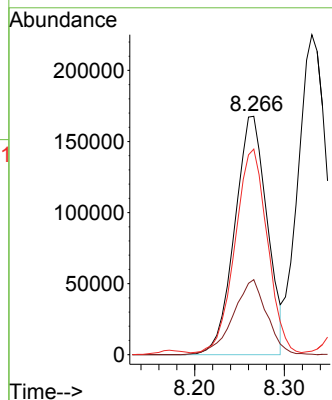
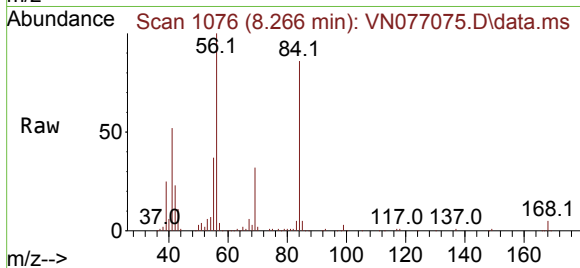
Tgt Ion: 56 Resp: 420627

Ion Ratio Lower Upper

56 100

69 31.5 22.8 34.2

84 84.9 64.7 97.1



#32

1,1,1-Trichloroethane

Concen: 55.671 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. -0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

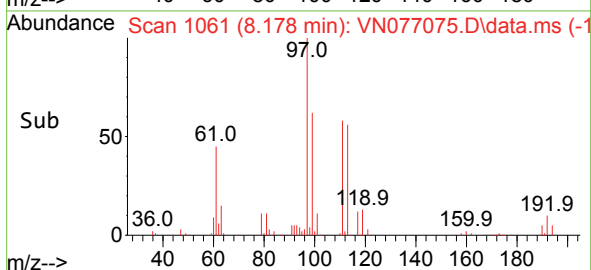
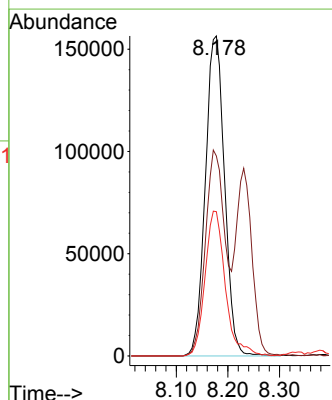
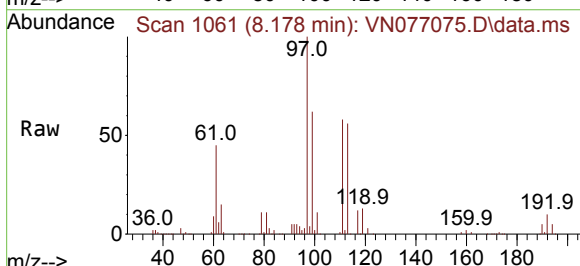
Tgt Ion: 97 Resp: 403914

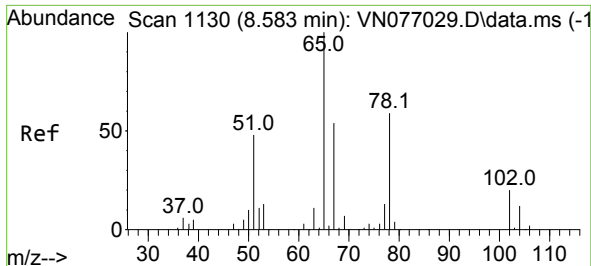
Ion Ratio Lower Upper

97 100

99 66.6 50.2 75.2

61 47.9 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 57.503 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

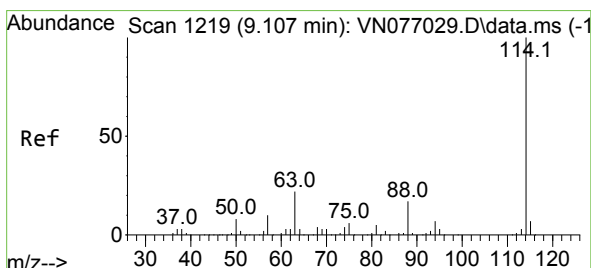
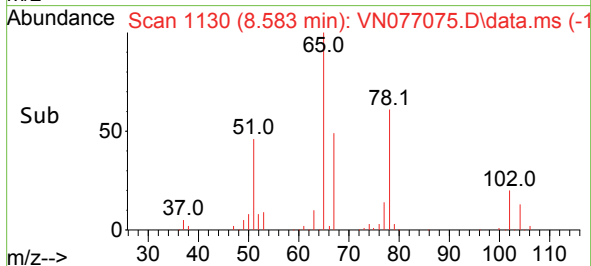
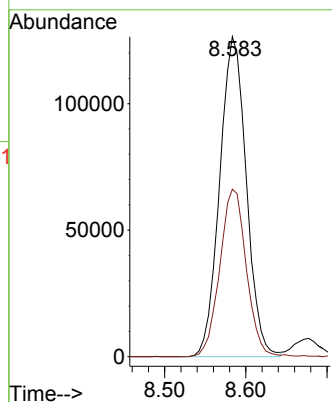
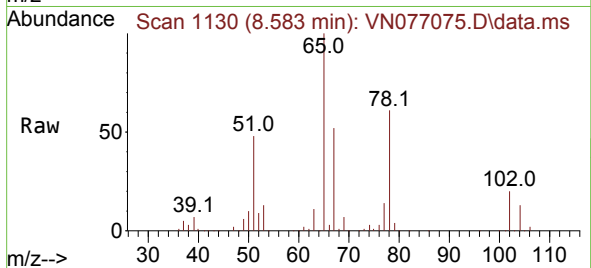
RE126D1-20230314MSD

Tgt Ion: 65 Resp: 288288

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

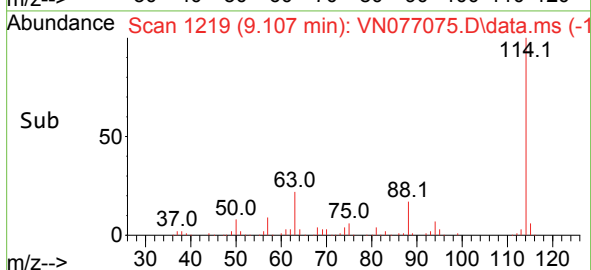
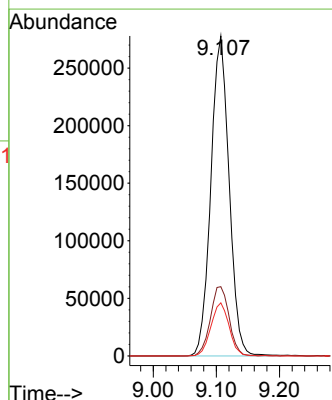
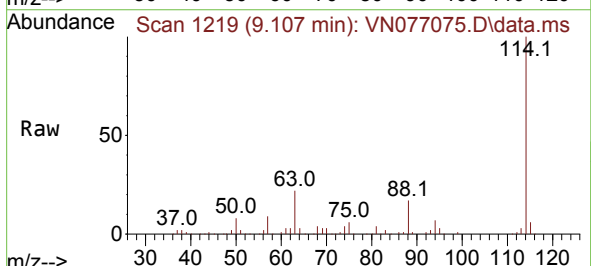
Tgt Ion: 114 Resp: 557348

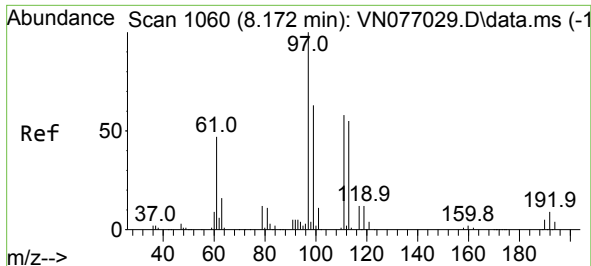
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.6

88 16.6 0.0 33.8

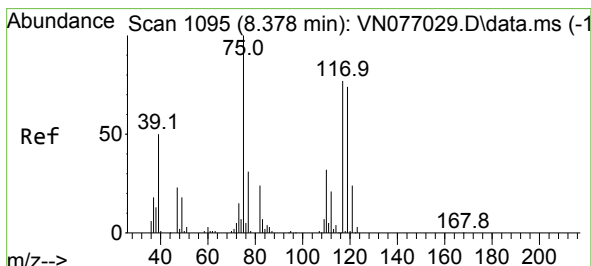
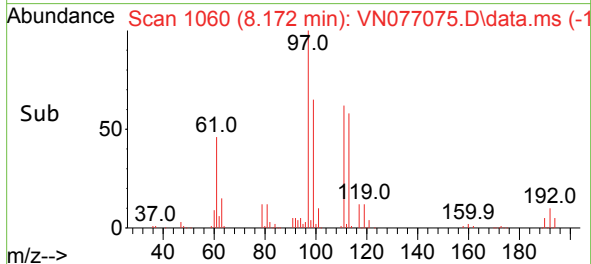
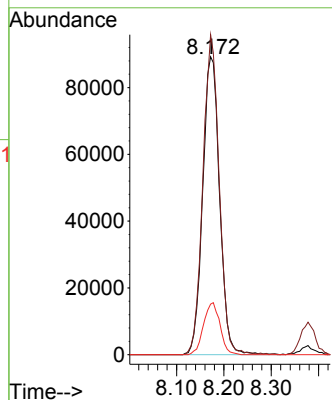
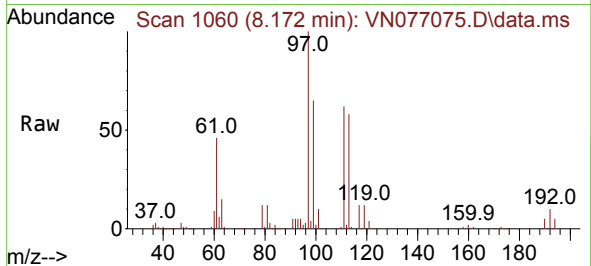




#35
Dibromofluoromethane
Concen: 56.470 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

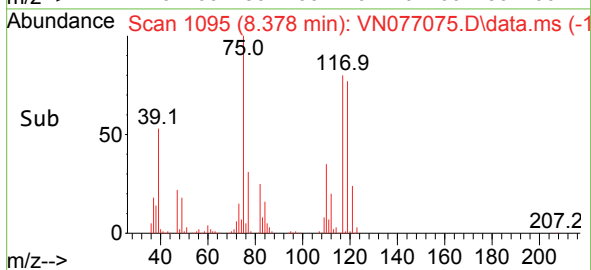
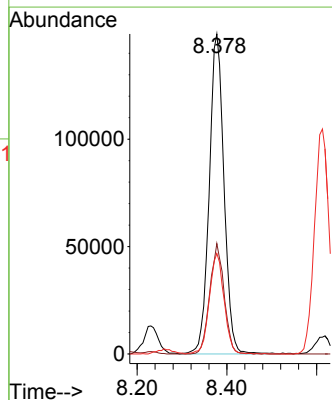
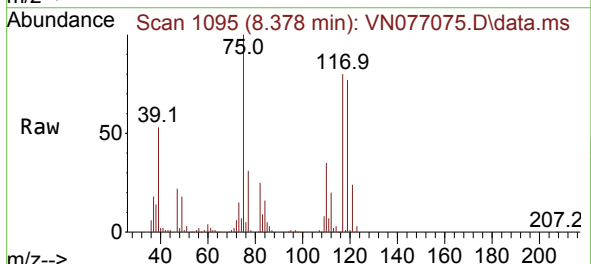
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

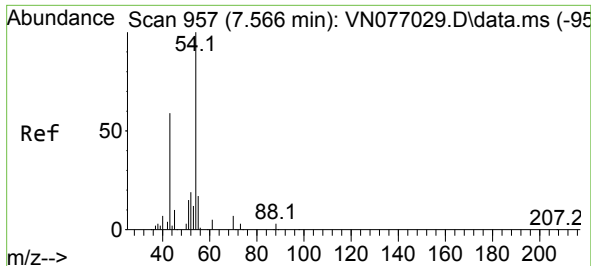
Tgt Ion:113 Resp: 220413
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 17.0 13.0 19.6



#36
1,1-Dichloropropene
Concen: 55.837 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion: 75 Resp: 340406
Ion Ratio Lower Upper
75 100
110 33.5 15.9 47.7
77 31.4 24.3 36.5

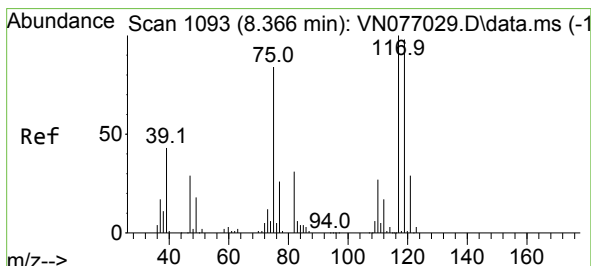
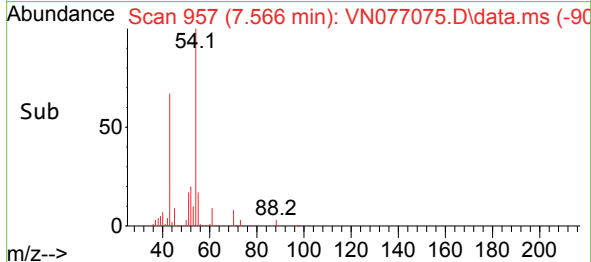
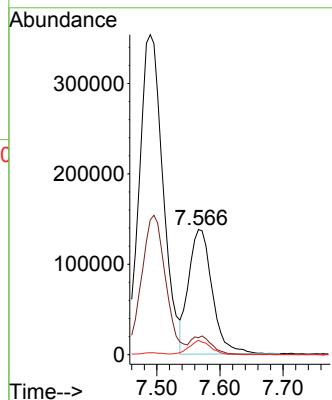
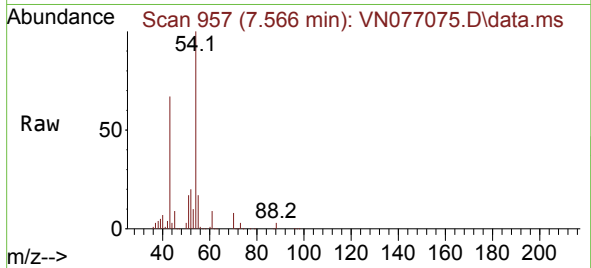




#37
Ethyl Acetate
Concen: 54.920 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

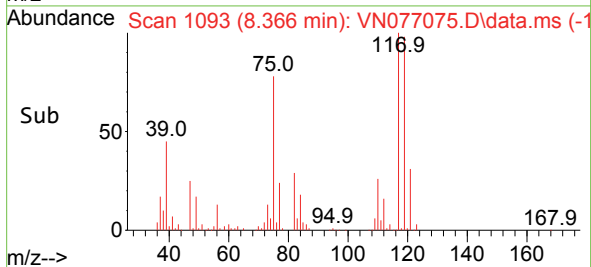
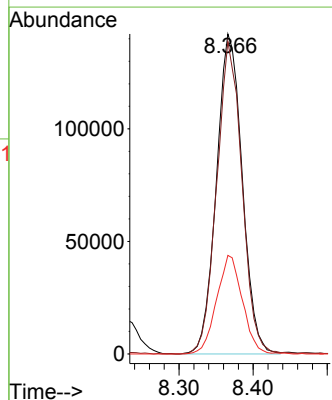
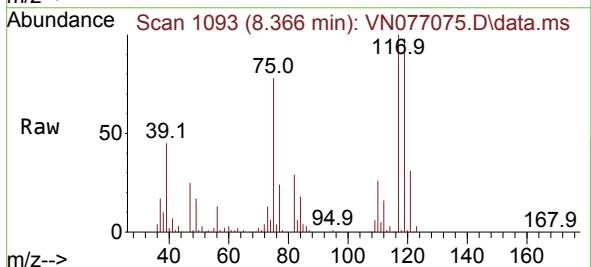
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

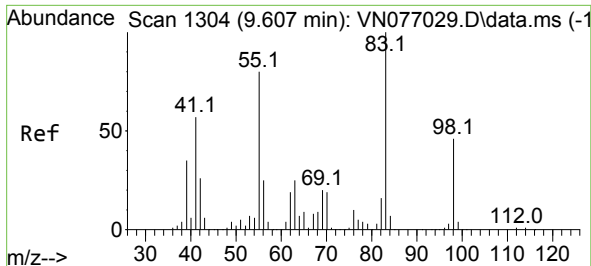
Tgt Ion: 43 Resp: 358230
Ion Ratio Lower Upper
43 100
61 12.8 11.0 16.6
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 57.907 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion: 117 Resp: 343858
Ion Ratio Lower Upper
117 100
119 97.7 78.2 117.2
121 30.8 23.2 34.8





#39

Methylcyclohexane

Concen: 59.198 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077075.D

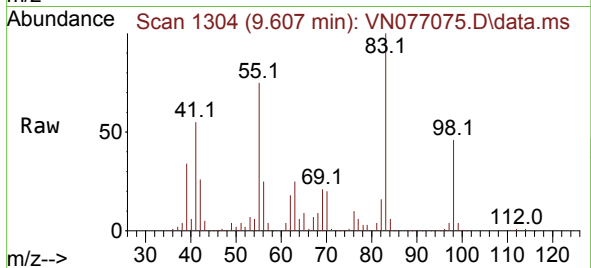
Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

RE126D1-20230314MSD



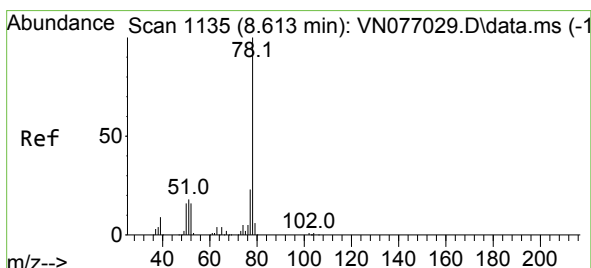
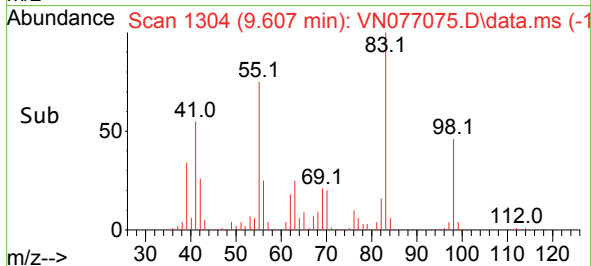
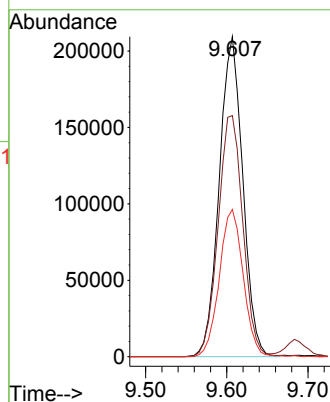
Tgt Ion: 83 Resp: 422426

Ion Ratio Lower Upper

83 100

55 75.4 63.8 95.8

98 46.0 37.1 55.7



#40

Benzene

Concen: 56.173 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077075.D

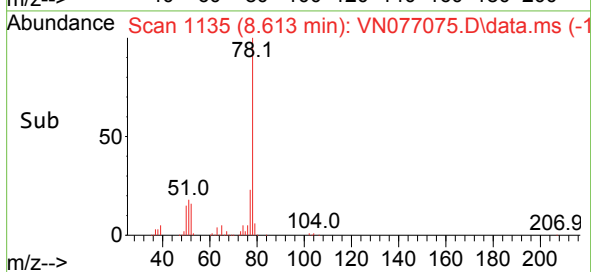
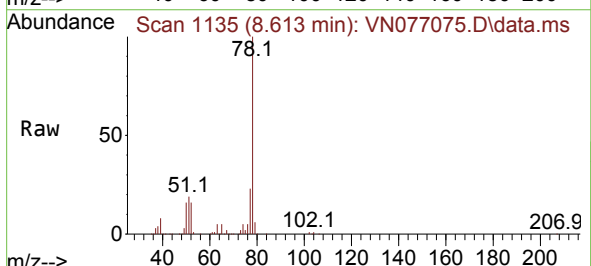
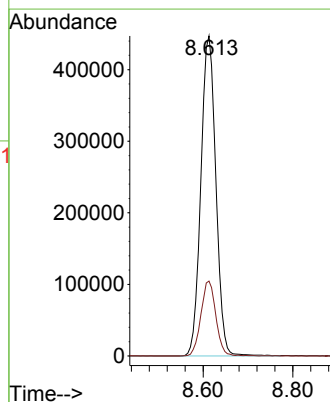
Acq: 20 Mar 2023 17:54

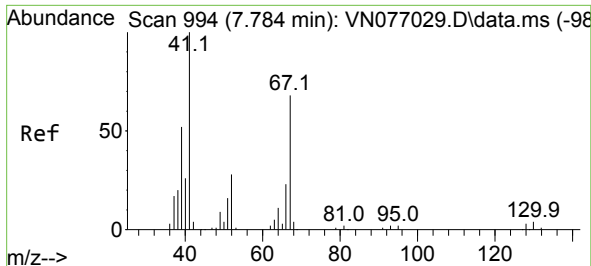
Tgt Ion: 78 Resp: 1038582

Ion Ratio Lower Upper

78 100

77 23.4 18.5 27.7

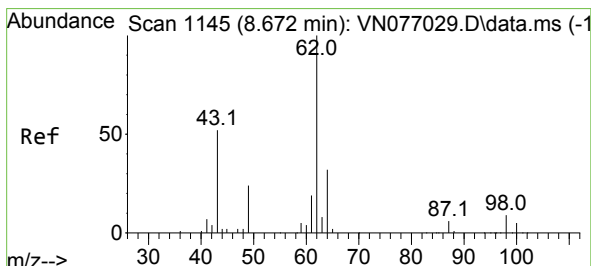
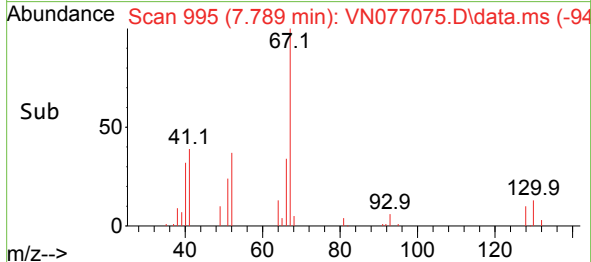
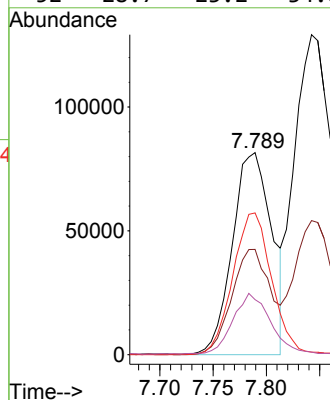
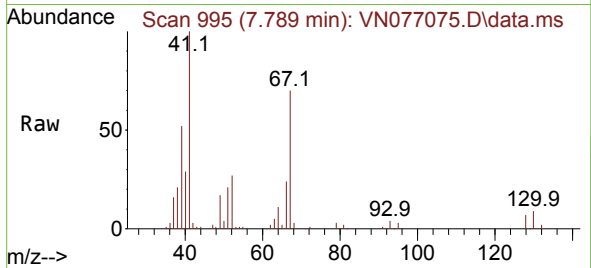




#41
Methacrylonitrile
Concen: 59.818 ug/l
RT: 7.789 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

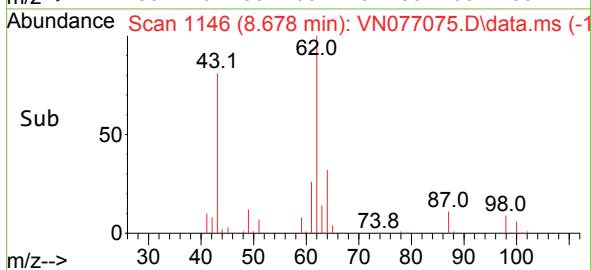
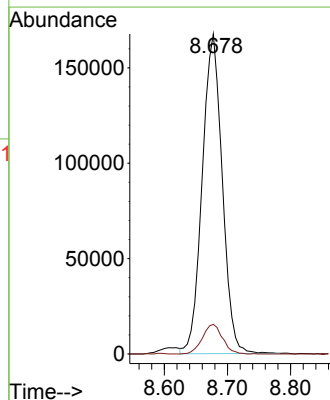
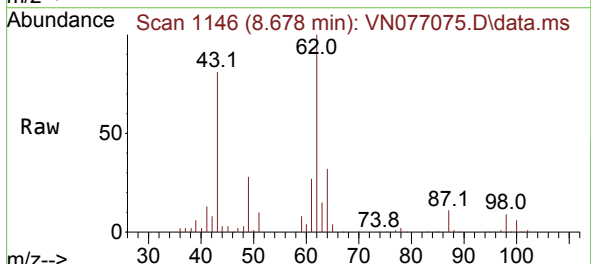
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

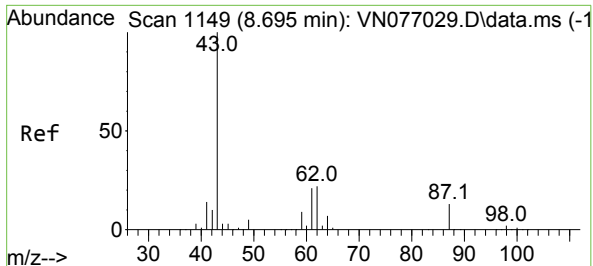
Tgt Ion:	41	Resp:	210194
Ion	Ratio	Lower	Upper
41	100		
39	51.2	41.6	62.4
67	69.5	53.8	80.8
52	28.7	23.2	34.8



#42
1,2-Dichloroethane
Concen: 55.137 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion:	62	Resp:	368377
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.4

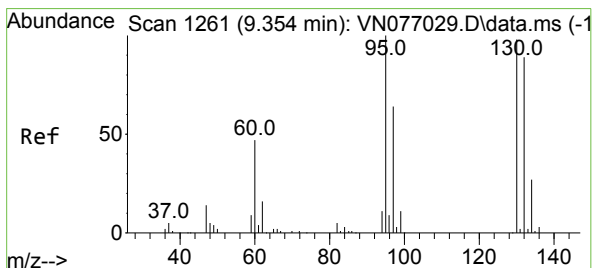
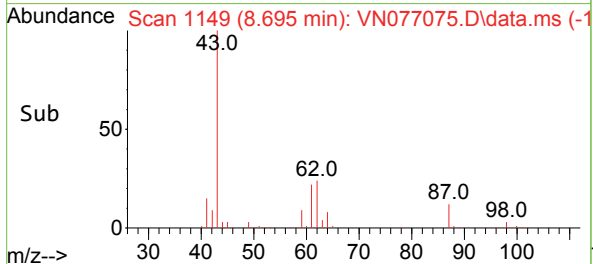
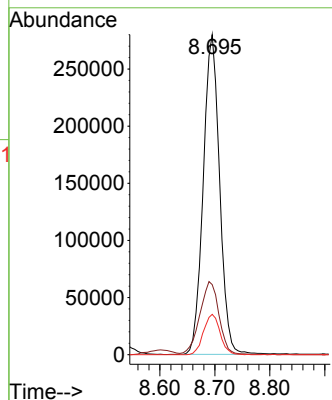
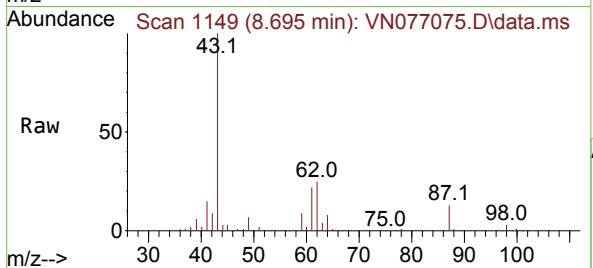




#43
Isopropyl Acetate
Concen: 56.881 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

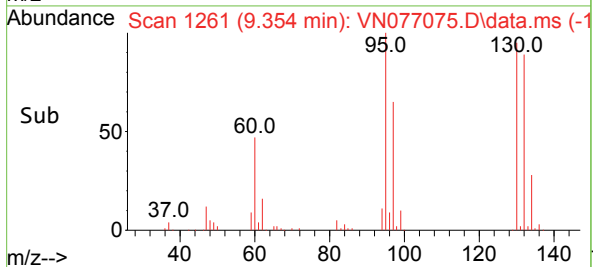
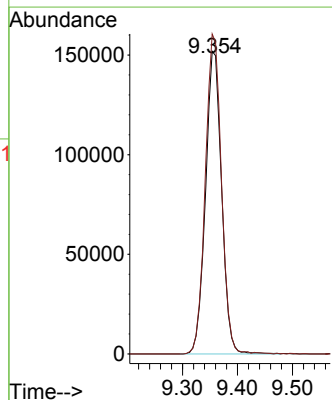
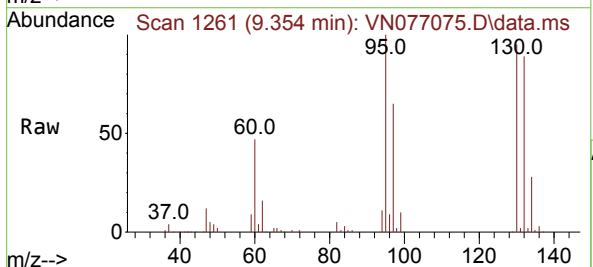
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

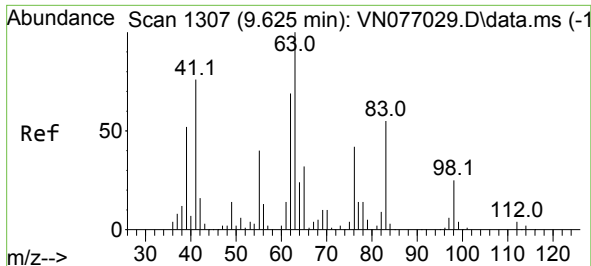
Tgt Ion: 43 Resp: 579596
Ion Ratio Lower Upper
43 100
61 26.9 20.6 30.8
87 12.8 10.0 15.0



#44
Trichloroethene
Concen: 72.713 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion:130 Resp: 308801
Ion Ratio Lower Upper
130 100
95 105.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 56.160 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

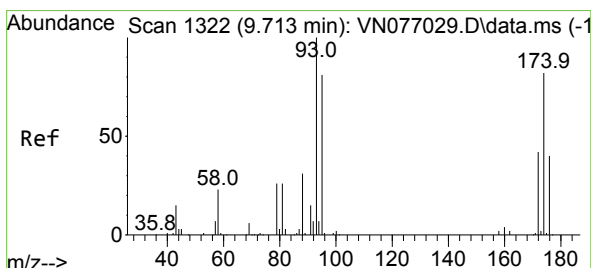
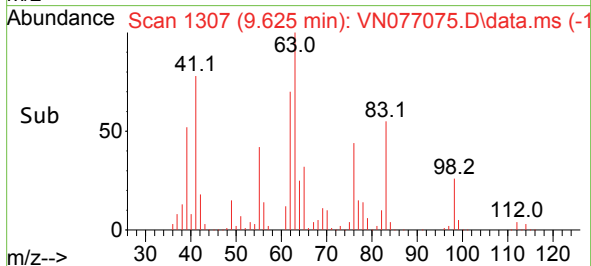
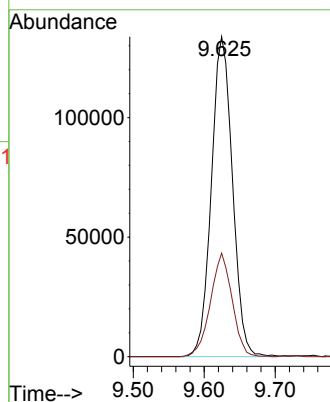
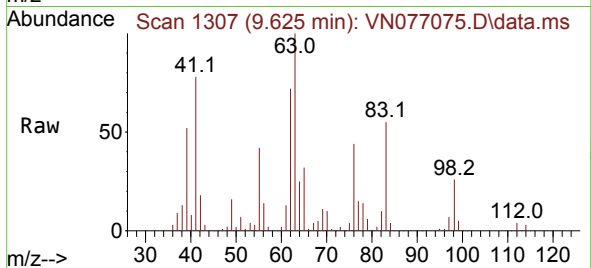
RE126D1-20230314MSD

Tgt Ion: 63 Resp: 275776

Ion Ratio Lower Upper

63 100

65 32.4 25.5 38.3



#46

Dibromomethane

Concen: 55.869 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

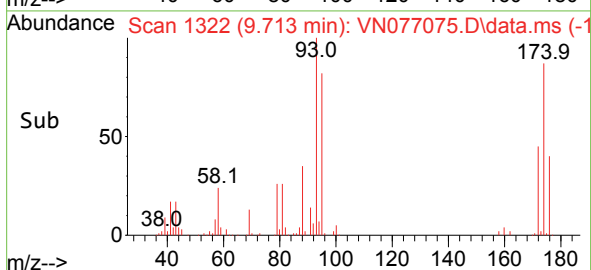
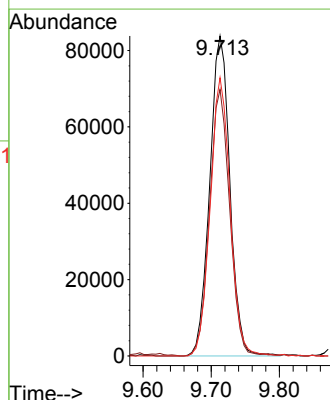
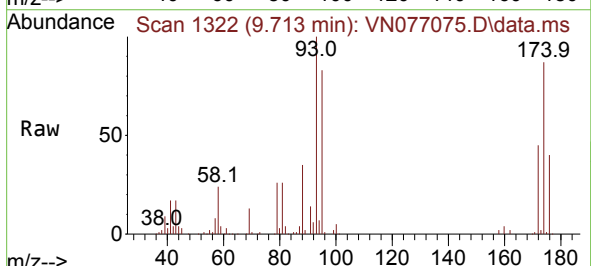
Tgt Ion: 93 Resp: 173024

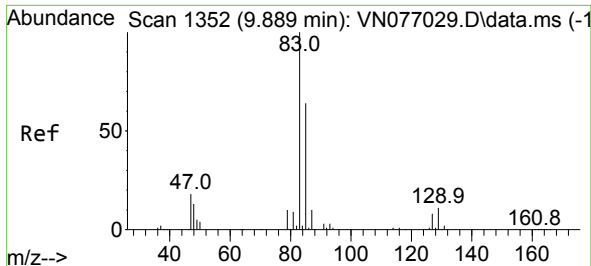
Ion Ratio Lower Upper

93 100

95 82.9 65.7 98.5

174 86.1 66.4 99.6

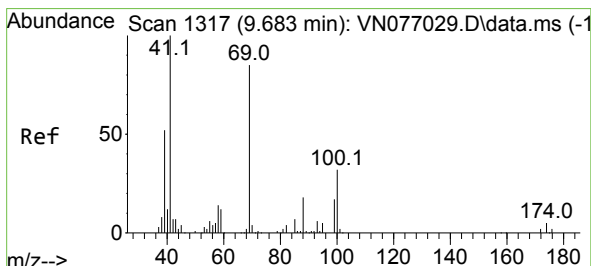
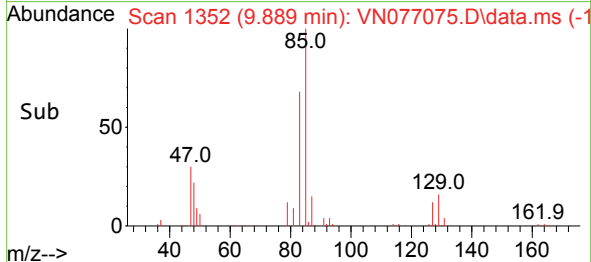
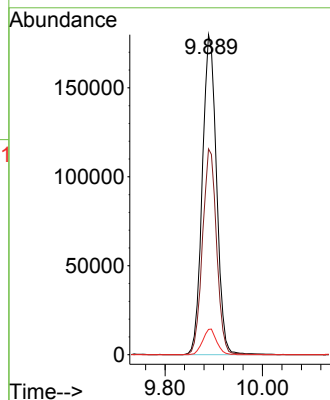
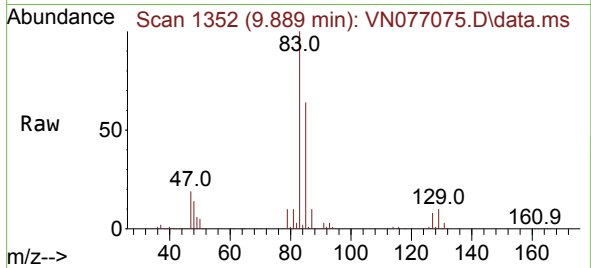




#47
Bromodichloromethane
Concen: 56.021 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

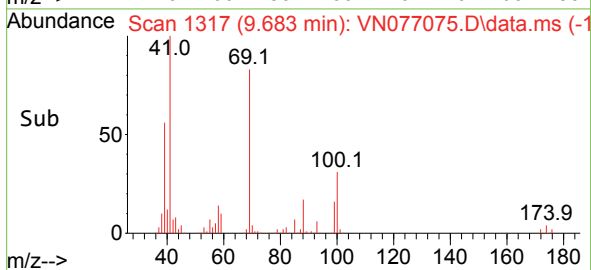
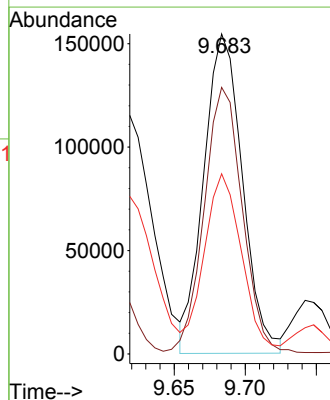
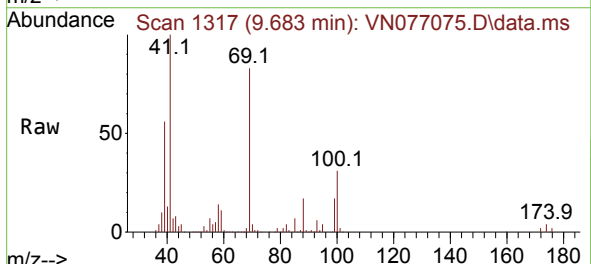
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

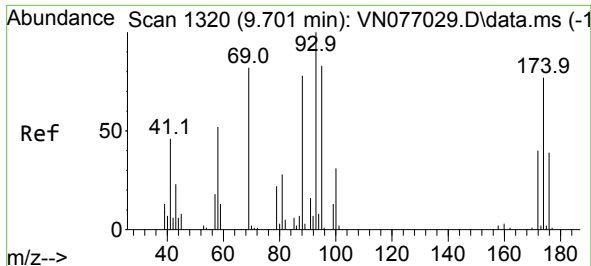
Tgt Ion: 83 Resp: 363880
Ion Ratio Lower Upper
83 100
85 64.3 51.0 76.4
127 7.9 6.1 9.1



#48
Methyl methacrylate
Concen: 59.931 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion: 41 Resp: 291942
Ion Ratio Lower Upper
41 100
69 82.3 64.3 96.5
39 55.2 43.2 64.8





#49

1,4-Dioxane

Concen: 1301.485 ug/l

RT: 9.701 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077075.D

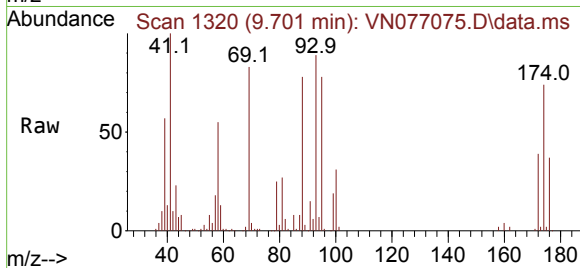
Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

RE126D1-20230314MSD



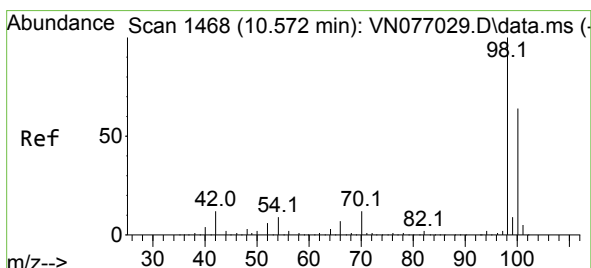
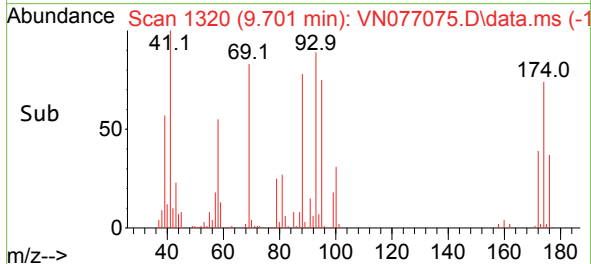
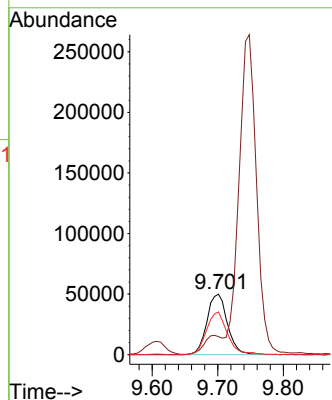
Tgt Ion: 88 Resp: 108285

Ion Ratio Lower Upper

88 100

43 27.5 22.2 33.2

58 72.5 60.8 91.2



#50

Toluene-d8

Concen: 59.913 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077075.D

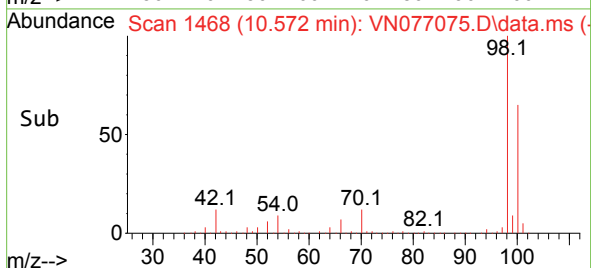
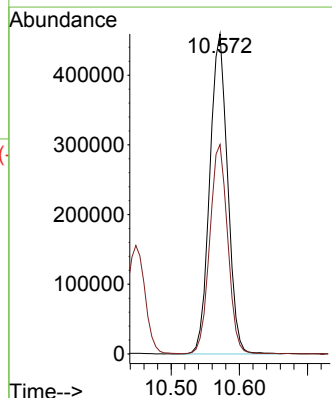
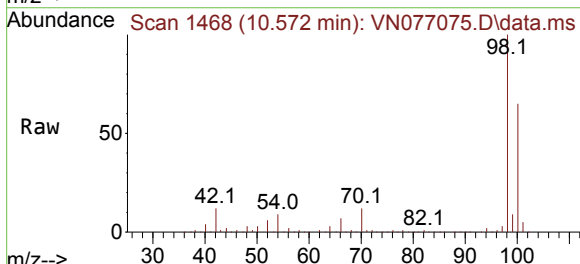
Acq: 20 Mar 2023 17:54

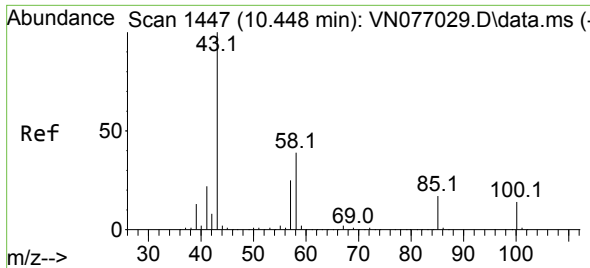
Tgt Ion: 98 Resp: 835343

Ion Ratio Lower Upper

98 100

100 65.6 51.6 77.4

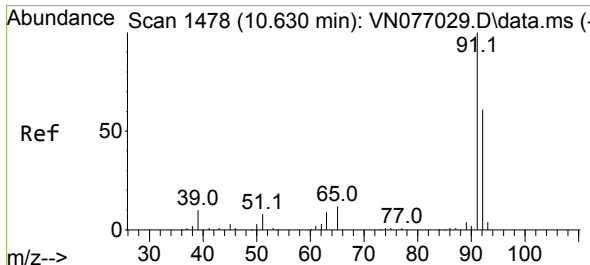
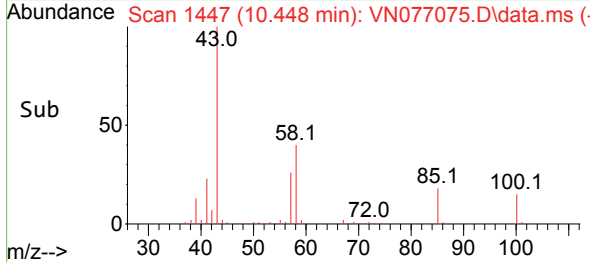
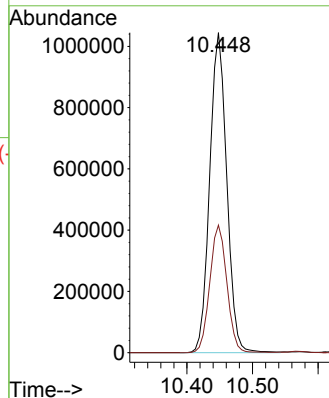
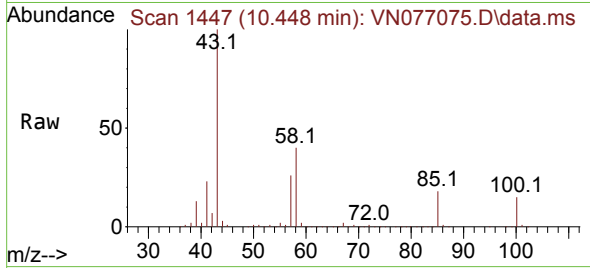




#51
4-Methyl-2-Pentanone
Concen: 296.689 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

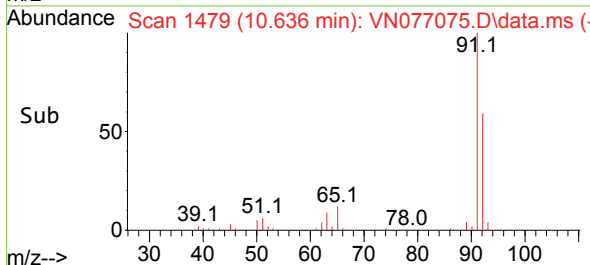
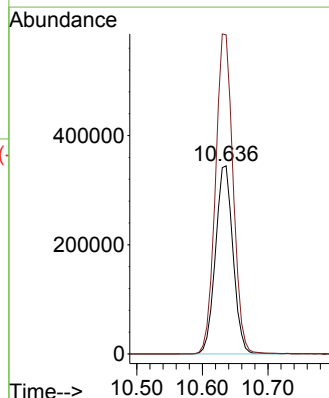
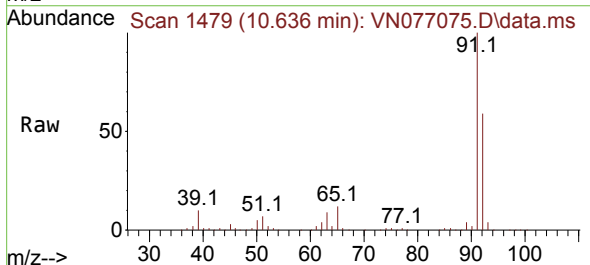
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

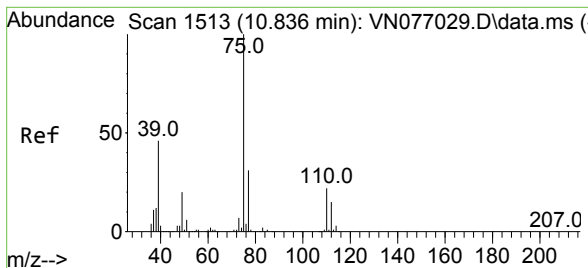
Tgt Ion: 43 Resp: 1882582
Ion Ratio Lower Upper
43 100
58 40.1 31.1 46.7



#52
Toluene
Concen: 57.674 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion: 92 Resp: 636684
Ion Ratio Lower Upper
92 100
91 171.6 135.8 203.8

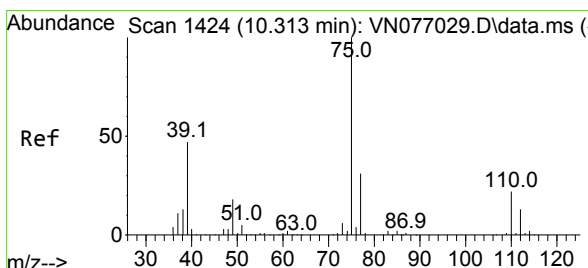
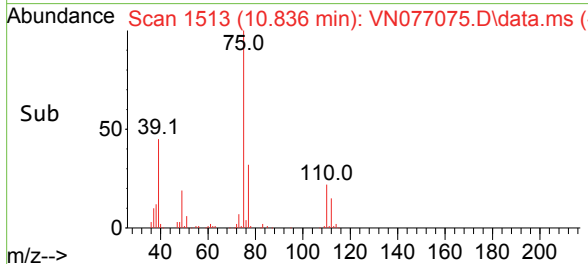
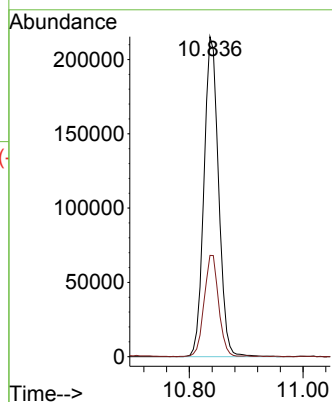
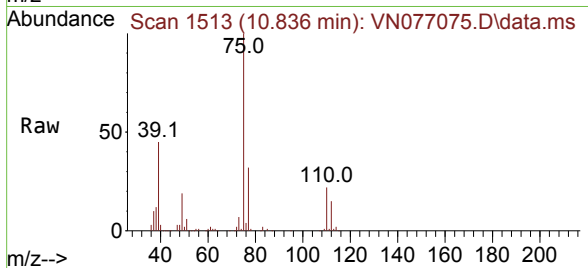




#53
t-1,3-Dichloropropene
Concen: 60.366 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

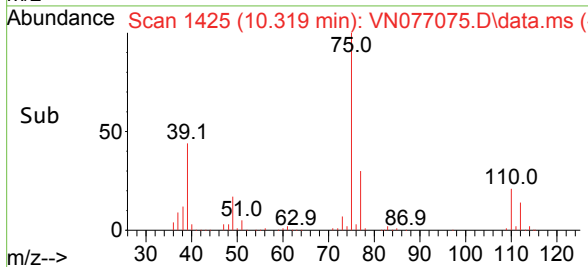
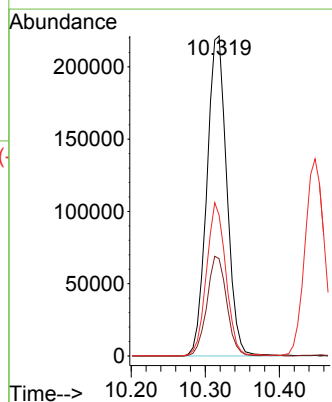
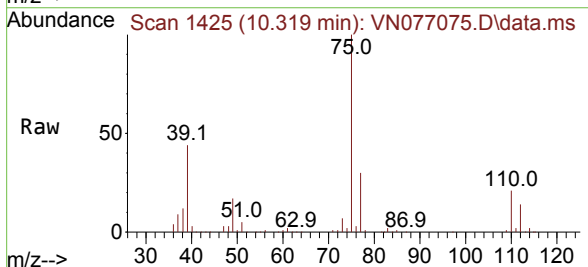
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

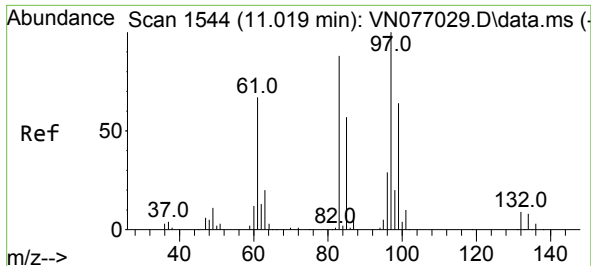
Tgt Ion: 75 Resp: 384296
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 57.547 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

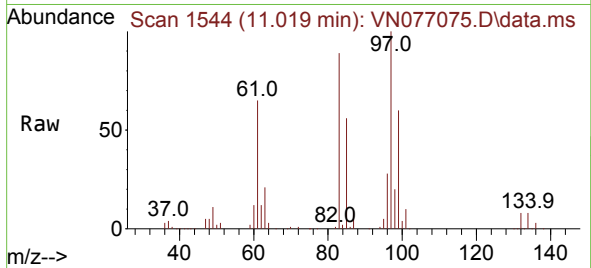
Tgt Ion: 75 Resp: 413351
Ion Ratio Lower Upper
75 100
77 30.4 24.5 36.7
39 44.0 37.8 56.6



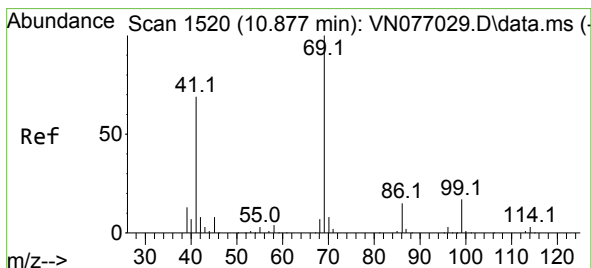
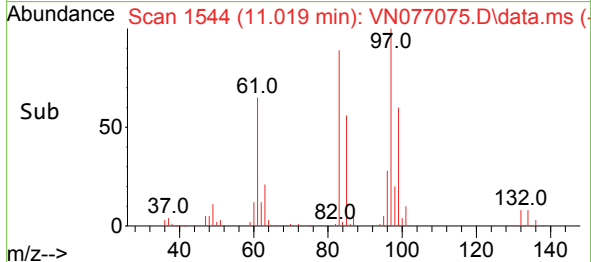
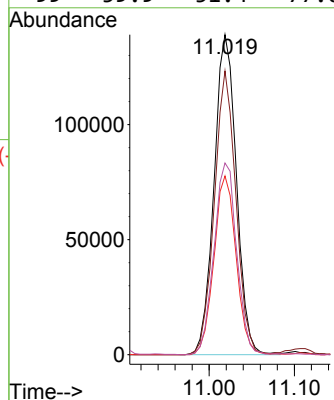


#55
1,1,2-Trichloroethane
Concen: 58.197 ug/l
RT: 11.019 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

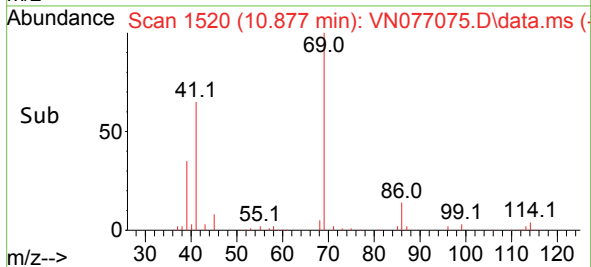
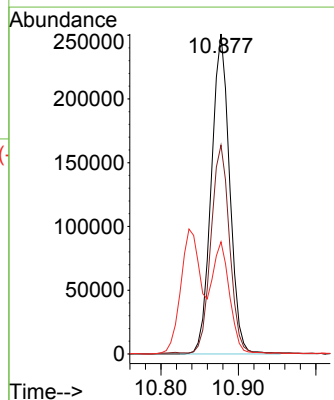
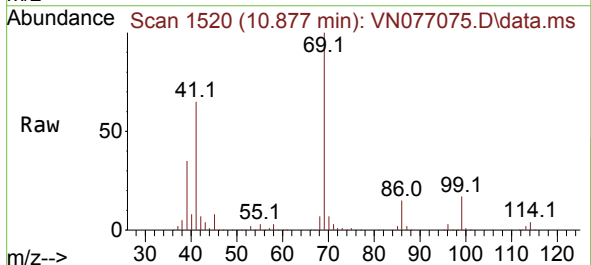


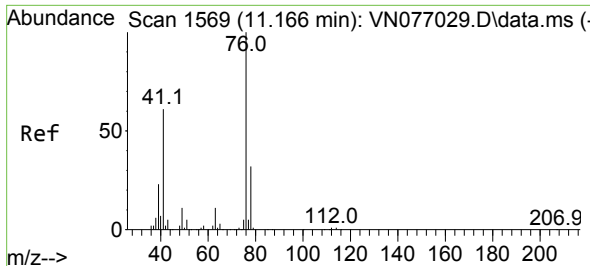
Tgt Ion:	97	Resp:	253344
Ion	Ratio	Lower	Upper
97	100		
83	88.7	70.5	105.7
85	55.9	45.4	68.2
99	59.9	51.4	77.0



#56
Ethyl methacrylate
Concen: 62.845 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion:	69	Resp:	411380
Ion	Ratio	Lower	Upper
69	100		
41	65.4	54.9	82.3
39	32.0	26.6	40.0





#57

1,3-Dichloropropane

Concen: 55.776 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

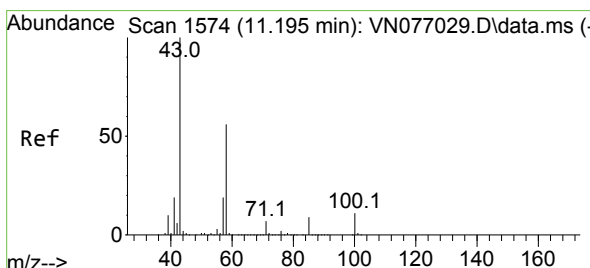
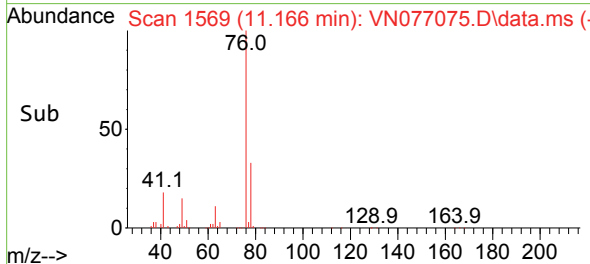
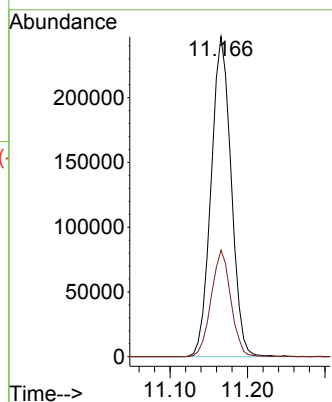
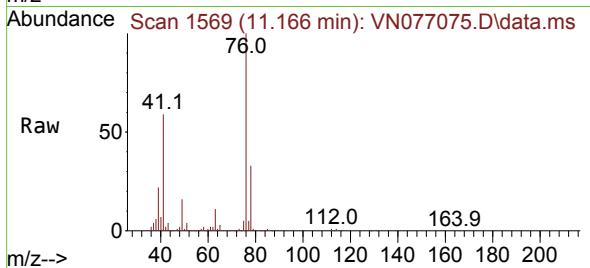
RE126D1-20230314MSD

Tgt Ion: 76 Resp: 444526

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#59

2-Hexanone

Concen: 303.115 ug/l

RT: 11.195 min Scan# 1574

Delta R.T. -0.000 min

Lab File: VN077075.D

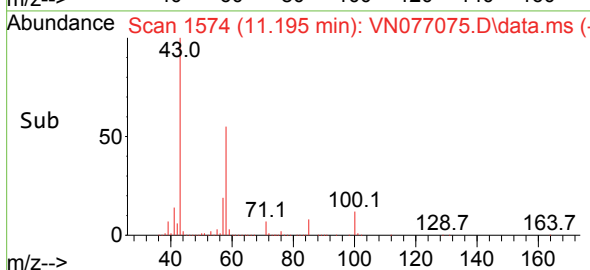
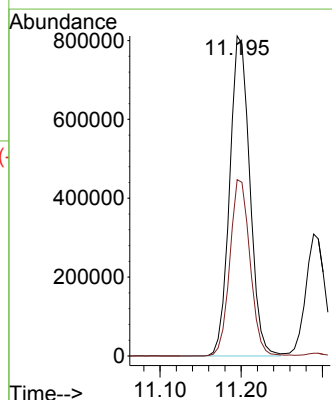
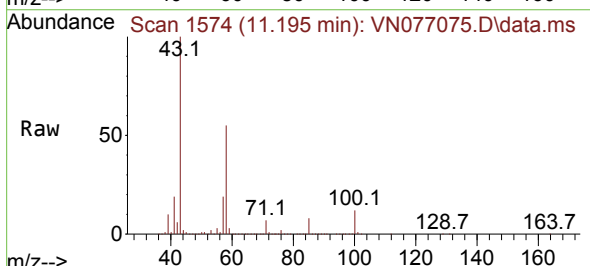
Acq: 20 Mar 2023 17:54

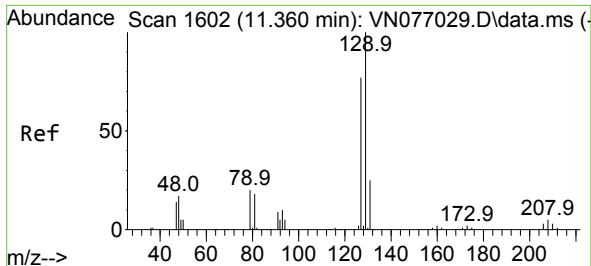
Tgt Ion: 43 Resp: 1395037

Ion Ratio Lower Upper

43 100

58 55.2 27.7 83.1

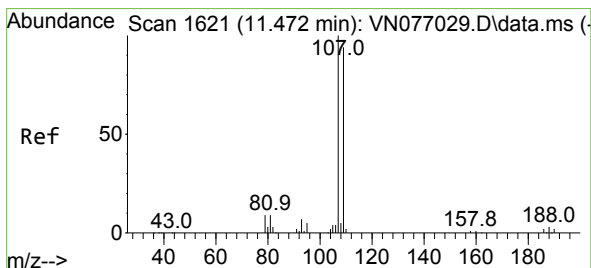
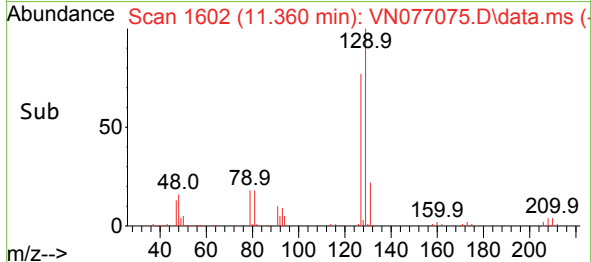
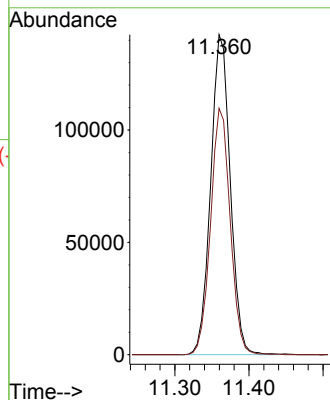
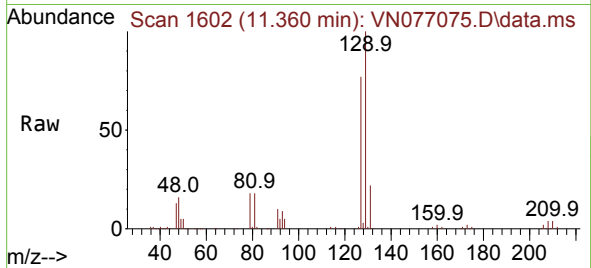




#60
Dibromochloromethane
Concen: 59.742 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

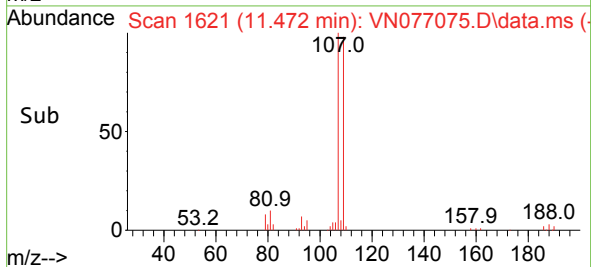
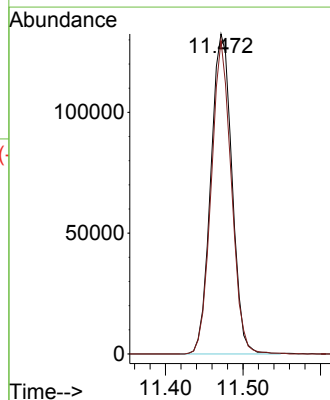
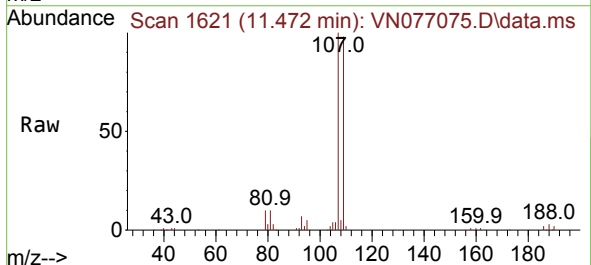
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

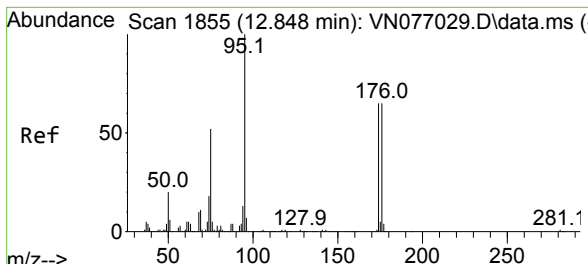
Tgt Ion:129 Resp: 261236
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.7



#61
1,2-Dibromoethane
Concen: 58.146 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion:107 Resp: 251007
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4

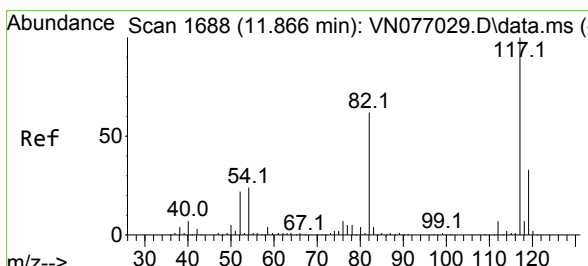
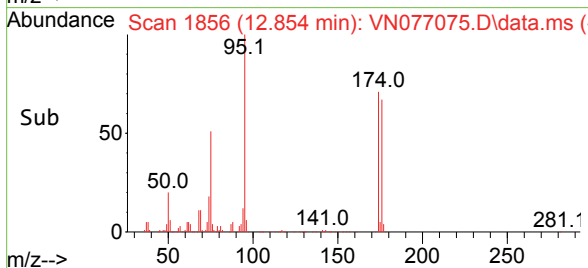
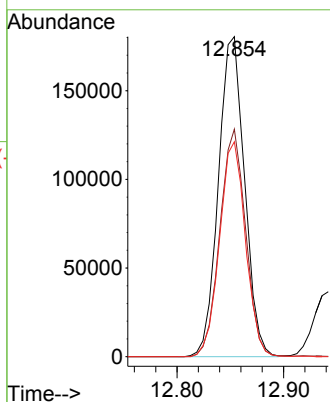
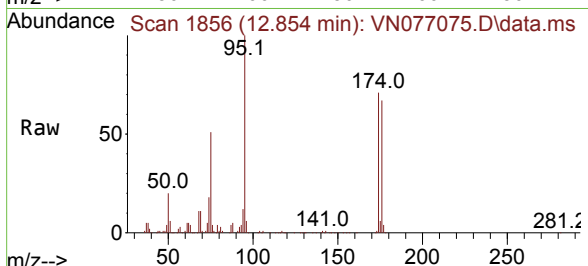




#62
4-Bromofluorobenzene
Concen: 62.384 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

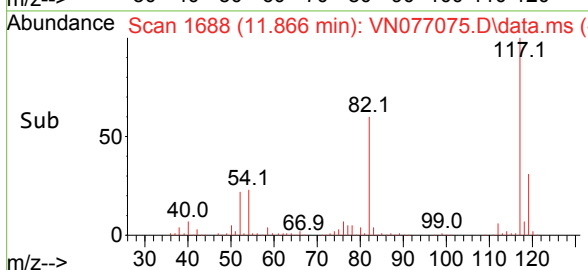
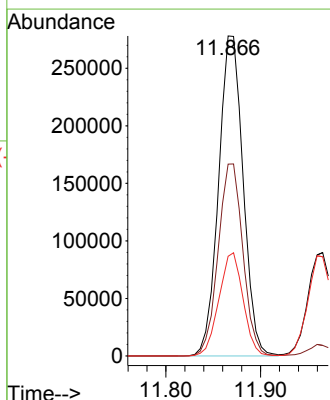
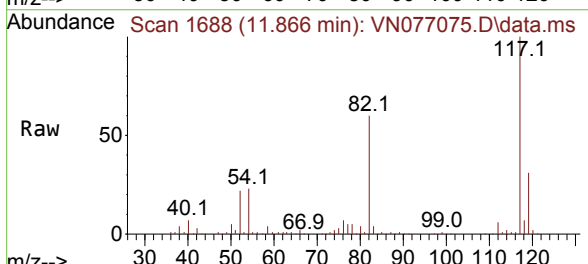
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

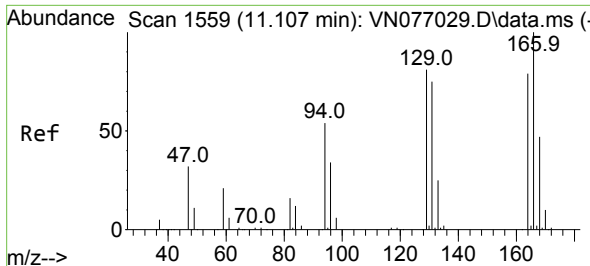
Tgt Ion:	95	Resp:	307356
Ion Ratio	Lower	Upper	
95	100		
174	70.0	0.0	136.6
176	66.8	0.0	130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion:	117	Resp:	501359
Ion Ratio	Lower	Upper	
117	100		
82	59.9	49.4	74.0
119	31.1	26.5	39.7

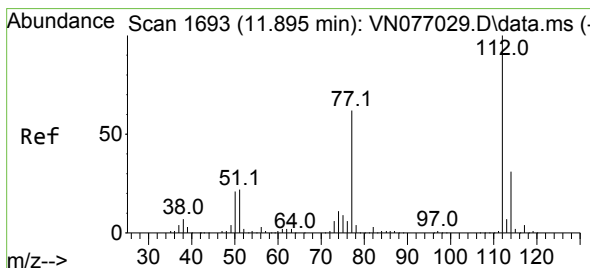
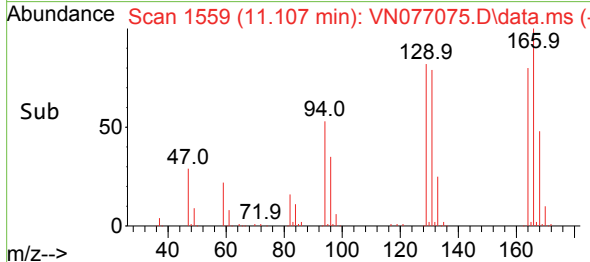
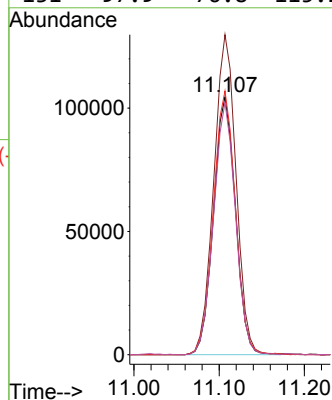
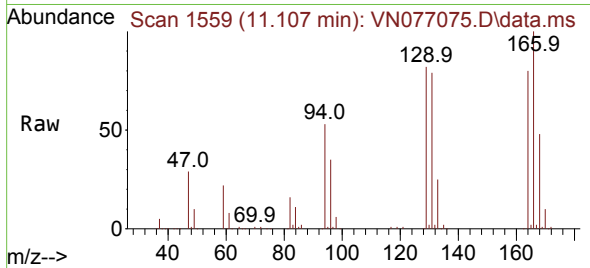




#64
Tetrachloroethene
Concen: 55.564 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

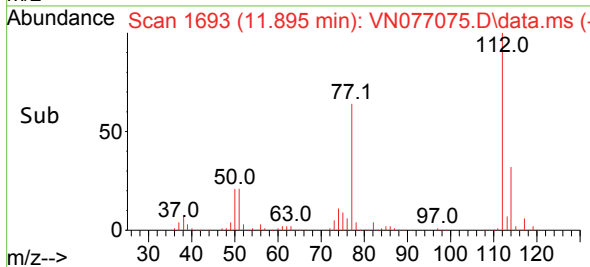
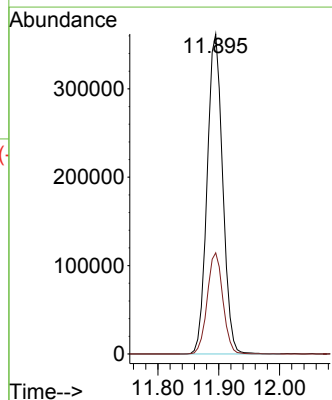
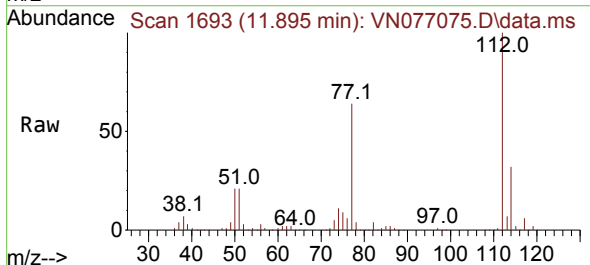
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

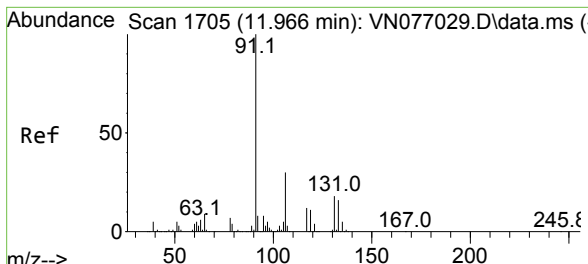
Tgt Ion:164 Resp: 186961
Ion Ratio Lower Upper
164 100
166 124.2 101.9 152.9
129 102.4 82.6 123.8
131 97.9 76.8 115.2



#65
Chlorobenzene
Concen: 55.487 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion:112 Resp: 640076
Ion Ratio Lower Upper
112 100
114 31.6 24.8 37.2

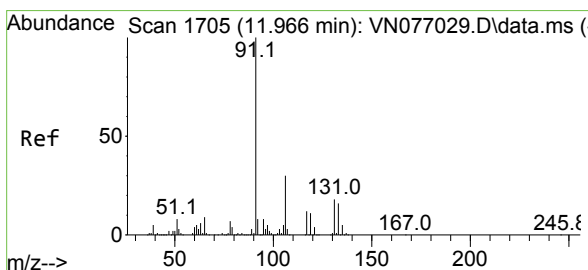
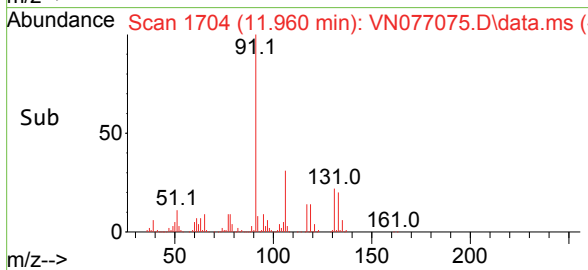
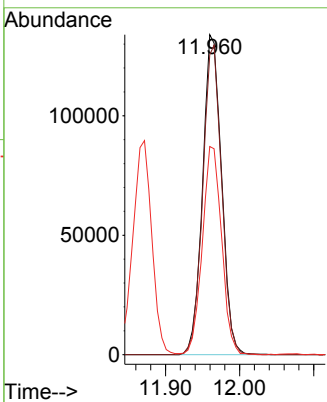
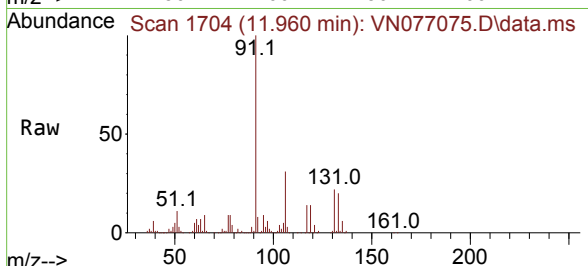




#66
 1,1,1,2-Tetrachloroethane
 Concen: 55.672 ug/l
 RT: 11.960 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN077075.D
 Acq: 20 Mar 2023 17:54

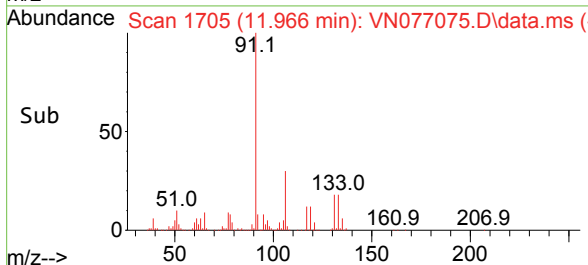
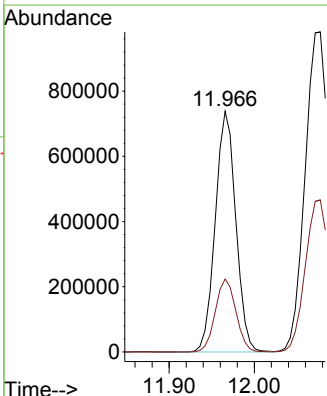
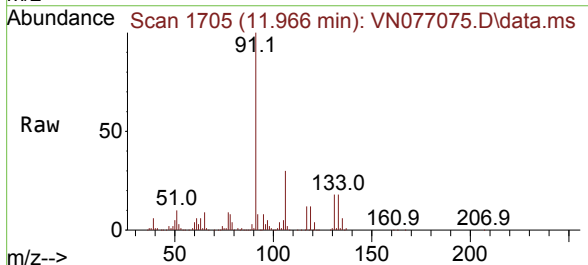
Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D1-20230314MSD

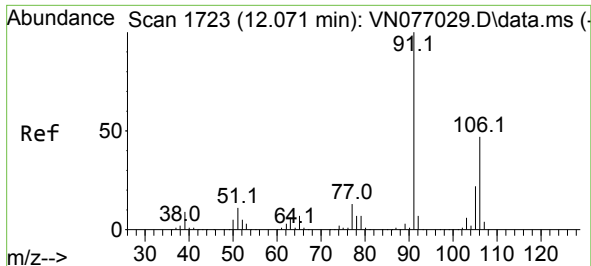
Tgt Ion:	131	Resp:	237631
Ion	Ratio	Lower	Upper
131	100		
133	96.2	46.8	140.3
119	66.2	32.6	97.8



#67
 Ethyl Benzene
 Concen: 58.937 ug/l
 RT: 11.966 min Scan# 1705
 Delta R.T. -0.000 min
 Lab File: VN077075.D
 Acq: 20 Mar 2023 17:54

Tgt Ion:	91	Resp:	1234917
Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.3	36.5

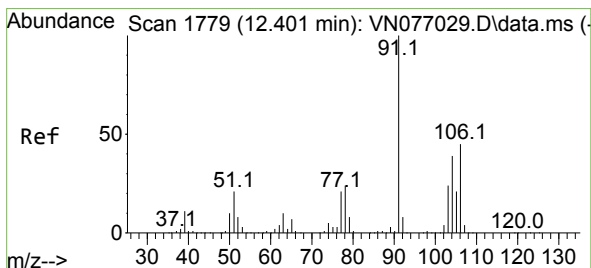
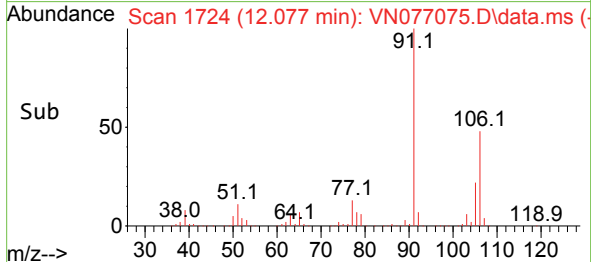
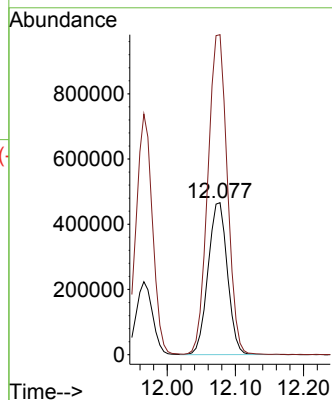
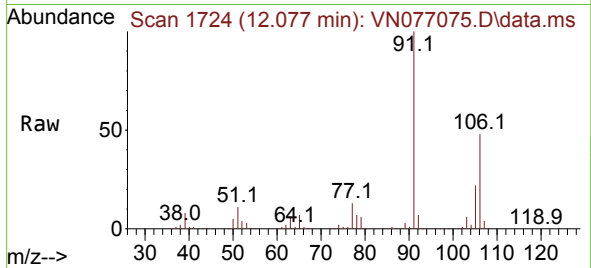




#68
m/p-Xylenes
Concen: 118.315 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

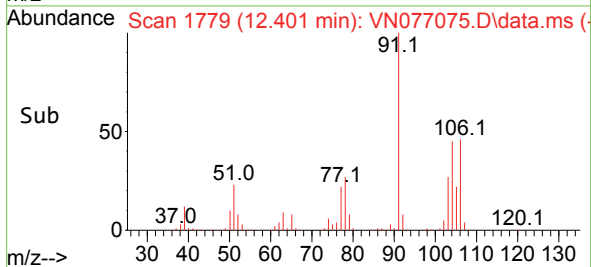
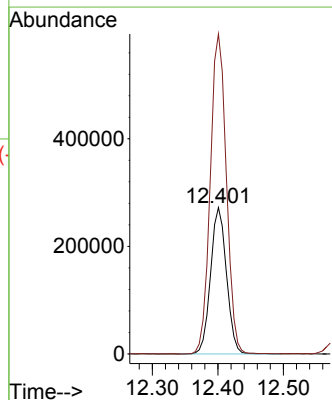
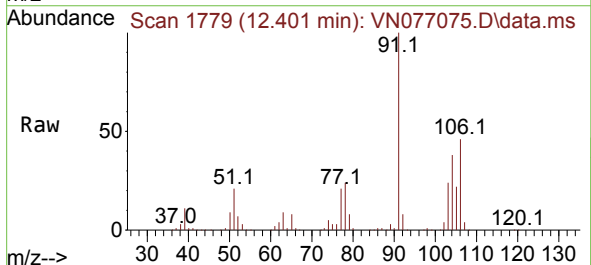
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

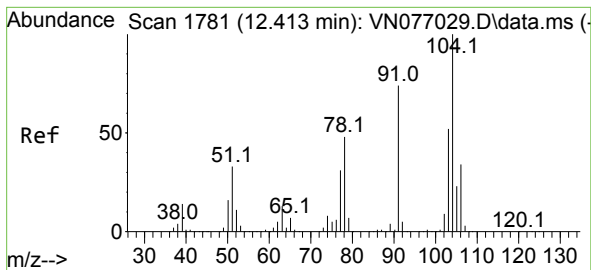
Tgt Ion:106 Resp: 919408
Ion Ratio Lower Upper
106 100
91 212.1 168.0 252.0



#69
o-Xylene
Concen: 59.402 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion:106 Resp: 458664
Ion Ratio Lower Upper
106 100
91 221.6 110.3 330.9





#70

Styrene

Concen: 62.431 ug/l

RT: 12.413 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

RE126D1-20230314MSD

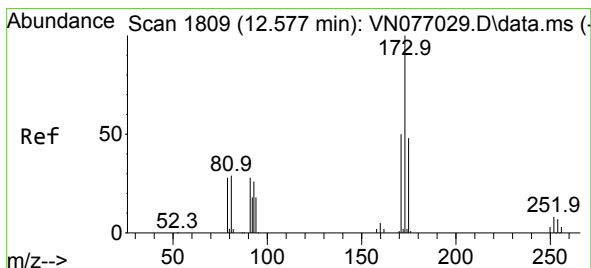
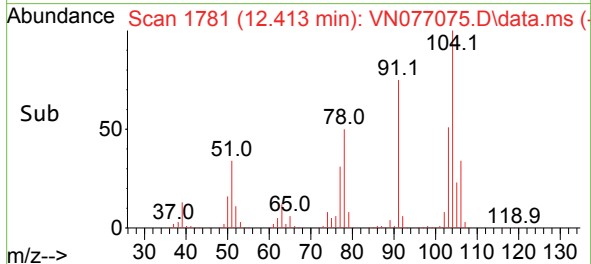
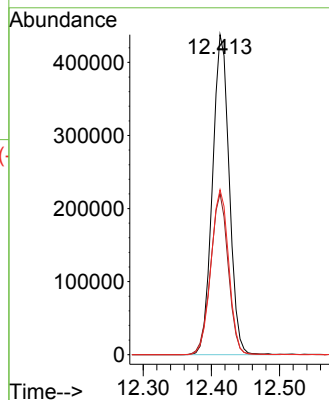
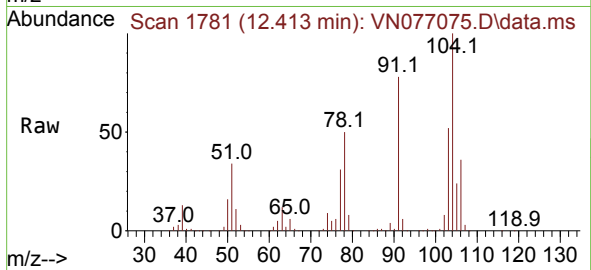
Tgt Ion:104 Resp: 750491

Ion Ratio Lower Upper

104 100

78 52.9 41.8 62.8

103 54.5 43.8 65.6



#71

Bromoform

Concen: 60.815 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

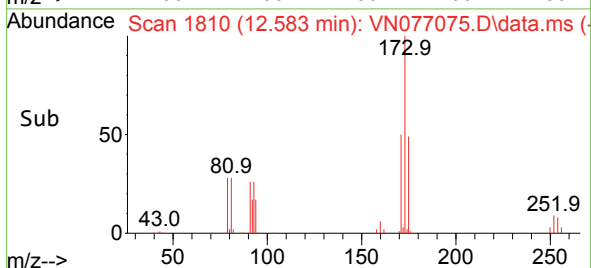
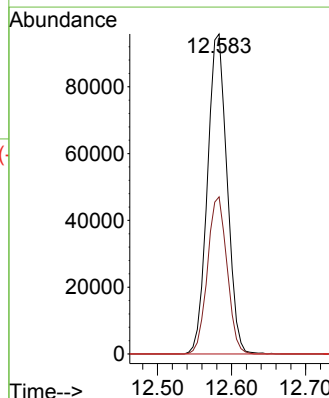
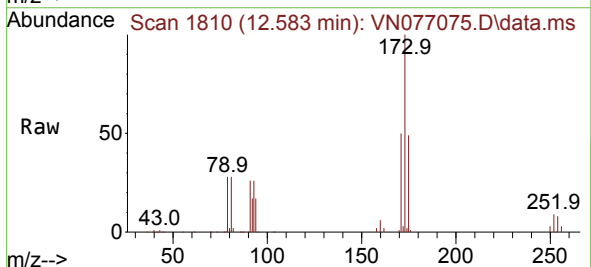
Tgt Ion:173 Resp: 175902

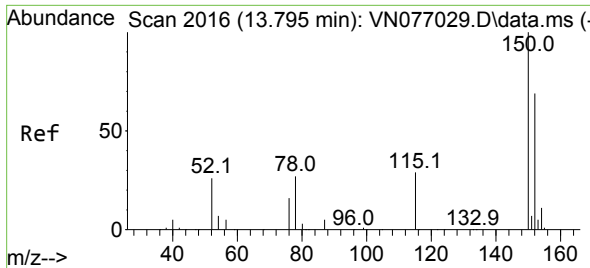
Ion Ratio Lower Upper

173 100

175 49.0 24.5 73.5

254 0.0 0.1 0.1#

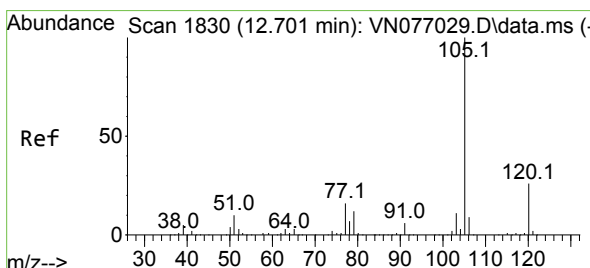
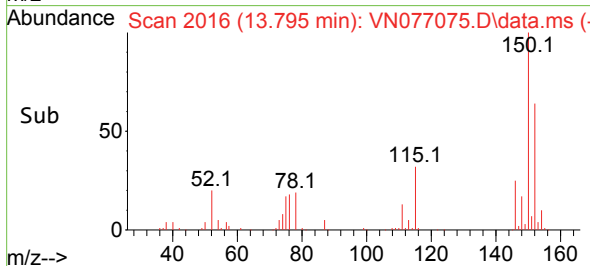
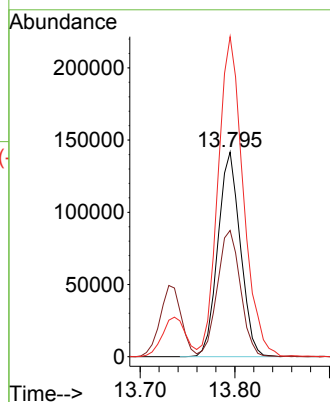
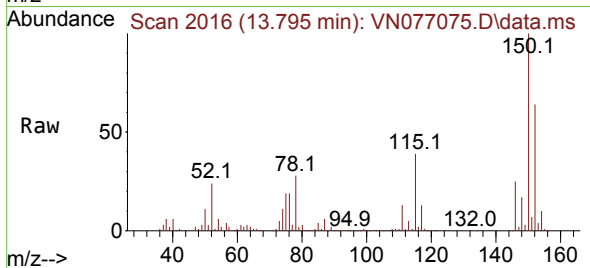




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077075.D
 Acq: 20 Mar 2023 17:54

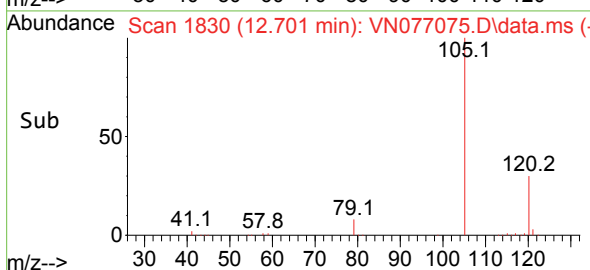
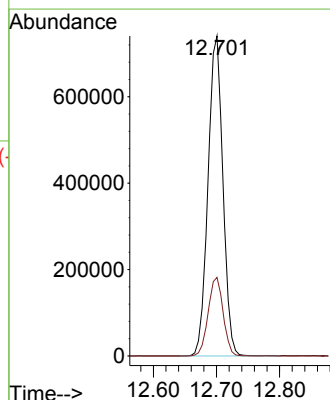
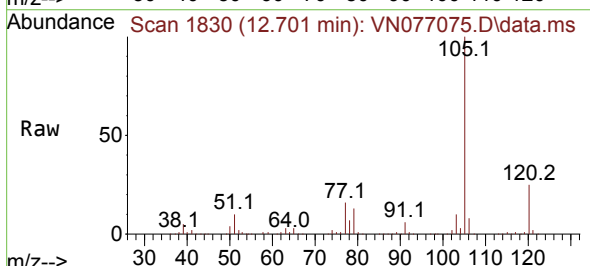
Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D1-20230314MSD

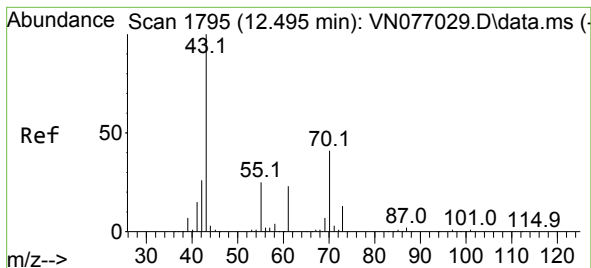
Tgt Ion:152 Resp: 233295
 Ion Ratio Lower Upper
 152 100
 115 63.8 31.9 95.7
 150 174.8 0.0 348.0



#73
 Isopropylbenzene
 Concen: 58.053 ug/l
 RT: 12.701 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: VN077075.D
 Acq: 20 Mar 2023 17:54

Tgt Ion:105 Resp: 1213711
 Ion Ratio Lower Upper
 105 100
 120 24.7 12.8 38.4





#74

N-amy1 acetate

Concen: 55.024 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

RE126D1-20230314MSD

Tgt Ion: 43 Resp: 497931

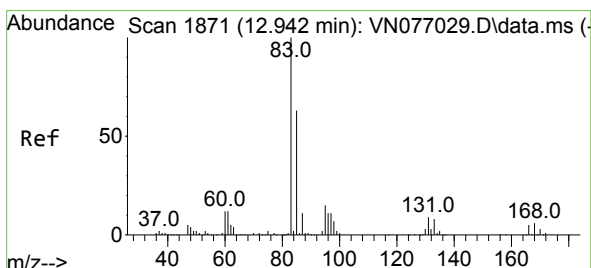
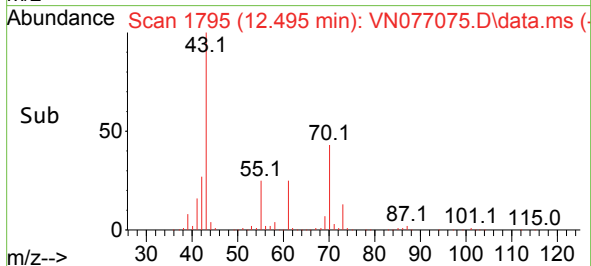
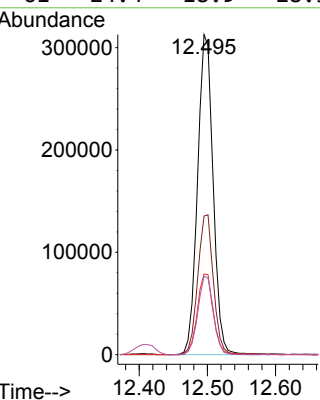
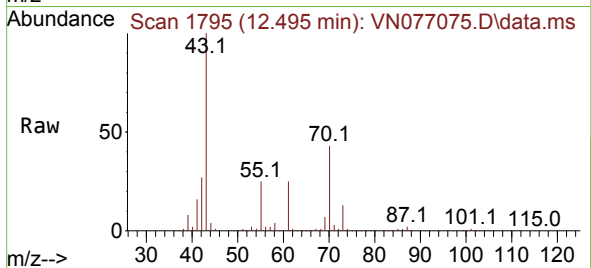
Ion Ratio Lower Upper

43 100

70 43.7 33.6 50.4

55 25.8 20.3 30.5

61 24.4 18.9 28.3



#75

1,1,2,2-Tetrachloroethane

Concen: 51.226 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

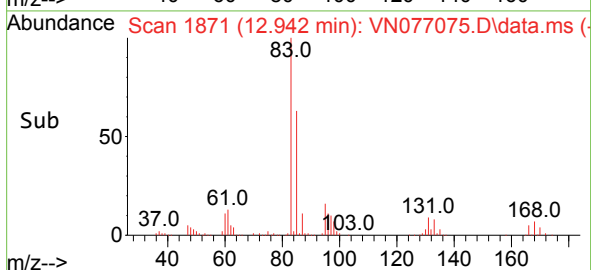
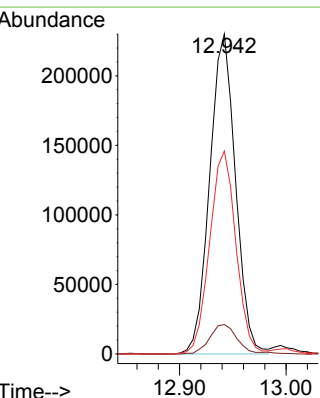
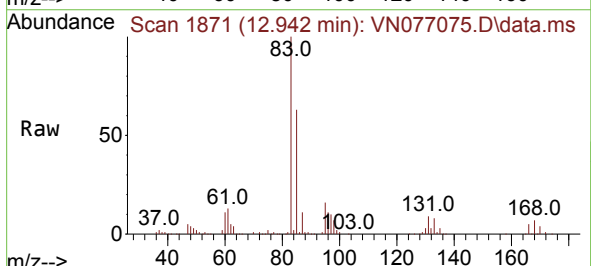
Tgt Ion: 83 Resp: 388012

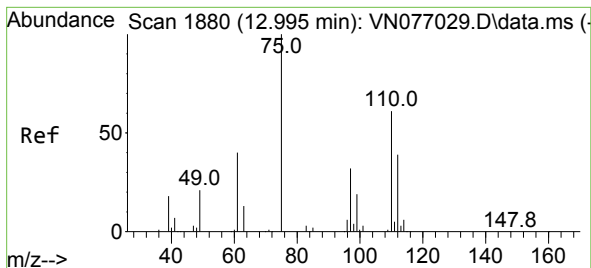
Ion Ratio Lower Upper

83 100

131 10.0 4.5 13.7

85 64.4 31.9 95.9





#76

1,2,3-Trichloropropane

Concen: 81.665 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

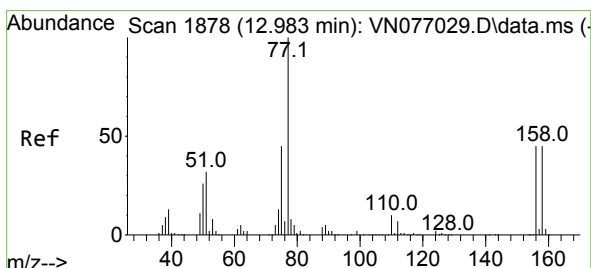
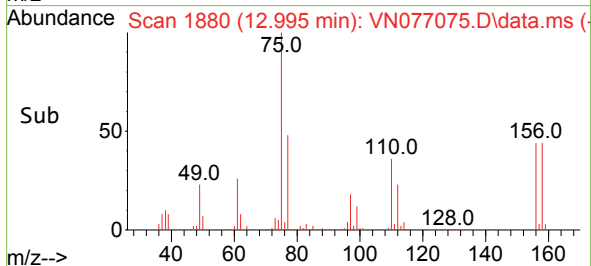
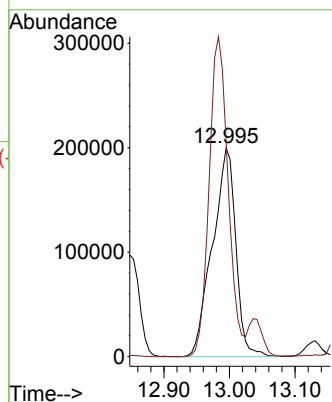
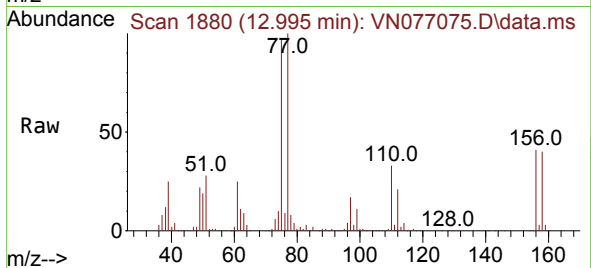
RE126D1-20230314MSD

Tgt Ion: 75 Resp: 492810

Ion Ratio Lower Upper

75 100

77 125.8 107.3 322.0



#77

Bromobenzene

Concen: 54.325 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

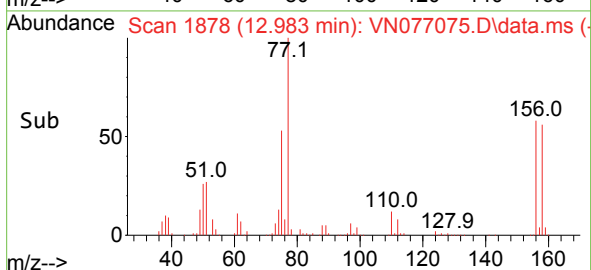
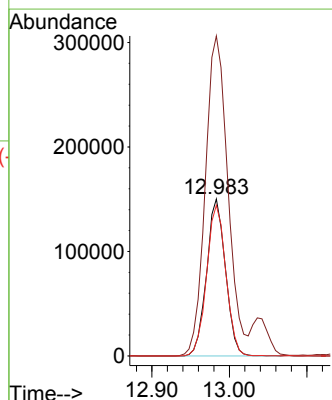
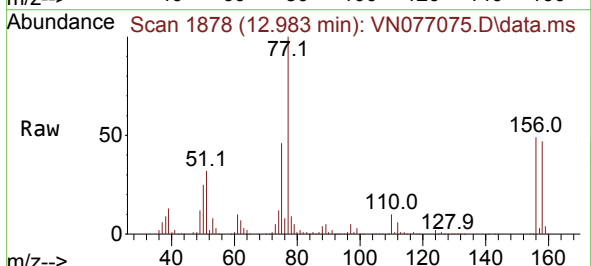
Tgt Ion:156 Resp: 254430

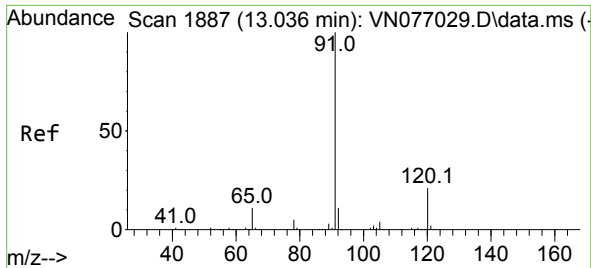
Ion Ratio Lower Upper

156 100

77 243.6 124.8 374.3

158 98.1 48.6 145.9

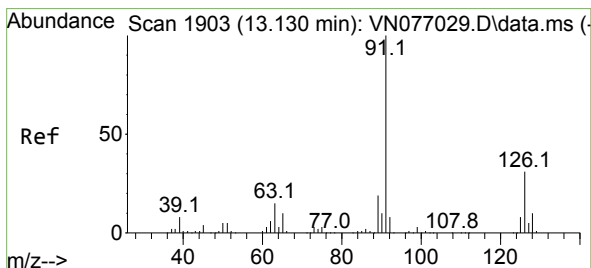
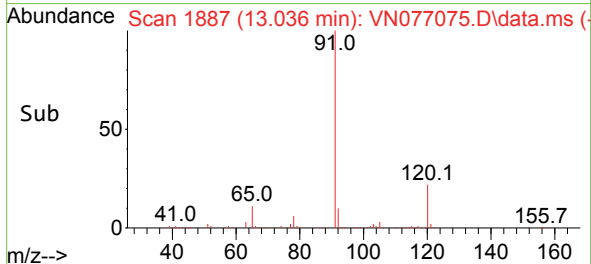
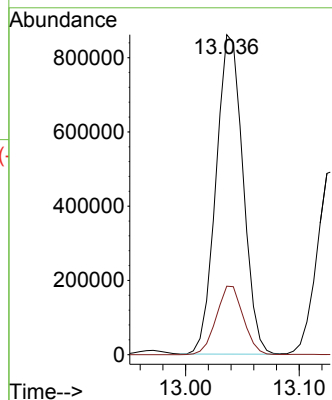
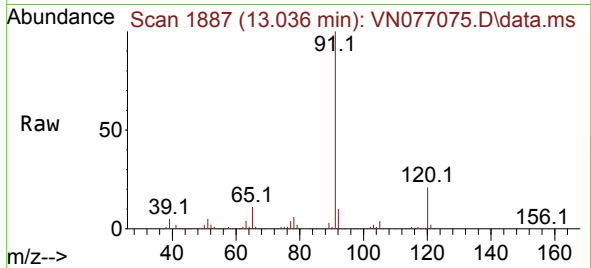




#78
n-propylbenzene
Concen: 58.897 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

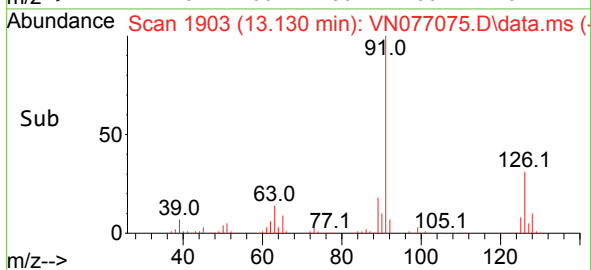
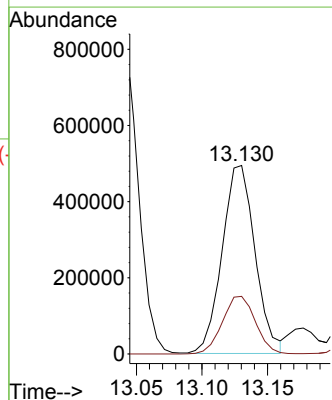
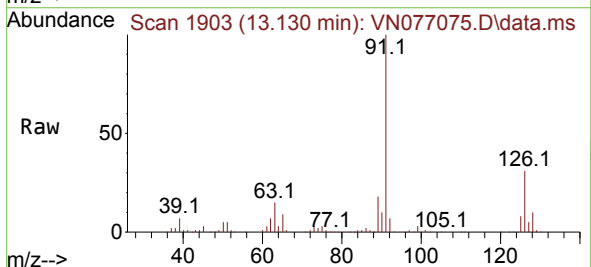
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

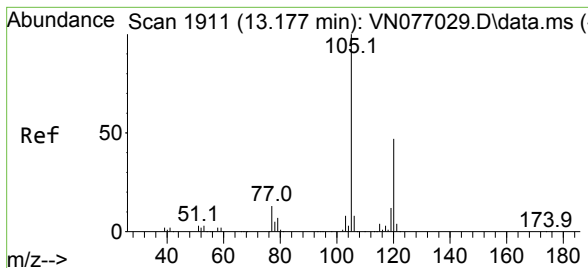
Tgt Ion: 91 Resp: 1421479
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.3



#79
2-Chlorotoluene
Concen: 56.193 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion: 91 Resp: 864178
Ion Ratio Lower Upper
91 100
126 30.8 15.2 45.5





#80

1,3,5-Trimethylbenzene

Concen: 58.653 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

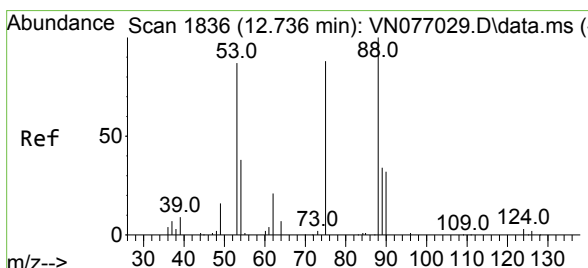
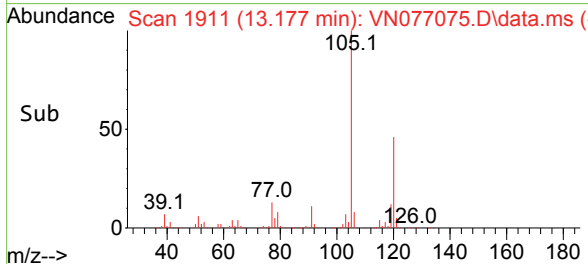
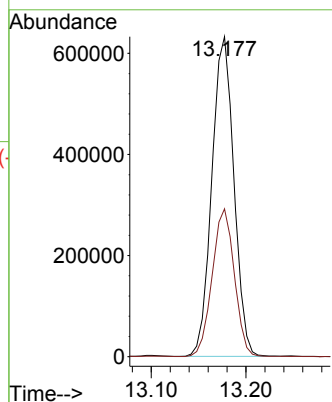
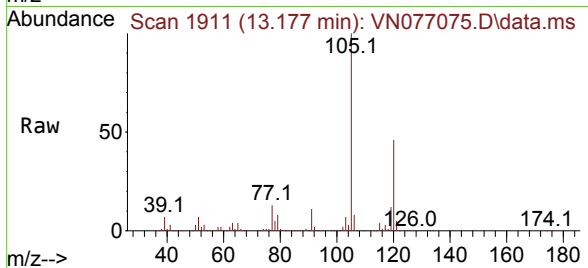
RE126D1-20230314MSD

Tgt Ion:105 Resp: 1023817

Ion Ratio Lower Upper

105 100

120 46.3 23.4 70.2



#81

trans-1,4-Dichloro-2-butene

Concen: 61.036 ug/l

RT: 12.742 min Scan# 1837

Delta R.T. 0.006 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

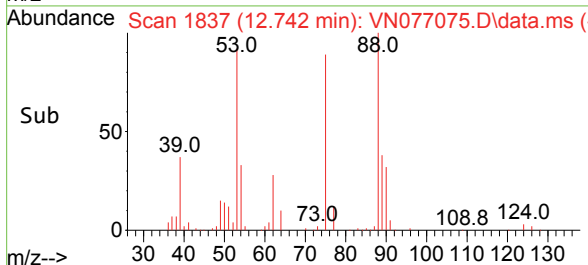
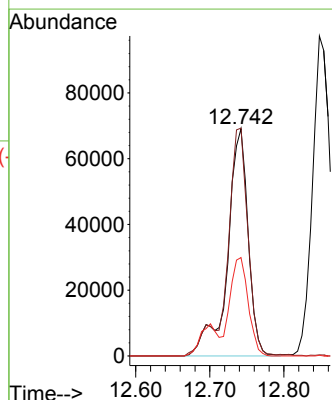
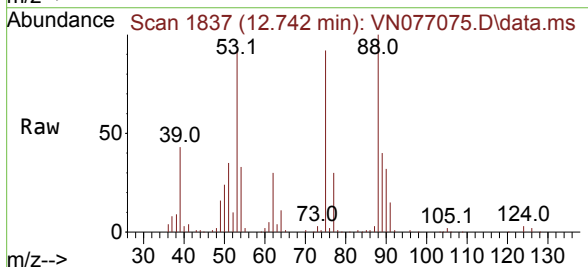
Tgt Ion: 75 Resp: 133811

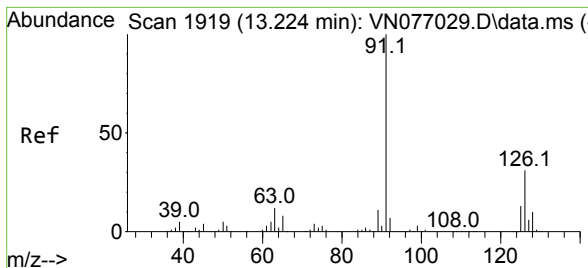
Ion Ratio Lower Upper

75 100

53 90.3 80.8 121.2

89 38.7 34.2 51.4

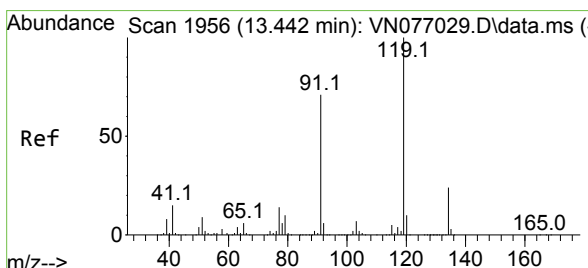
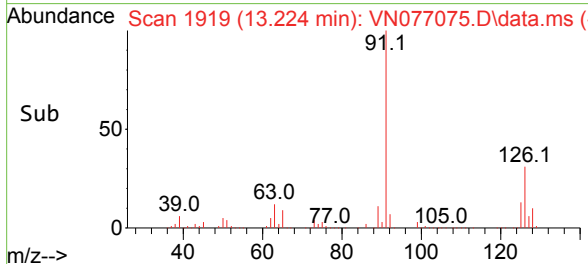
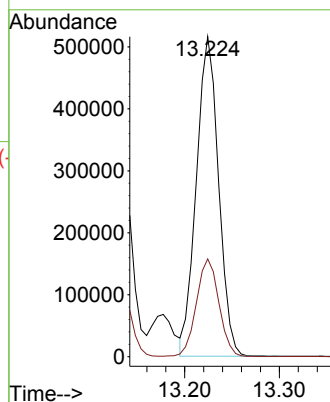
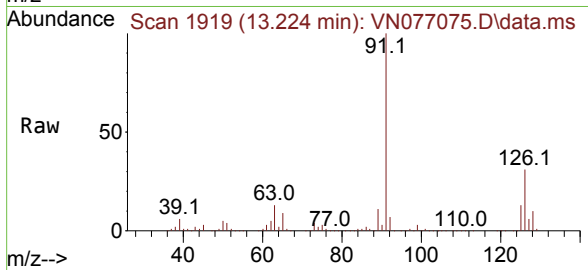




#82
4-Chlorotoluene
Concen: 57.479 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

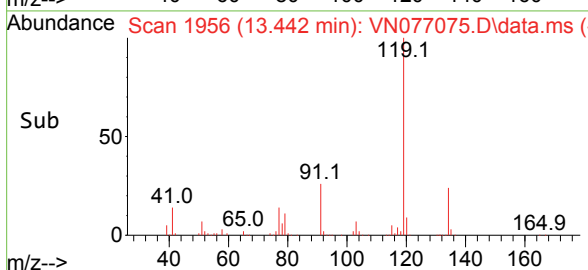
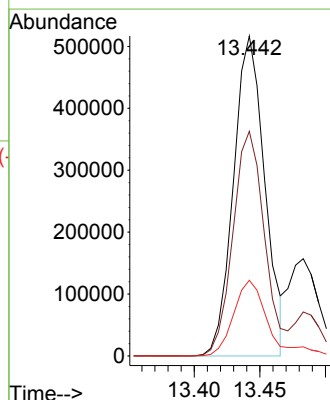
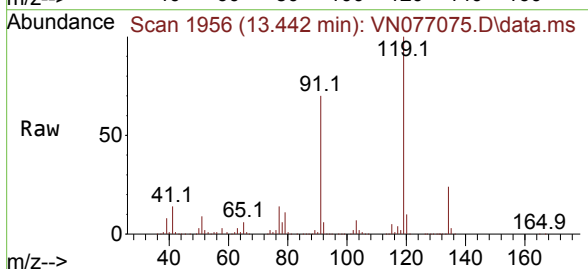
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

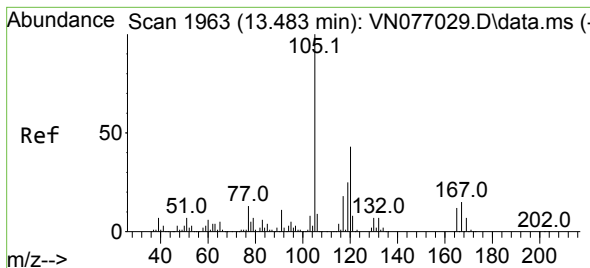
Tgt Ion: 91 Resp: 840575
Ion Ratio Lower Upper
91 100
126 31.1 15.5 46.5



#83
tert-Butylbenzene
Concen: 58.670 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion: 119 Resp: 859850
Ion Ratio Lower Upper
119 100
91 71.3 35.8 107.3
134 26.0 13.3 39.8





#84

1,2,4-Trimethylbenzene

Concen: 59.437 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

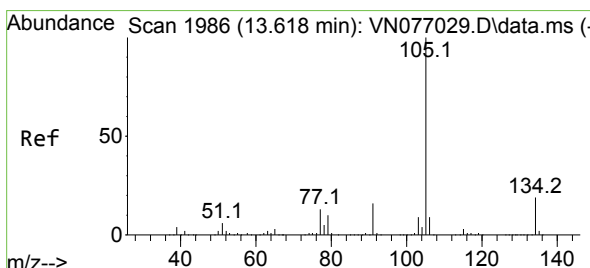
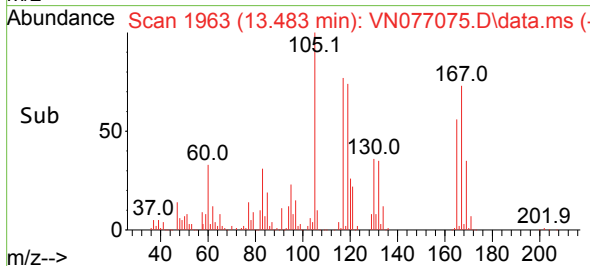
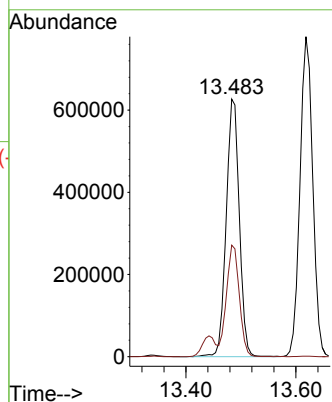
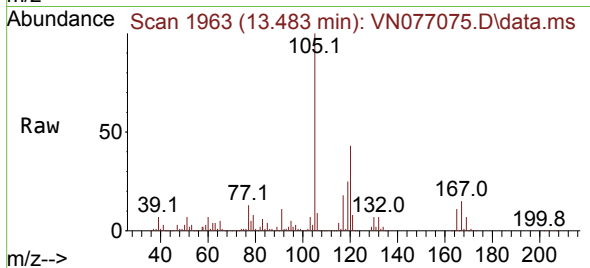
RE126D1-20230314MSD

Tgt Ion:105 Resp: 1035348

Ion Ratio Lower Upper

105 100

120 42.4 21.8 65.3



#85

sec-Butylbenzene

Concen: 60.060 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN077075.D

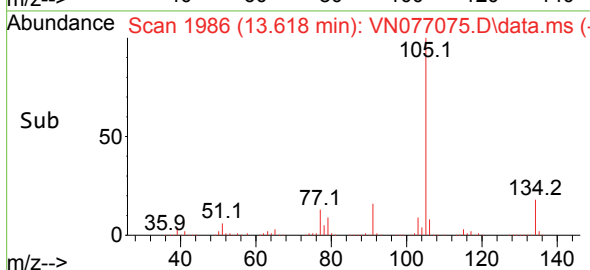
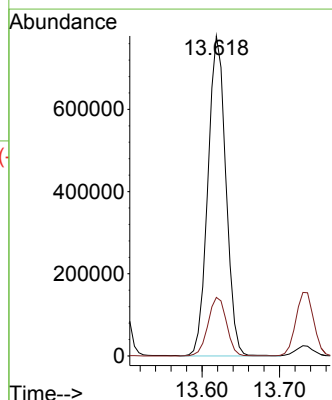
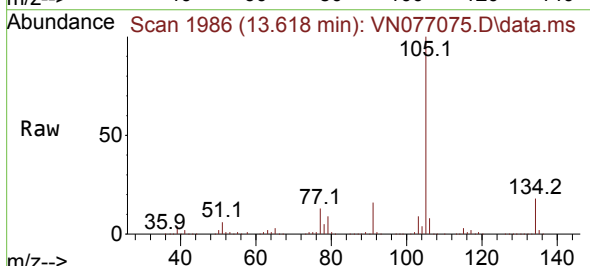
Acq: 20 Mar 2023 17:54

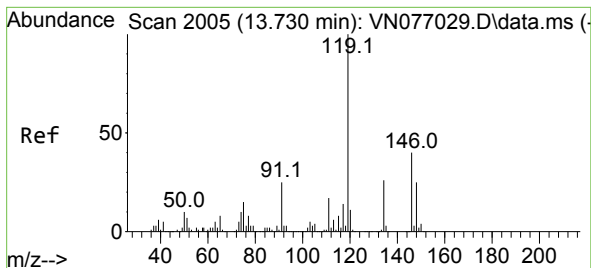
Tgt Ion:105 Resp: 1252136

Ion Ratio Lower Upper

105 100

134 18.9 9.3 27.9





#86

p-Isopropyltoluene

Concen: 60.574 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

RE126D1-20230314MSD

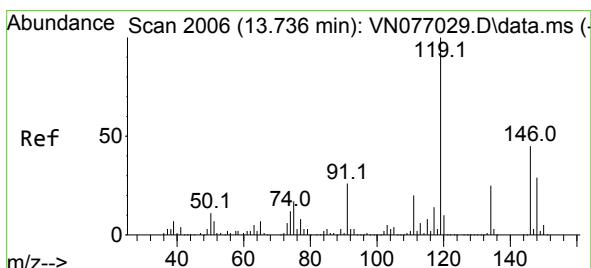
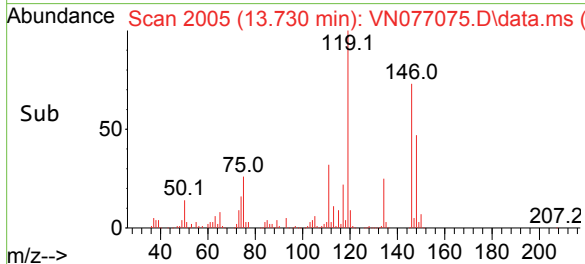
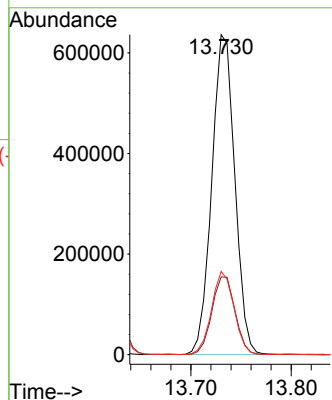
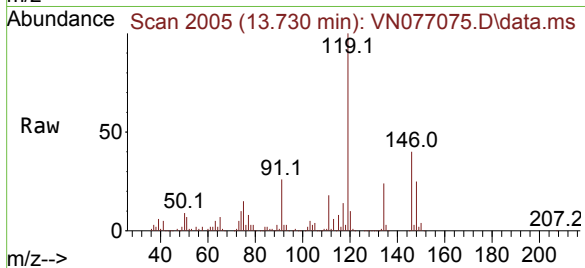
Tgt Ion:119 Resp: 1014123

Ion Ratio Lower Upper

119 100

134 24.7 12.8 38.4

91 25.3 12.7 38.1



#87

1,3-Dichlorobenzene

Concen: 54.239 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

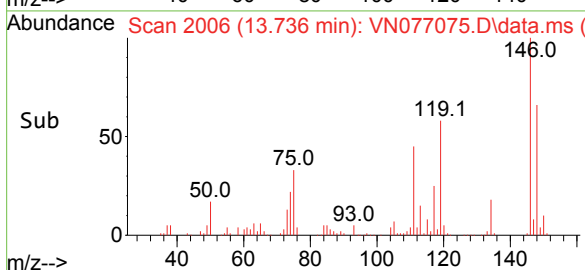
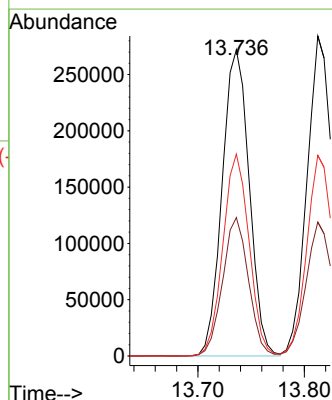
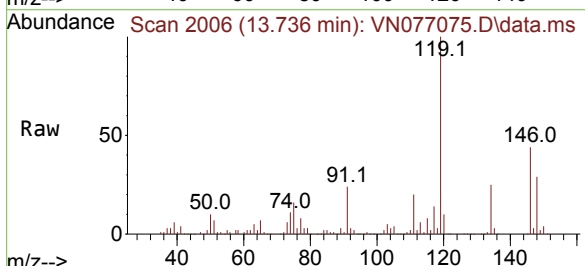
Tgt Ion:146 Resp: 480111

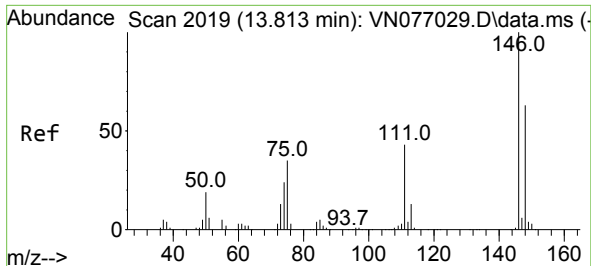
Ion Ratio Lower Upper

146 100

111 43.2 21.9 65.5

148 63.8 32.1 96.5

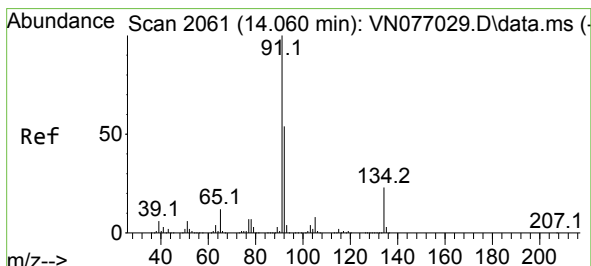
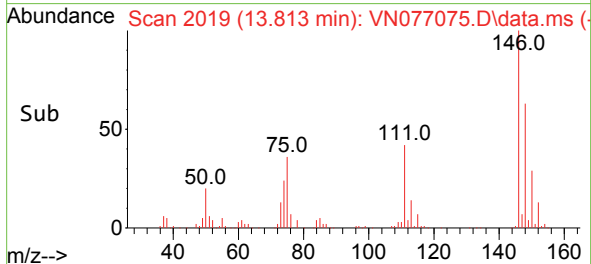
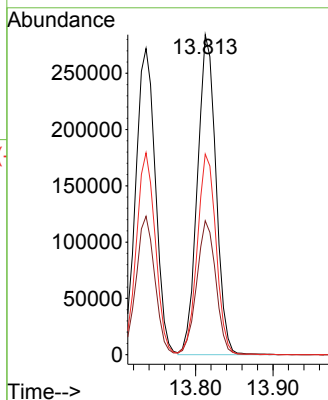
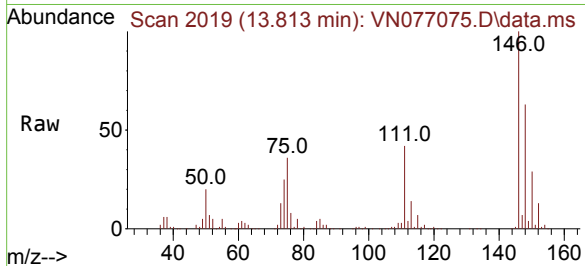




#88
1,4-Dichlorobenzene
Concen: 53.642 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

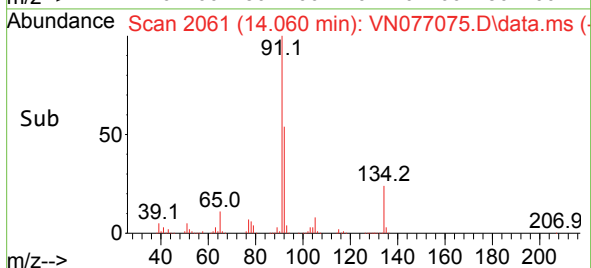
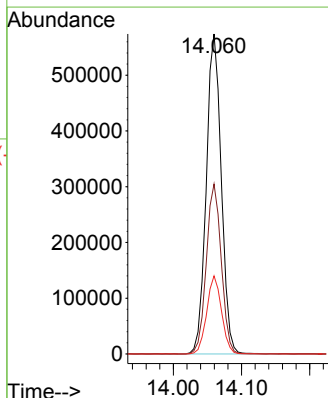
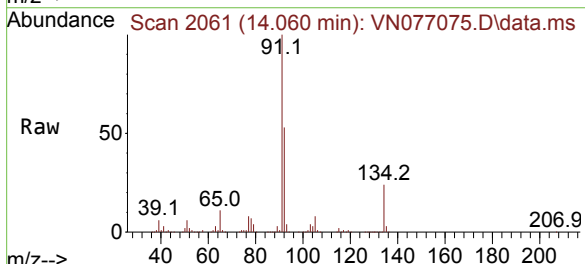
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20230314MSD

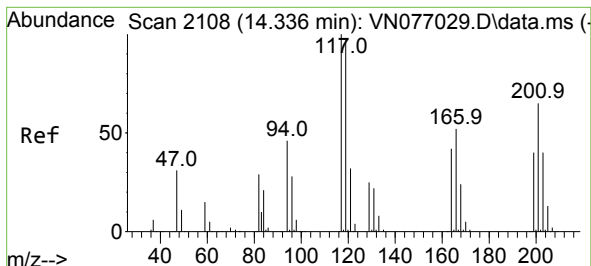
Tgt Ion:146 Resp: 472415
Ion Ratio Lower Upper
146 100
111 42.8 21.5 64.5
148 63.5 31.9 95.9



#89
n-Butylbenzene
Concen: 59.837 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077075.D
Acq: 20 Mar 2023 17:54

Tgt Ion: 91 Resp: 878847
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 24.1 11.7 35.1





#90

Hexachloroethane

Concen: 54.730 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

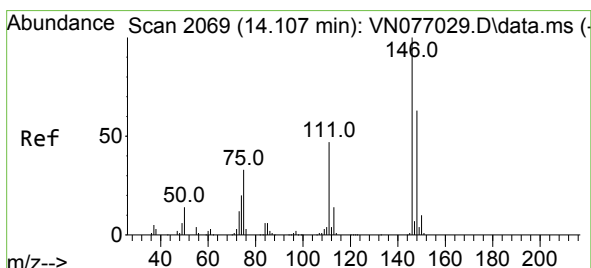
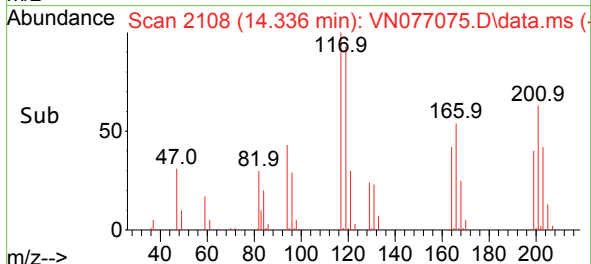
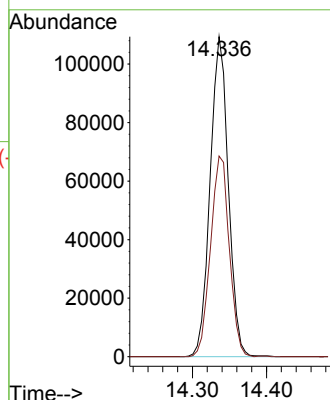
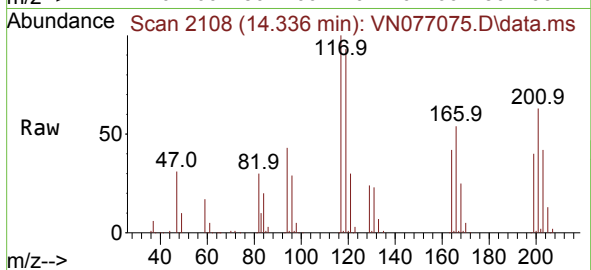
RE126D1-20230314MSD

Tgt Ion:117 Resp: 186293

Ion Ratio Lower Upper

117 100

201 64.7 32.5 97.4



#91

1,2-Dichlorobenzene

Concen: 55.020 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

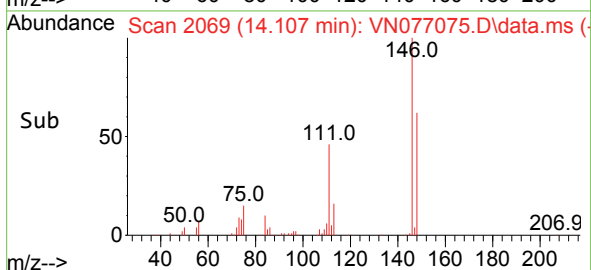
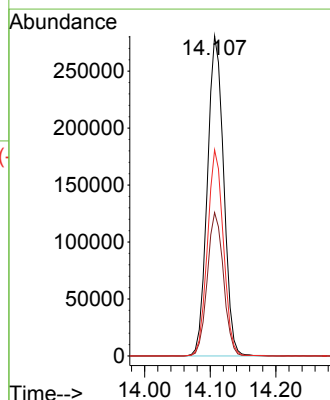
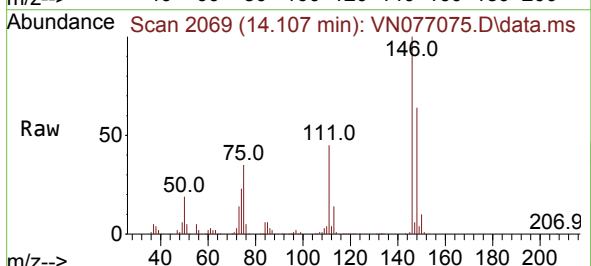
Tgt Ion:146 Resp: 485452

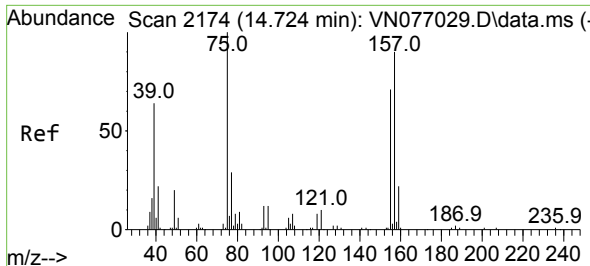
Ion Ratio Lower Upper

146 100

111 44.6 22.6 67.7

148 63.0 31.6 95.0

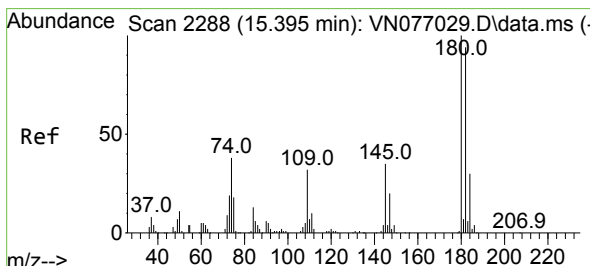
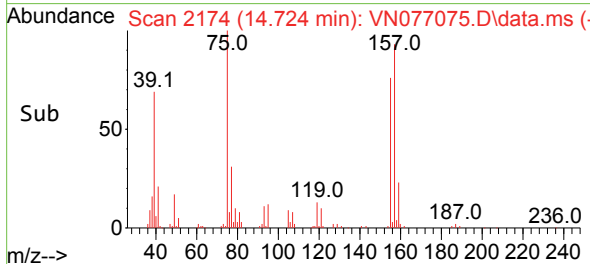
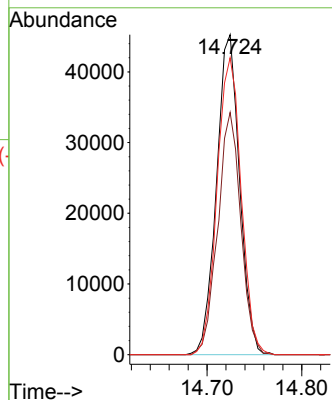
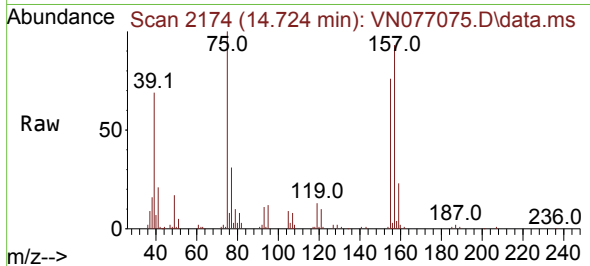




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.711 ug/l
 RT: 14.724 min Scan# 2174
 Delta R.T. 0.000 min
 Lab File: VN077075.D
 Acq: 20 Mar 2023 17:54

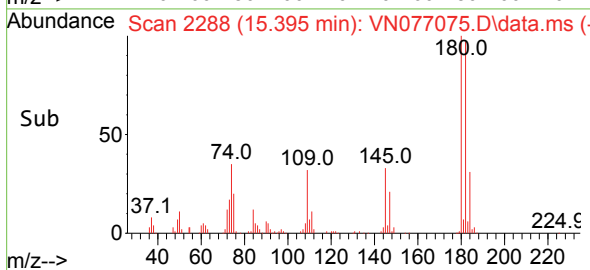
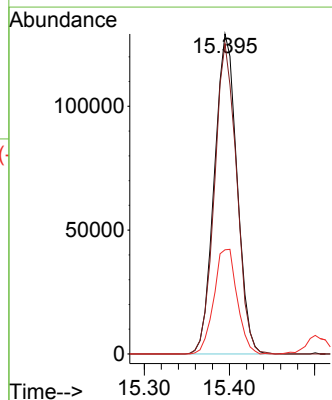
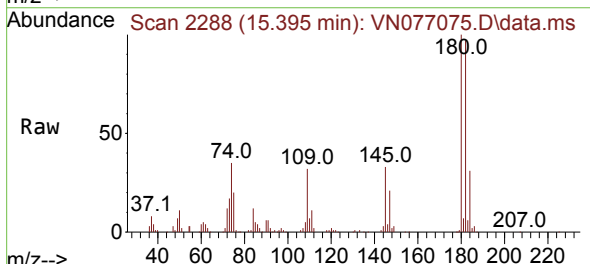
Instrument :
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 ClientSampleId :
 RE126D1-20230314MSD

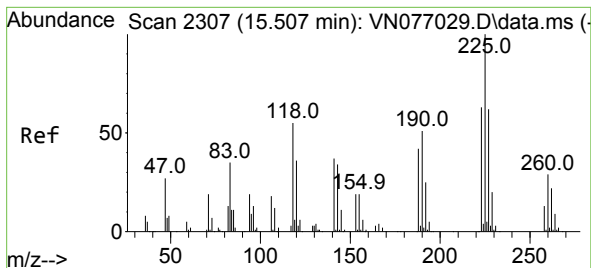
Tgt Ion: 75 Resp: 76789
 Ion Ratio Lower Upper
 75 100
 155 75.5 36.1 108.3
 157 96.6 45.8 137.3



#93
 1,2,4-Trichlorobenzene
 Concen: 59.878 ug/l
 RT: 15.395 min Scan# 2288
 Delta R.T. -0.000 min
 Lab File: VN077075.D
 Acq: 20 Mar 2023 17:54

Tgt Ion: 180 Resp: 238831
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 141.9
 145 33.6 16.9 50.7





#94

Hexachlorobutadiene

Concen: 54.135 ug/l

RT: 15.507 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

Instrument :

MSVOA_N

ClientSampleId :

RE126D1-20230314MSD

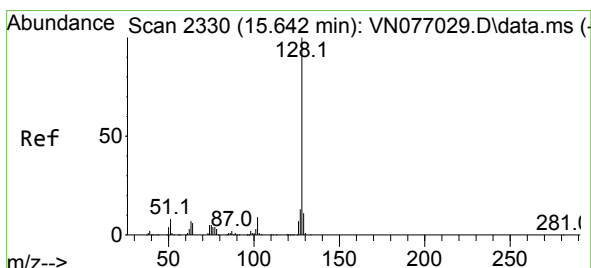
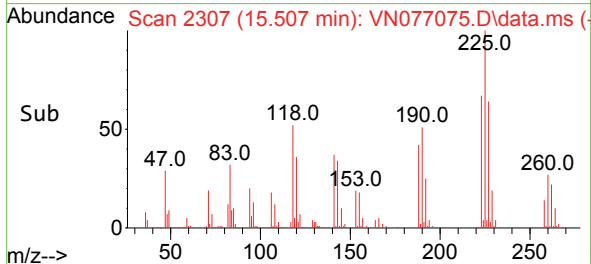
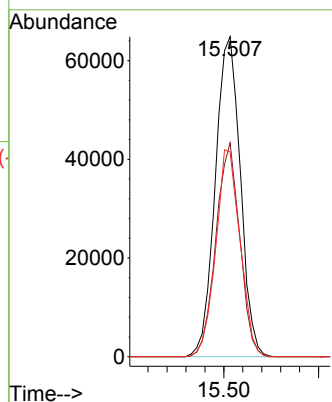
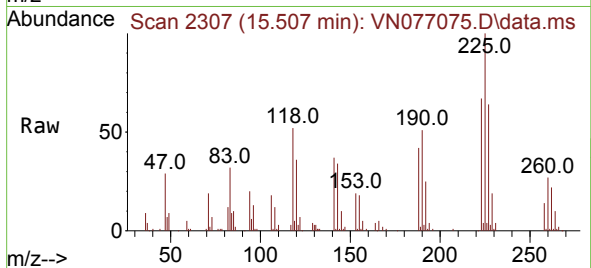
Tgt Ion:225 Resp: 118914

Ion Ratio Lower Upper

225 100

223 63.7 31.6 95.0

227 63.0 31.3 93.8



#95

Naphthalene

Concen: 53.830 ug/l

RT: 15.642 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN077075.D

Acq: 20 Mar 2023 17:54

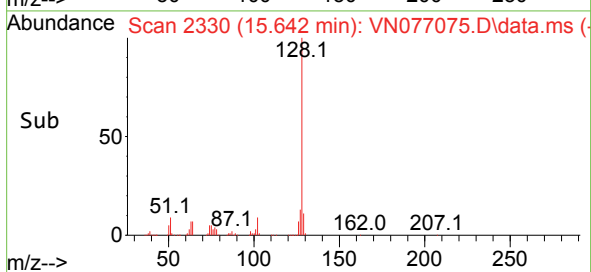
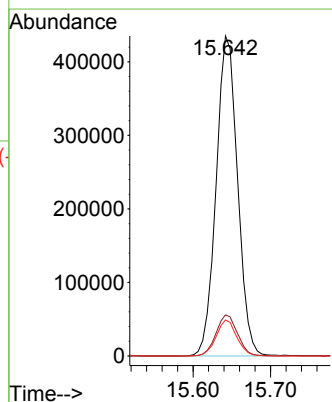
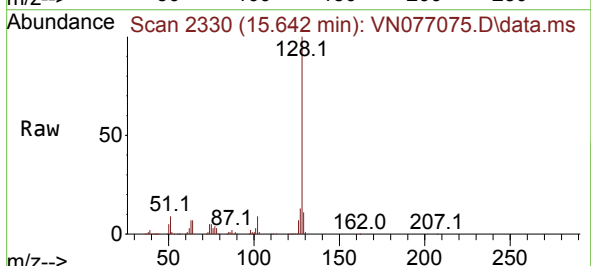
Tgt Ion:128 Resp: 836730

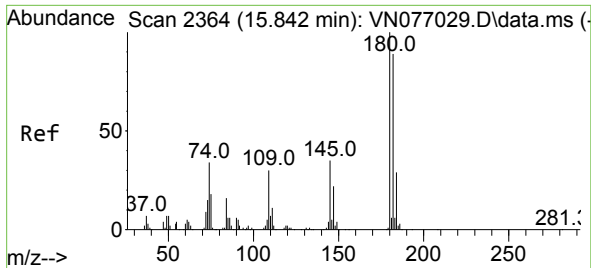
Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 60.098 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077075.D
 Acq: 20 Mar 2023 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D1-20230314MSD

Tgt Ion:	180	Resp:	240524
Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.2
145	35.6	17.9	53.8

