

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079887.D
 Acq On : 04 Nov 2023 09:05
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Nov 06 00:31:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	299636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	530222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	479672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222841	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	252809	55.379	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.760%	
35) Dibromofluoromethane	8.165	113	192594	51.321	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.640%	
50) Toluene-d8	10.571	98	723138	52.344	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.680%	
62) 4-Bromofluorobenzene	12.853	95	249423	54.438	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.880%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	188529	52.236	ug/l	97
3) Chloromethane	2.359	50	213296	47.379	ug/l	99
4) Vinyl Chloride	2.512	62	292699	61.955	ug/l	99
5) Bromomethane	2.947	94	149037	51.920	ug/l	96
6) Chloroethane	3.118	64	160072	42.880	ug/l	99
7) Trichlorofluoromethane	3.494	101	390699	66.490	ug/l	100
8) Diethyl Ether	3.959	74	163520	73.332	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	172599	50.669	ug/l	99
10) Methyl Iodide	4.594	142	202183	51.976	ug/l	98
11) Tert butyl alcohol	5.524	59	132995	228.221	ug/l	99
12) 1,1-Dichloroethene	4.341	96	166066	51.489	ug/l	85
13) Acrolein	4.183	56	117388	258.667	ug/l	99
14) Allyl chloride	5.024	41	267494	54.150	ug/l #	91
15) Acrylonitrile	5.718	53	477222	262.781	ug/l	99
16) Acetone	4.424	43	373221	232.751	ug/l	90
17) Carbon Disulfide	4.712	76	457754	49.204	ug/l	100
18) Methyl Acetate	5.024	43	398812	51.985	ug/l #	83
19) Methyl tert-butyl Ether	5.794	73	595704	53.647	ug/l #	90
20) Methylene Chloride	5.277	84	207518	51.288	ug/l #	86
21) trans-1,2-Dichloroethene	5.788	96	191247	53.167	ug/l #	81
22) Diisopropyl ether	6.671	45	675677	59.022	ug/l #	89
23) Vinyl Acetate	6.606	43	1665319	263.726	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	392822	56.456	ug/l	98
25) 2-Butanone	7.482	43	616384	262.500	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	241907	42.038	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	229882	53.427	ug/l	87
28) Bromochloromethane	7.812	49	193811	57.156	ug/l #	74
29) Tetrahydrofuran	7.841	42	416543	272.657	ug/l #	75
30) Chloroform	7.965	83	401320	53.099	ug/l	95
31) Cyclohexane	8.259	56	318892	52.864	ug/l	83
32) 1,1,1-Trichloroethane	8.171	97	339555	55.138	ug/l	94
36) 1,1-Dichloropropene	8.371	75	292093	54.513	ug/l	94
37) Ethyl Acetate	7.559	43	252454	51.373	ug/l #	91
38) Carbon Tetrachloride	8.365	117	298088	55.200	ug/l	99
39) Methylcyclohexane	9.606	83	275662	54.667	ug/l #	87
40) Benzene	8.612	78	865704	53.942	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	146311	56.068	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	318134	56.750	ug/l	97
43) Isopropyl Acetate	8.688	43	439531	51.002	ug/l #	91
44) Trichloroethene	9.353	130	214136	53.771	ug/l	96
45) 1,2-Dichloropropane	9.624	63	235694	57.468	ug/l	97
46) Dibromomethane	9.712	93	152145	54.329	ug/l	96
47) Bromodichloromethane	9.888	83	316996	53.076	ug/l	100
48) Methyl methacrylate	9.682	41	212028	56.170	ug/l #	80
49) 1,4-Dioxane	9.694	88	69838	1047.056	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	1340497	276.289	ug/l	90
52) Toluene	10.635	92	527458	55.438	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	315245	53.843	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	346105	54.234	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	205839	53.788	ug/l	95
56) Ethyl methacrylate	10.876	69	308609	56.537	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	370465	54.921	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	700873	253.334	ug/l	89
59) 2-Hexanone	11.194	43	943491	254.199	ug/l	88
60) Dibromochloromethane	11.365	129	228194	55.708	ug/l	99
61) 1,2-Dibromoethane	11.470	107	207169	53.937	ug/l	96
64) Tetrachloroethene	11.106	164	195909	63.062	ug/l	98
65) Chlorobenzene	11.894	112	550651	52.922	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	206641	55.121	ug/l	96
67) Ethyl Benzene	11.965	91	1018041	56.158	ug/l	95
68) m/p-Xylenes	12.076	106	757656	112.195	ug/l	95
69) o-Xylene	12.400	106	367745	56.552	ug/l	94
70) Styrene	12.412	104	611340	58.498	ug/l	97
71) Bromoform	12.582	173	149560	56.184	ug/l #	100
73) Isopropylbenzene	12.700	105	920844	54.448	ug/l	99
74) N-amyl acetate	12.494	43	368512	49.920	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	286245	47.736	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	362750	69.338	ug/l	77
77) Bromobenzene	12.982	156	217526	52.535	ug/l	94
78) n-propylbenzene	13.035	91	1087475	56.150	ug/l	97
79) 2-Chlorotoluene	13.129	91	668414	54.025	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	753841	57.290	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	81556	42.414	ug/l #	86
82) 4-Chlorotoluene	13.223	91	666785	54.235	ug/l	99
83) tert-Butylbenzene	13.441	119	607622	56.414	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	749530	57.897	ug/l	99
85) sec-Butylbenzene	13.617	105	865537	58.003	ug/l	100
86) p-Isopropyltoluene	13.729	119	707949	58.189	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	397952	51.664	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	394117	50.409	ug/l	99
89) n-Butylbenzene	14.059	91	596319	56.907	ug/l	99
90) Hexachloroethane	14.335	117	129997	53.953	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	385827	53.061	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50690	49.849	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	182836	52.882	ug/l	97
94) Hexachlorobutadiene	15.500	225	83509	53.281	ug/l	99
95) Naphthalene	15.641	128	542046	46.230	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	178135	52.561	ug/l	98

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QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

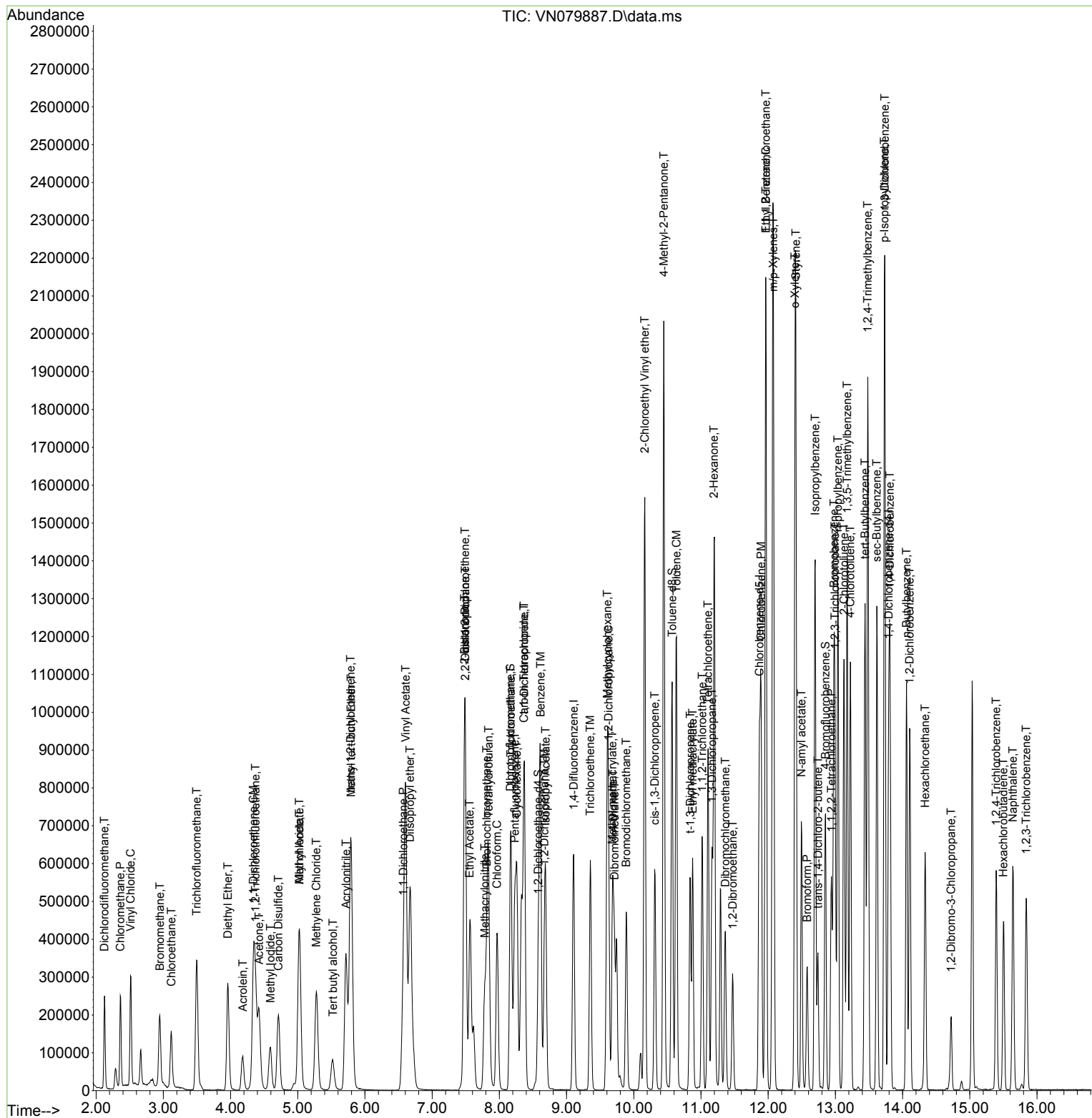
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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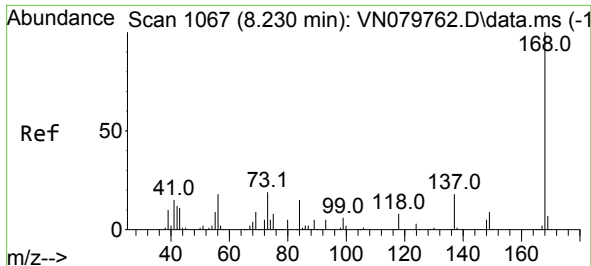
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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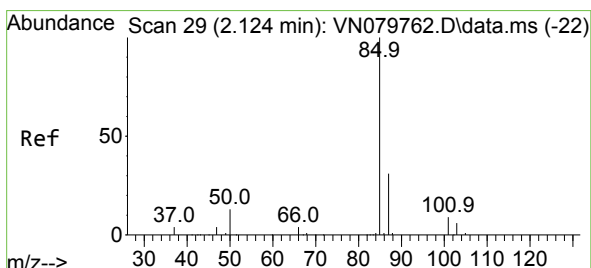
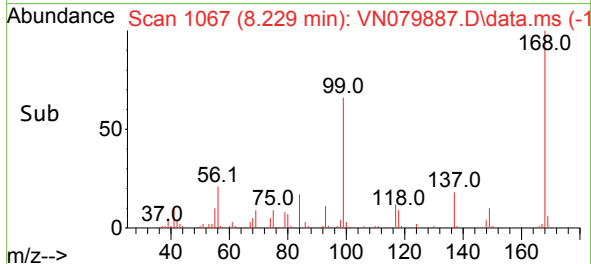
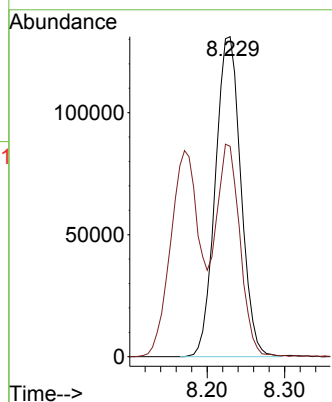
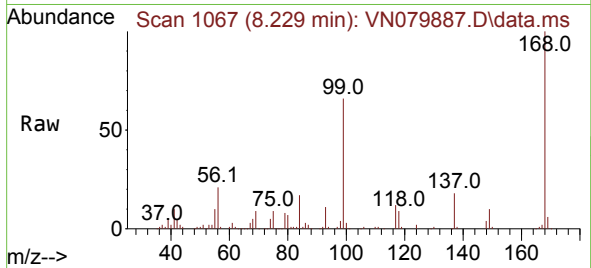




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
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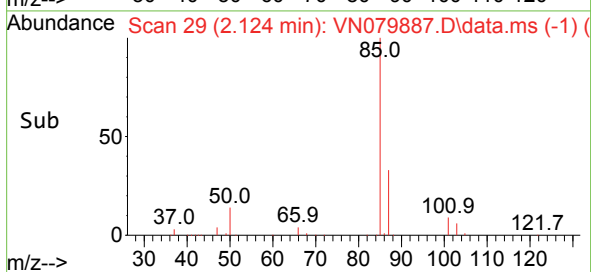
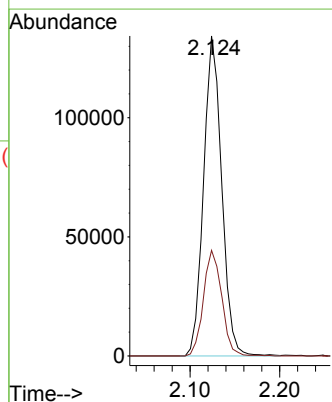
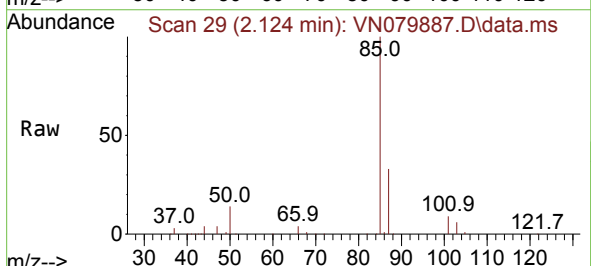
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

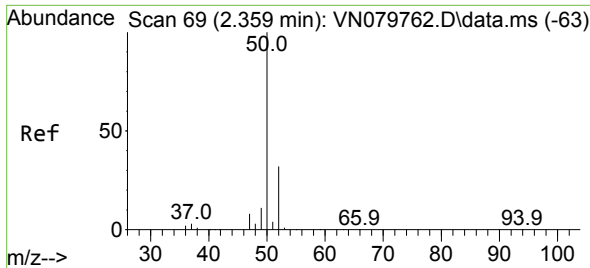
Tgt Ion:168 Resp: 299636
Ion Ratio Lower Upper
168 100
99 65.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 52.236 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 85 Resp: 188529
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.4

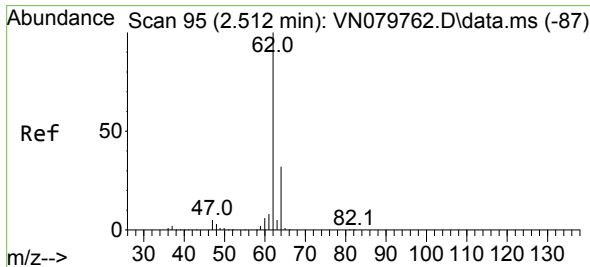
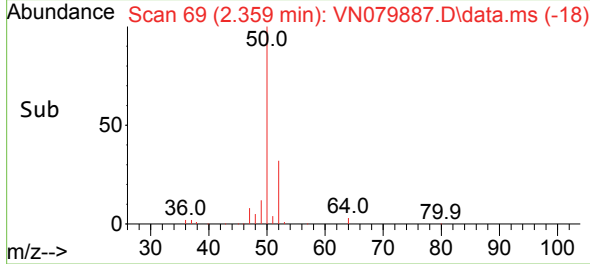
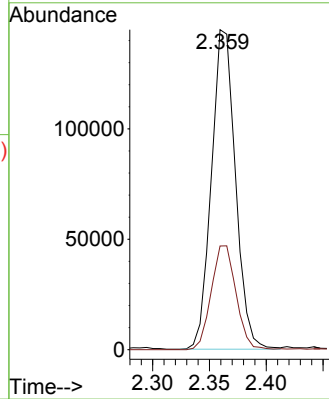
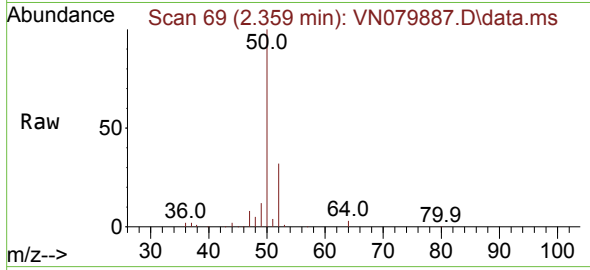




#3
Chloromethane
Concen: 47.379 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

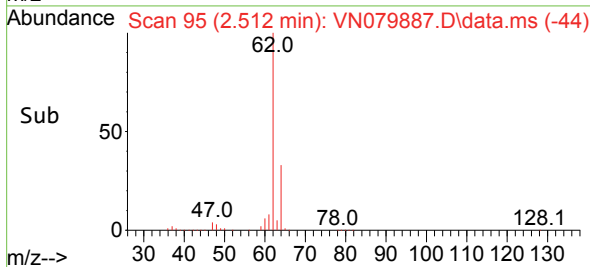
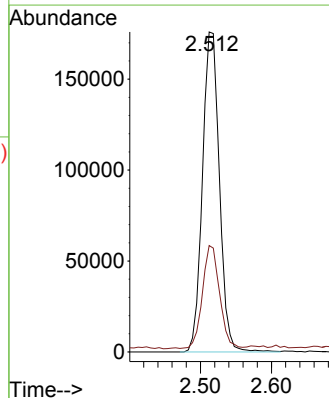
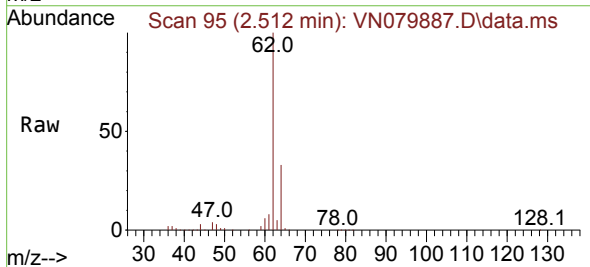
Instrument :
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ClientSampleId :
VSTDCCC050EC

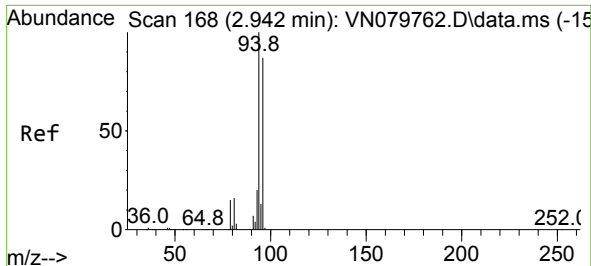
Tgt Ion: 50 Resp: 213296
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7



#4
Vinyl Chloride
Concen: 61.955 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 62 Resp: 292699
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2

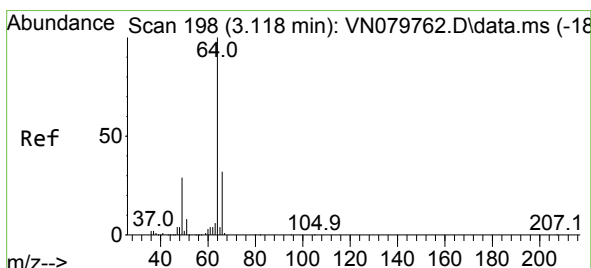
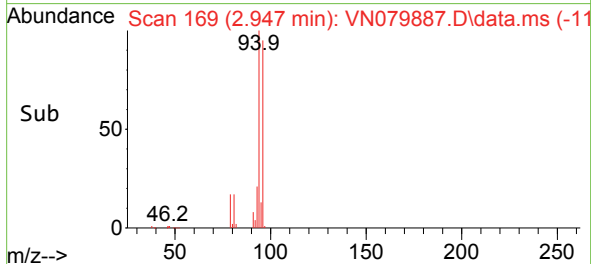
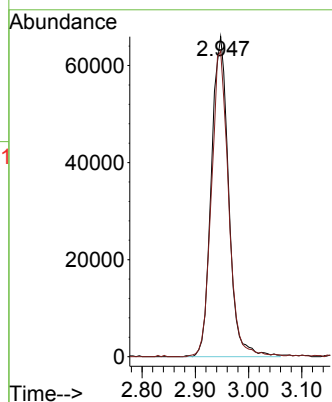
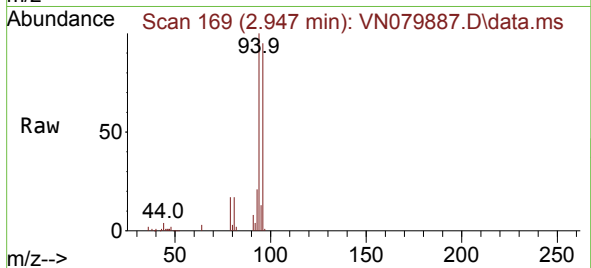




#5
Bromomethane
Concen: 51.920 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079887.D
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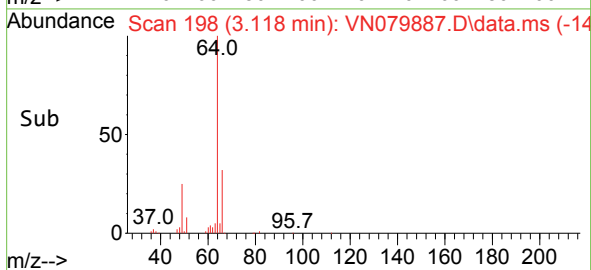
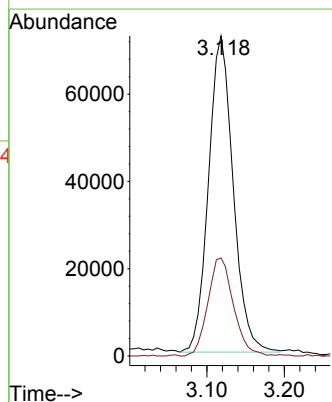
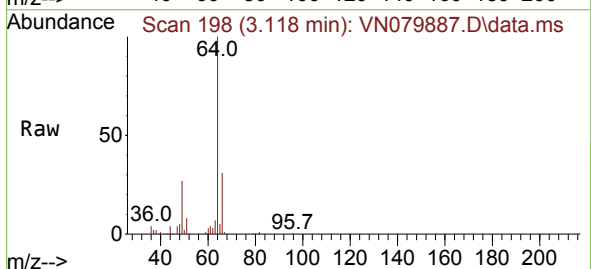
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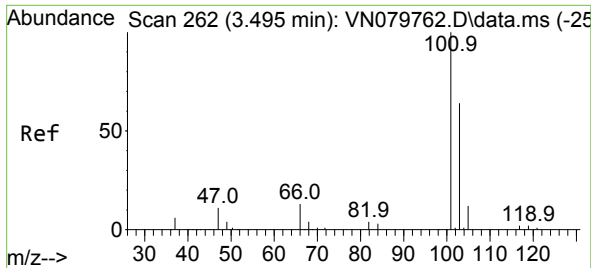
Tgt Ion: 94 Resp: 149037
Ion Ratio Lower Upper
94 100
96 95.5 73.1 109.7



#6
Chloroethane
Concen: 42.880 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 64 Resp: 160072
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2

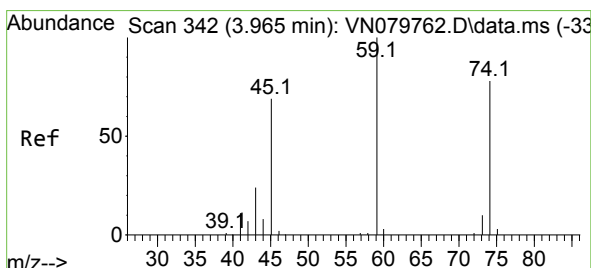
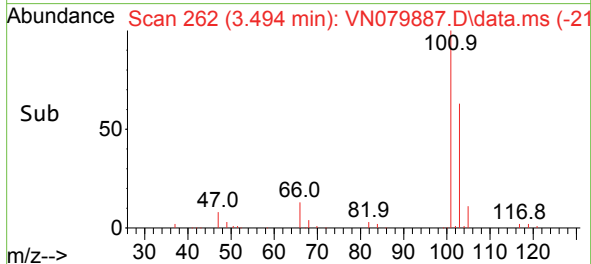
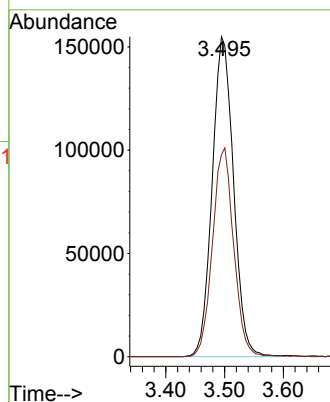
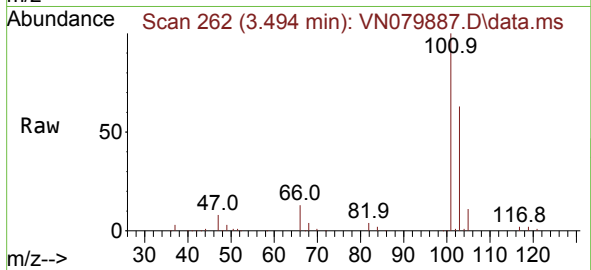




#7
 Trichlorofluoromethane
 Concen: 66.490 ug/l
 RT: 3.494 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079887.D
 Acq: 04 Nov 2023 09:05

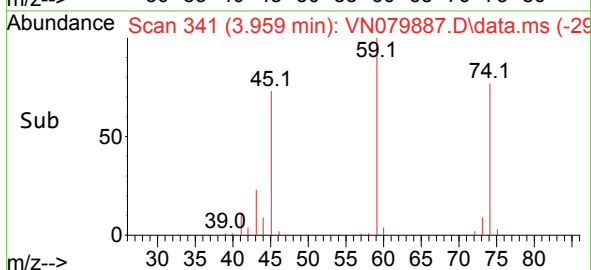
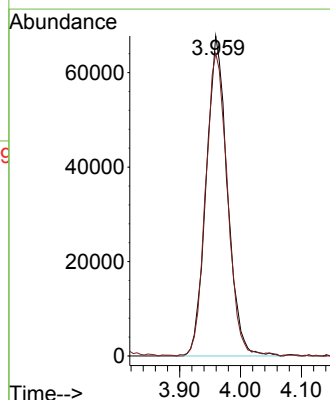
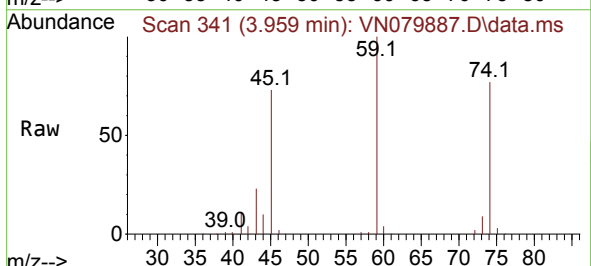
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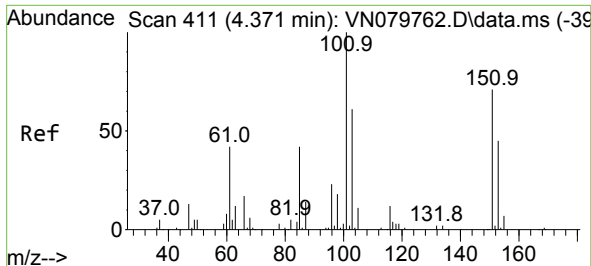
Tgt Ion:101 Resp: 390699
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 73.332 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079887.D
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Tgt Ion: 74 Resp: 163520
 Ion Ratio Lower Upper
 74 100
 45 97.4 34.4 103.3

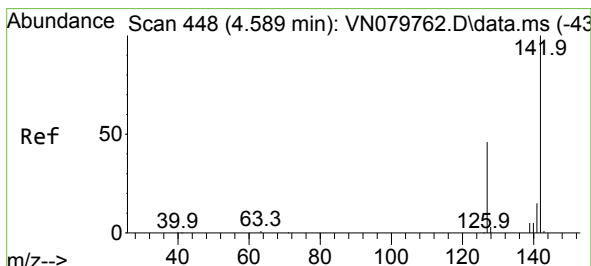
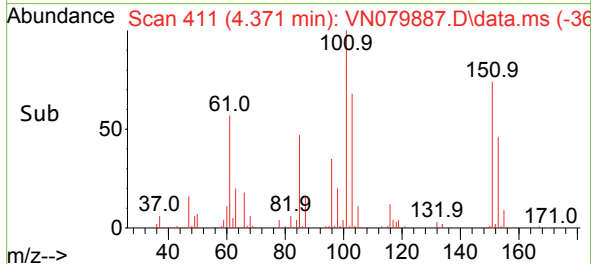
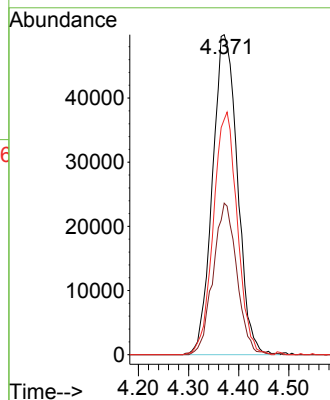
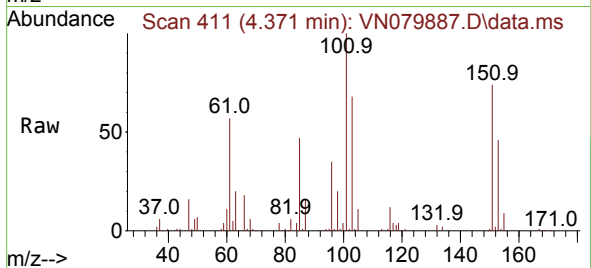




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.669 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

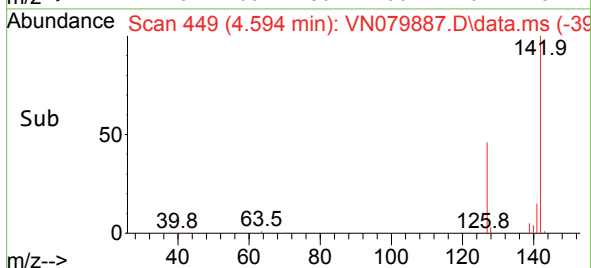
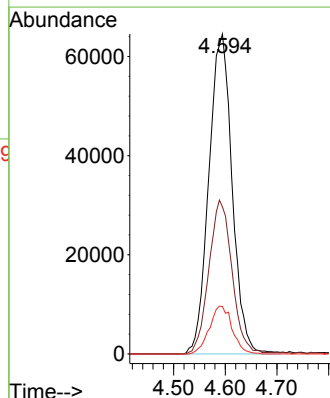
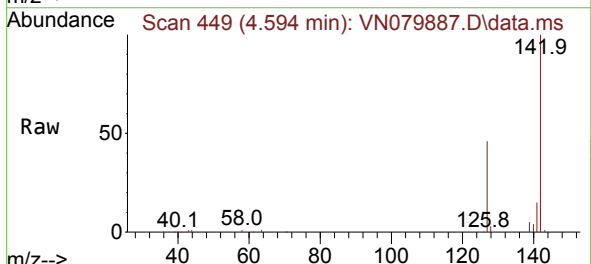
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

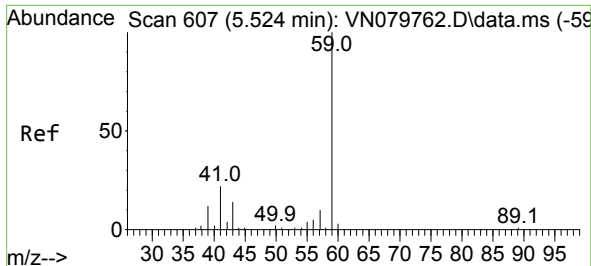
Tgt Ion:101 Resp: 172599
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 72.7 57.6 86.4



#10
Methyl Iodide
Concen: 51.976 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion:142 Resp: 202183
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 14.8 11.4 17.0

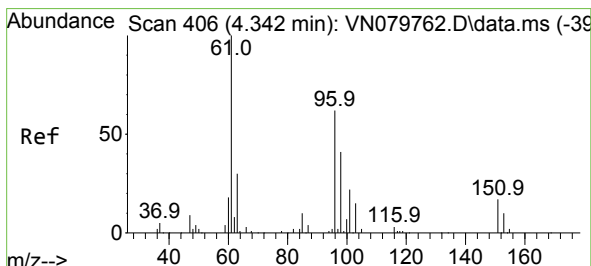
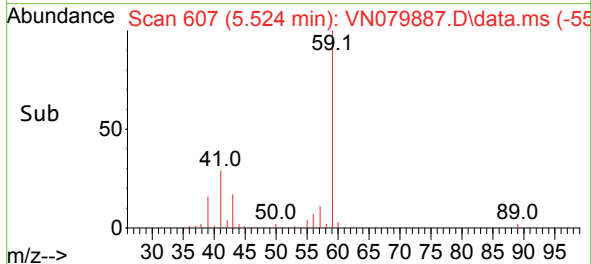
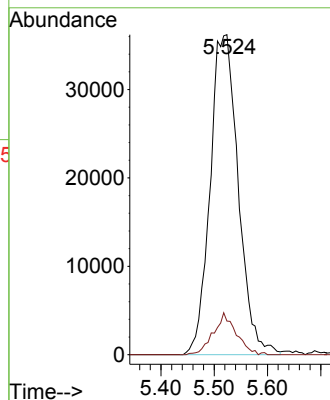
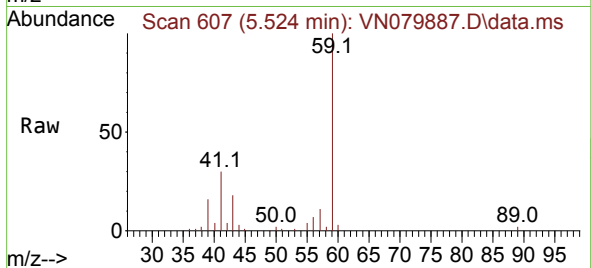




#11
Tert butyl alcohol
Concen: 228.221 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

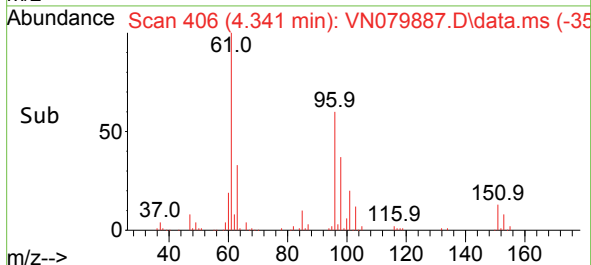
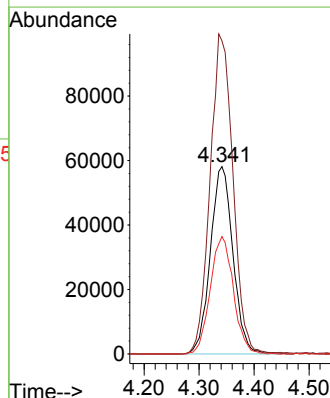
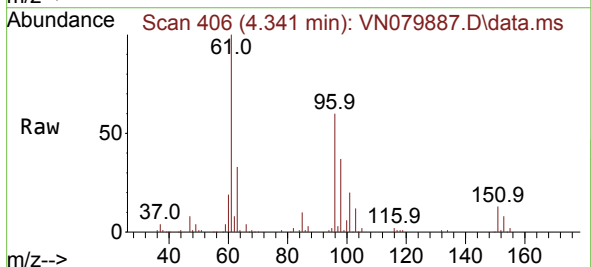
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

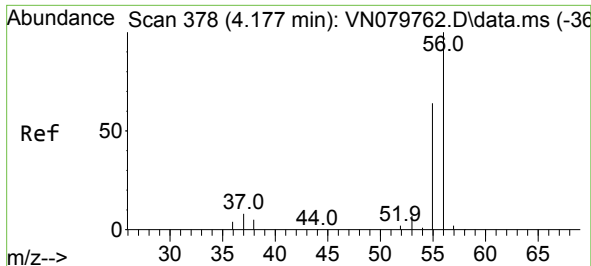
Tgt Ion: 59 Resp: 132995
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 51.489 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 96 Resp: 166066
Ion Ratio Lower Upper
96 100
61 167.1 112.7 169.1
98 62.6 51.2 76.8

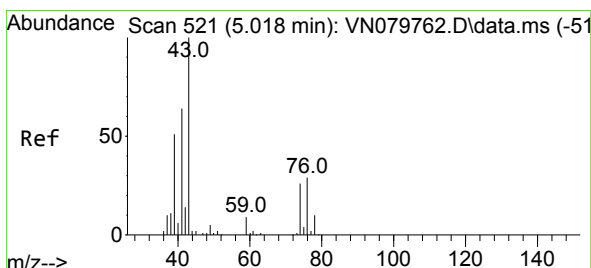
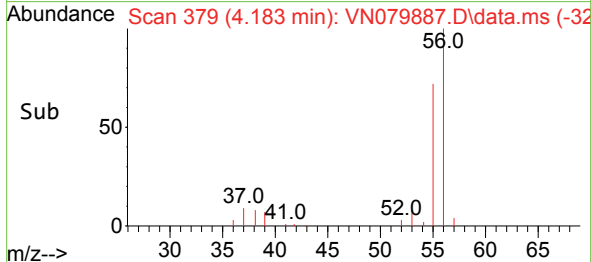
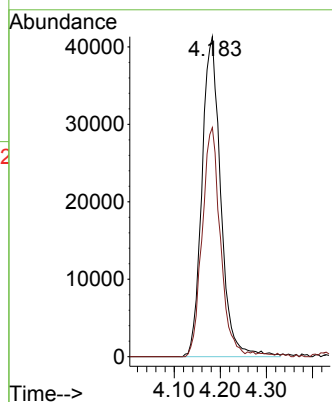
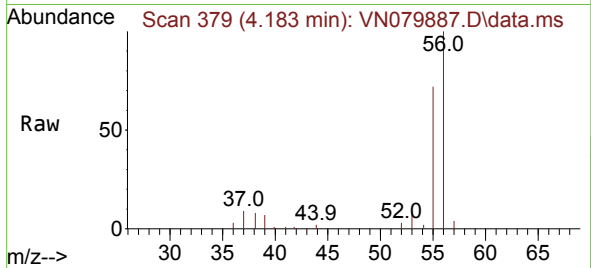




#13
Acrolein
Concen: 258.667 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

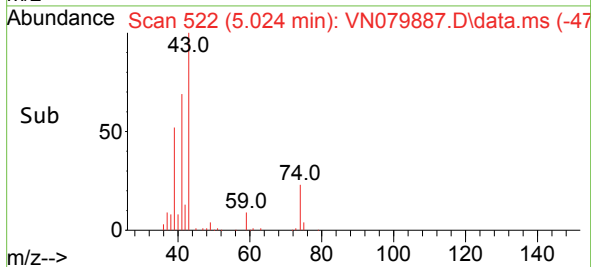
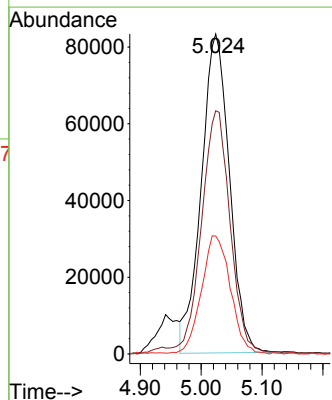
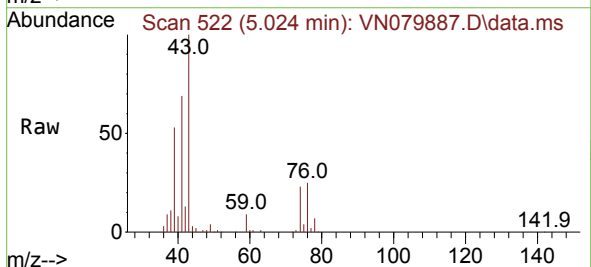
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

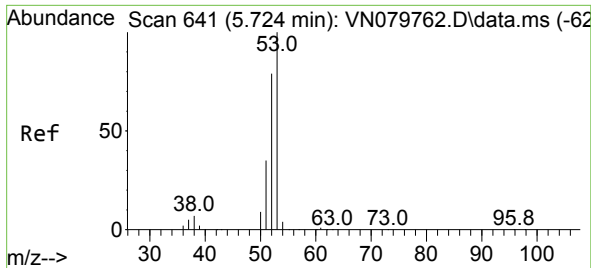
Tgt Ion: 56 Resp: 117388
Ion Ratio Lower Upper
56 100
55 69.1 54.5 81.7



#14
Allyl chloride
Concen: 54.150 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 41 Resp: 267494
Ion Ratio Lower Upper
41 100
39 77.1 58.8 88.2
76 38.3 39.1 58.7#

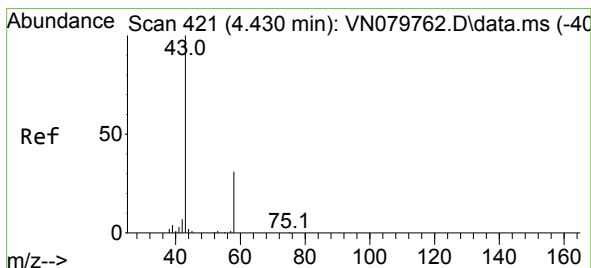
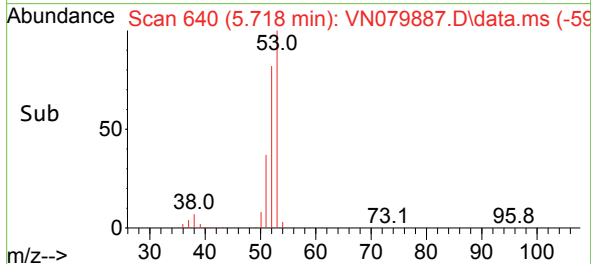
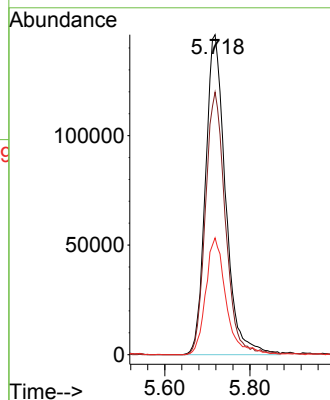
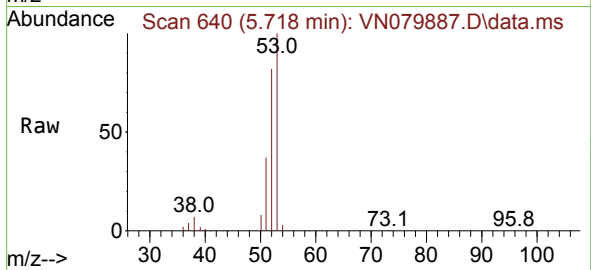




#15
Acrylonitrile
Concen: 262.781 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

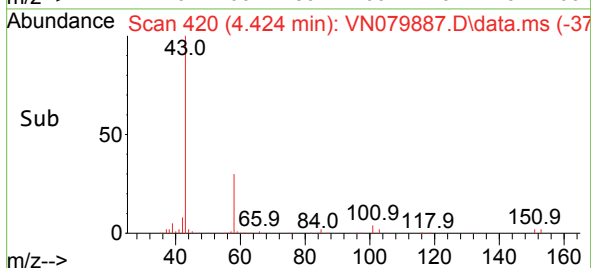
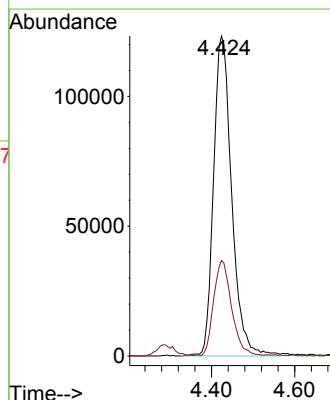
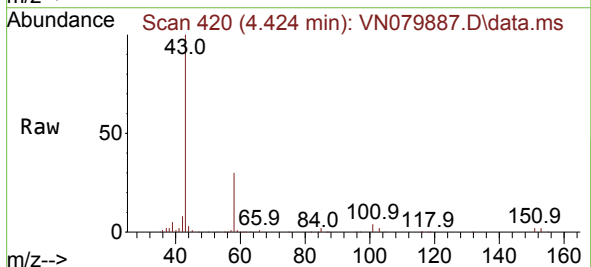
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

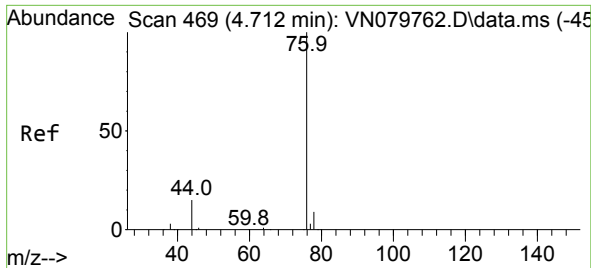
Tgt Ion: 53 Resp: 477222
Ion Ratio Lower Upper
53 100
52 80.9 65.3 97.9
51 37.1 28.9 43.3



#16
Acetone
Concen: 232.751 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 43 Resp: 373221
Ion Ratio Lower Upper
43 100
58 29.5 28.0 42.0

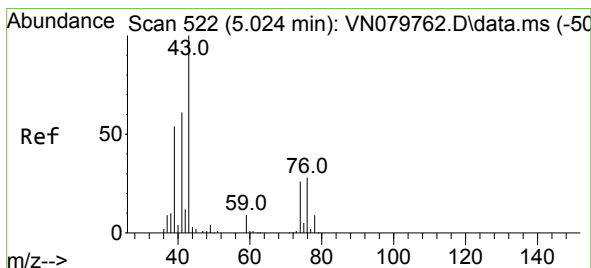
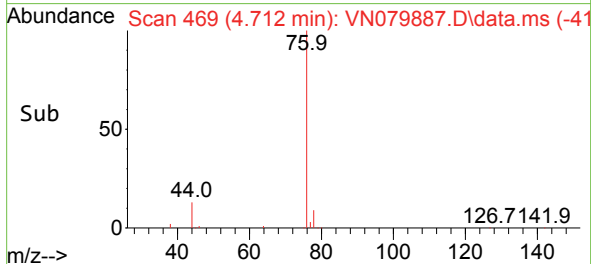
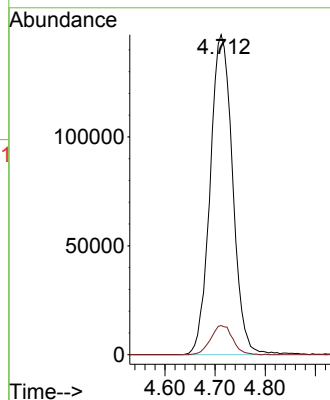
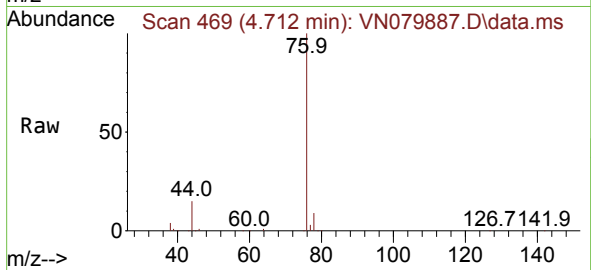




#17
Carbon Disulfide
Concen: 49.204 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

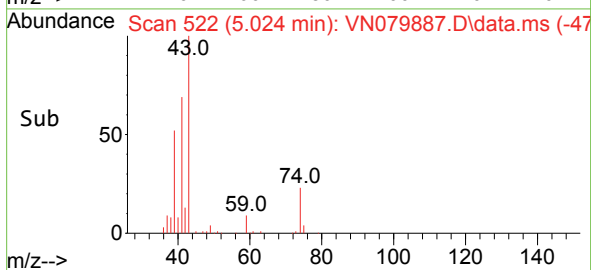
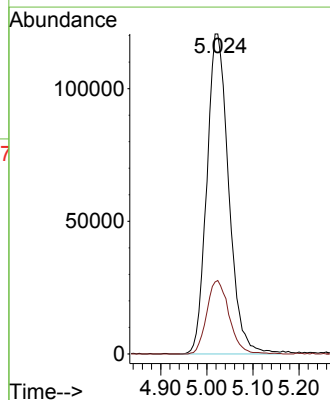
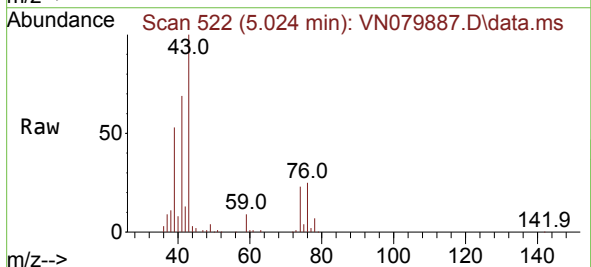
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

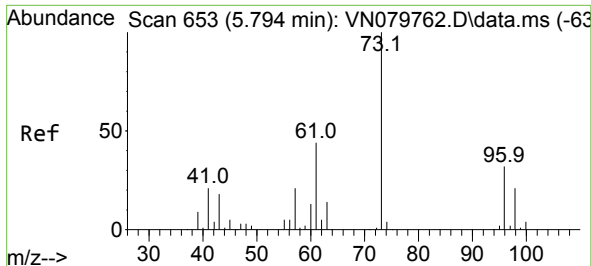
Tgt Ion: 76 Resp: 457754
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 51.985 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 43 Resp: 398812
Ion Ratio Lower Upper
43 100
74 23.4 26.2 39.4#

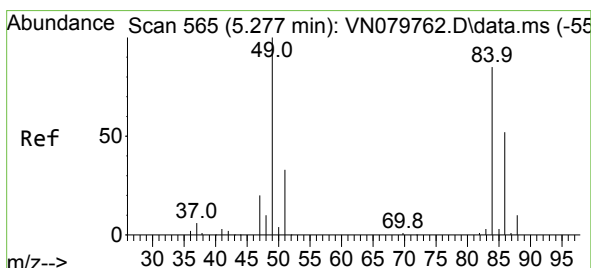
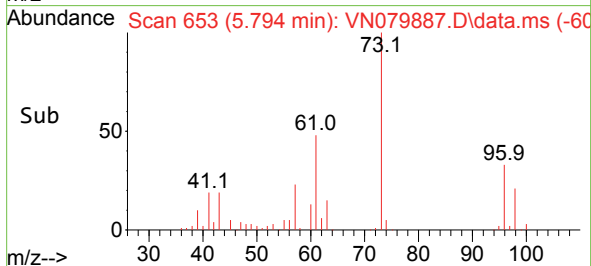
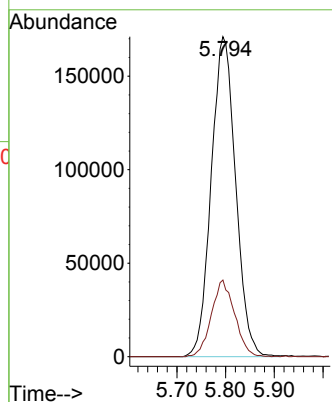
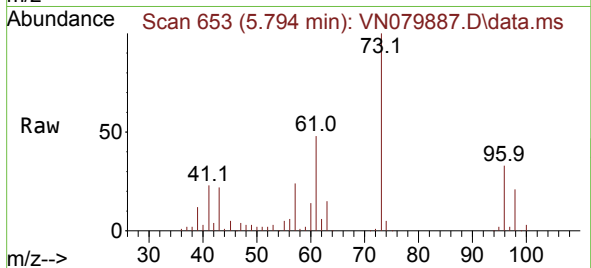




#19
Methyl tert-butyl Ether
Concen: 53.647 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

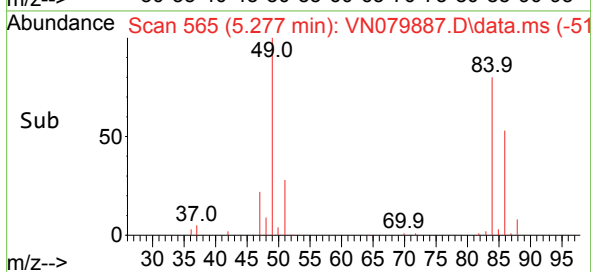
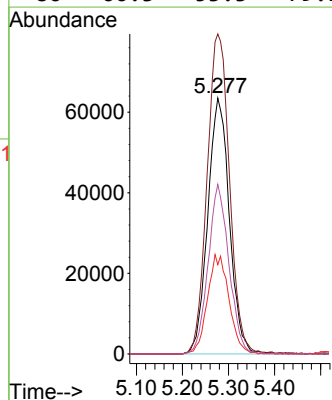
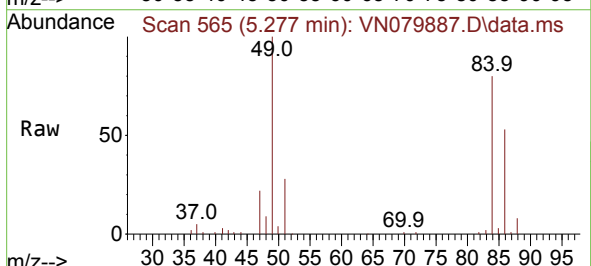
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

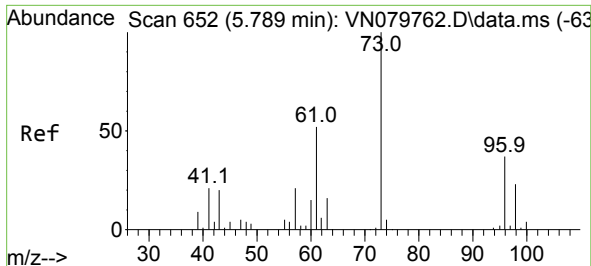
Tgt Ion: 73 Resp: 595704
Ion Ratio Lower Upper
73 100
57 24.0 15.6 23.4#



#20
Methylene Chloride
Concen: 51.288 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 84 Resp: 207518
Ion Ratio Lower Upper
84 100
49 125.1 79.7 119.5#
51 34.9 25.2 37.8
86 66.3 53.3 79.9

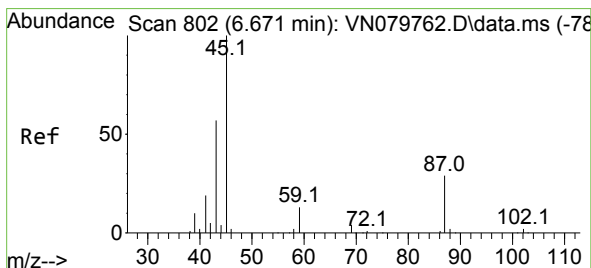
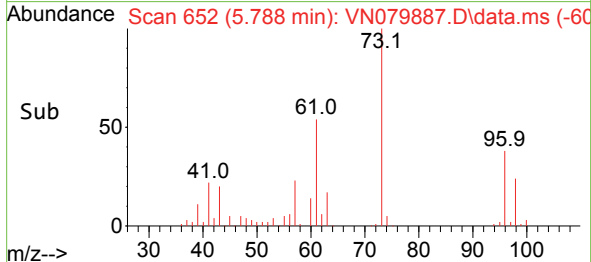
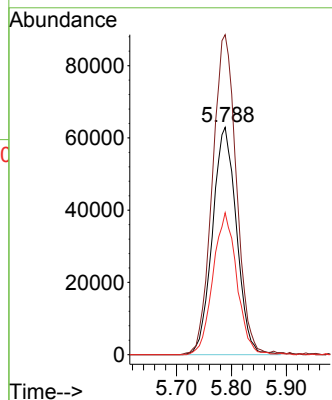
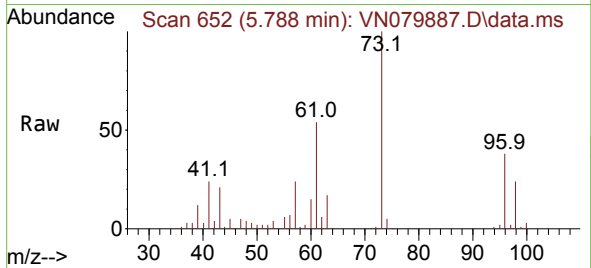




#21
trans-1,2-Dichloroethene
Concen: 53.167 ug/l
RT: 5.788 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

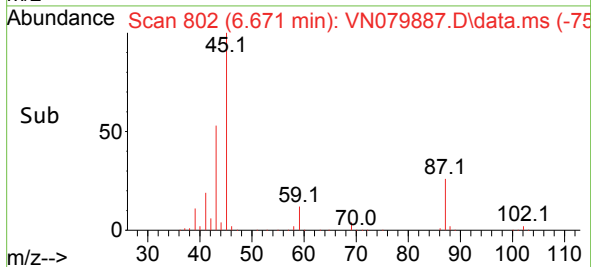
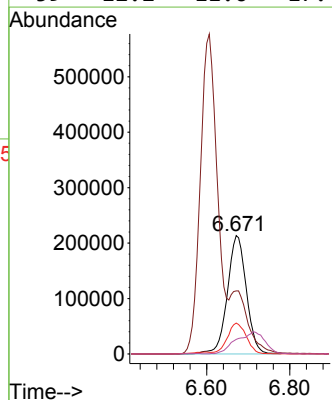
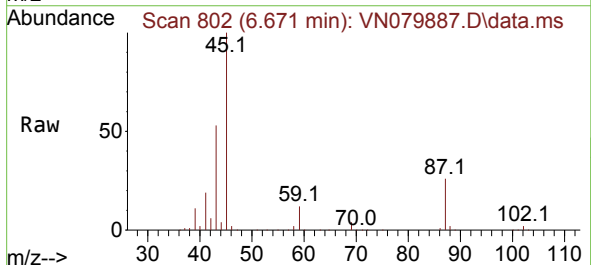
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

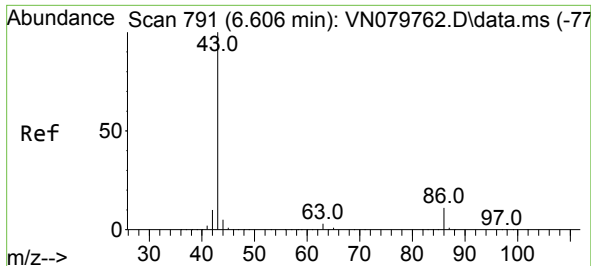
Tgt Ion: 96 Resp: 191247
Ion Ratio Lower Upper
96 100
61 140.7 90.1 135.1#
98 62.4 46.4 69.6



#22
Diisopropyl ether
Concen: 59.022 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 45 Resp: 675677
Ion Ratio Lower Upper
45 100
43 53.0 45.5 68.3
87 26.1 31.8 47.8#
59 12.2 11.6 17.4

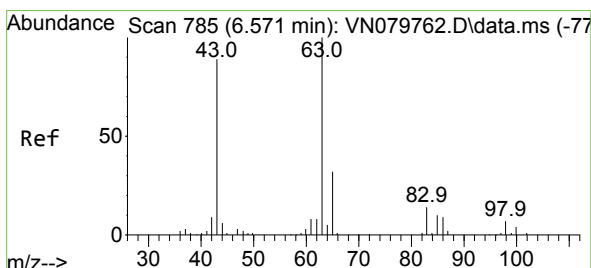
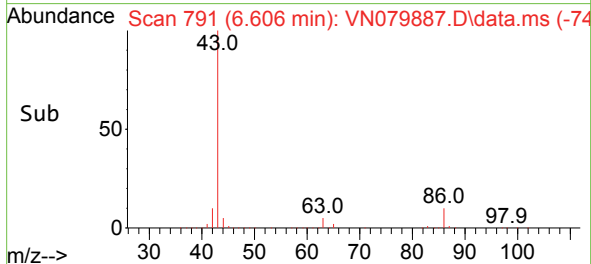
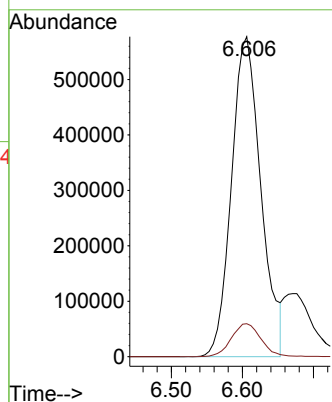
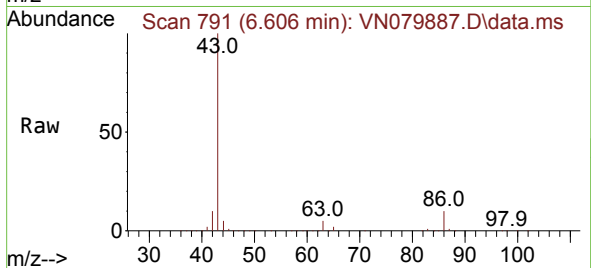




#23
 Vinyl Acetate
 Concen: 263.726 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079887.D
 Acq: 04 Nov 2023 09:05

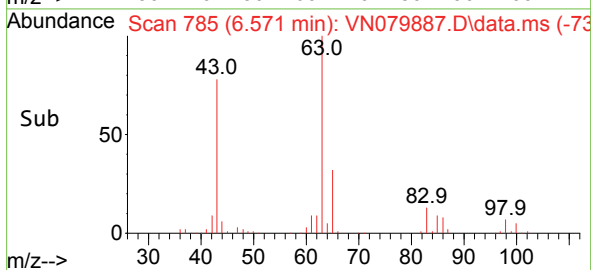
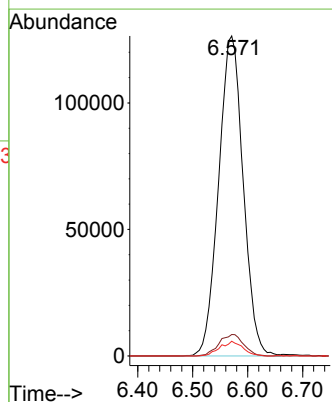
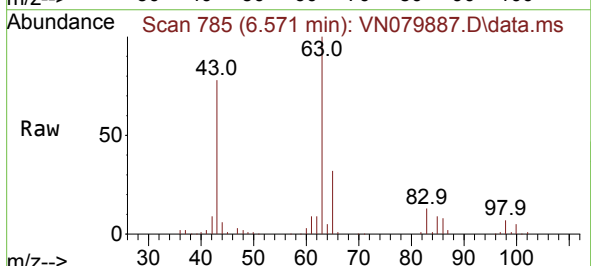
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

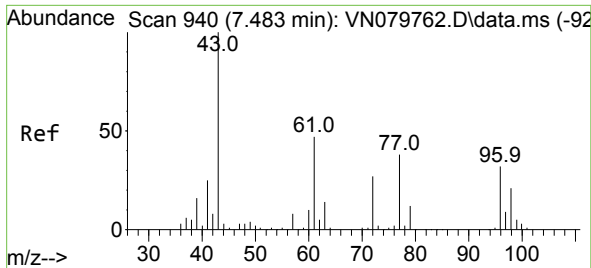
Tgt Ion: 43 Resp: 1665319
 Ion Ratio Lower Upper
 43 100
 86 10.3 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 56.456 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079887.D
 Acq: 04 Nov 2023 09:05

Tgt Ion: 63 Resp: 392822
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.6 2.5 7.4

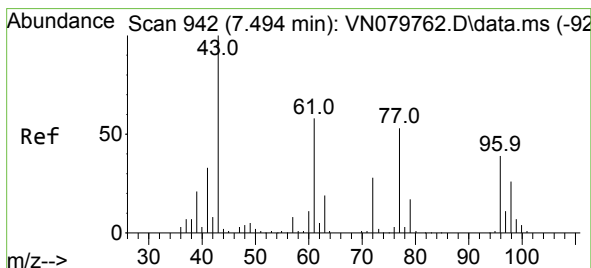
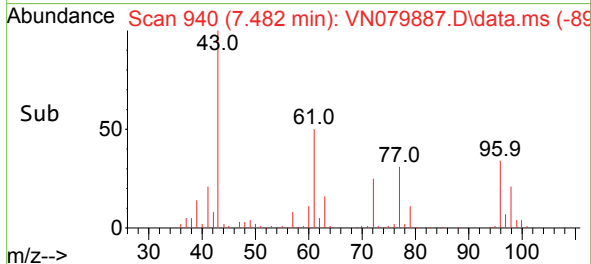
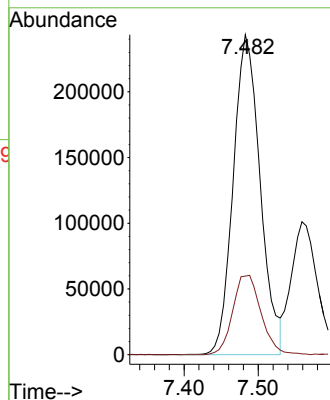
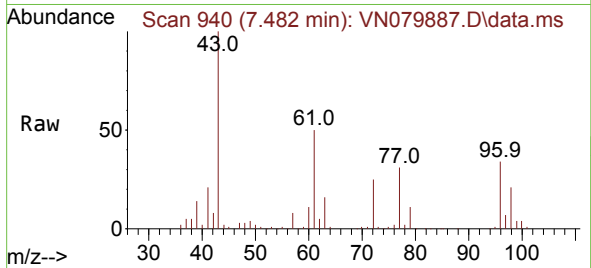




#25
2-Butanone
Concen: 262.500 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

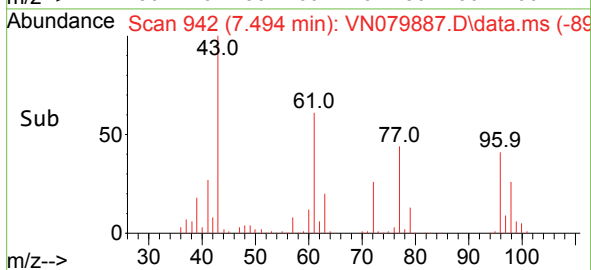
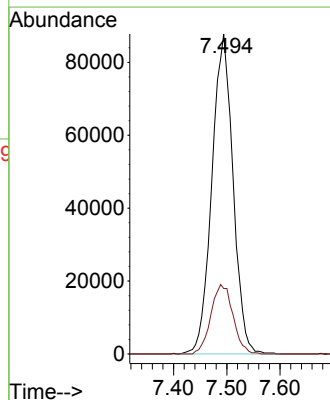
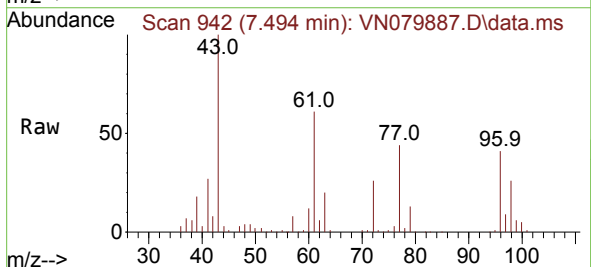
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

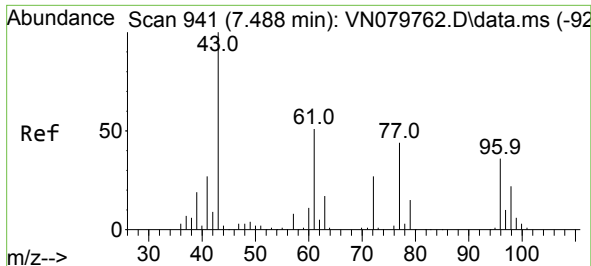
Tgt Ion: 43 Resp: 616384
Ion Ratio Lower Upper
43 100
72 24.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 42.038 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 77 Resp: 241907
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6

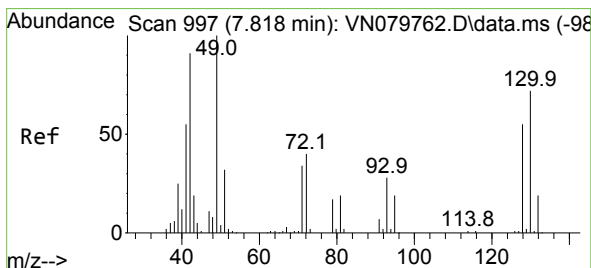
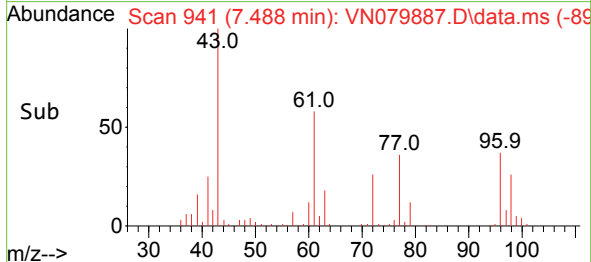
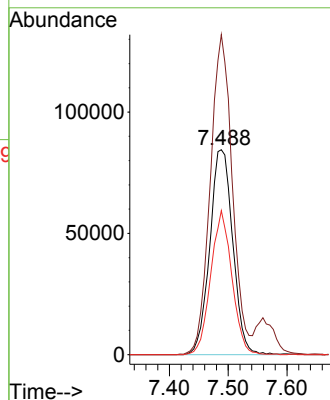
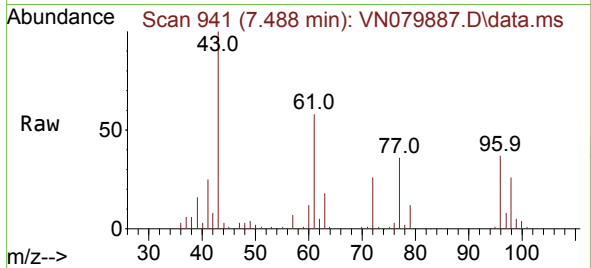




#27
 cis-1,2-Dichloroethene
 Concen: 53.427 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079887.D
 Acq: 04 Nov 2023 09:05

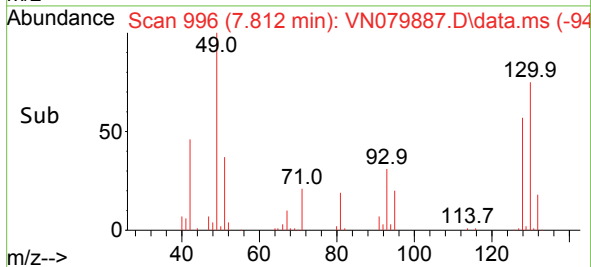
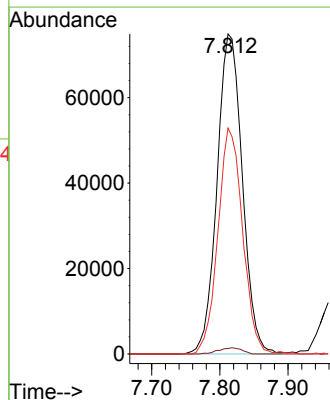
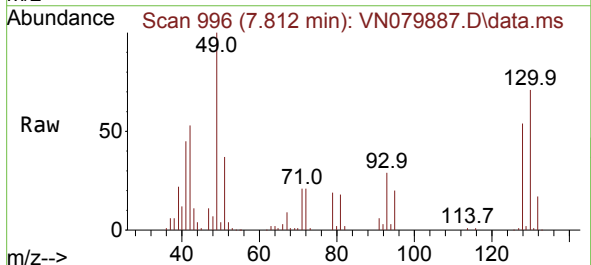
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

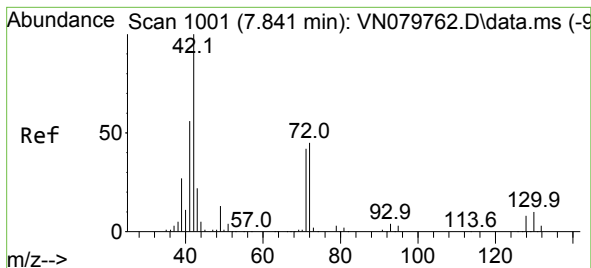
Tgt Ion: 96 Resp: 229882
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 255.2
 98 64.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 57.156 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079887.D
 Acq: 04 Nov 2023 09:05

Tgt Ion: 49 Resp: 193811
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 68.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 272.657 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

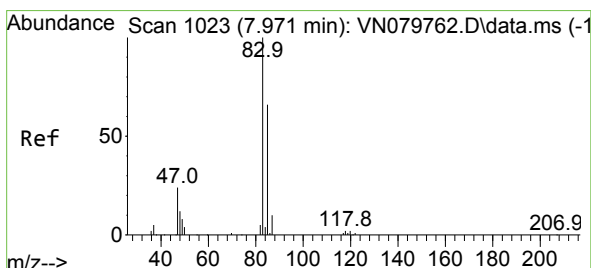
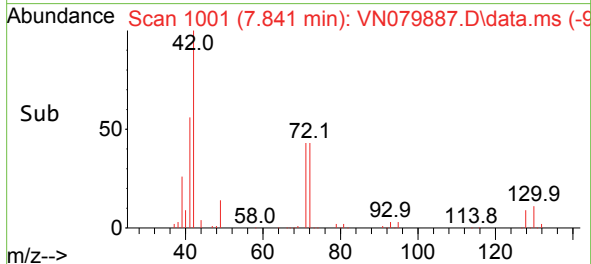
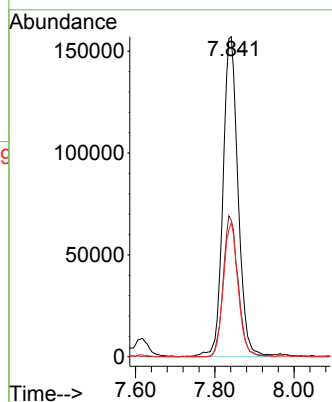
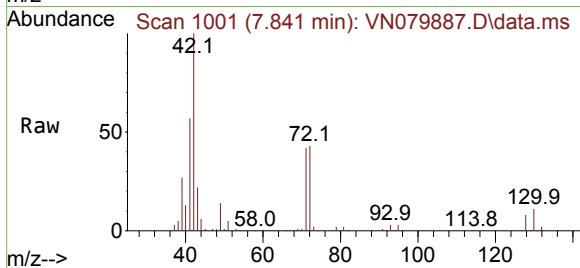
Tgt Ion: 42 Resp: 416543

Ion Ratio Lower Upper

42 100

72 43.0 49.8 74.6#

71 40.6 47.4 71.2#



#30

Chloroform

Concen: 53.099 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN079887.D

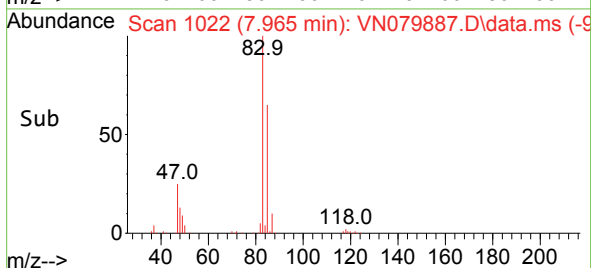
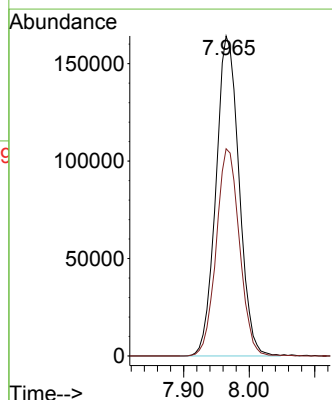
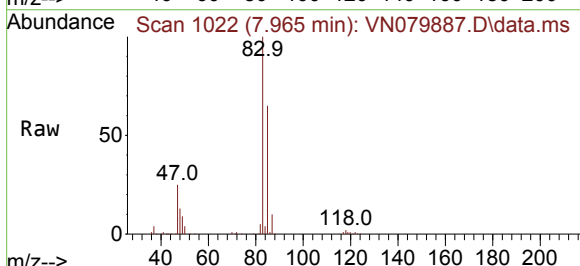
Acq: 04 Nov 2023 09:05

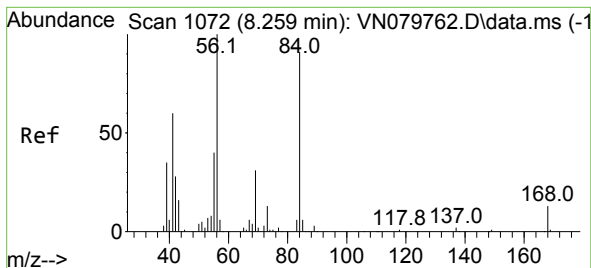
Tgt Ion: 83 Resp: 401320

Ion Ratio Lower Upper

83 100

85 64.8 55.4 83.0





#31

Cyclohexane

Concen: 52.864 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

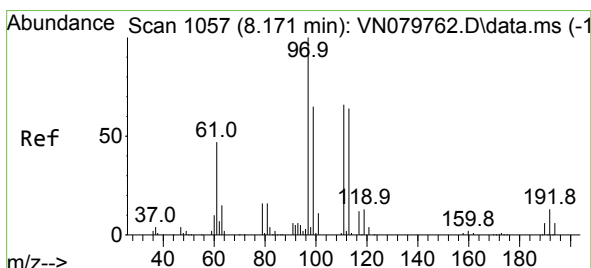
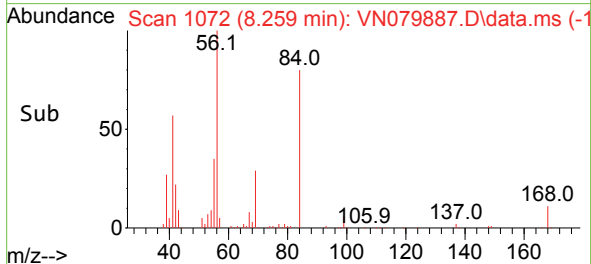
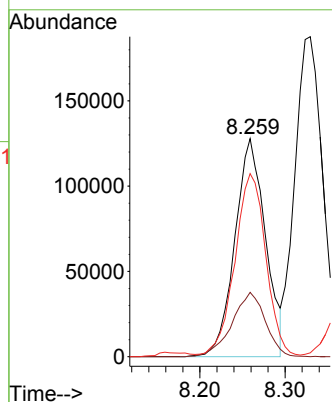
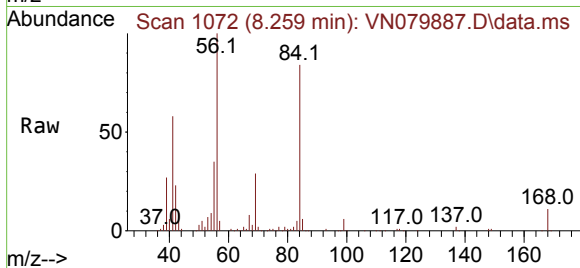
Tgt Ion: 56 Resp: 318892

Ion Ratio Lower Upper

56 100

69 29.5 26.8 40.2

84 82.3 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 55.138 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

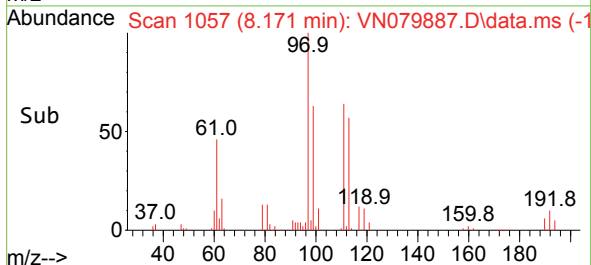
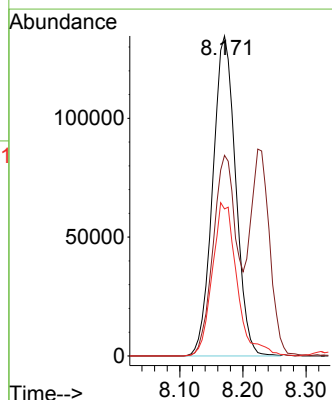
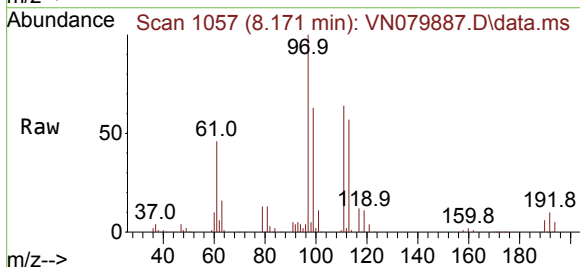
Tgt Ion: 97 Resp: 339555

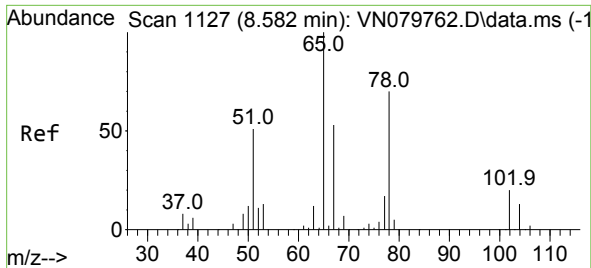
Ion Ratio Lower Upper

97 100

99 64.2 50.3 75.5

61 51.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 55.379 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Instrument :

MSVOA_N

ClientSampleId :

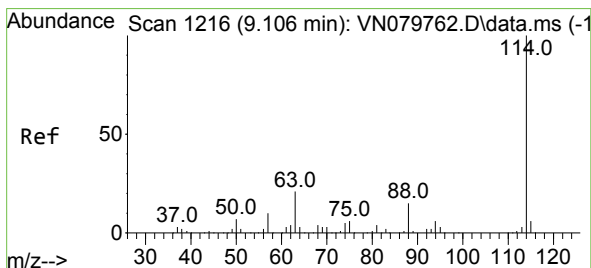
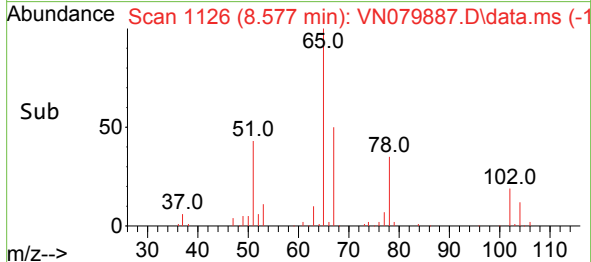
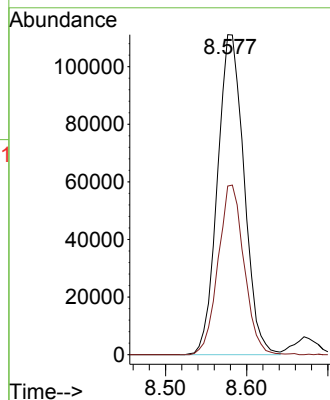
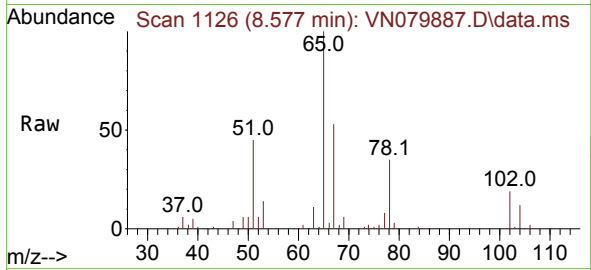
VSTDCCC050EC

Tgt Ion: 65 Resp: 252809

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

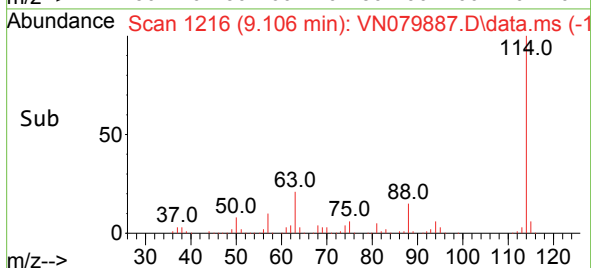
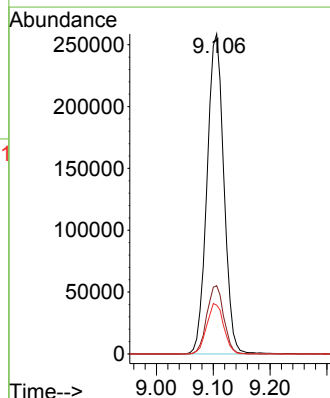
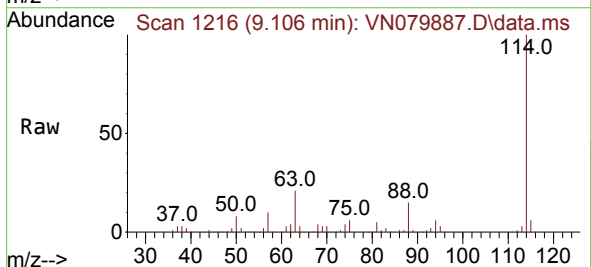
Tgt Ion: 114 Resp: 530222

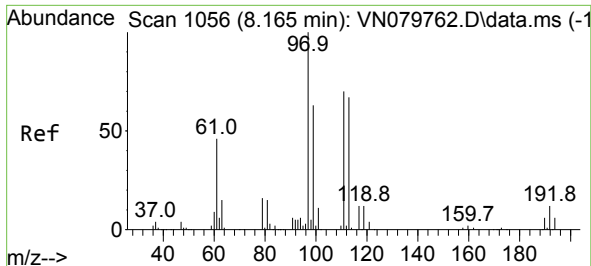
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 15.3 0.0 30.6

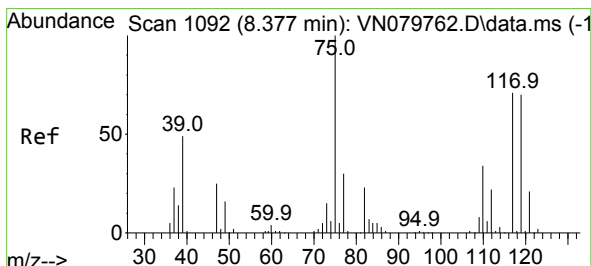
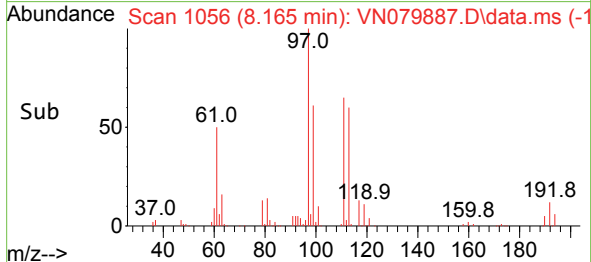
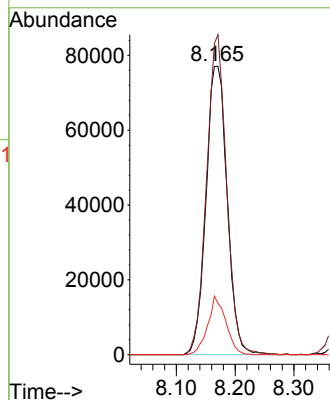
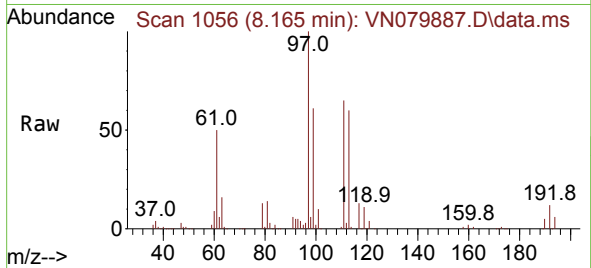




#35
Dibromofluoromethane
Concen: 51.321 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

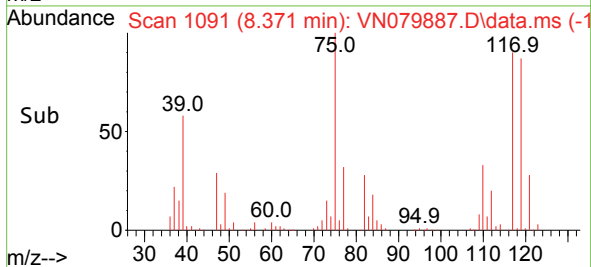
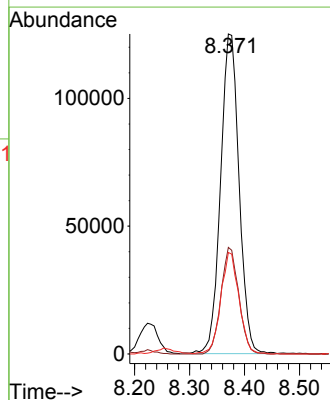
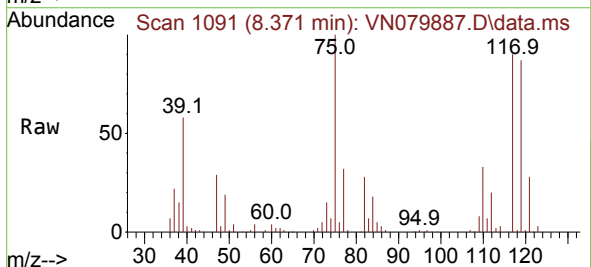
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

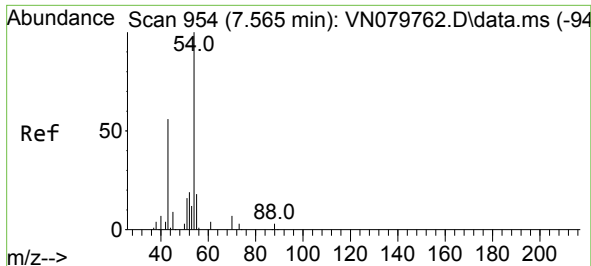
Tgt Ion:113 Resp: 192594
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 17.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 54.513 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 75 Resp: 292093
Ion Ratio Lower Upper
75 100
110 32.1 19.1 57.3
77 31.3 25.0 37.4

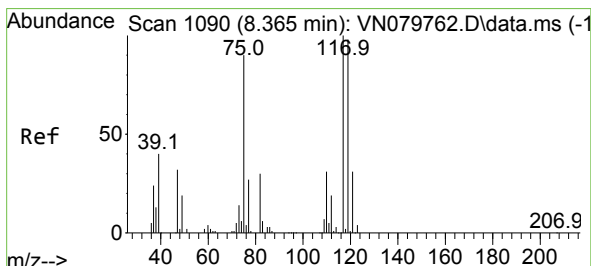
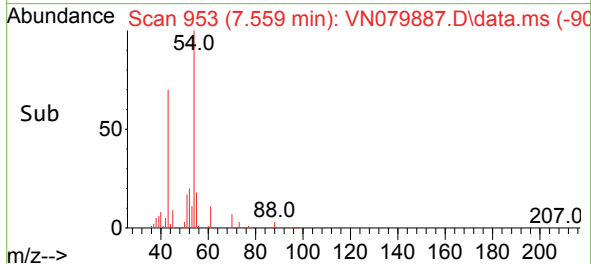
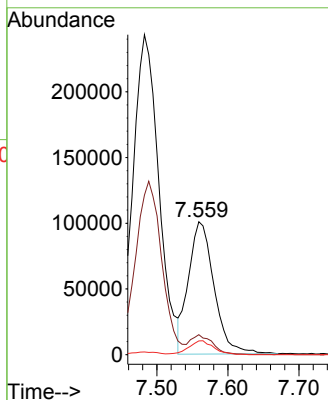
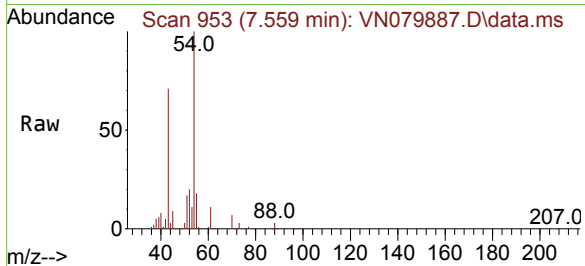




#37
Ethyl Acetate
Concen: 51.373 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

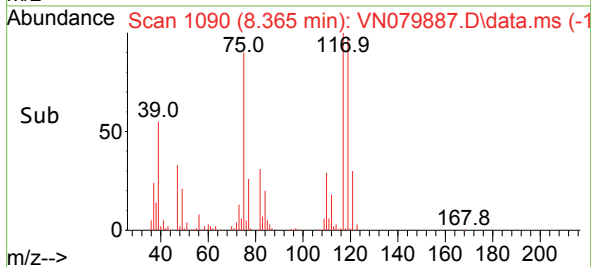
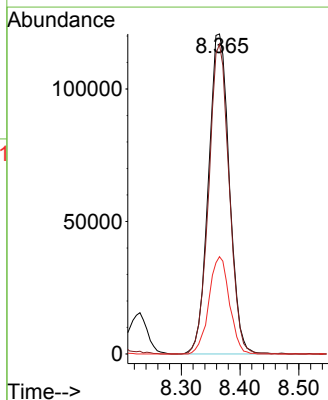
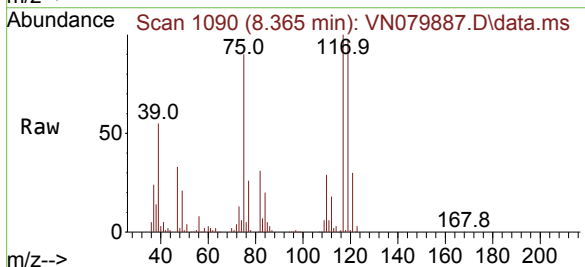
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

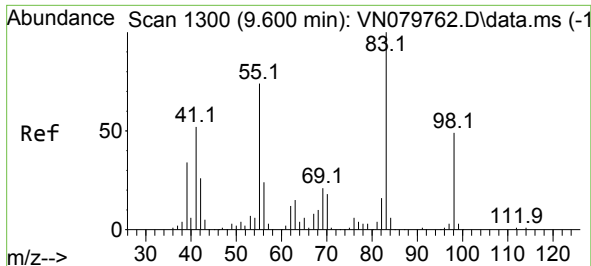
Tgt Ion: 43 Resp: 252454
Ion Ratio Lower Upper
43 100
61 12.5 13.2 19.8#
70 10.3 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 55.200 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 117 Resp: 298088
Ion Ratio Lower Upper
117 100
119 96.8 77.3 115.9
121 30.4 23.3 34.9





#39

Methylcyclohexane

Concen: 54.667 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

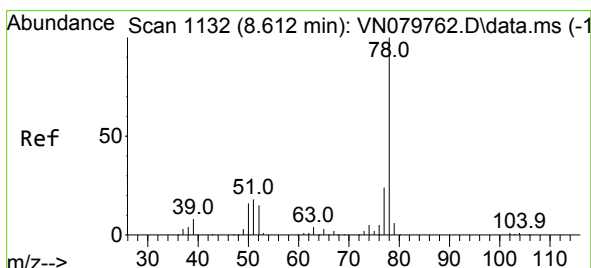
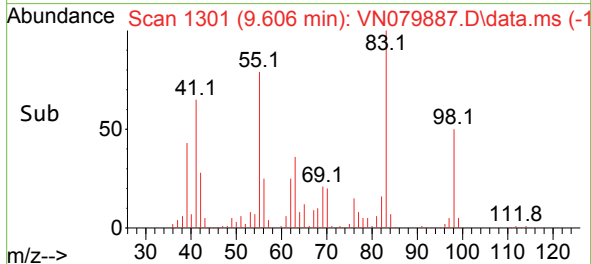
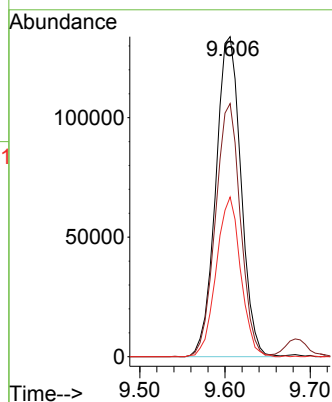
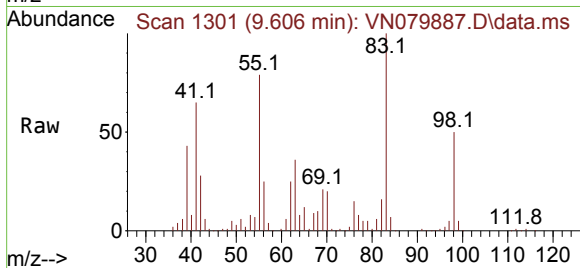
Tgt Ion: 83 Resp: 275662

Ion Ratio Lower Upper

83 100

55 79.1 49.1 73.7#

98 49.9 40.6 61.0



#40

Benzene

Concen: 53.942 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079887.D

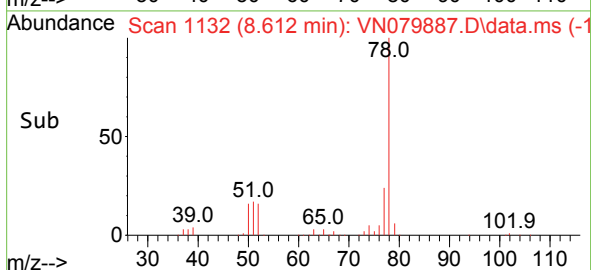
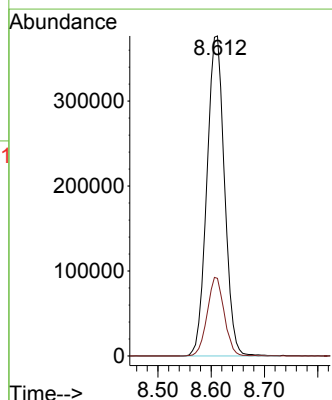
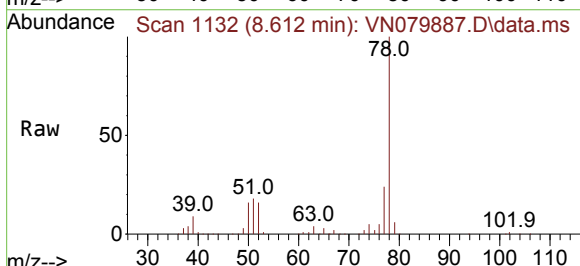
Acq: 04 Nov 2023 09:05

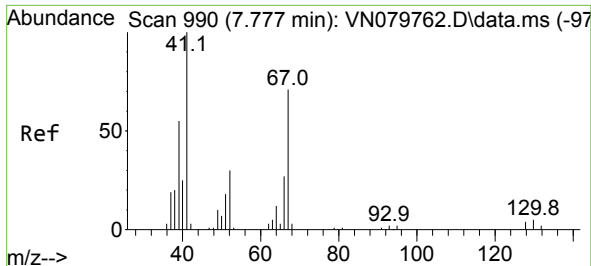
Tgt Ion: 78 Resp: 865704

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

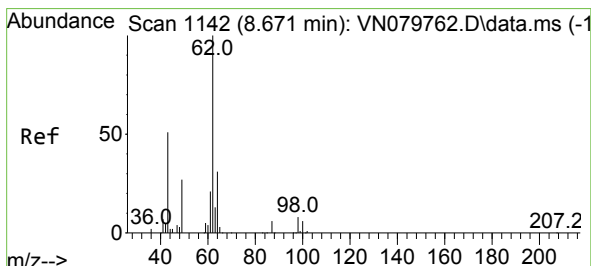
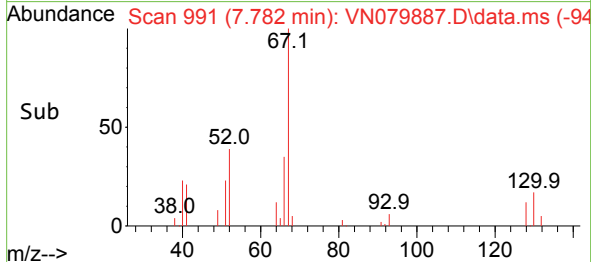
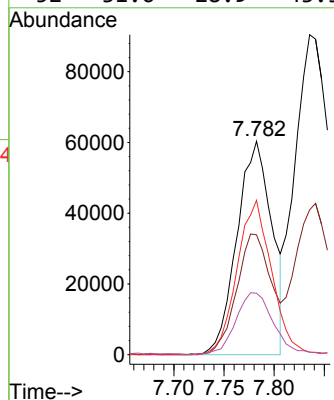
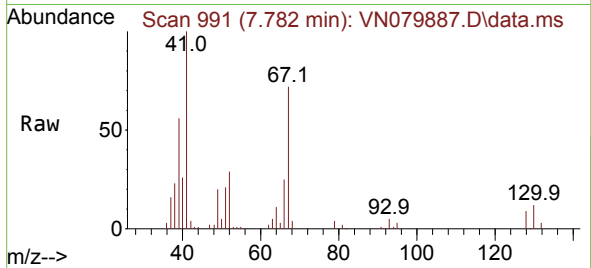




#41
Methacrylonitrile
Concen: 56.068 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

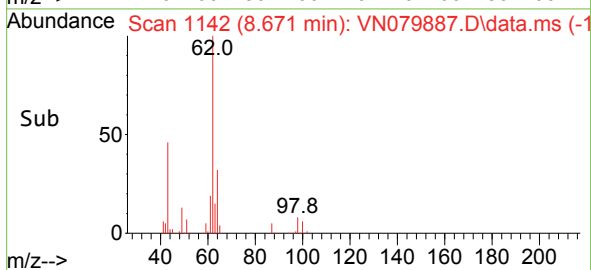
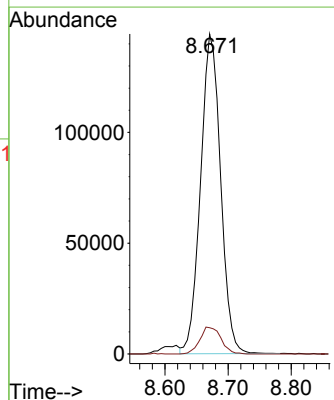
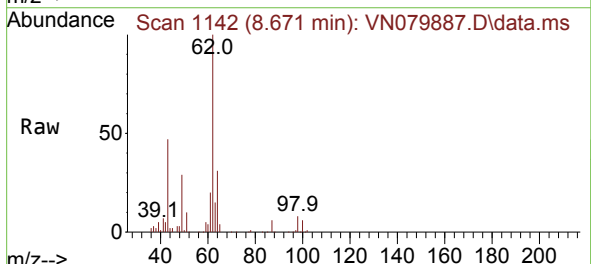
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

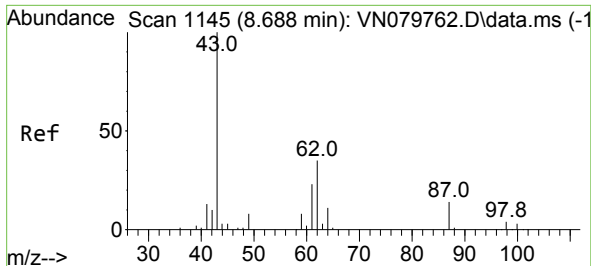
Tgt Ion: 41	Resp: 146311
Ion Ratio	Lower Upper
41 100	
39 56.2	42.6 64.0
67 71.6	77.5 116.3#
52 31.6	28.9 43.3



#42
1,2-Dichloroethane
Concen: 56.750 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 62	Resp: 318134
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 19.8

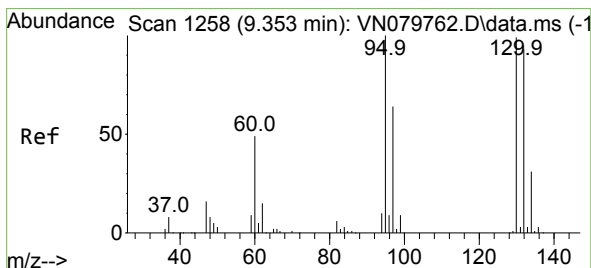
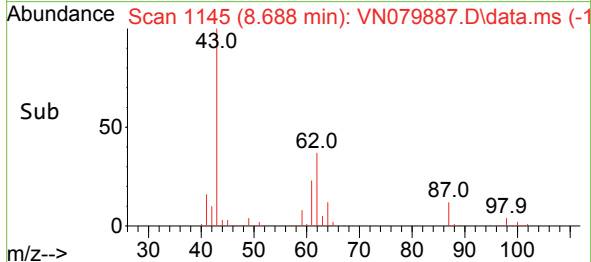
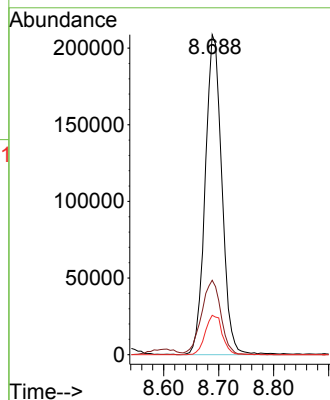
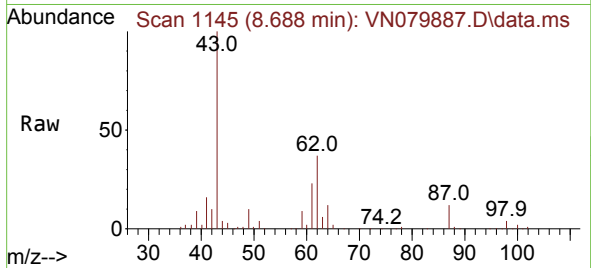




#43
Isopropyl Acetate
Concen: 51.002 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

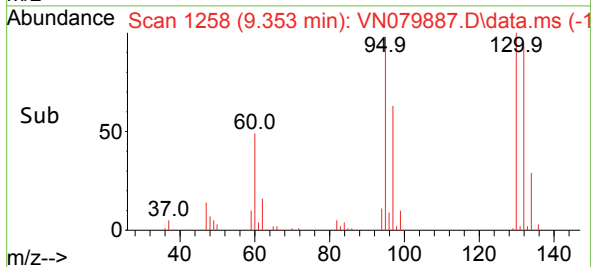
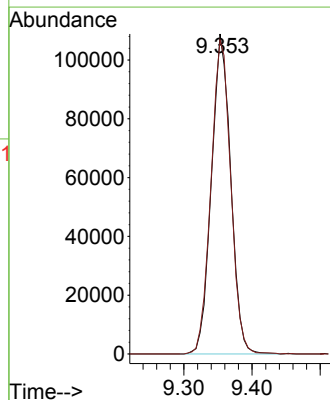
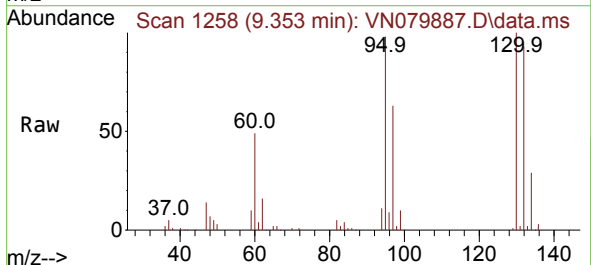
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

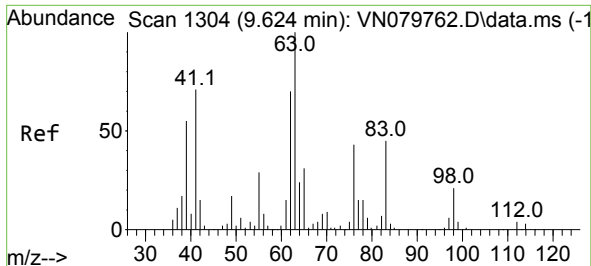
Tgt Ion: 43 Resp: 439531
Ion Ratio Lower Upper
43 100
61 27.1 24.7 37.1
87 12.6 14.6 21.8#



#44
Trichloroethene
Concen: 53.771 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion:130 Resp: 214136
Ion Ratio Lower Upper
130 100
95 98.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 57.468 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Instrument :

MSVOA_N

ClientSampleId :

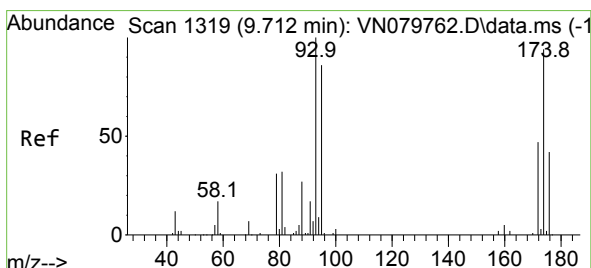
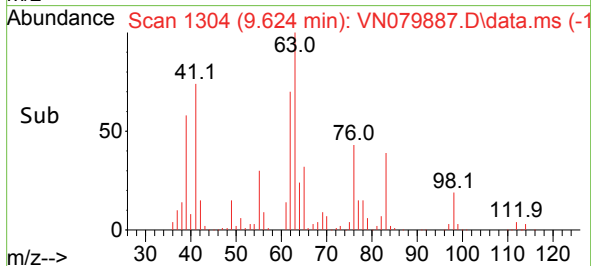
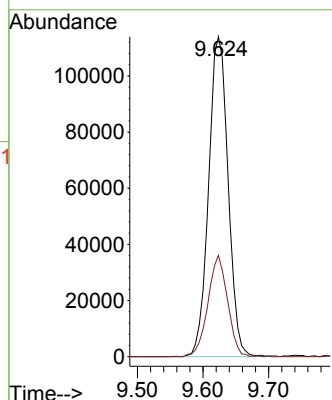
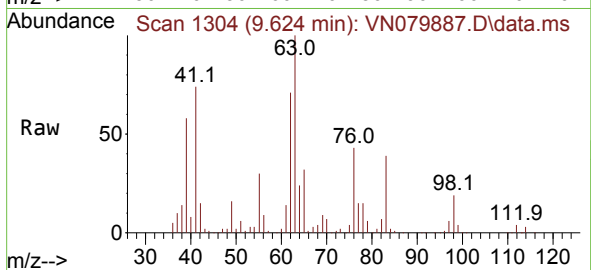
VSTDCCC050EC

Tgt Ion: 63 Resp: 235694

Ion Ratio Lower Upper

63 100

65 31.6 23.9 35.9



#46

Dibromomethane

Concen: 54.329 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

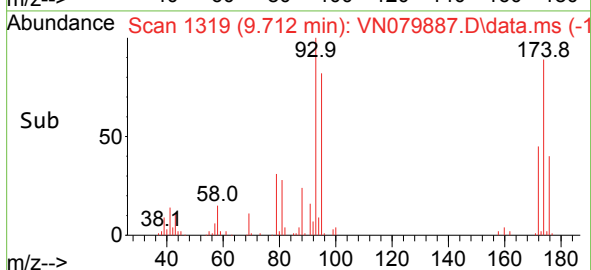
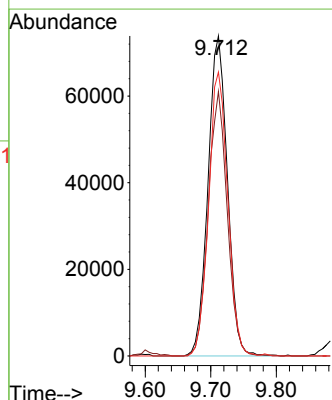
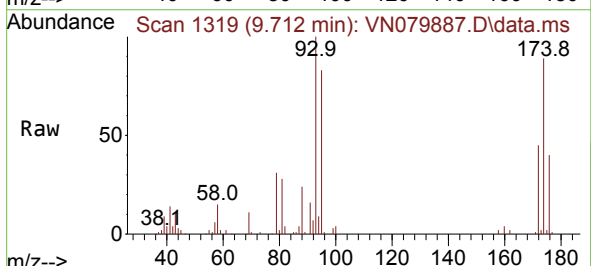
Tgt Ion: 93 Resp: 152145

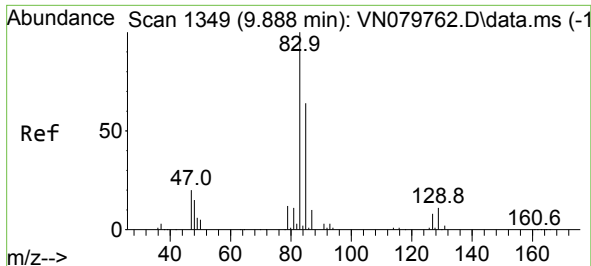
Ion Ratio Lower Upper

93 100

95 81.3 63.8 95.8

174 87.6 65.6 98.4

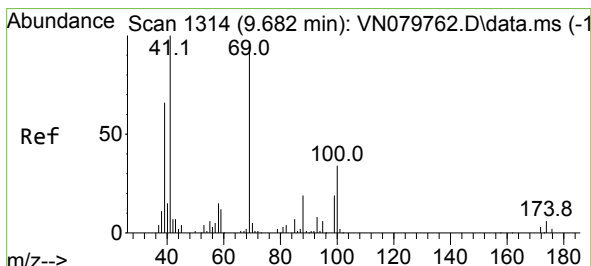
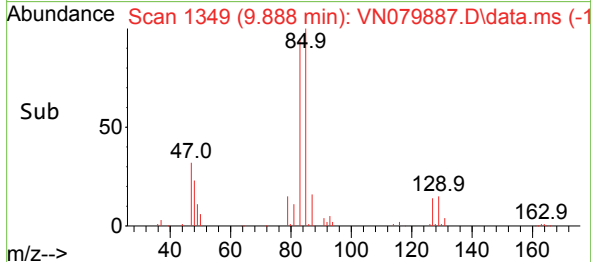
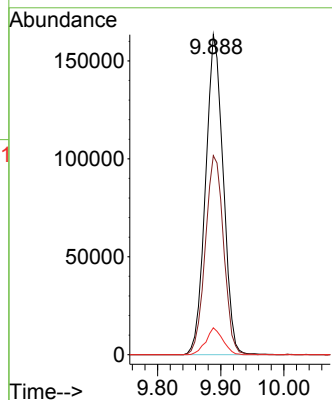
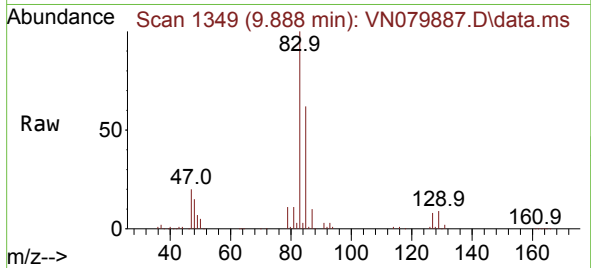




#47
Bromodichloromethane
Concen: 53.076 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

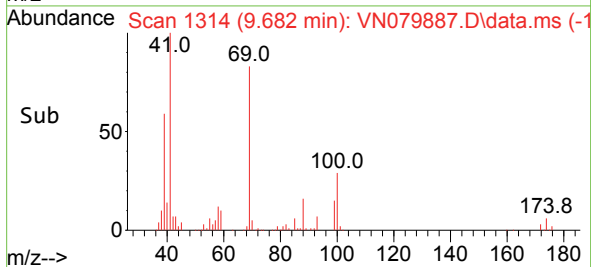
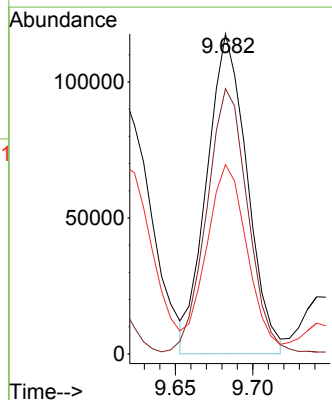
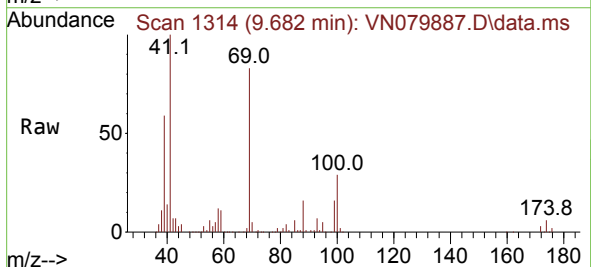
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

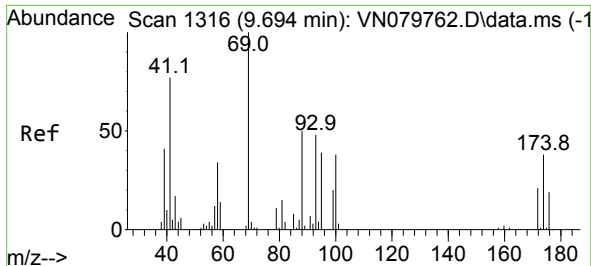
Tgt Ion: 83 Resp: 316996
Ion Ratio Lower Upper
83 100
85 62.2 49.6 74.4
127 8.4 7.0 10.6



#48
Methyl methacrylate
Concen: 56.170 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 41 Resp: 212028
Ion Ratio Lower Upper
41 100
69 85.4 90.4 135.6#
39 60.4 54.6 81.8





#49

1,4-Dioxane

Concen: 1047.056 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

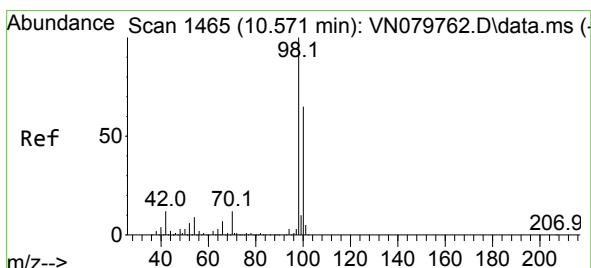
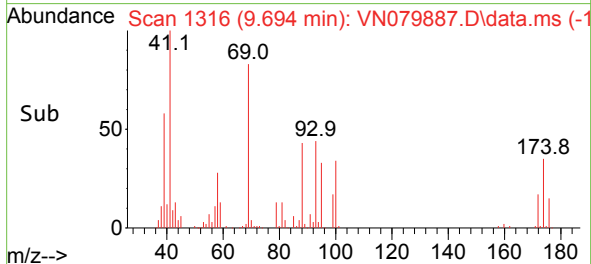
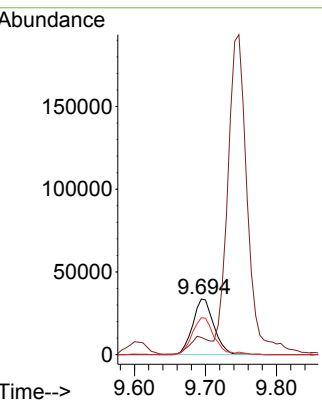
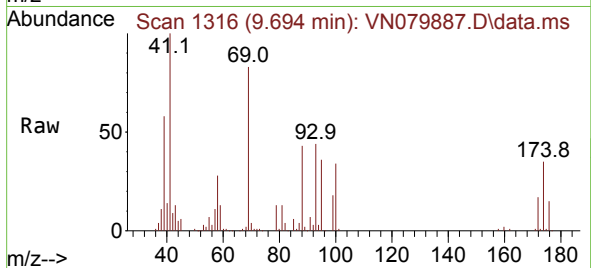
Tgt Ion: 88 Resp: 69838

Ion Ratio Lower Upper

88 100

43 27.4 17.0 25.6#

58 69.8 47.0 70.4



#50

Toluene-d8

Concen: 52.344 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079887.D

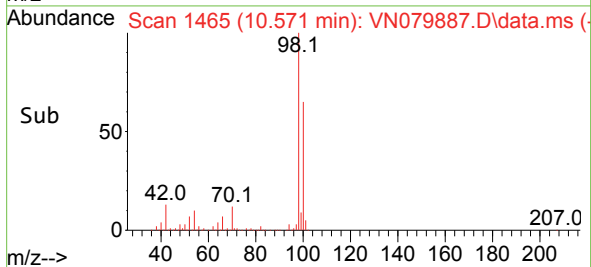
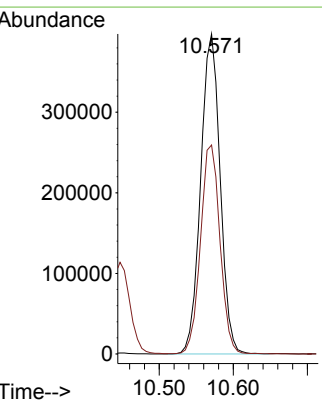
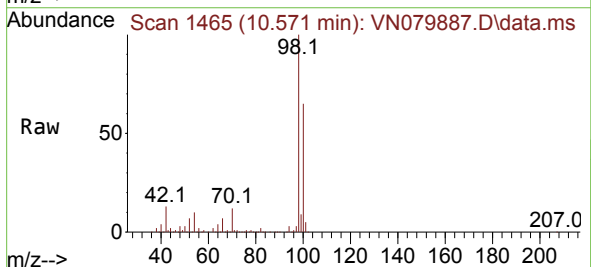
Acq: 04 Nov 2023 09:05

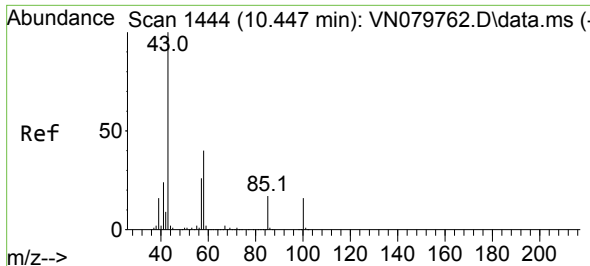
Tgt Ion: 98 Resp: 723138

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 276.289 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Instrument :

MSVOA_N

ClientSampleId :

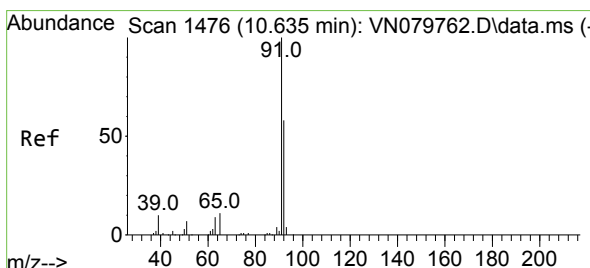
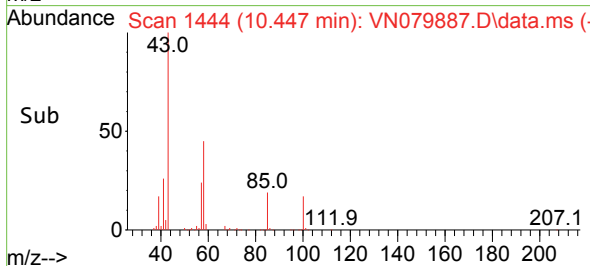
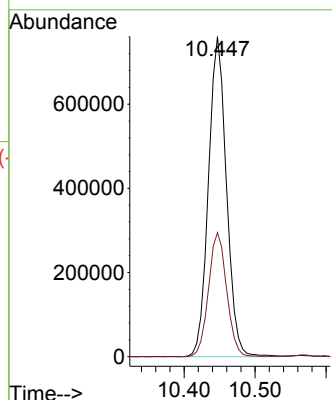
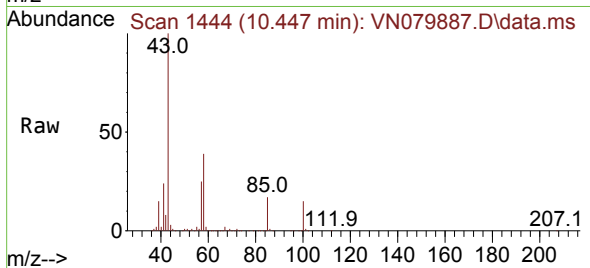
VSTDCCC050EC

Tgt Ion: 43 Resp: 1340497

Ion Ratio Lower Upper

43 100

58 39.2 36.6 54.8



#52

Toluene

Concen: 55.438 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079887.D

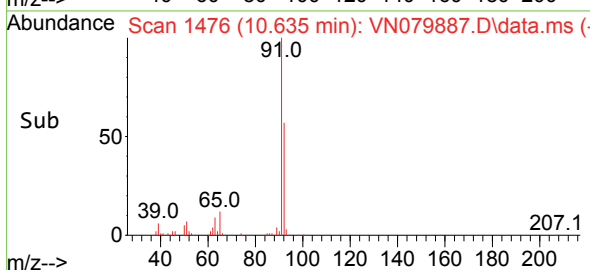
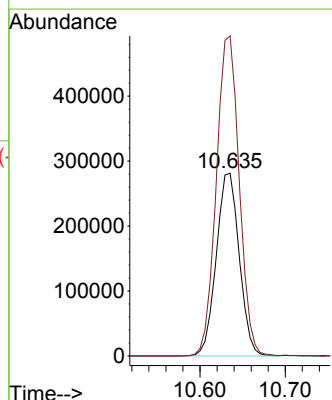
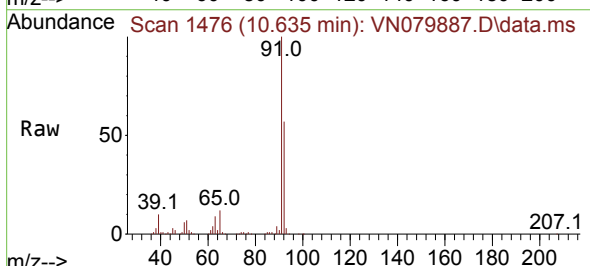
Acq: 04 Nov 2023 09:05

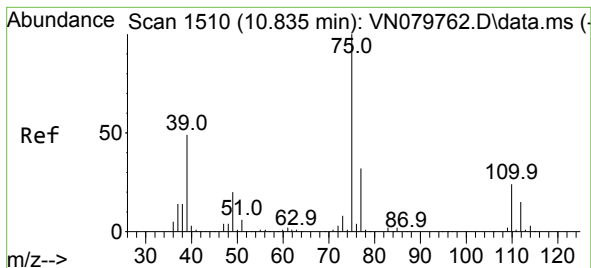
Tgt Ion: 92 Resp: 527458

Ion Ratio Lower Upper

92 100

91 174.9 137.4 206.0

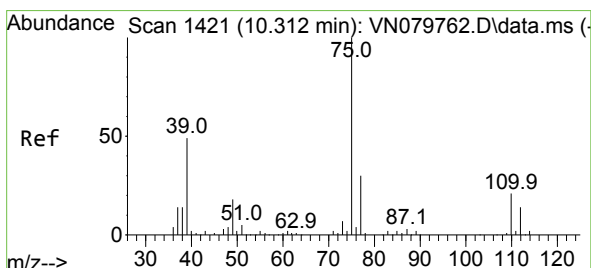
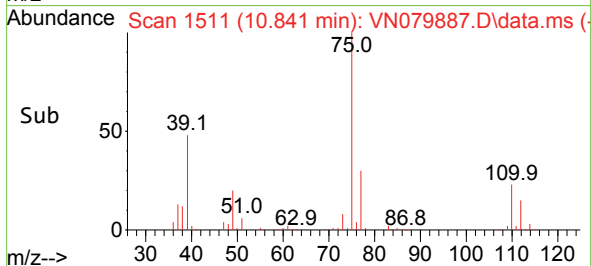
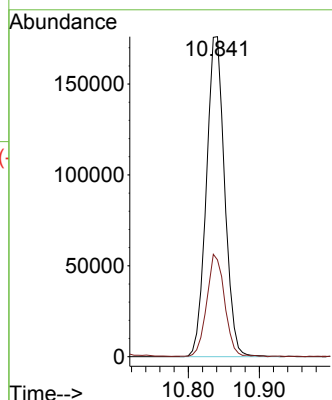
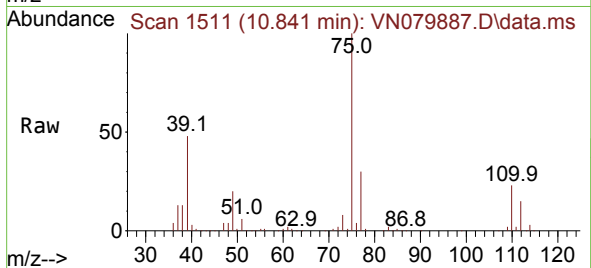




#53
 t-1,3-Dichloropropene
 Concen: 53.843 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079887.D
 Acq: 04 Nov 2023 09:05

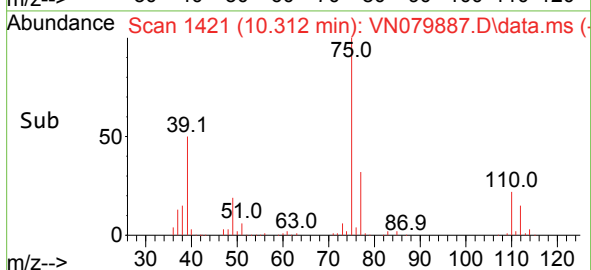
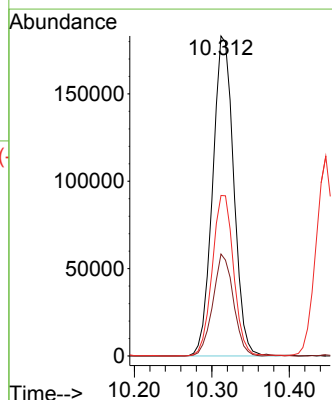
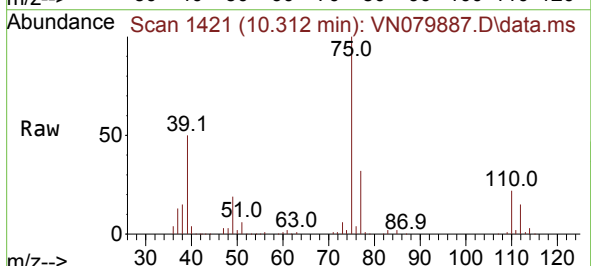
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

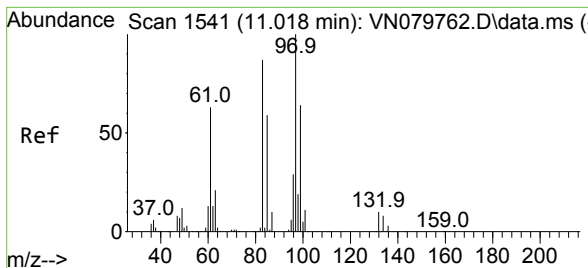
Tgt Ion: 75 Resp: 315245
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.234 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079887.D
 Acq: 04 Nov 2023 09:05

Tgt Ion: 75 Resp: 346105
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.1 39.1
 39 50.1 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 53.788 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 205839

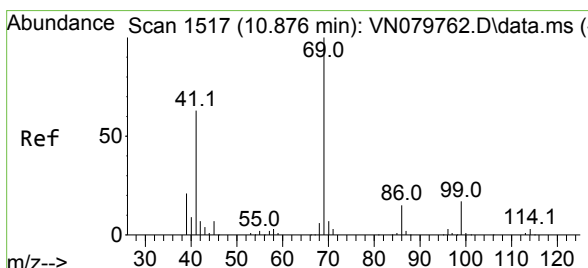
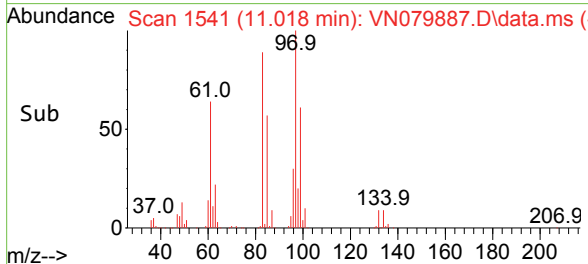
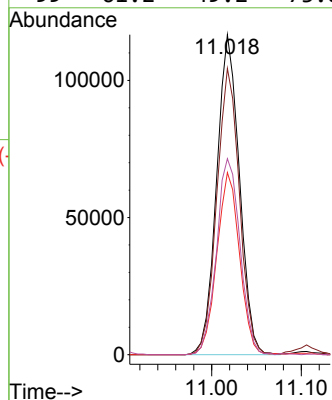
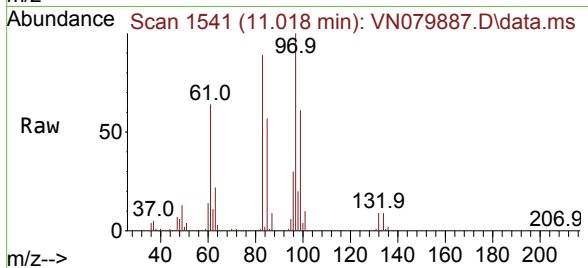
Ion Ratio Lower Upper

97 100

83 89.4 65.1 97.7

85 56.9 43.4 65.2

99 61.2 49.2 73.8



#56

Ethyl methacrylate

Concen: 56.537 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

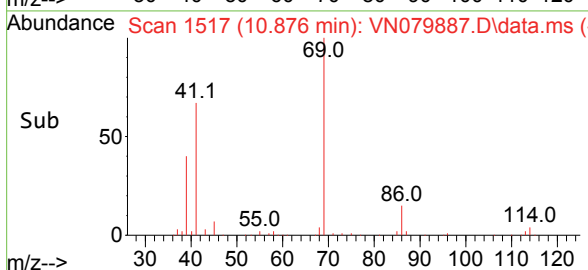
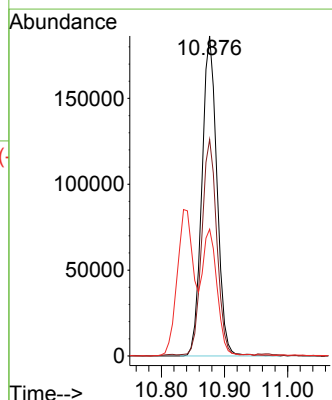
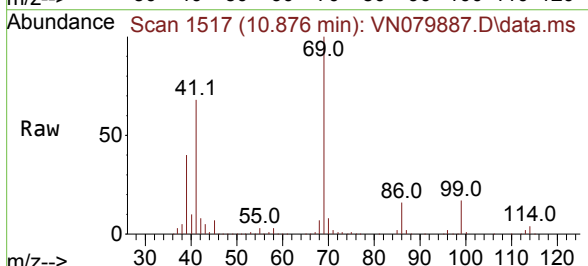
Tgt Ion: 69 Resp: 308609

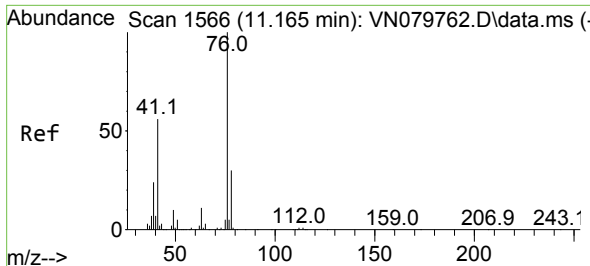
Ion Ratio Lower Upper

69 100

41 67.5 39.6 59.4#

39 37.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 54.921 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Instrument :

MSVOA_N

ClientSampleId :

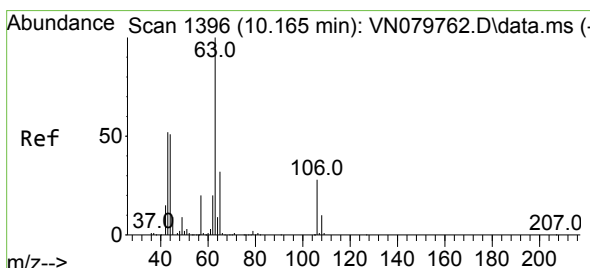
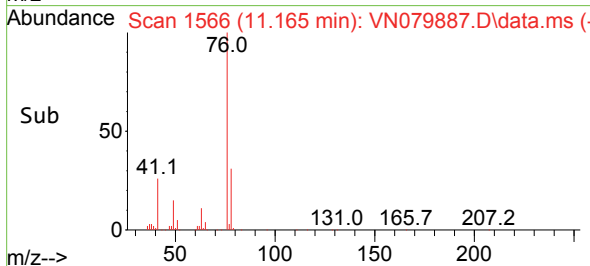
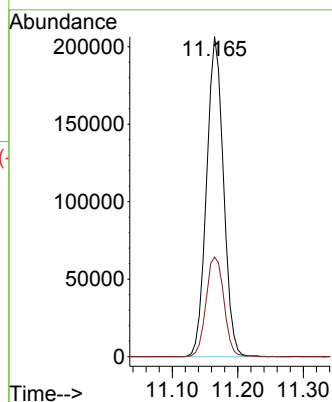
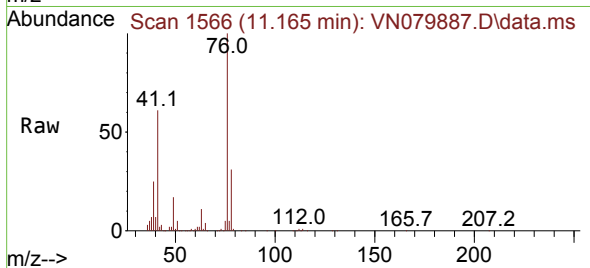
VSTDCCC050EC

Tgt Ion: 76 Resp: 370465

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 253.334 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079887.D

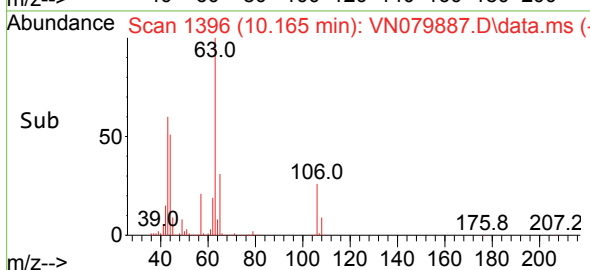
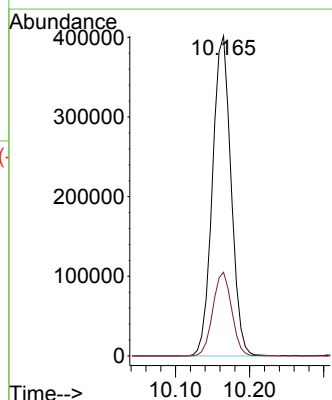
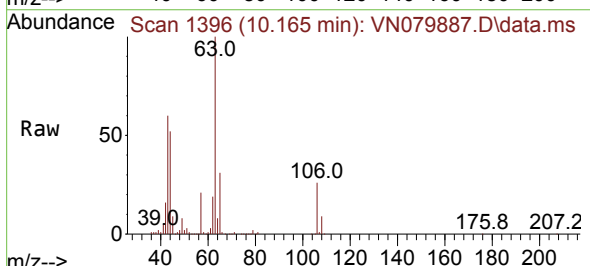
Acq: 04 Nov 2023 09:05

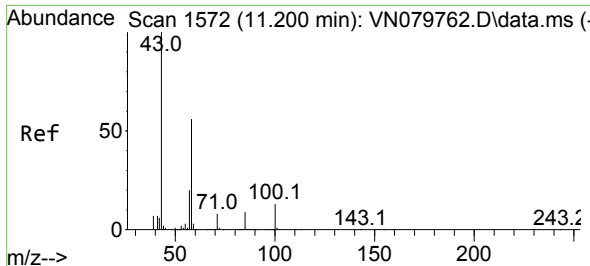
Tgt Ion: 63 Resp: 700873

Ion Ratio Lower Upper

63 100

106 26.4 26.2 39.4

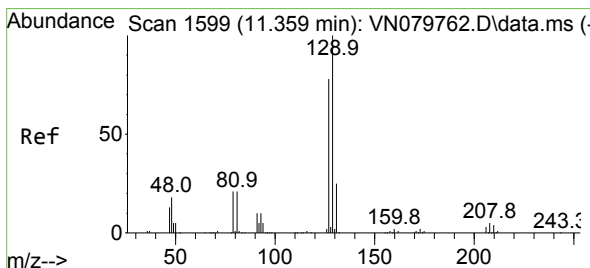
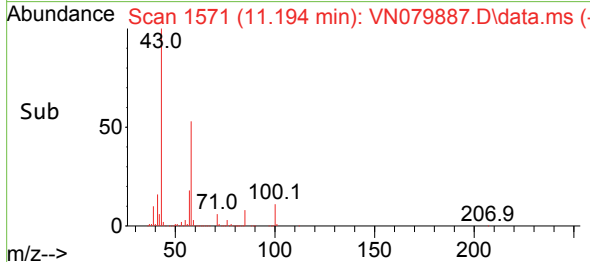
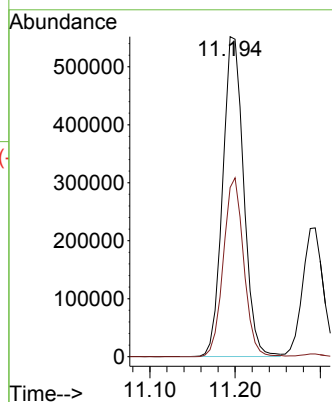
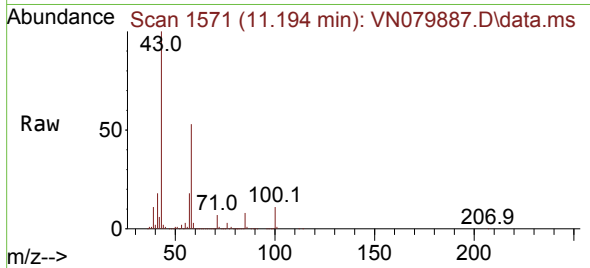




#59
2-Hexanone
Concen: 254.199 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

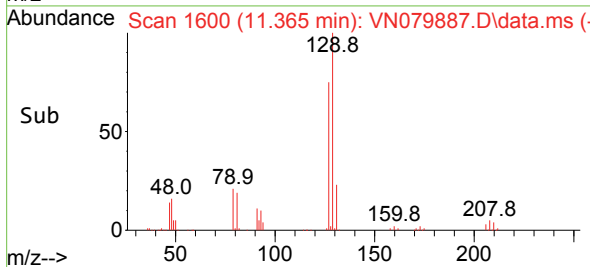
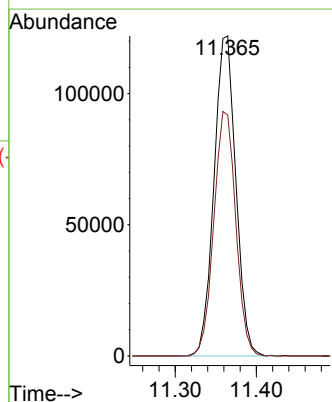
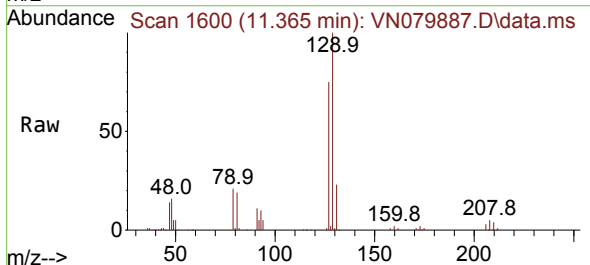
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

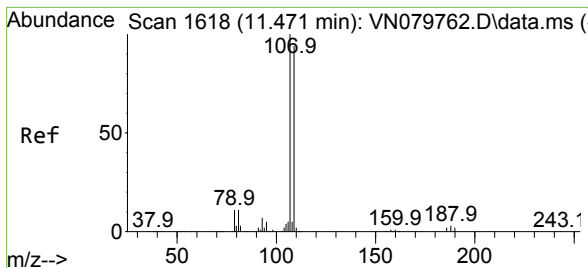
Tgt Ion: 43 Resp: 943491
Ion Ratio Lower Upper
43 100
58 54.3 31.7 95.1



#60
Dibromochloromethane
Concen: 55.708 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion:129 Resp: 228194
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0

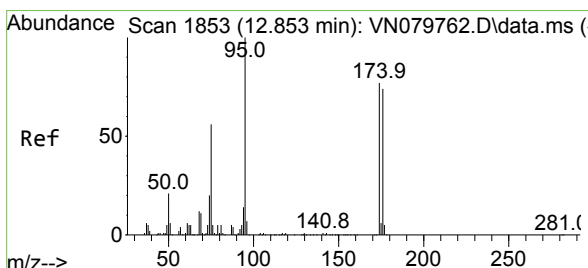
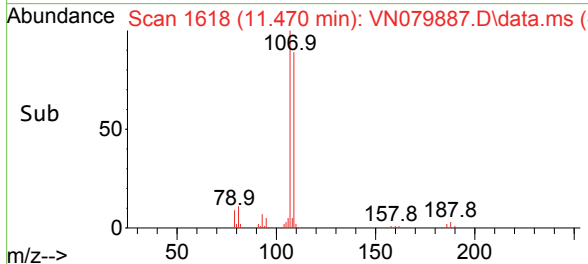
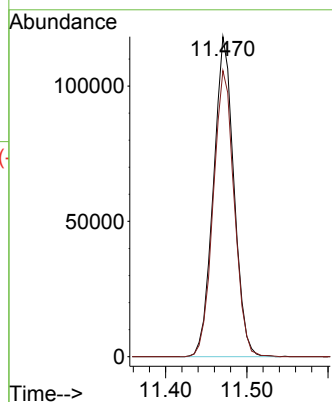
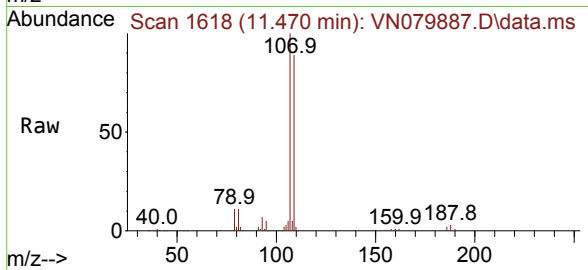




#61
1,2-Dibromoethane
Concen: 53.937 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

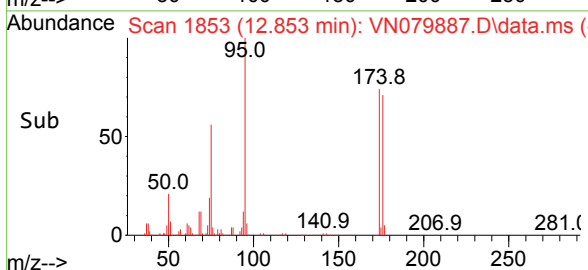
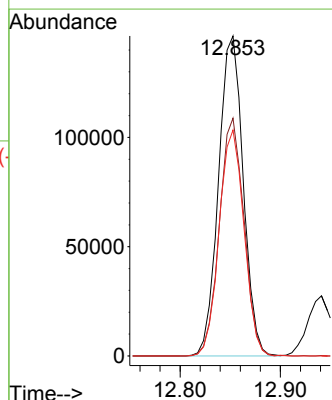
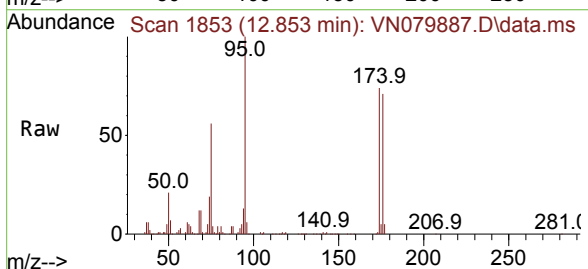
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

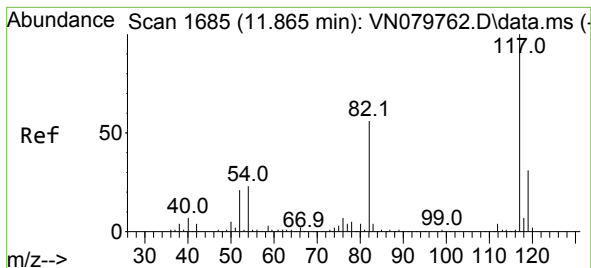
Tgt Ion:107 Resp: 207169
Ion Ratio Lower Upper
107 100
109 91.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 54.438 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 95 Resp: 249423
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 71.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

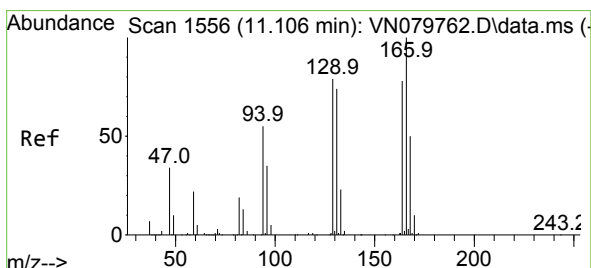
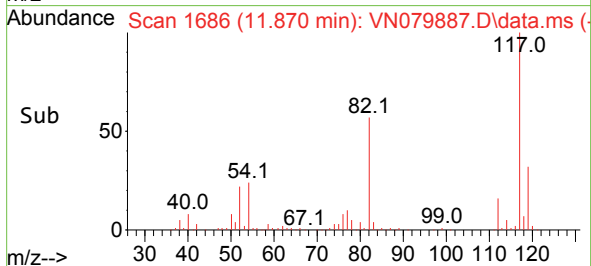
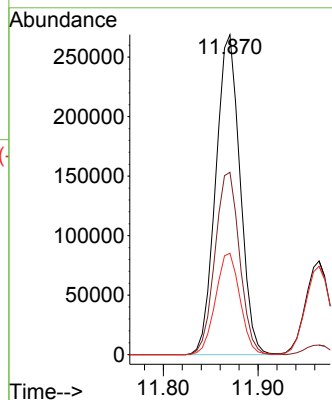
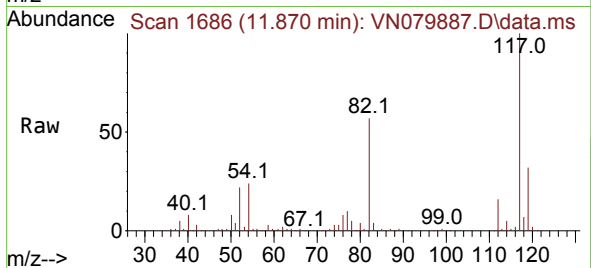
Tgt Ion:117 Resp: 479672

Ion Ratio Lower Upper

117 100

82 57.0 44.0 66.0

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 63.062 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Tgt Ion:164 Resp: 195909

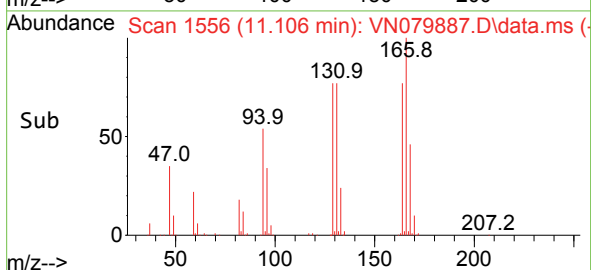
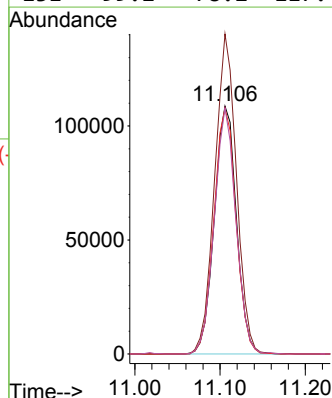
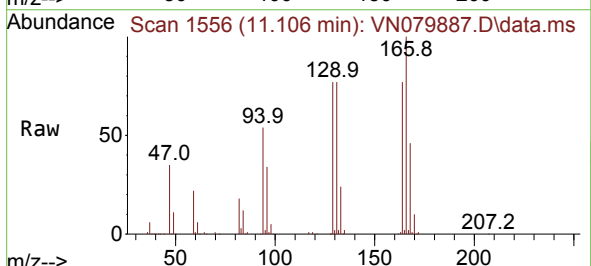
Ion Ratio Lower Upper

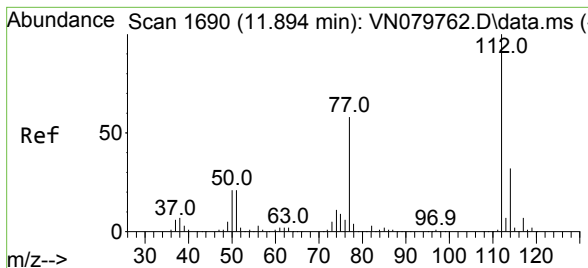
164 100

166 129.1 101.4 152.0

129 99.2 82.4 123.6

131 99.2 78.2 117.4

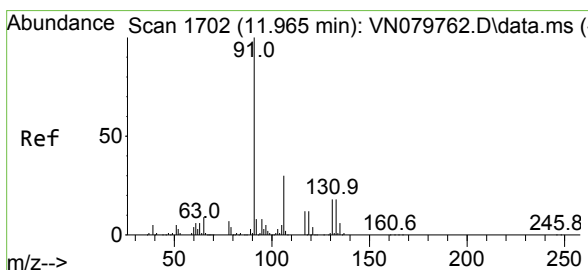
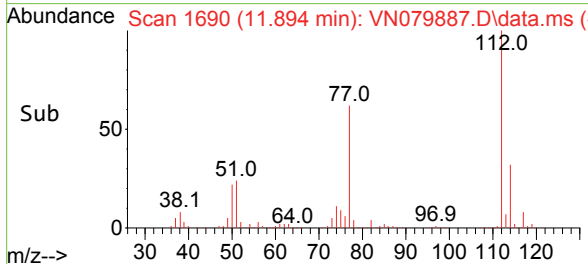
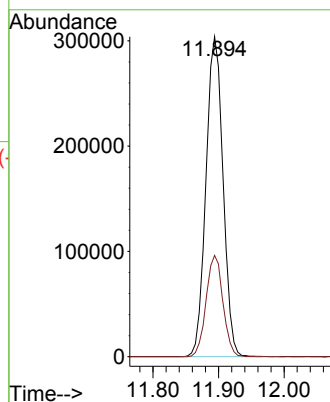
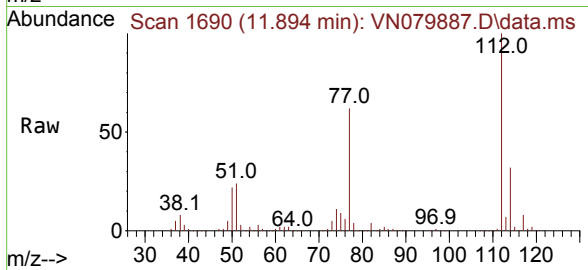




#65
Chlorobenzene
Concen: 52.922 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

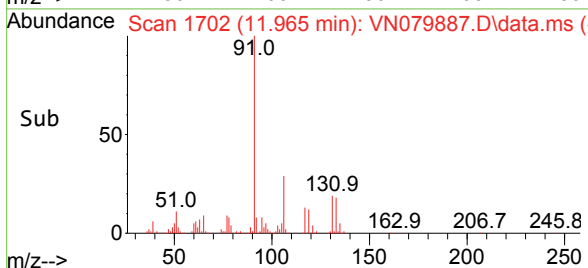
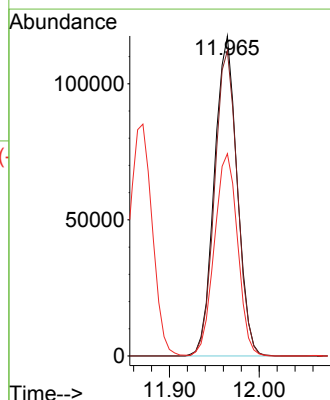
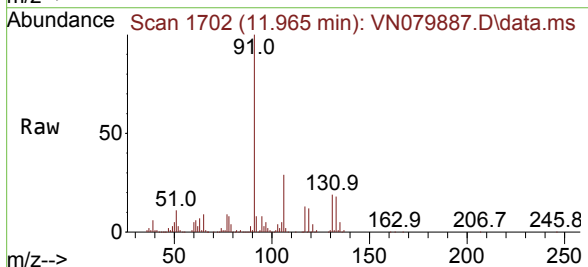
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

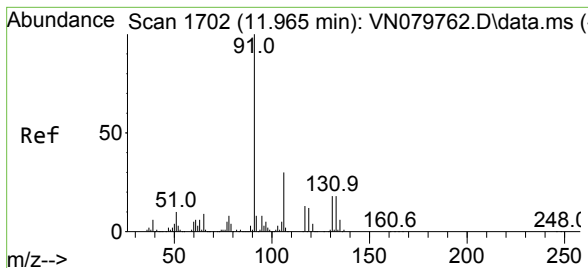
Tgt Ion:112 Resp: 550651
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.121 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion:131 Resp: 206641
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 64.6 34.1 102.2

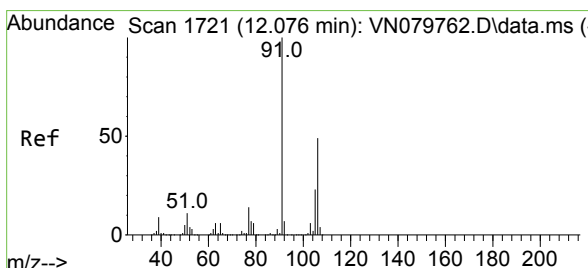
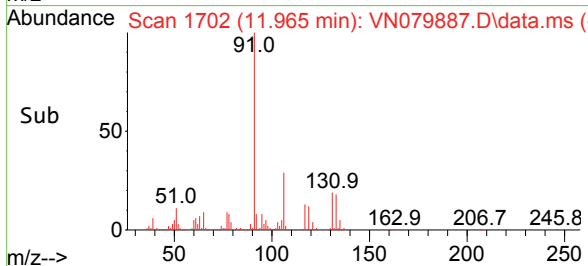
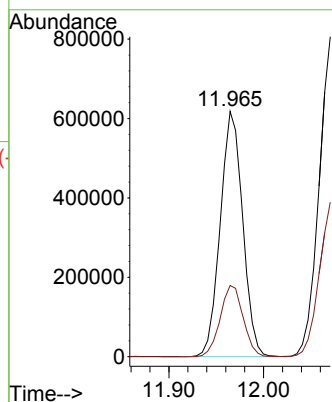
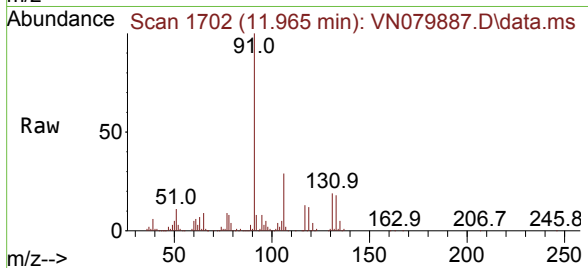




#67
Ethyl Benzene
Concen: 56.158 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

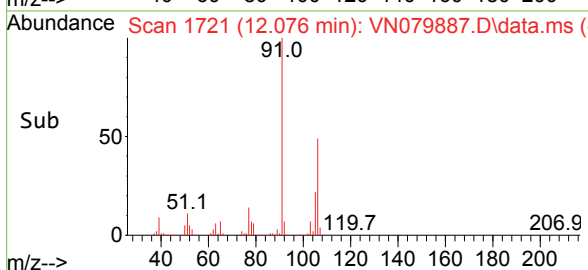
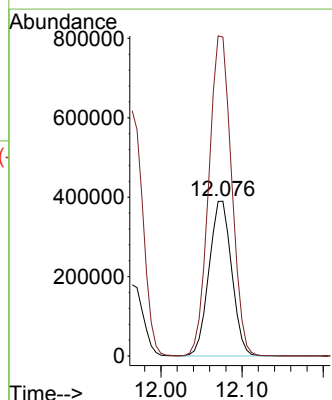
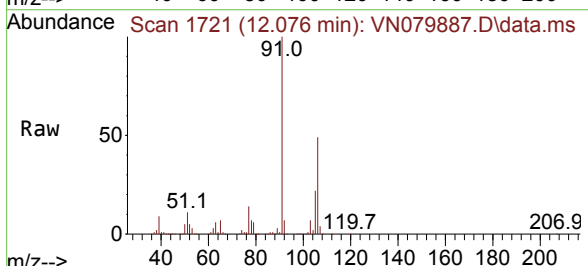
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

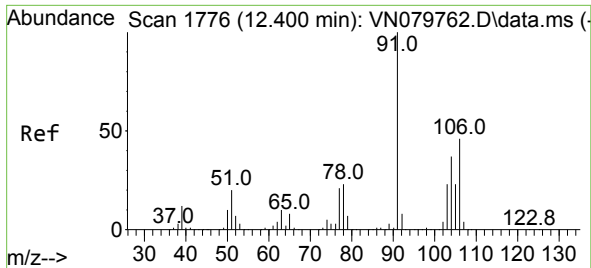
Tgt Ion: 91 Resp: 1018041
Ion Ratio Lower Upper
91 100
106 29.0 25.6 38.4



#68
m/p-Xylenes
Concen: 112.195 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion:106 Resp: 757656
Ion Ratio Lower Upper
106 100
91 207.5 159.6 239.4

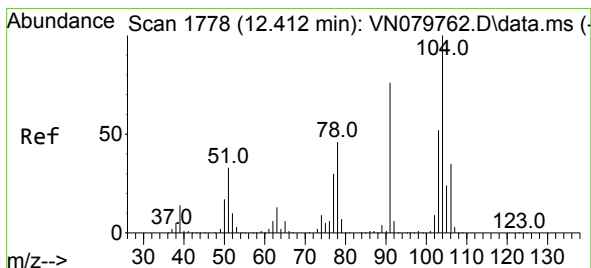
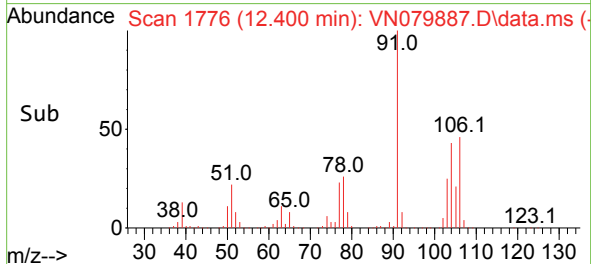
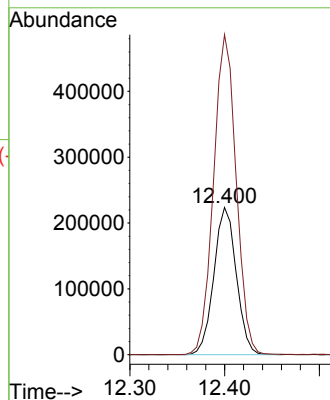
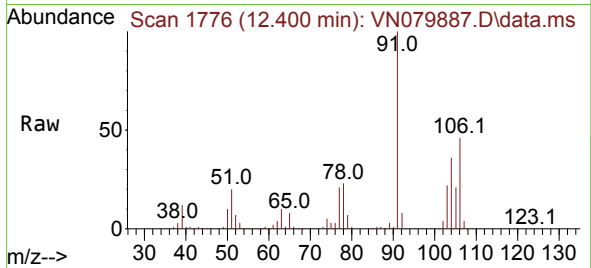




#69
o-Xylene
Concen: 56.552 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

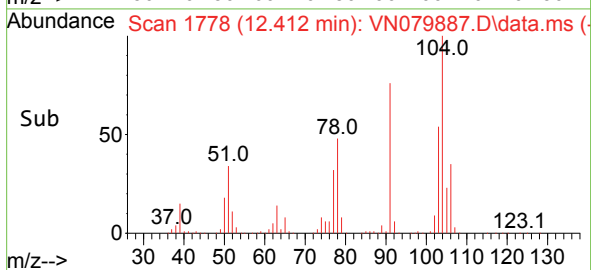
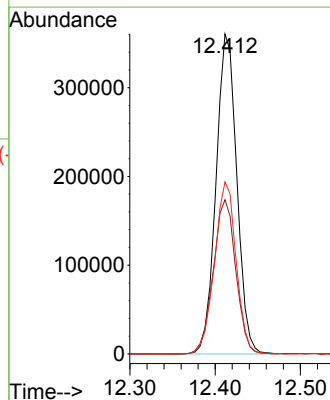
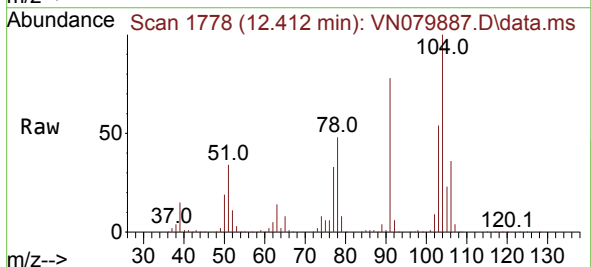
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

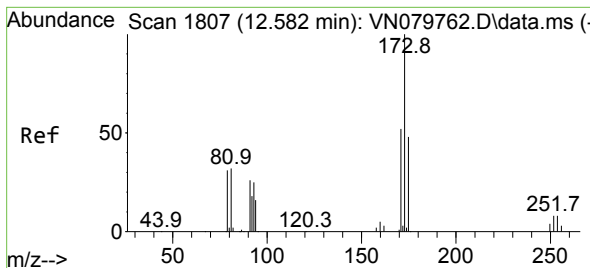
Tgt Ion:106 Resp: 367745
Ion Ratio Lower Upper
106 100
91 219.6 105.2 315.5



#70
Styrene
Concen: 58.498 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion:104 Resp: 611340
Ion Ratio Lower Upper
104 100
78 52.1 39.5 59.3
103 55.8 43.2 64.8





#71

Bromoform

Concen: 56.184 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

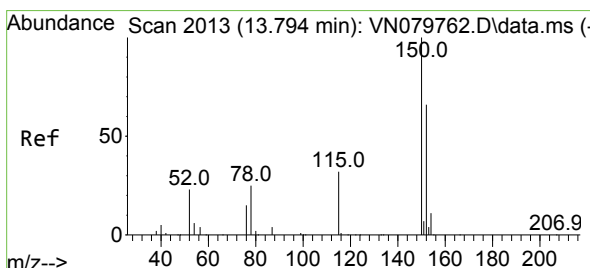
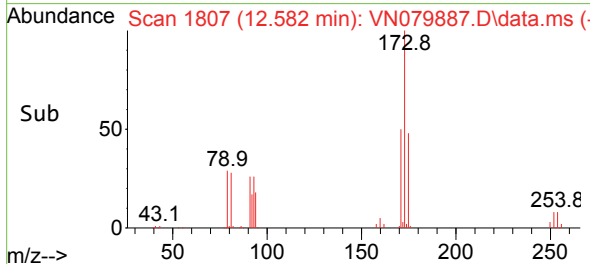
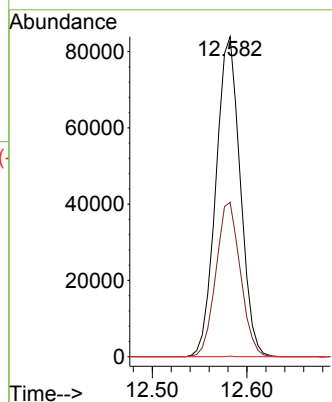
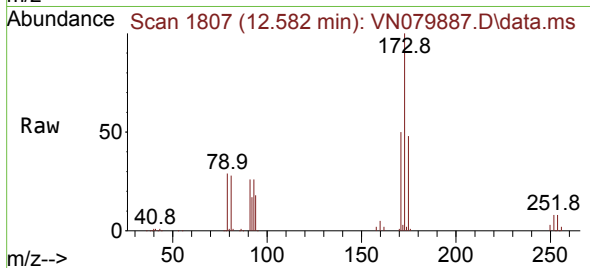
Tgt Ion:173 Resp: 149560

Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

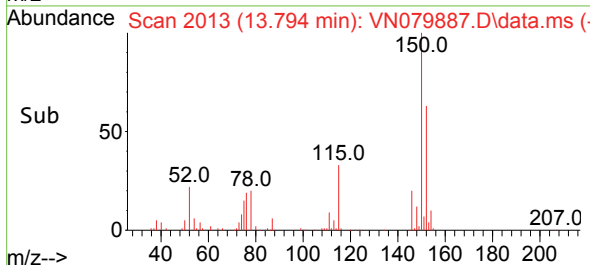
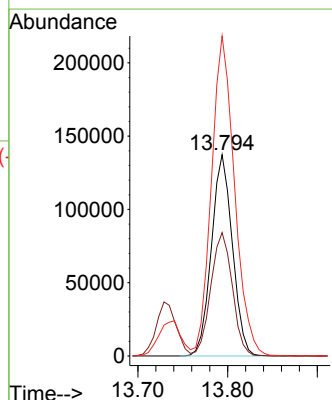
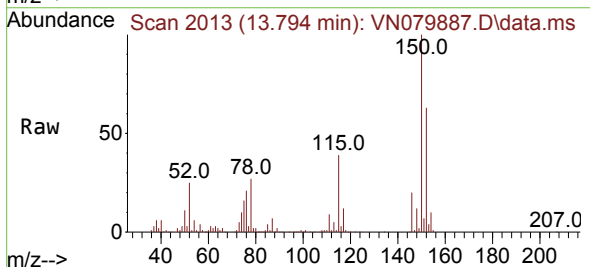
Tgt Ion:152 Resp: 222841

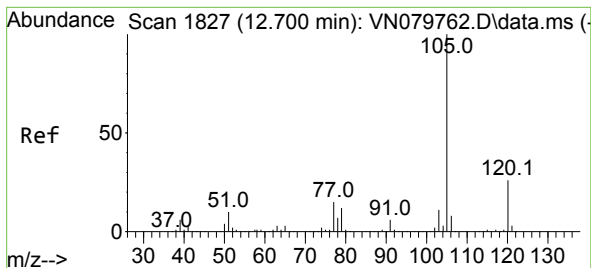
Ion Ratio Lower Upper

152 100

115 62.8 32.3 96.8

150 175.0 0.0 355.8





#73

Isopropylbenzene

Concen: 54.448 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Instrument :

MSVOA_N

ClientSampleId :

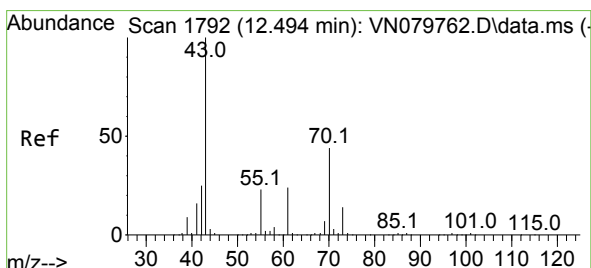
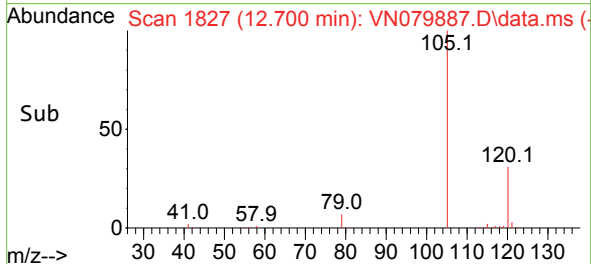
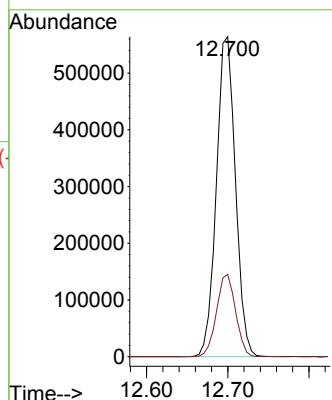
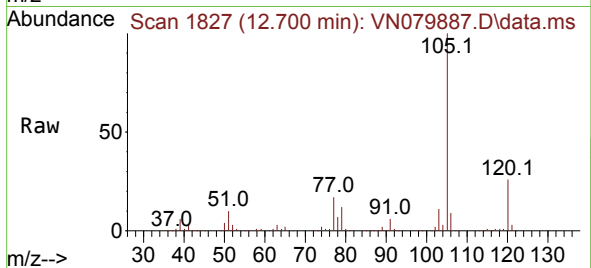
VSTDCCC050EC

Tgt Ion:105 Resp: 920844

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



#74

N-ethyl acetate

Concen: 49.920 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Tgt Ion: 43 Resp: 368512

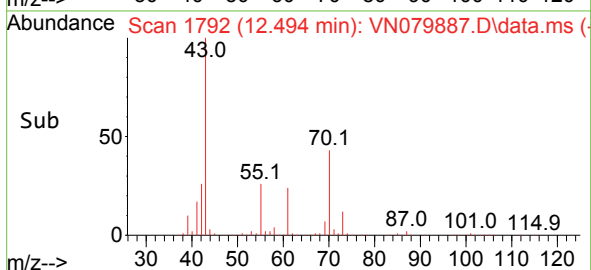
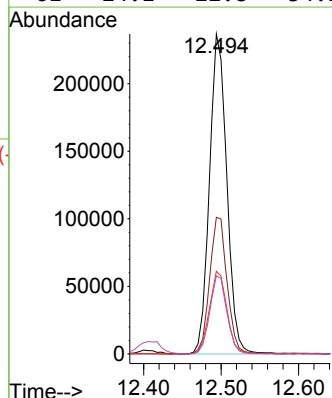
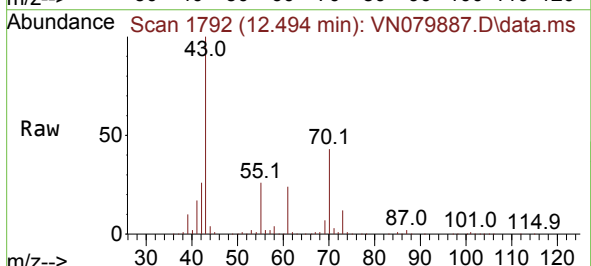
Ion Ratio Lower Upper

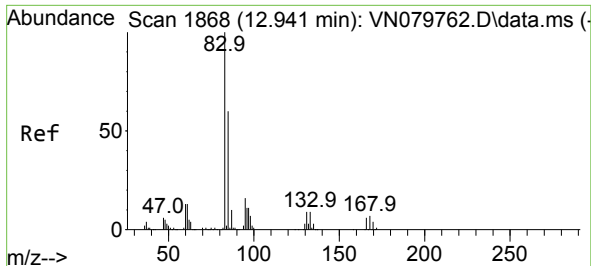
43 100

70 42.9 43.4 65.2#

55 26.1 21.4 32.0

61 24.1 22.8 34.2

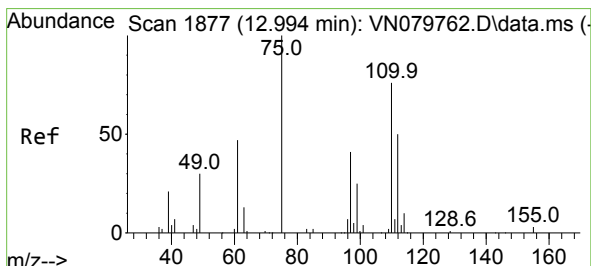
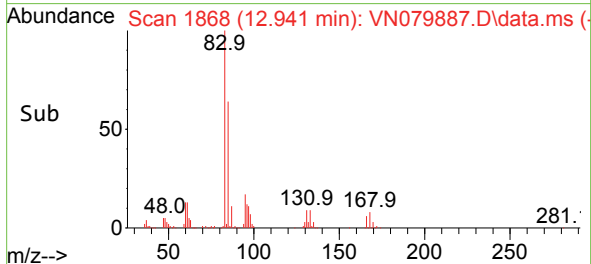
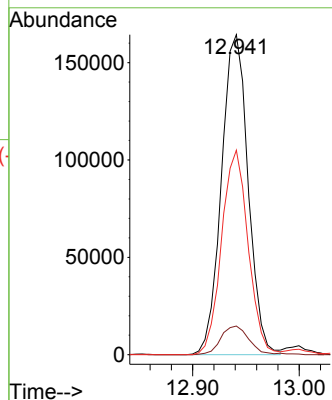
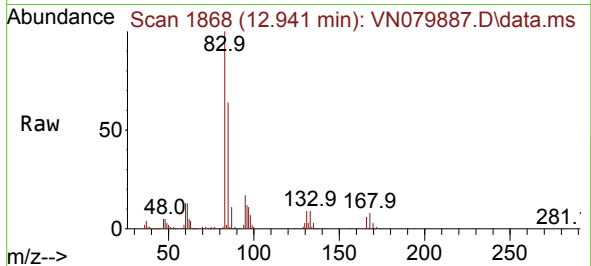




#75
1,1,2,2-Tetrachloroethane
Concen: 47.736 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

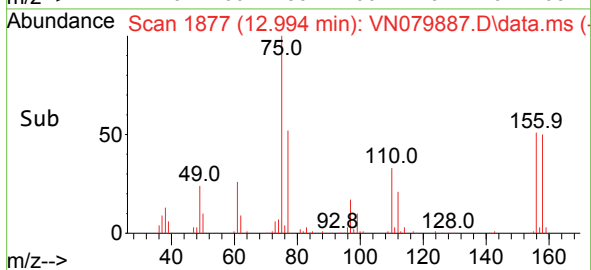
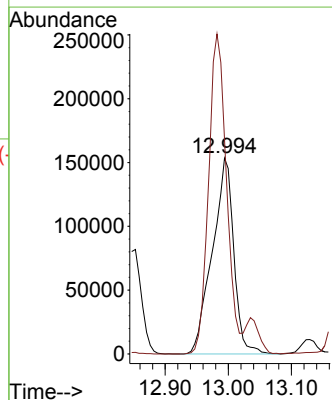
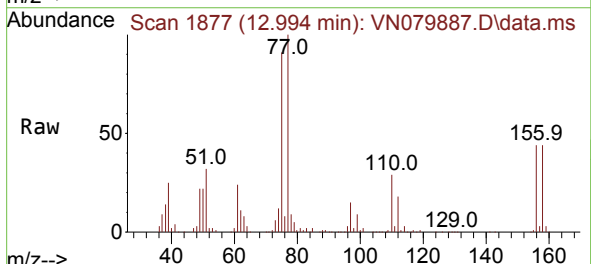
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

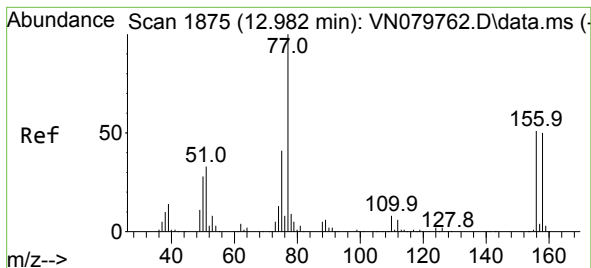
Tgt Ion: 83 Resp: 286245
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 63.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 69.338 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 75 Resp: 362750
Ion Ratio Lower Upper
75 100
77 137.1 84.5 253.5





#77

Bromobenzene

Concen: 52.535 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

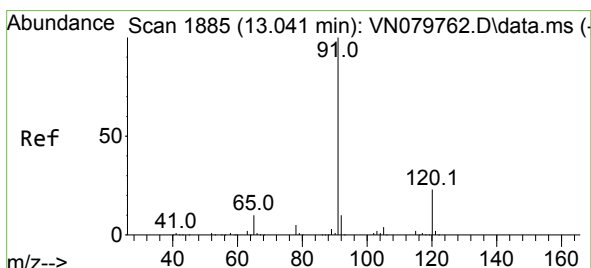
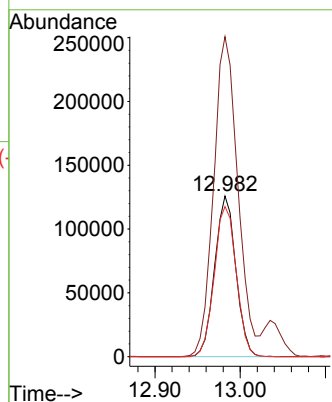
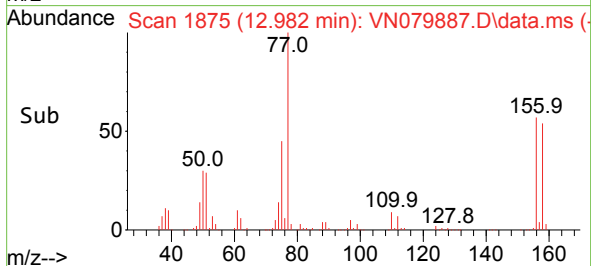
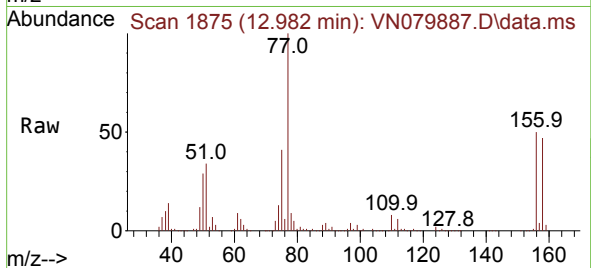
Tgt Ion:156 Resp: 217526

Ion Ratio Lower Upper

156 100

77 228.7 107.7 323.3

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 56.150 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN079887.D

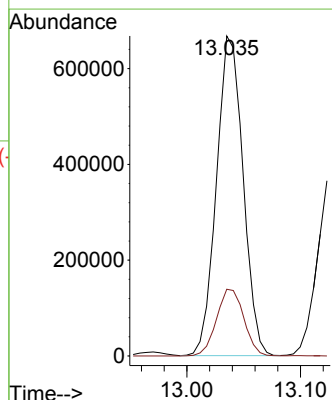
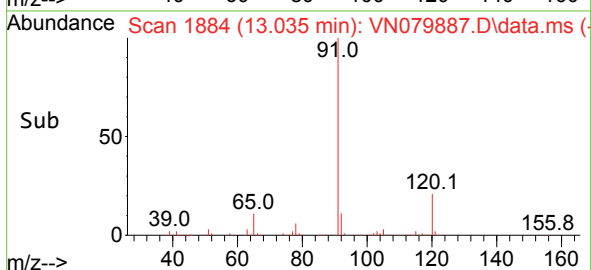
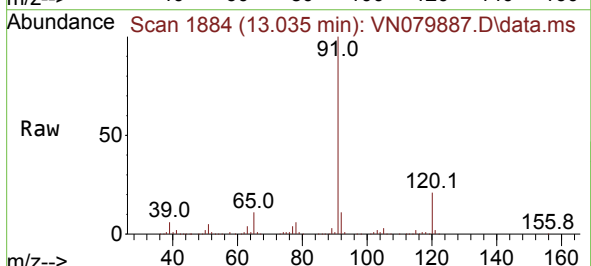
Acq: 04 Nov 2023 09:05

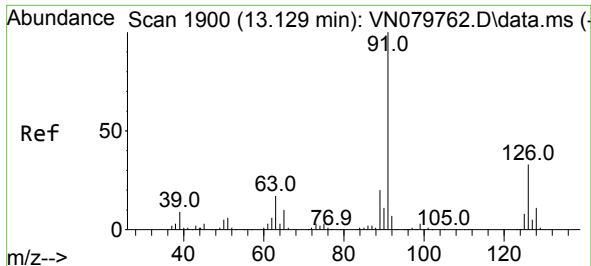
Tgt Ion: 91 Resp: 1087475

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.4

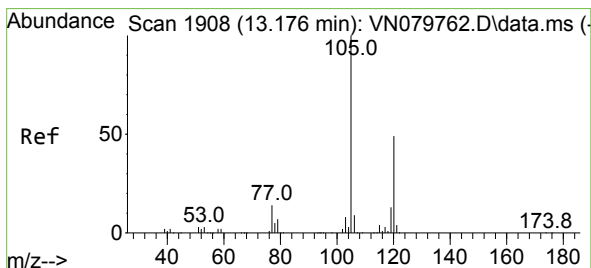
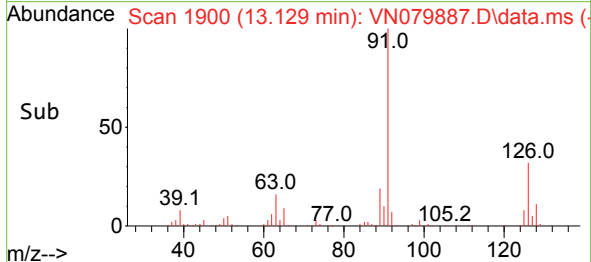
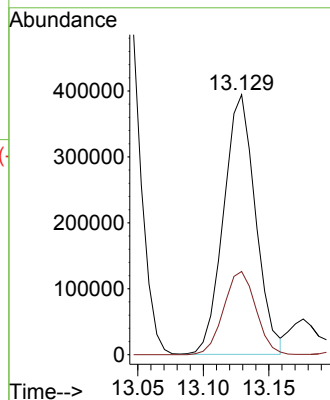
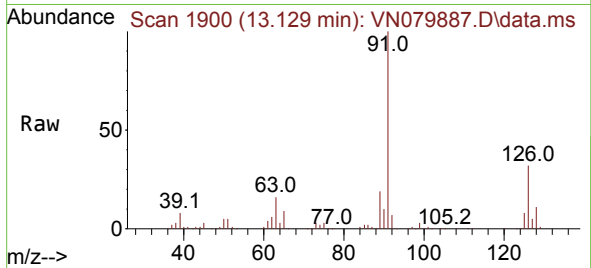




#79
2-Chlorotoluene
Concen: 54.025 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

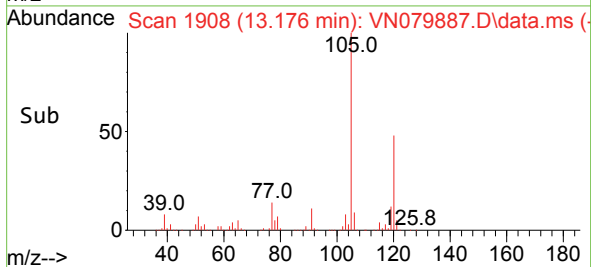
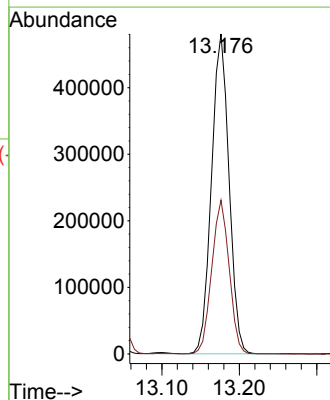
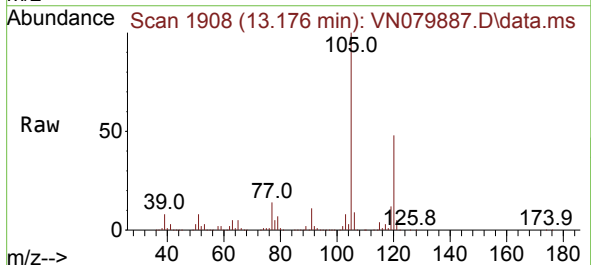
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

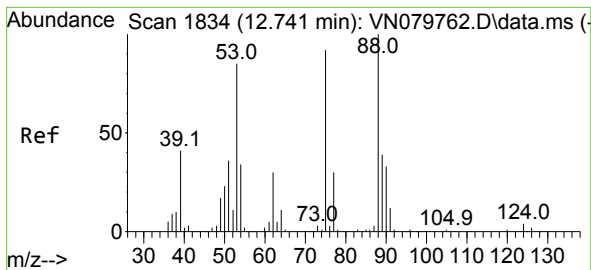
Tgt Ion: 91 Resp: 668414
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 57.290 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 105 Resp: 753841
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3

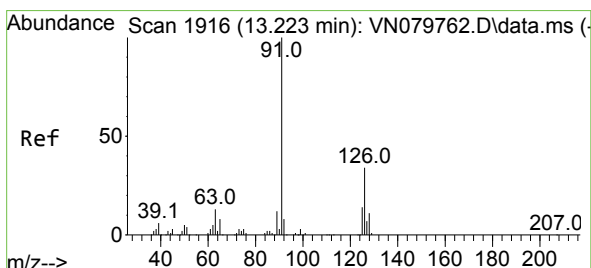
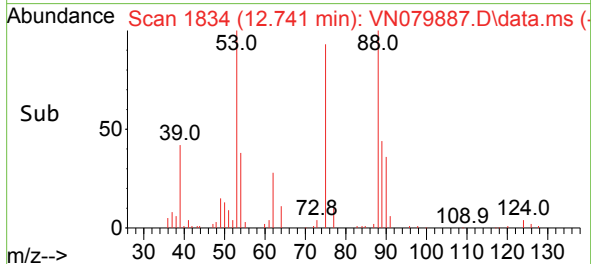
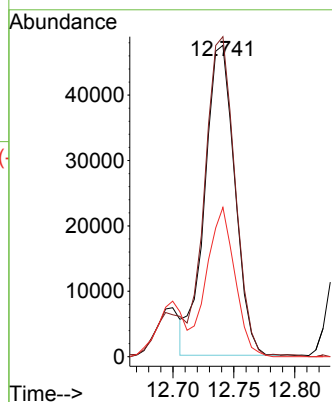
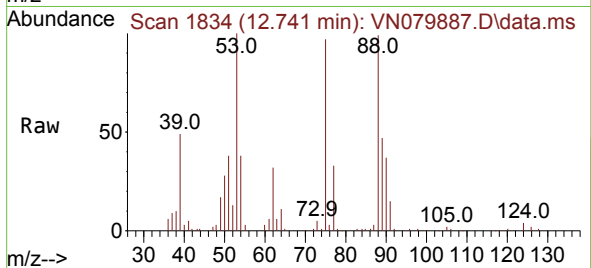




#81
trans-1,4-Dichloro-2-butene
Concen: 42.414 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

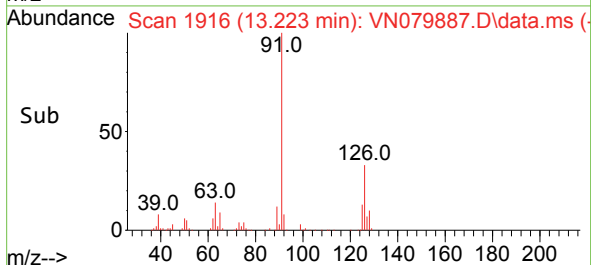
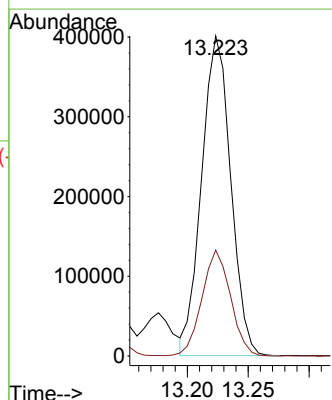
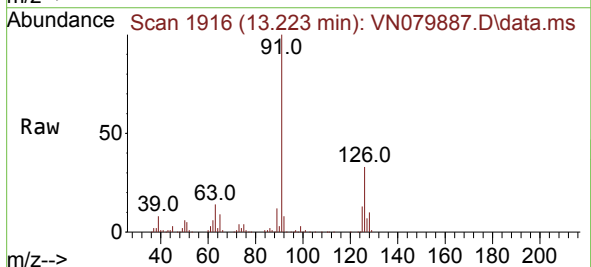
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

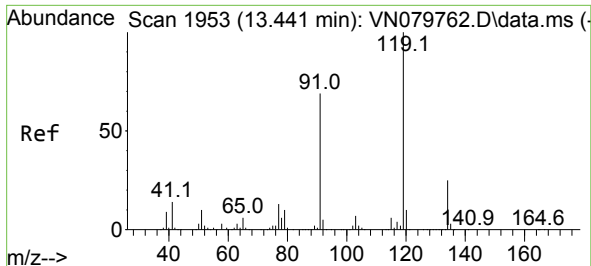
Tgt Ion: 75 Resp: 81556
Ion Ratio Lower Upper
75 100
53 102.5 67.4 101.2#
89 45.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 54.235 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 91 Resp: 666785
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0

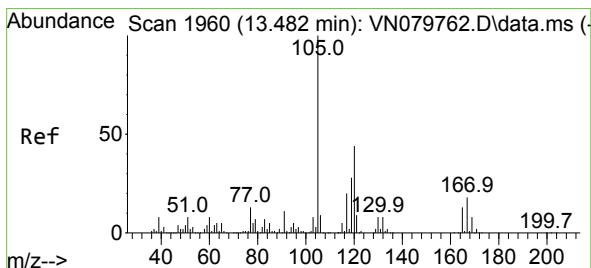
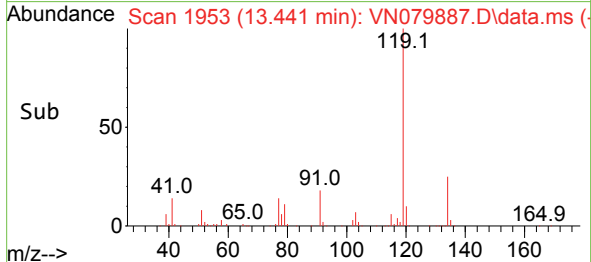
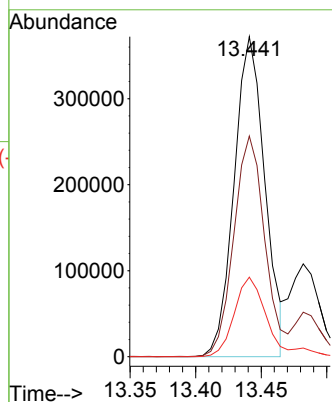
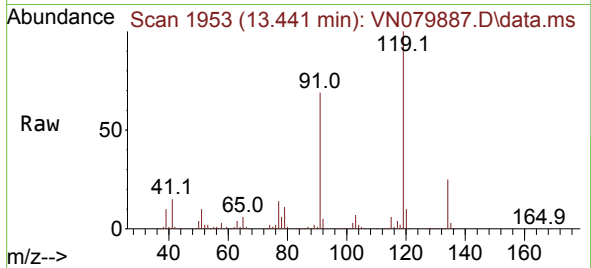




#83
 tert-Butylbenzene
 Concen: 56.414 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079887.D
 Acq: 04 Nov 2023 09:05

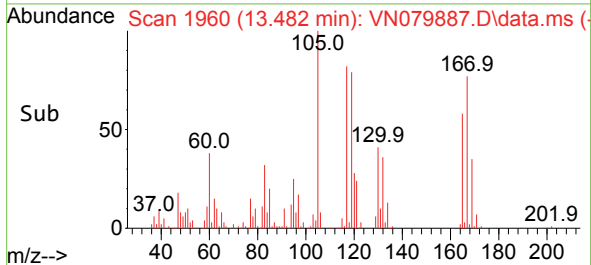
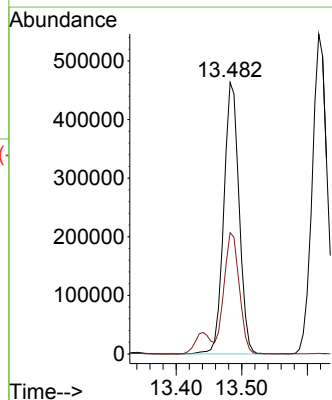
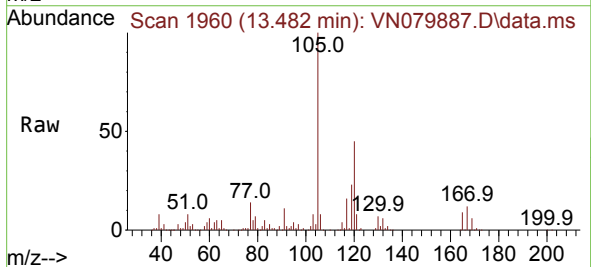
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

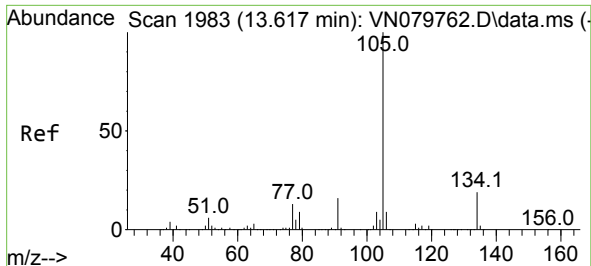
Tgt Ion:119 Resp: 607622
 Ion Ratio Lower Upper
 119 100
 91 70.0 33.9 101.7
 134 26.8 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 57.897 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN079887.D
 Acq: 04 Nov 2023 09:05

Tgt Ion:105 Resp: 749530
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.0 66.0

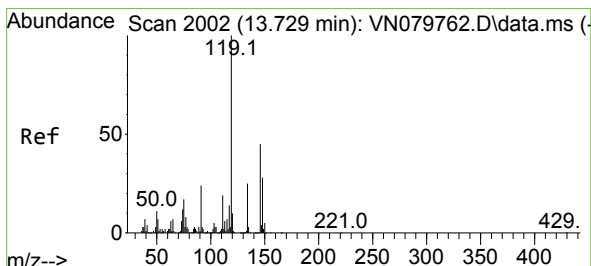
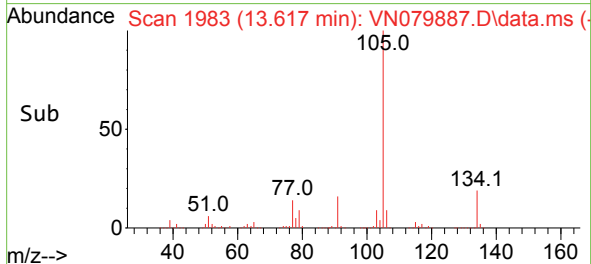
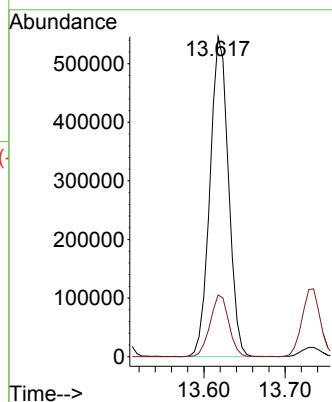
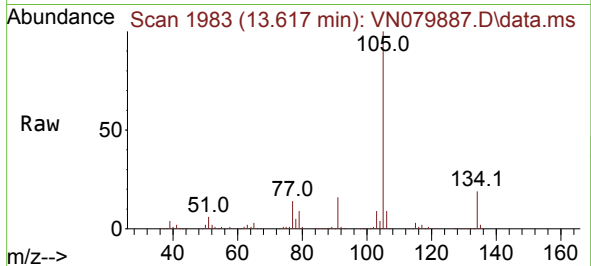




#85
 sec-Butylbenzene
 Concen: 58.003 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079887.D
 Acq: 04 Nov 2023 09:05

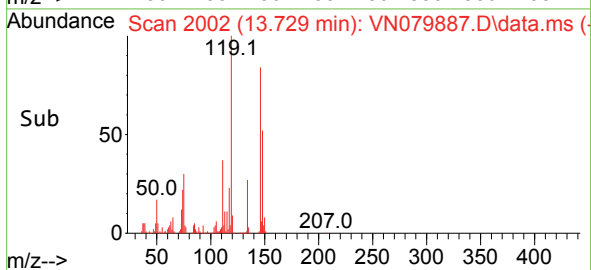
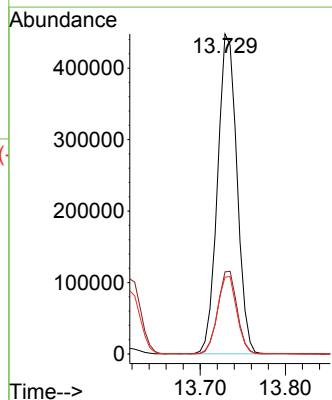
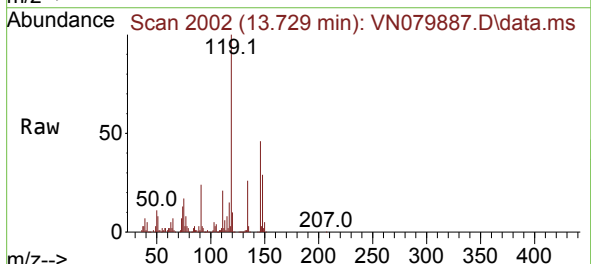
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

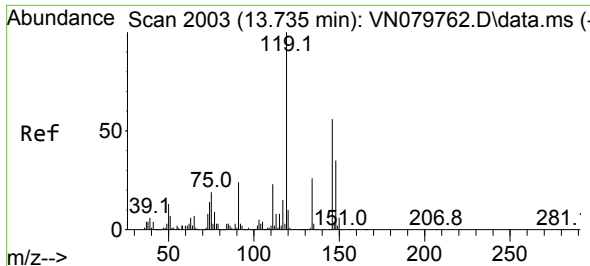
Tgt Ion:105 Resp: 865537
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 58.189 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079887.D
 Acq: 04 Nov 2023 09:05

Tgt Ion:119 Resp: 707949
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.2 12.4 37.2

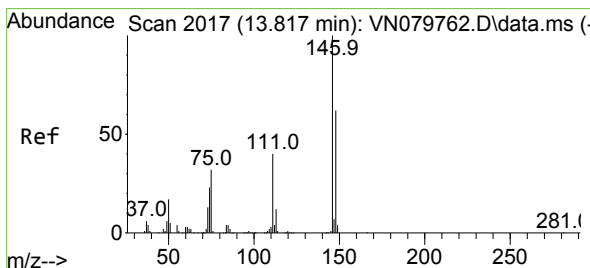
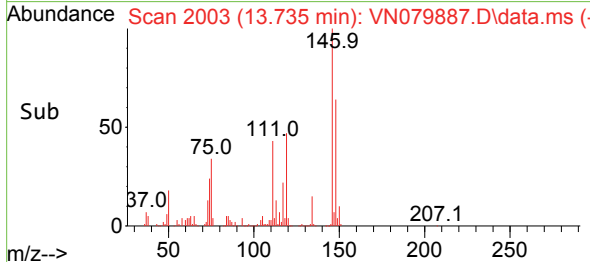
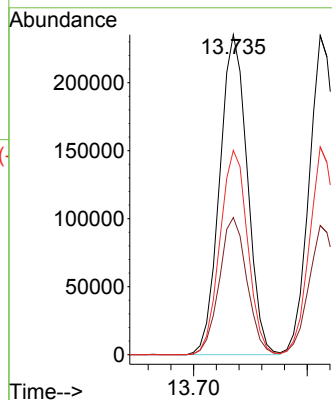
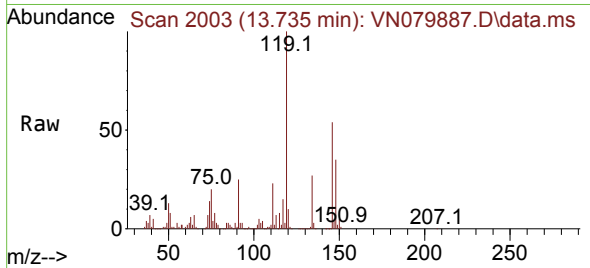




#87
 1,3-Dichlorobenzene
 Concen: 51.664 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079887.D
 Acq: 04 Nov 2023 09:05

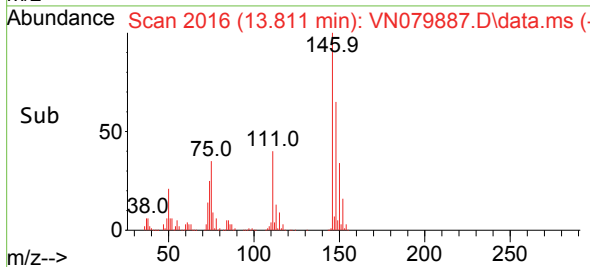
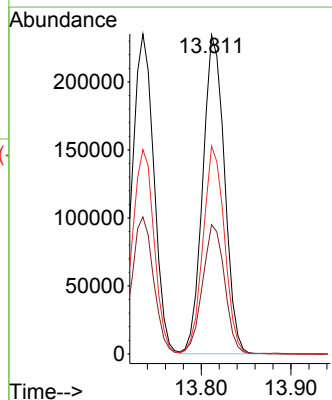
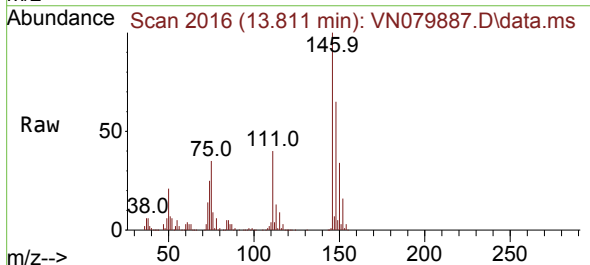
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

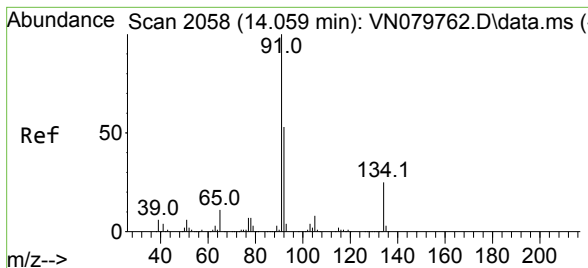
Tgt Ion:146 Resp: 397952
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.1 66.3
 148 63.8 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.409 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: VN079887.D
 Acq: 04 Nov 2023 09:05

Tgt Ion:146 Resp: 394117
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.8
 148 64.4 31.6 94.8





#89

n-Butylbenzene

Concen: 56.907 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

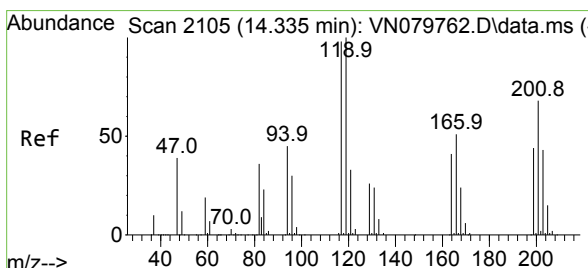
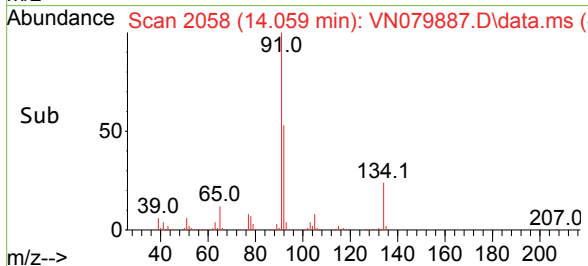
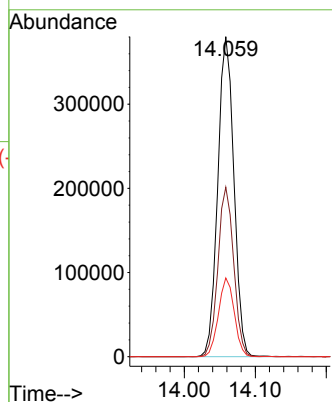
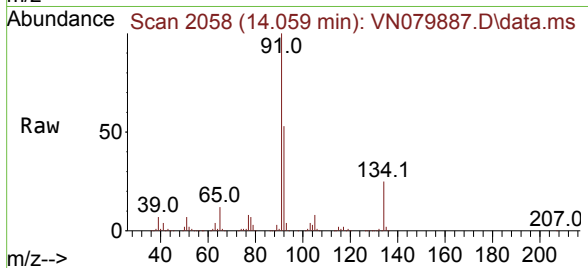
Tgt Ion: 91 Resp: 596319

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.0

134 24.1 12.6 37.6



#90

Hexachloroethane

Concen: 53.953 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079887.D

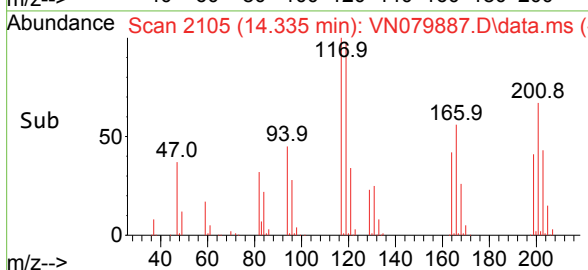
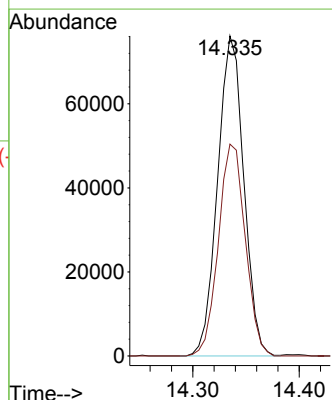
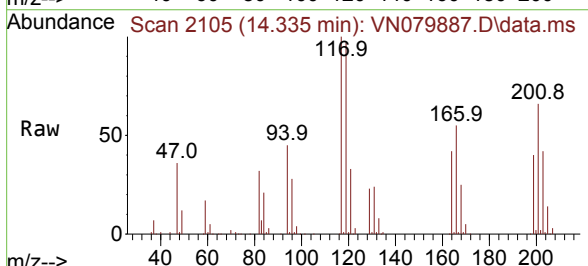
Acq: 04 Nov 2023 09:05

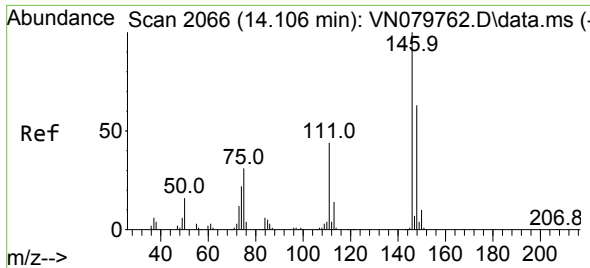
Tgt Ion: 117 Resp: 129997

Ion Ratio Lower Upper

117 100

201 68.0 29.3 88.0

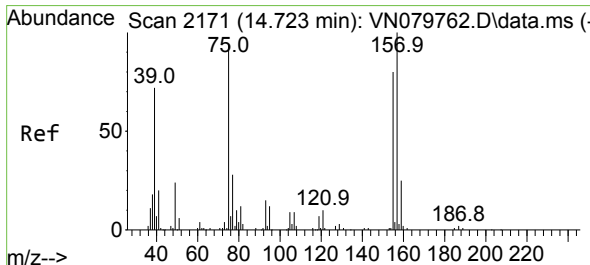
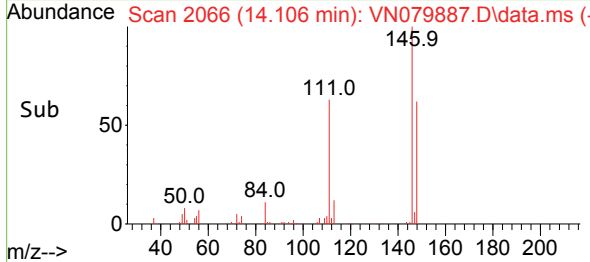
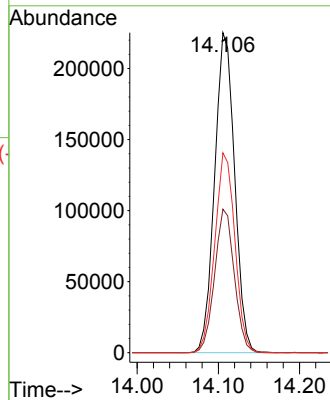
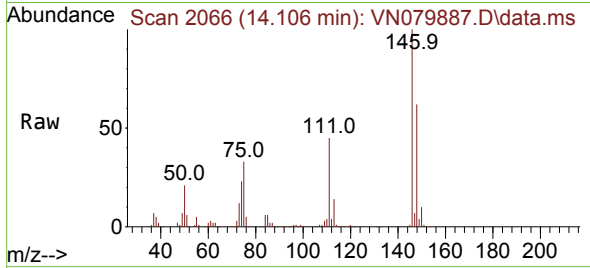




#91
1,2-Dichlorobenzene
Concen: 53.061 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

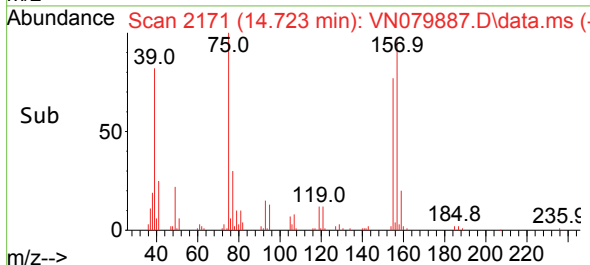
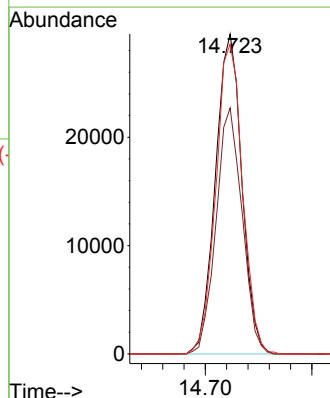
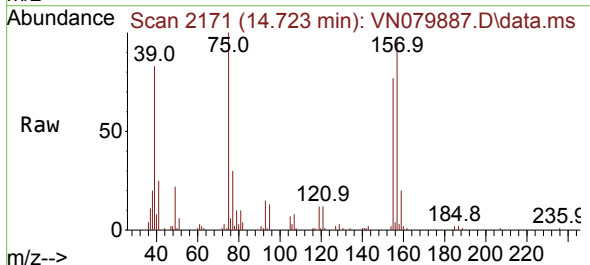
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

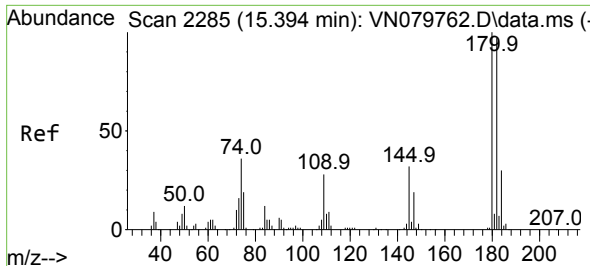
Tgt Ion:146 Resp: 385827
Ion Ratio Lower Upper
146 100
111 44.2 22.0 66.0
148 63.0 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.849 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079887.D
Acq: 04 Nov 2023 09:05

Tgt Ion: 75 Resp: 50690
Ion Ratio Lower Upper
75 100
155 76.1 39.1 117.2
157 98.1 50.3 150.9

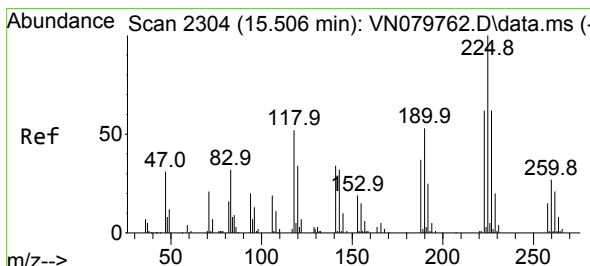
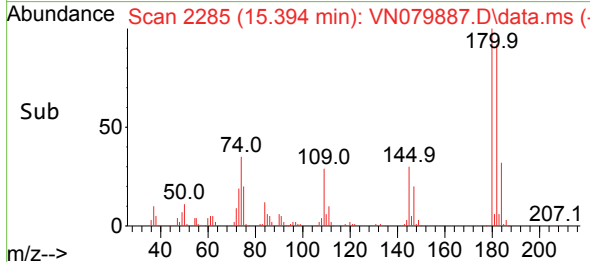
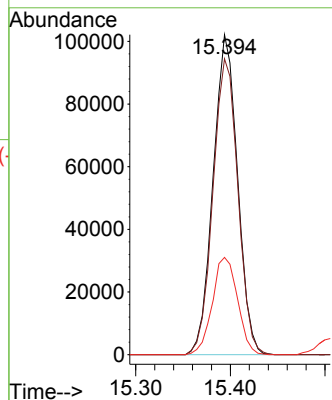
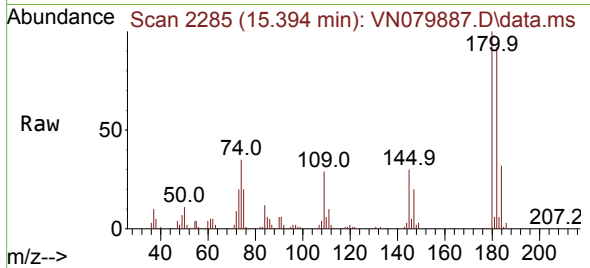




#93
 1,2,4-Trichlorobenzene
 Concen: 52.882 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN079887.D
 Acq: 04 Nov 2023 09:05

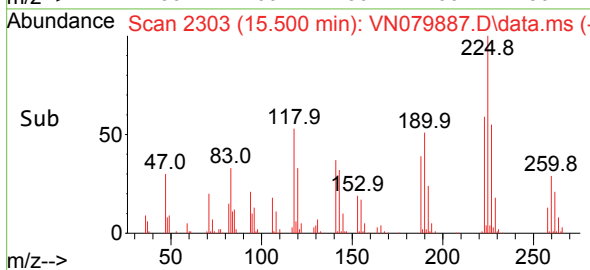
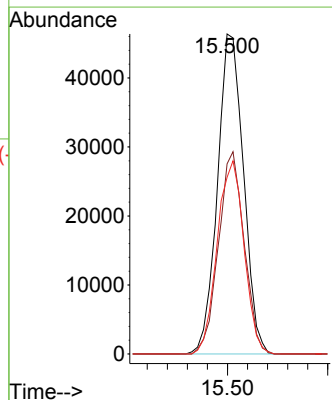
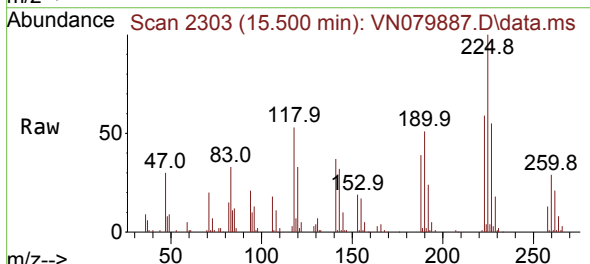
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 VSTDCCC050EC

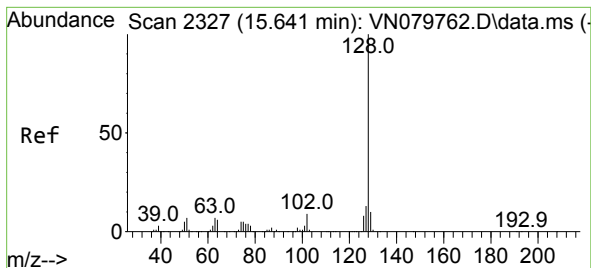
Tgt Ion:180 Resp: 182836
 Ion Ratio Lower Upper
 180 100
 182 94.5 46.1 138.2
 145 31.5 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 53.281 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN079887.D
 Acq: 04 Nov 2023 09:05

Tgt Ion:225 Resp: 83509
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.3 93.8
 227 61.9 31.9 95.9





#95

Naphthalene

Concen: 46.230 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

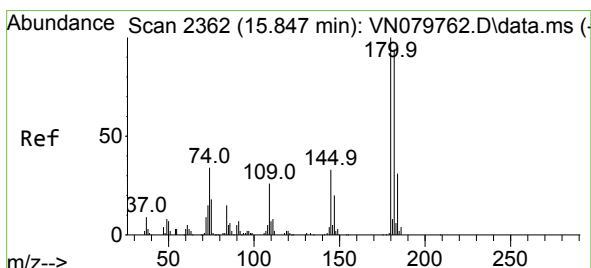
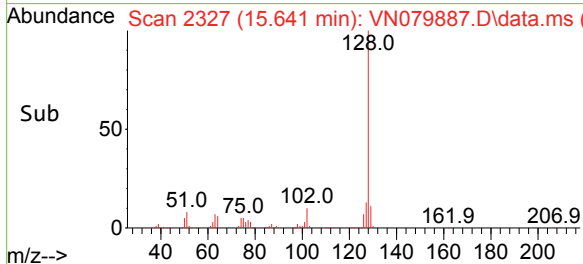
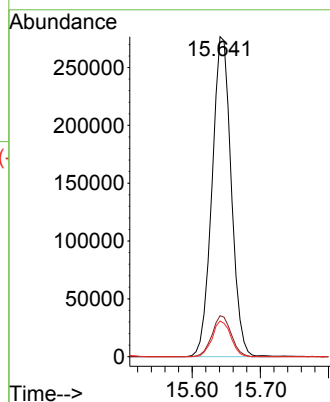
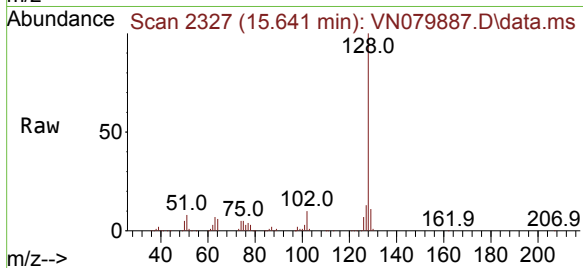
Tgt Ion:128 Resp: 542046

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.561 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079887.D

Acq: 04 Nov 2023 09:05

Tgt Ion:180 Resp: 178135

Ion Ratio Lower Upper

180 100

182 94.3 46.2 138.6

145 33.0 17.5 52.6

