

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079762.D
 Acq On : 01 Nov 2023 10:27
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 02 05:28:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:25:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	326513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	565139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	517632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	237114	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	252386	50.736	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.480%	
35) Dibromofluoromethane	8.165	113	202999	50.752	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.500%	
50) Toluene-d8	10.571	98	767532	52.125	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	12.853	95	262965	53.848	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.700%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	200709	51.033	ug/l	100
3) Chloromethane	2.359	50	243515	49.763	ug/l	99
4) Vinyl Chloride	2.512	62	258680	50.247	ug/l	99
5) Bromomethane	2.942	94	148514	47.479	ug/l	96
6) Chloroethane	3.118	64	194126	47.544	ug/l	99
7) Trichlorofluoromethane	3.495	101	316268	49.393	ug/l	99
8) Diethyl Ether	3.965	74	124269	51.142	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	179423	48.337	ug/l	98
10) Methyl Iodide	4.589	142	223922	52.826	ug/l	99
11) Tert butyl alcohol	5.524	59	151302	238.264	ug/l	99
12) 1,1-Dichloroethene	4.342	96	177522	50.511	ug/l	88
13) Acrolein	4.177	56	126230	254.348	ug/l	98
14) Allyl chloride	5.018	41	265211	49.268	ug/l	92
15) Acrylonitrile	5.724	53	485786	245.477	ug/l	100
16) Acetone	4.430	43	407728	233.340	ug/l	94
17) Carbon Disulfide	4.712	76	491865	48.518	ug/l	100
18) Methyl Acetate	5.024	43	394452	47.184	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	615640	50.879	ug/l	98
20) Methylene Chloride	5.277	84	208019	47.180	ug/l #	87
21) trans-1,2-Dichloroethene	5.789	96	192139	49.018	ug/l #	82
22) Diisopropyl ether	6.671	45	647981	51.944	ug/l #	93
23) Vinyl Acetate	6.606	43	1817973	264.202	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	374101	49.340	ug/l	98
25) 2-Butanone	7.483	43	650780	254.335	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	319296	50.919	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	230507	49.162	ug/l	89
28) Bromochloromethane	7.818	49	184530	49.940	ug/l #	79
29) Tetrahydrofuran	7.841	42	421860	253.407	ug/l #	77
30) Chloroform	7.971	83	385234	46.775	ug/l	96
31) Cyclohexane	8.259	56	310332	47.210	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	330410	49.236	ug/l	95
36) 1,1-Dichloropropene	8.377	75	285245	49.946	ug/l	96
37) Ethyl Acetate	7.565	43	267763	51.122	ug/l #	90
38) Carbon Tetrachloride	8.365	117	288030	50.042	ug/l	98
39) Methylcyclohexane	9.600	83	284026	52.845	ug/l	90
40) Benzene	8.612	78	841641	49.203	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	141364	50.826	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	295380	49.436	ug/l	98
43) Isopropyl Acetate	8.688	43	455950	49.638	ug/l #	91
44) Trichloroethene	9.353	130	208570	49.137	ug/l	99
45) 1,2-Dichloropropane	9.624	63	220334	50.403	ug/l	98
46) Dibromomethane	9.712	93	148395	49.716	ug/l	93
47) Bromodichloromethane	9.888	83	308040	48.390	ug/l	98
48) Methyl methacrylate	9.682	41	217418	54.039	ug/l #	82
49) 1,4-Dioxane	9.694	88	72494	1019.724	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1352011	261.445	ug/l	91
52) Toluene	10.635	92	531267	52.389	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	332595	53.296	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	365735	53.769	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	205597	50.406	ug/l	95
56) Ethyl methacrylate	10.876	69	320372	55.065	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	363472	50.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	805834	273.276	ug/l	92
59) 2-Hexanone	11.200	43	1029841	260.321	ug/l	89
60) Dibromochloromethane	11.359	129	228043	52.232	ug/l	98
61) 1,2-Dibromoethane	11.471	107	211162	51.580	ug/l	99
64) Tetrachloroethene	11.106	164	166879	49.778	ug/l	98
65) Chlorobenzene	11.894	112	555765	49.496	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	204341	50.511	ug/l	97
67) Ethyl Benzene	11.965	91	1025501	52.421	ug/l	97
68) m/p-Xylenes	12.076	106	761004	104.426	ug/l	96
69) o-Xylene	12.400	106	370420	52.786	ug/l	94
70) Styrene	12.412	104	627556	55.646	ug/l	97
71) Bromoform	12.582	173	155739	54.215	ug/l #	100
73) Isopropylbenzene	12.700	105	932288	51.807	ug/l	99
74) N-amyl acetate	12.494	43	410848	52.305	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	305847	47.935	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	388553	69.889	ug/l	70
77) Bromobenzene	12.982	156	220572	50.064	ug/l	96
78) n-propylbenzene	13.041	91	1105242	53.633	ug/l	98
79) 2-Chlorotoluene	13.129	91	660119	50.143	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	750019	53.569	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	113521	55.484	ug/l	94
82) 4-Chlorotoluene	13.223	91	672112	51.377	ug/l	100
83) tert-Butylbenzene	13.441	119	619331	54.040	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	758971	55.097	ug/l	99
85) sec-Butylbenzene	13.617	105	857783	54.023	ug/l	100
86) p-Isopropyltoluene	13.729	119	718953	55.537	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	410310	50.062	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	408520	49.106	ug/l	99
89) n-Butylbenzene	14.059	91	617572	55.388	ug/l	99
90) Hexachloroethane	14.335	117	123543	48.188	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	391343	50.580	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	57005	52.684	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	197136	53.586	ug/l	97
94) Hexachlorobutadiene	15.506	225	81381	48.798	ug/l	98
95) Naphthalene	15.641	128	671134	53.794	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	190925	52.944	ug/l	98

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QLast Update : Thu Nov 02 05:25:18 2023
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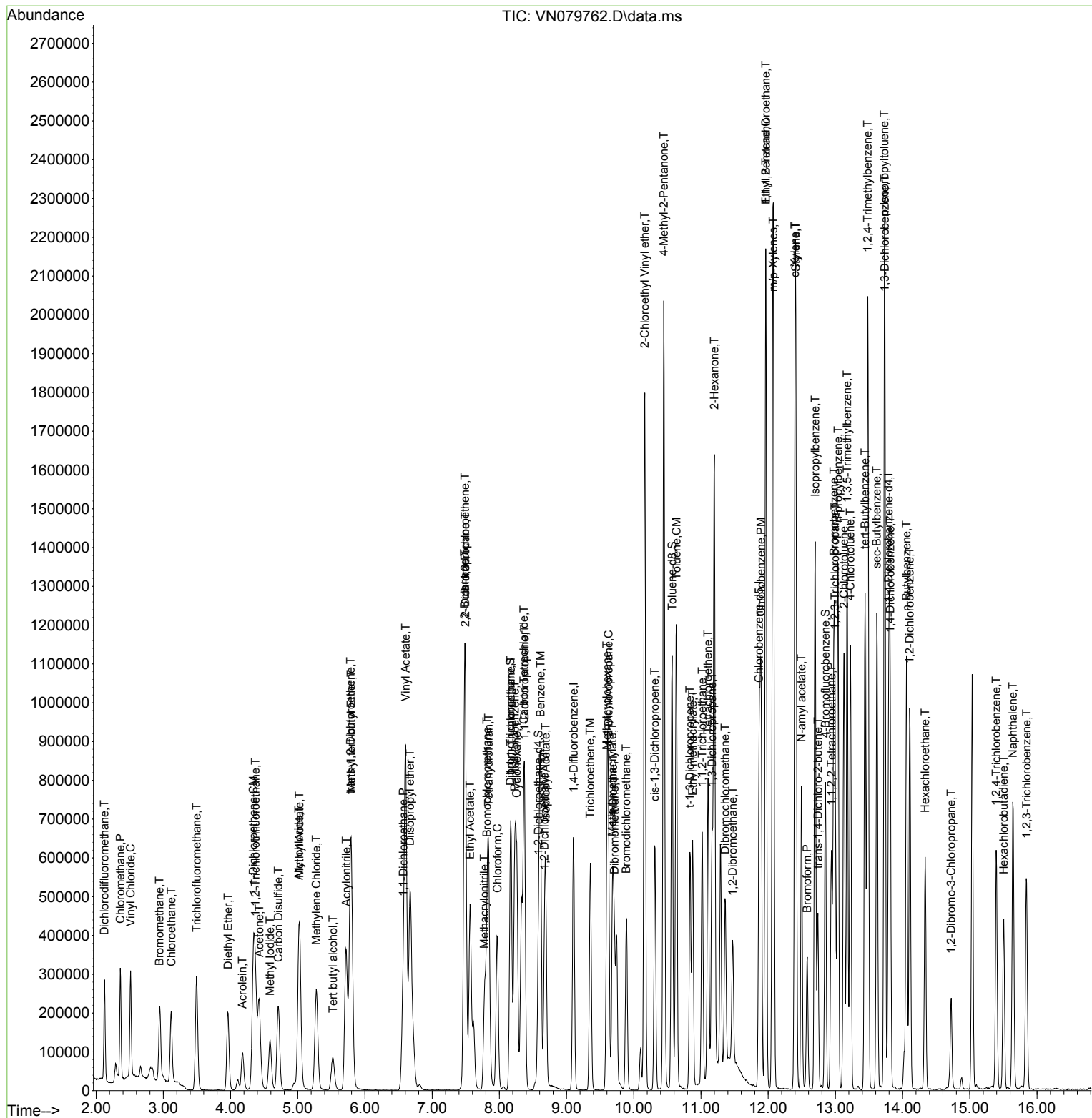
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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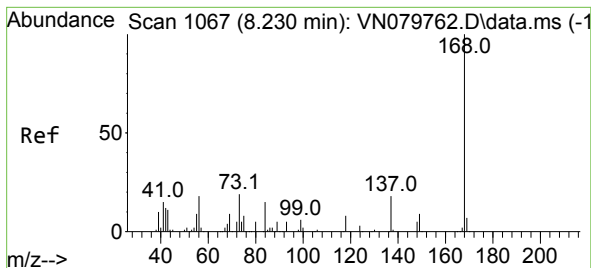
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. 0.001 min

Lab File: VN079762.D

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Instrument :

MSVOA_N

ClientSampleId :

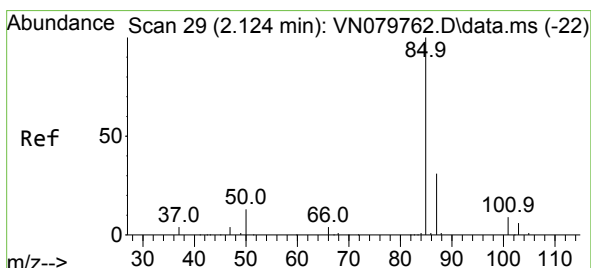
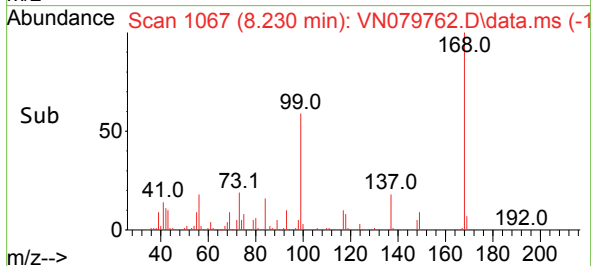
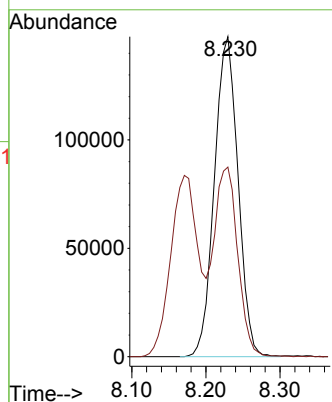
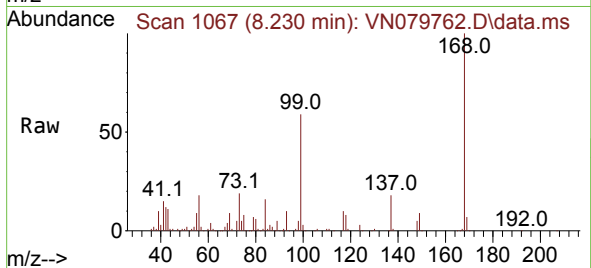
VSTDICCC050

Tgt Ion:168 Resp: 326513

Ion Ratio Lower Upper

168 100

99 59.1 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 51.033 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN079762.D

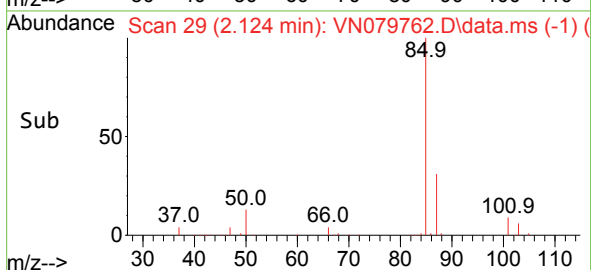
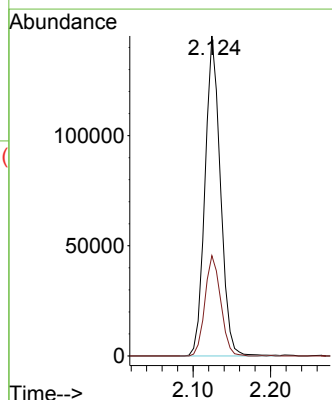
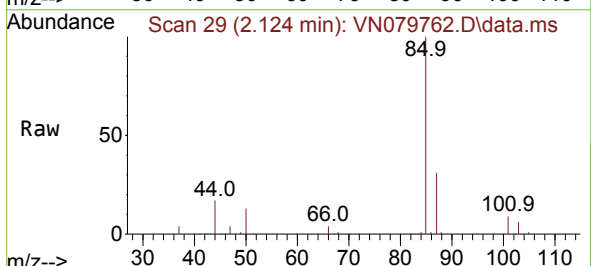
Acq: 01 Nov 2023 10:27

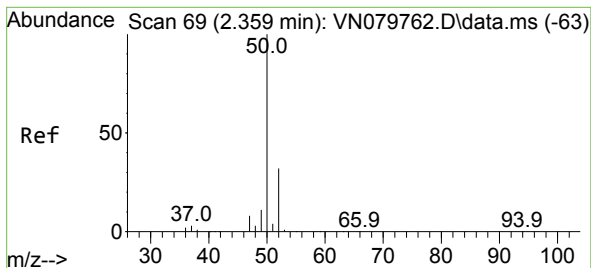
Tgt Ion: 85 Resp: 200709

Ion Ratio Lower Upper

85 100

87 31.3 15.8 47.4





#3

Chloromethane

Concen: 49.763 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079762.D

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ClientSampleId :

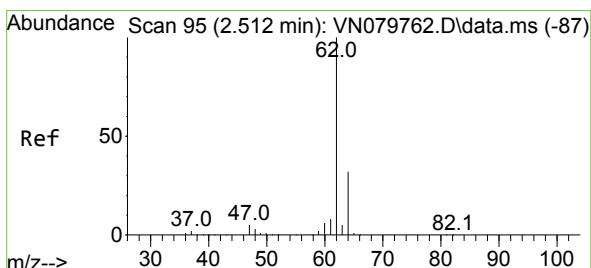
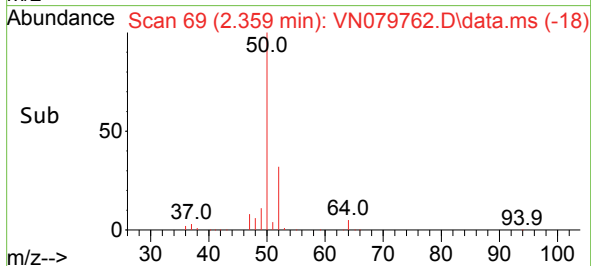
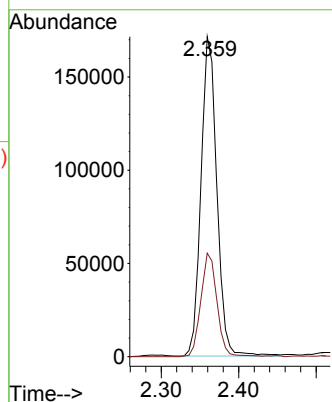
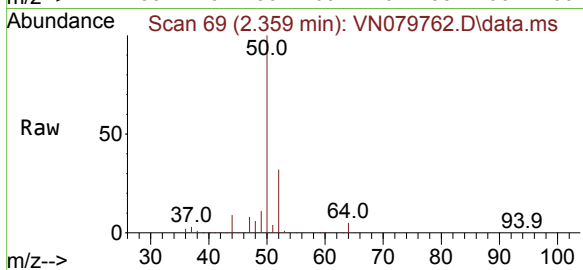
VSTDICCC050

Tgt Ion: 50 Resp: 243515

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7



#4

Vinyl Chloride

Concen: 50.247 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079762.D

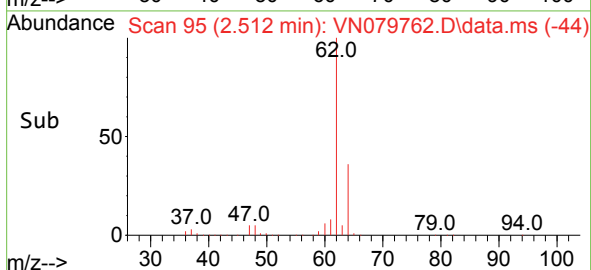
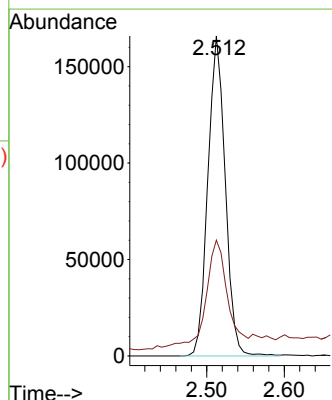
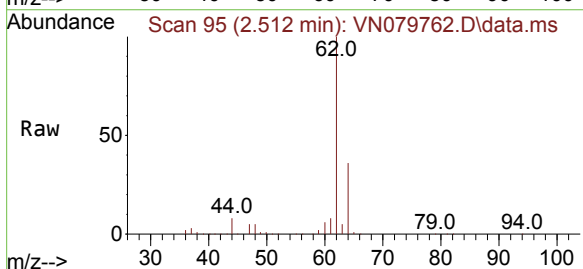
Acq: 01 Nov 2023 10:27

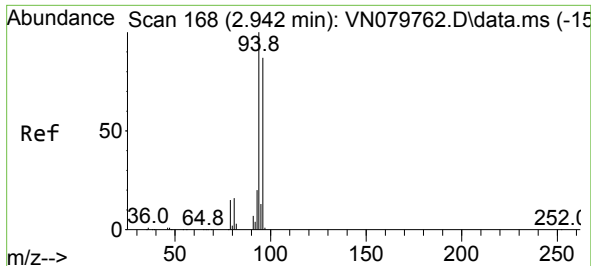
Tgt Ion: 62 Resp: 258680

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.2

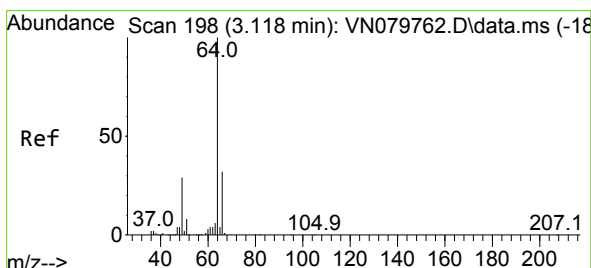
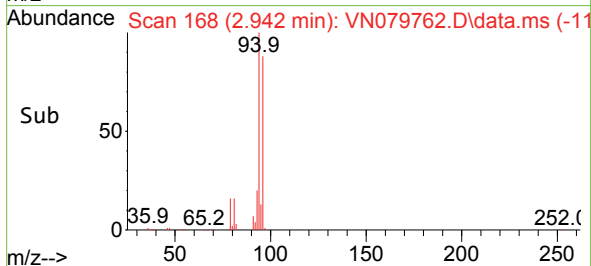
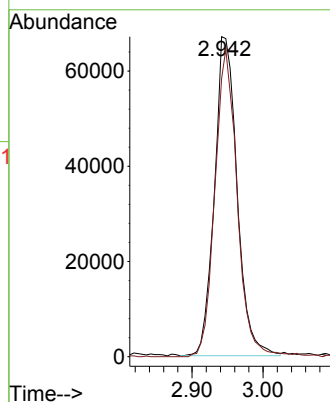
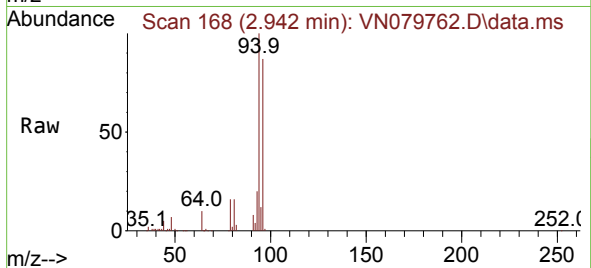




#5
Bromomethane
Concen: 47.479 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN079762.D
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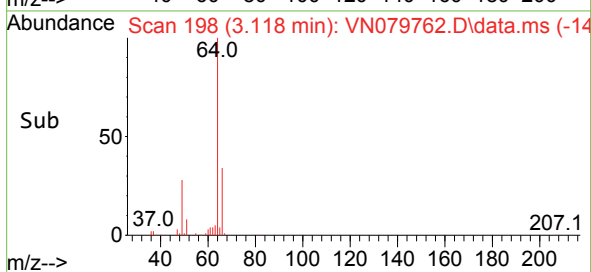
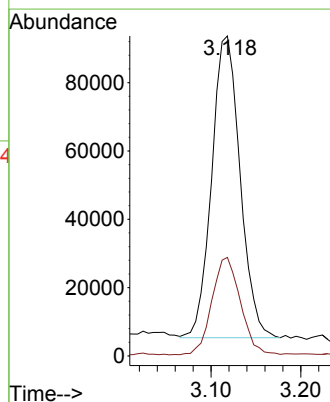
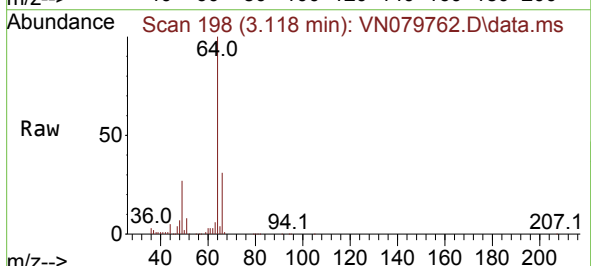
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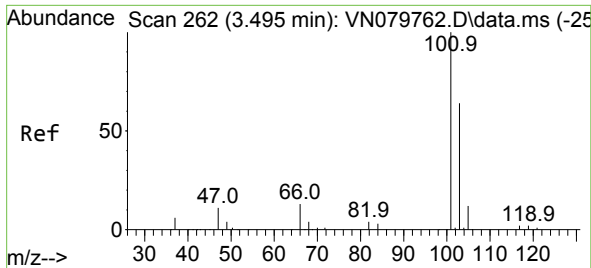
Tgt Ion: 94 Resp: 148514
Ion Ratio Lower Upper
94 100
96 87.3 73.1 109.7



#6
Chloroethane
Concen: 47.544 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 194126
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2

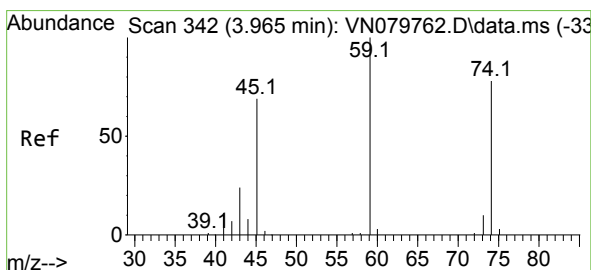
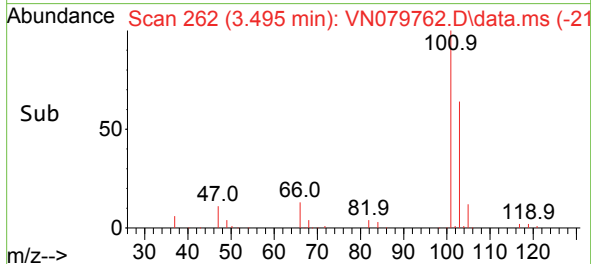
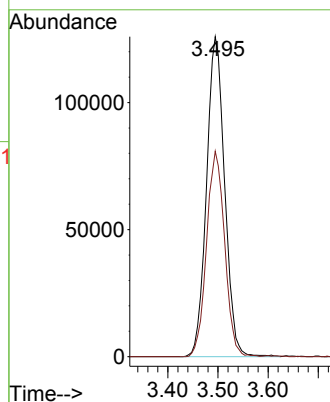
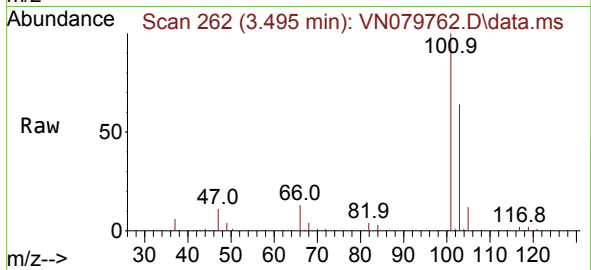




#7
 Trichlorofluoromethane
 Concen: 49.393 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN079762.D
 Acq: 01 Nov 2023 10:27

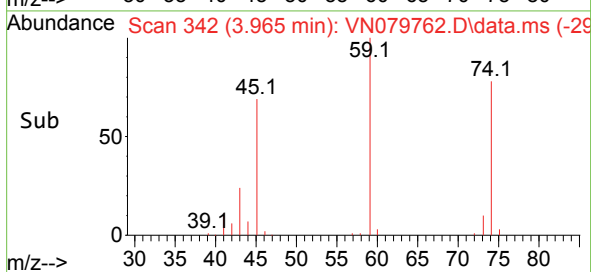
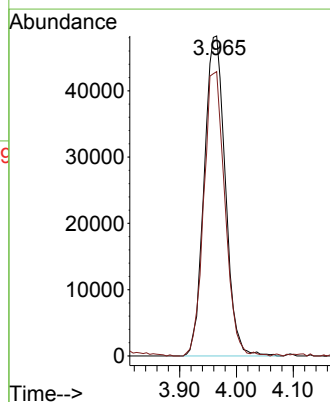
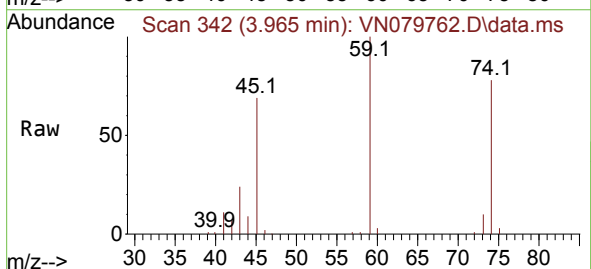
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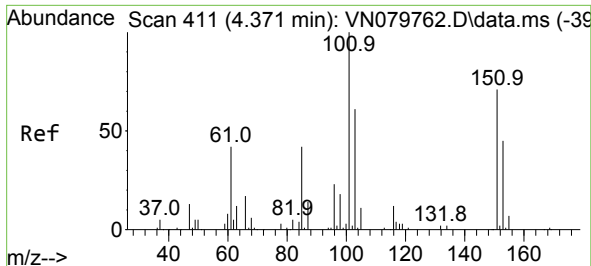
Tgt Ion:101 Resp: 316268
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 51.142 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN079762.D
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Tgt Ion: 74 Resp: 124269
 Ion Ratio Lower Upper
 74 100
 45 88.6 34.4 103.3

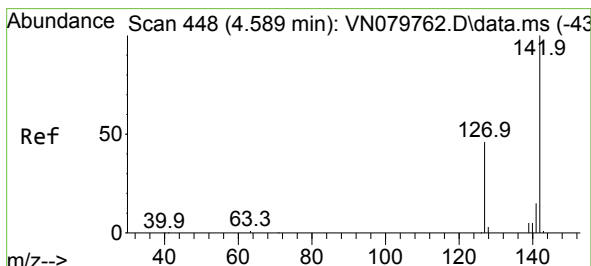
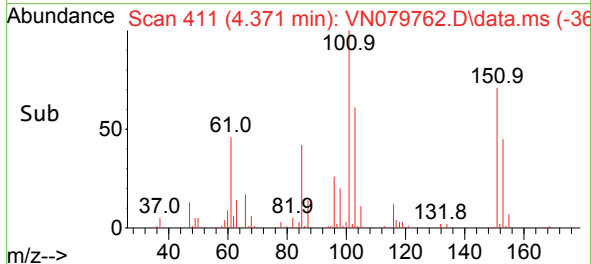
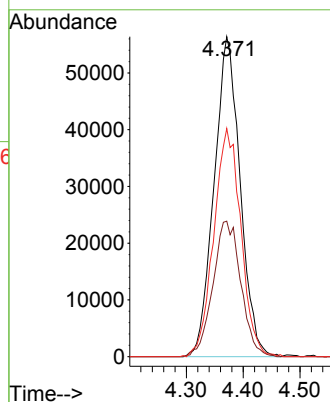
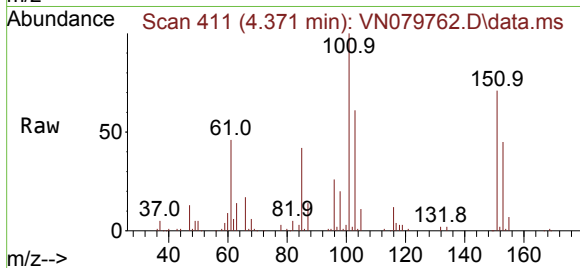




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.337 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

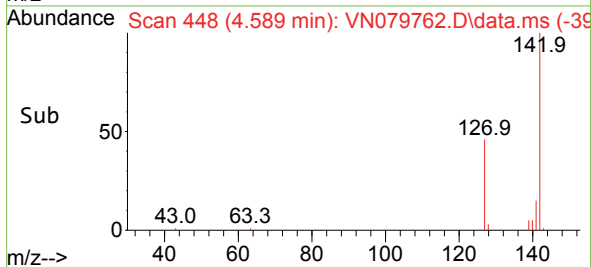
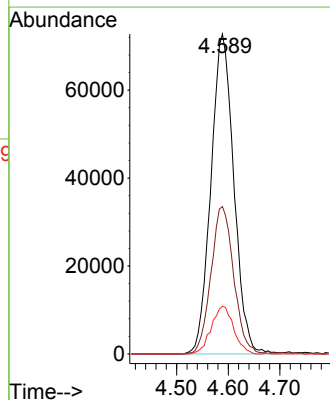
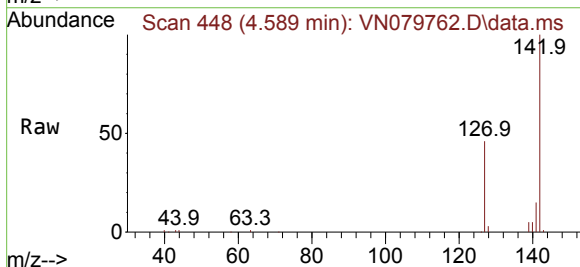
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

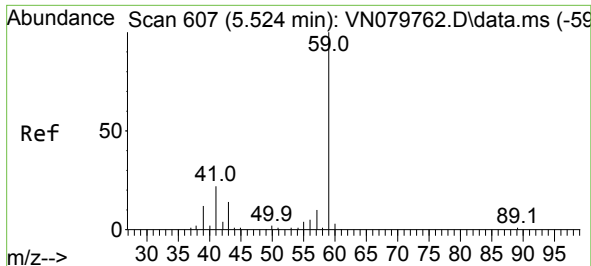
Tgt Ion:101 Resp: 179423
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 74.2 57.6 86.4



#10
Methyl Iodide
Concen: 52.826 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion:142 Resp: 223922
Ion Ratio Lower Upper
142 100
127 46.1 37.6 56.4
141 14.9 11.4 17.0

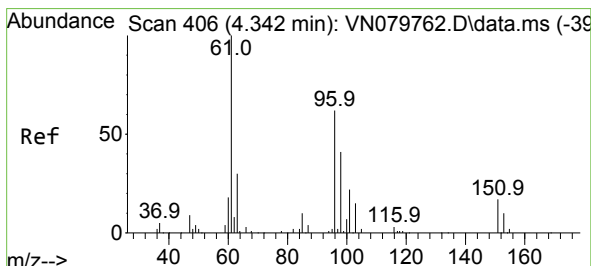
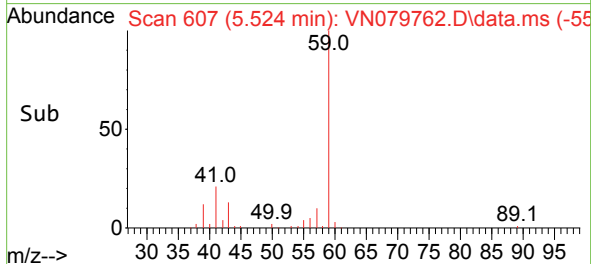
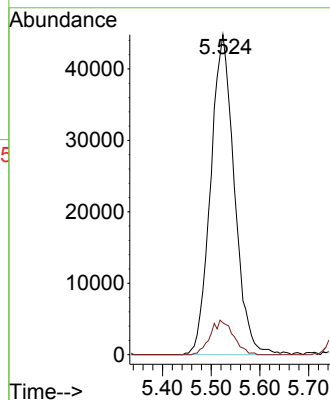
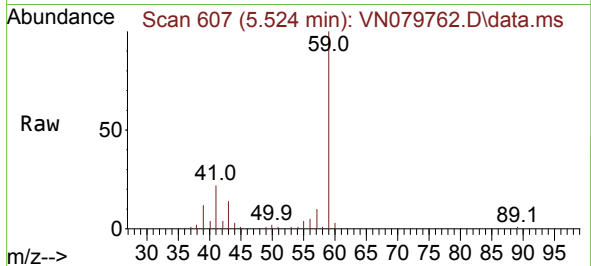




#11
Tert butyl alcohol
Concen: 238.264 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

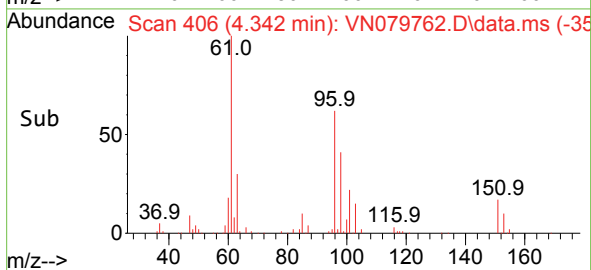
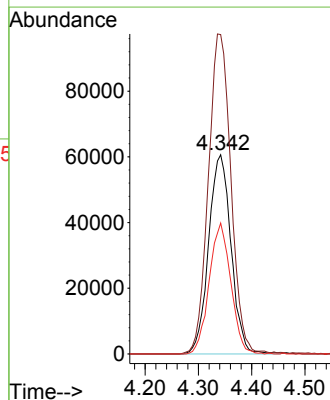
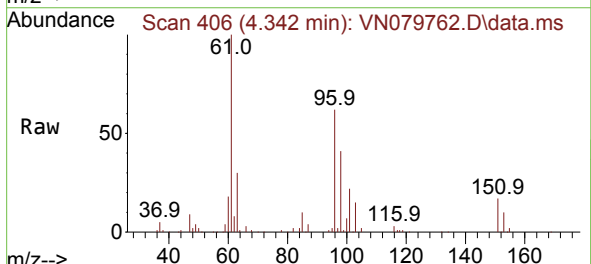
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

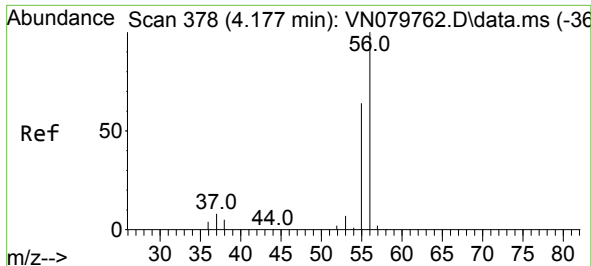
Tgt Ion: 59 Resp: 151302
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.511 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion: 96 Resp: 177522
Ion Ratio Lower Upper
96 100
61 160.4 112.7 169.1
98 65.7 51.2 76.8





#13

Acrolein

Concen: 254.348 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

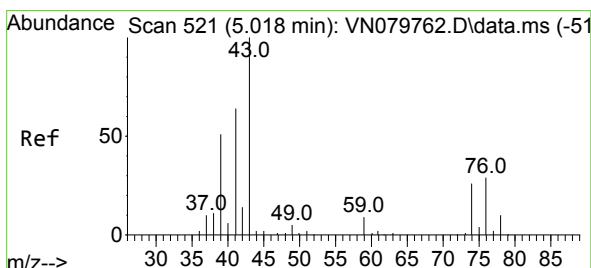
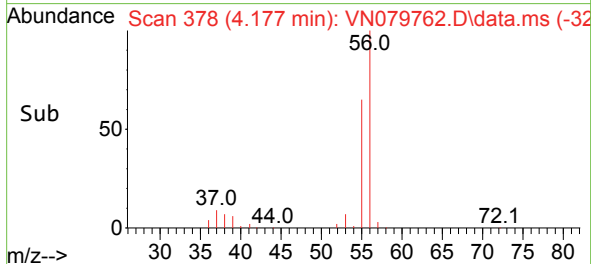
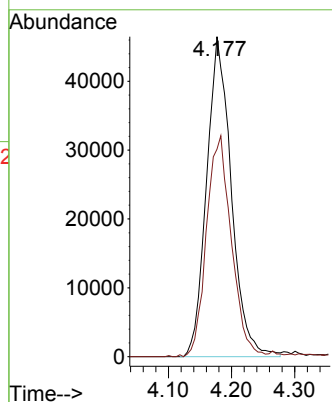
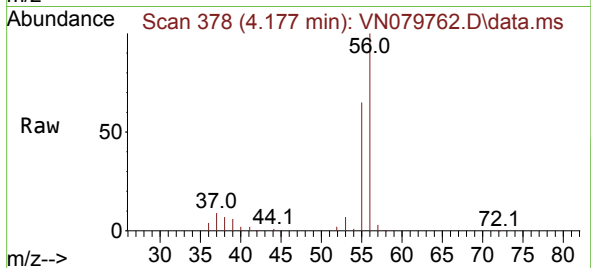
VSTDICCC050

Tgt Ion: 56 Resp: 126230

Ion Ratio Lower Upper

56 100

55 69.4 54.5 81.7



#14

Allyl chloride

Concen: 49.268 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

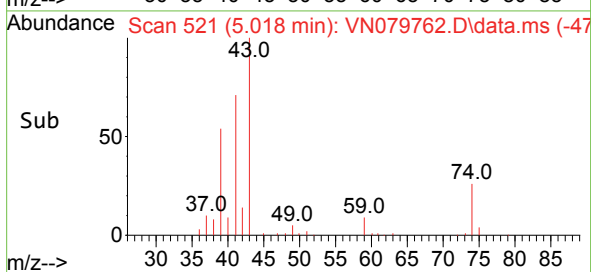
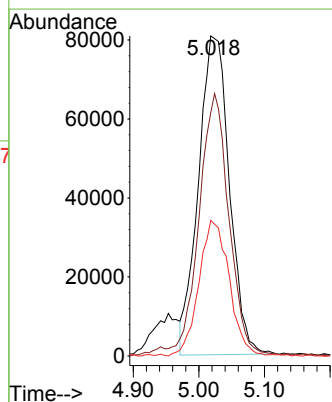
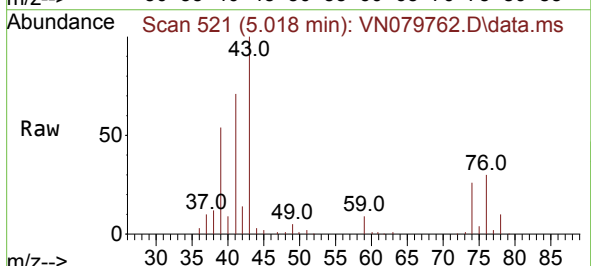
Tgt Ion: 41 Resp: 265211

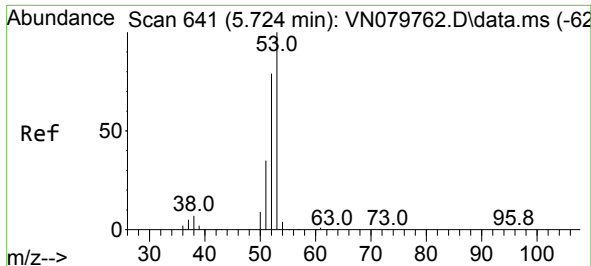
Ion Ratio Lower Upper

41 100

39 78.6 58.8 88.2

76 41.6 39.1 58.7

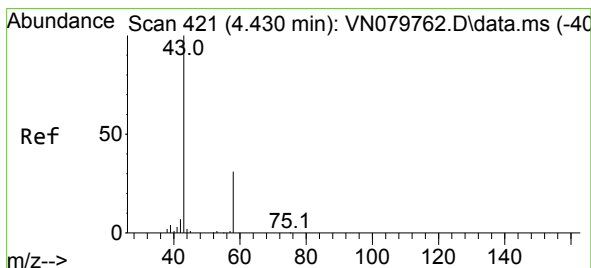
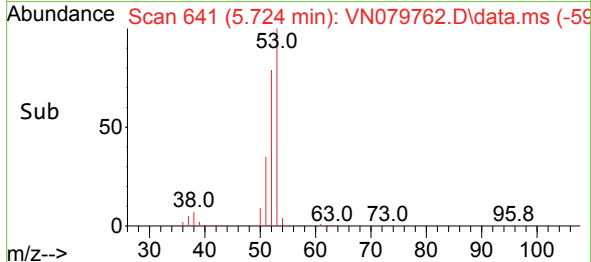
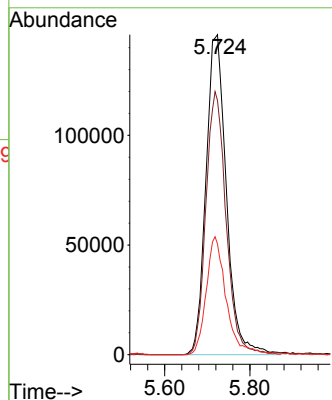
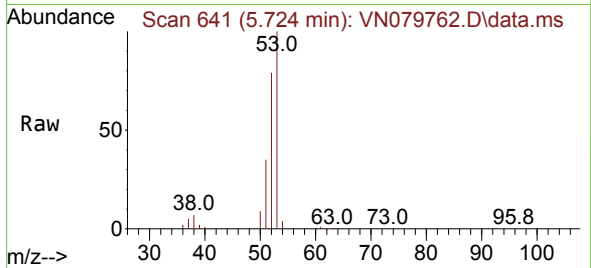




#15
Acrylonitrile
Concen: 245.477 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

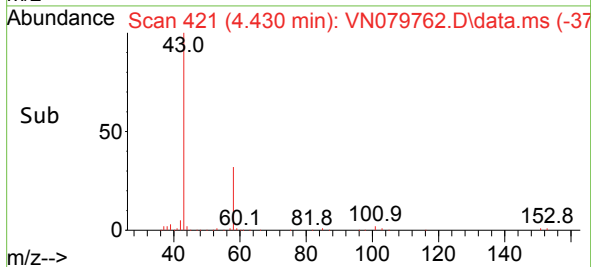
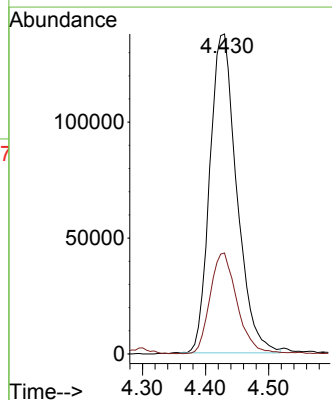
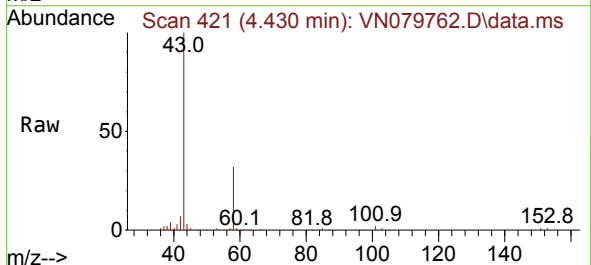
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

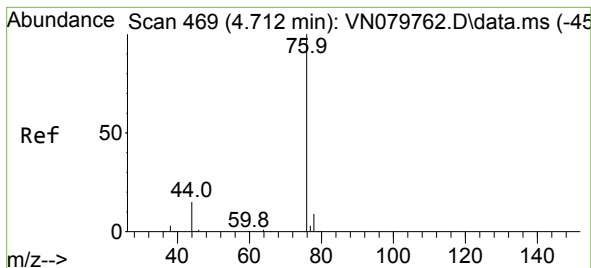
Tgt Ion: 53 Resp: 485786
Ion Ratio Lower Upper
53 100
52 81.2 65.3 97.9
51 36.1 28.9 43.3



#16
Acetone
Concen: 233.340 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion: 43 Resp: 407728
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0





#17

Carbon Disulfide

Concen: 48.518 ug/l

RT: 4.712 min Scan# 4

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

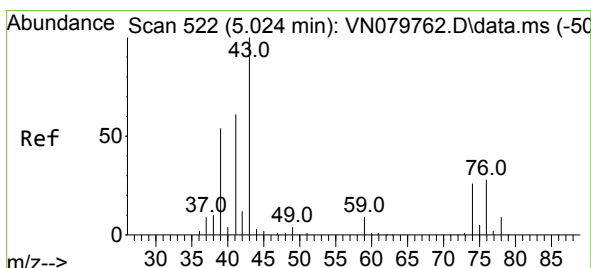
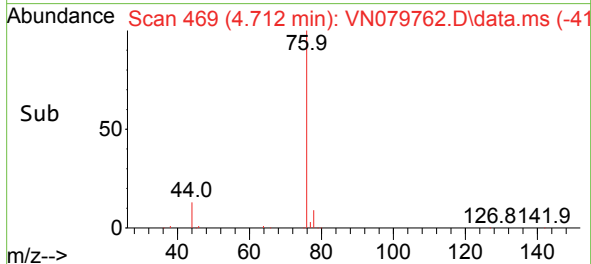
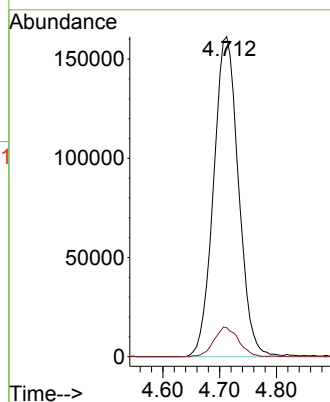
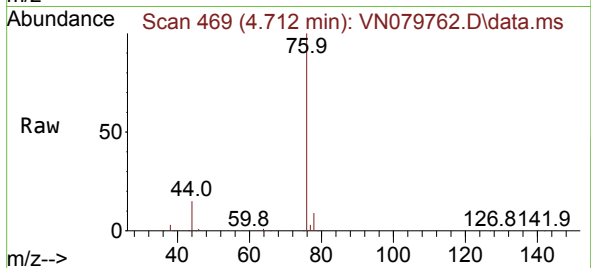
VSTDICCC050

Tgt Ion: 76 Resp: 491865

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



#18

Methyl Acetate

Concen: 47.184 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079762.D

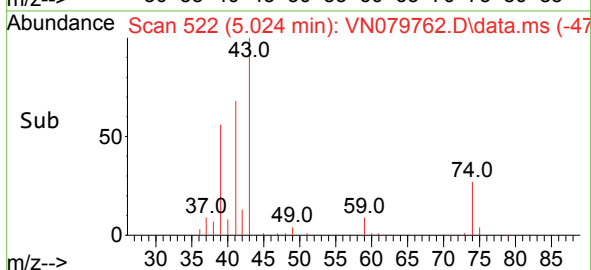
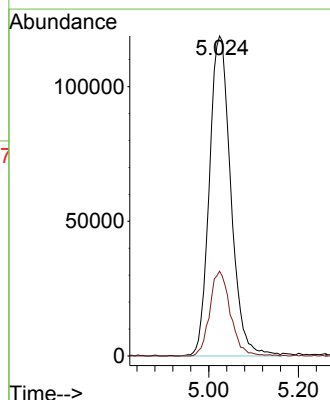
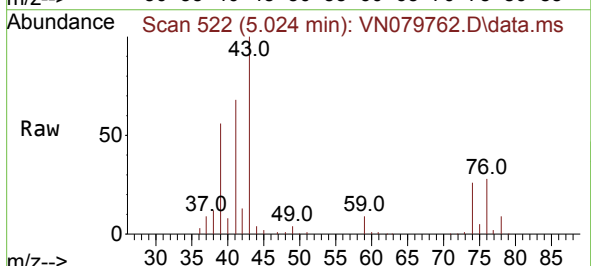
Acq: 01 Nov 2023 10:27

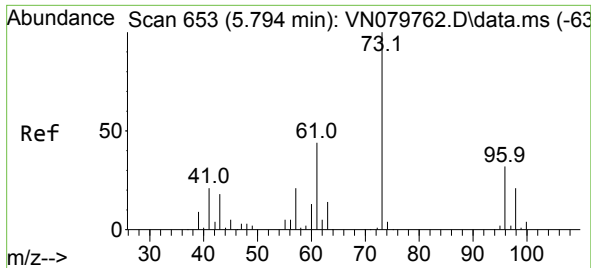
Tgt Ion: 43 Resp: 394452

Ion Ratio Lower Upper

43 100

74 25.6 26.2 39.4#

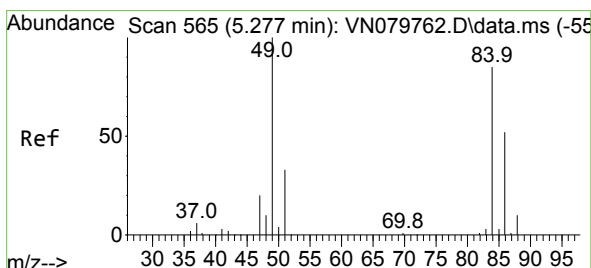
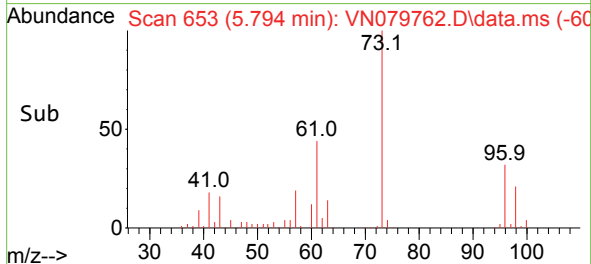
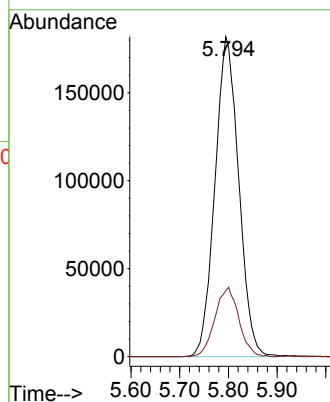
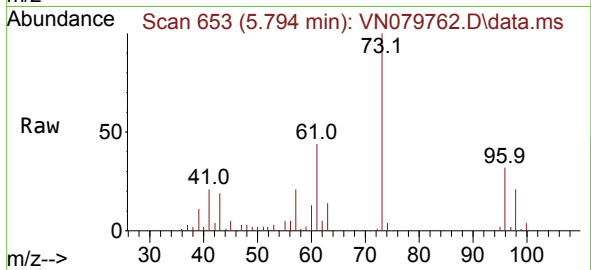




#19
Methyl tert-butyl Ether
Concen: 50.879 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

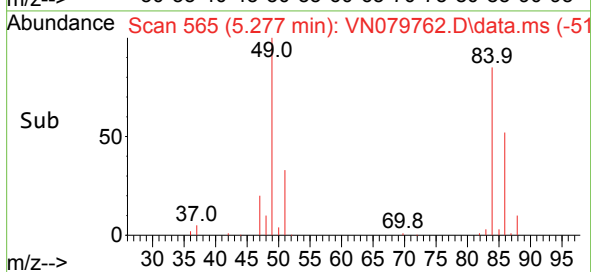
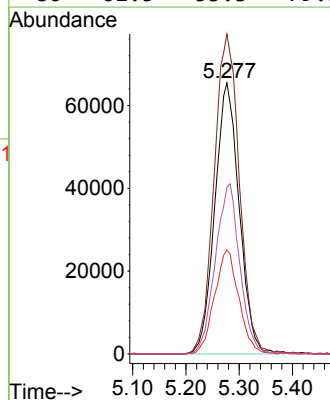
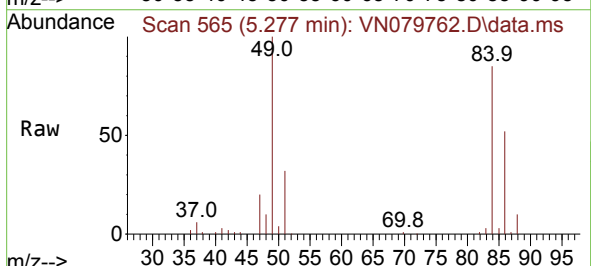
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

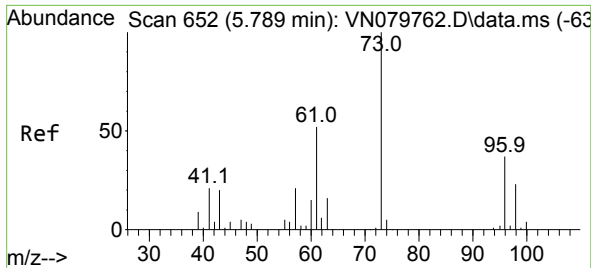
Tgt Ion: 73 Resp: 615640
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4



#20
Methylene Chloride
Concen: 47.180 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion: 84 Resp: 208019
Ion Ratio Lower Upper
84 100
49 118.1 79.7 119.5
51 38.4 25.2 37.8#
86 61.5 53.3 79.9

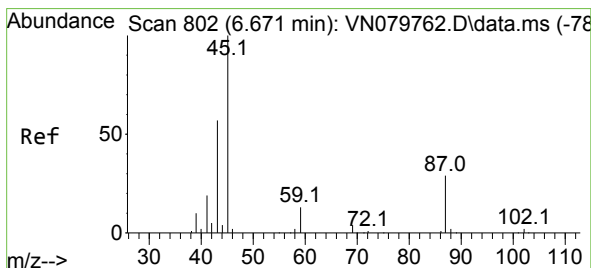
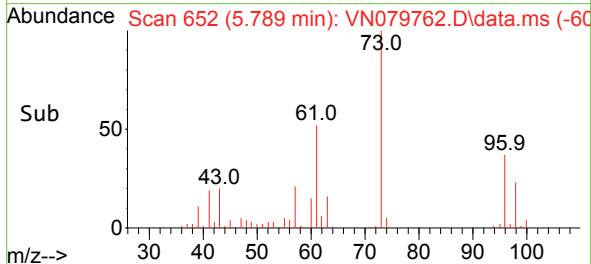
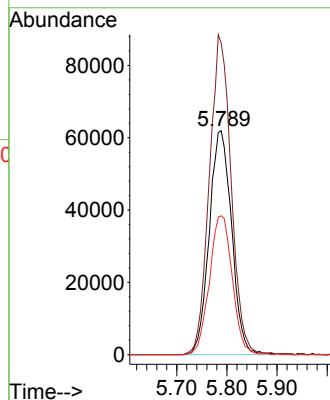
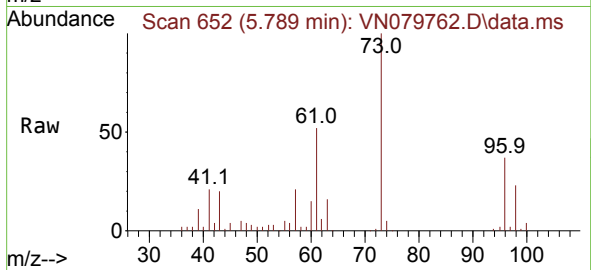




#21
trans-1,2-Dichloroethene
Concen: 49.018 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

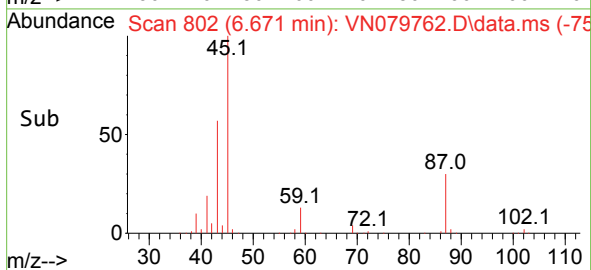
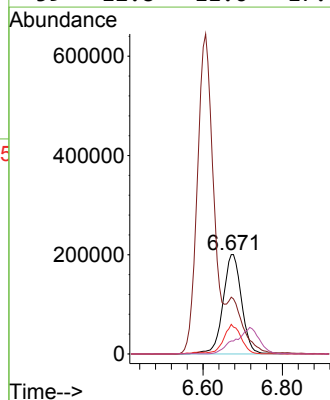
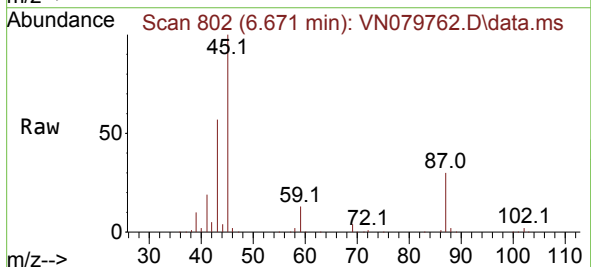
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

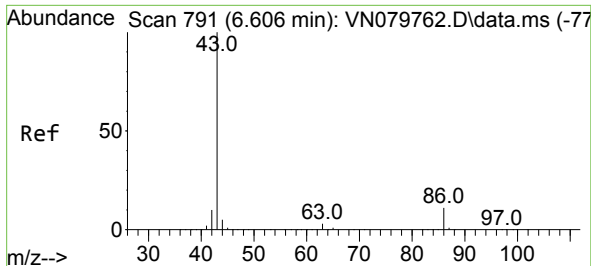
Tgt Ion: 96 Resp: 192139
Ion Ratio Lower Upper
96 100
61 139.1 90.1 135.1#
98 62.0 46.4 69.6



#22
Diisopropyl ether
Concen: 51.944 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion: 45 Resp: 647981
Ion Ratio Lower Upper
45 100
43 56.7 45.5 68.3
87 29.7 31.8 47.8#
59 12.8 11.6 17.4

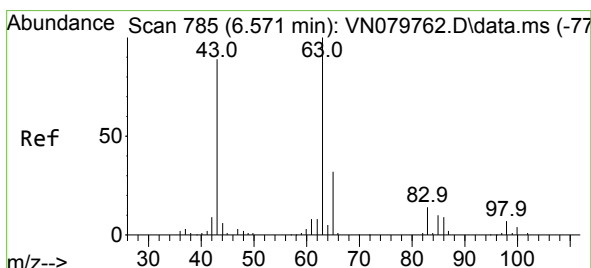
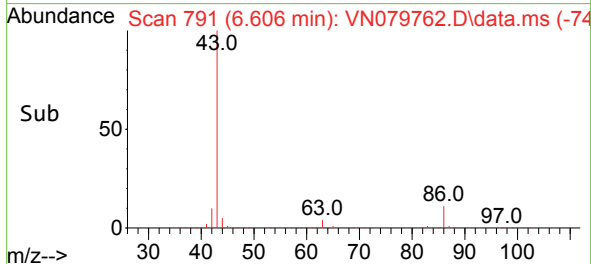
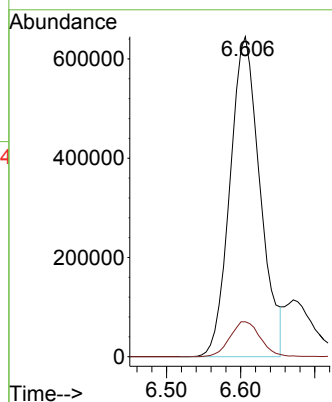
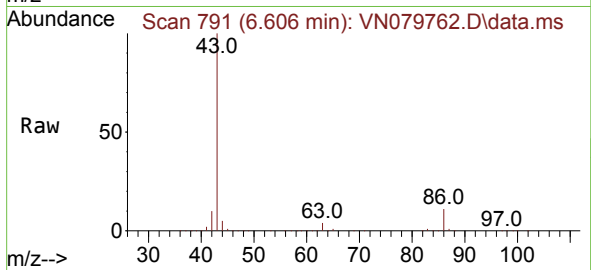




#23
 Vinyl Acetate
 Concen: 264.202 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079762.D
 Acq: 01 Nov 2023 10:27

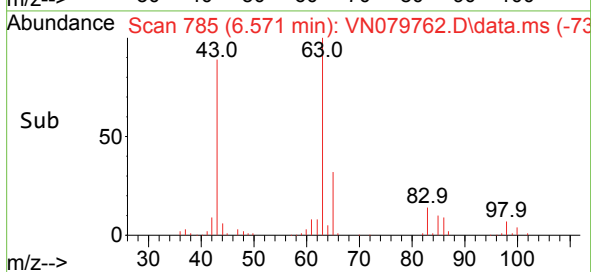
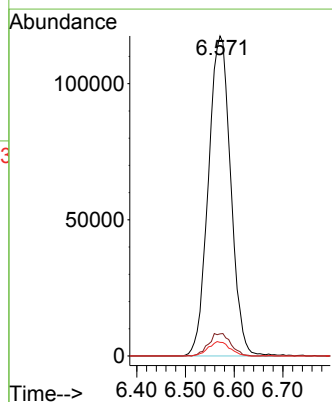
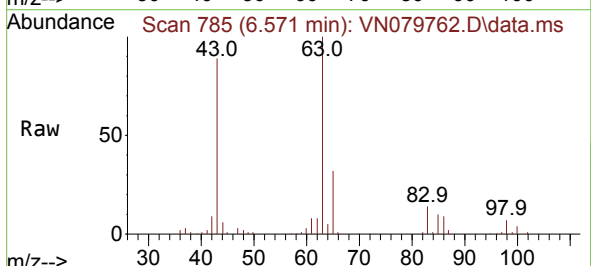
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

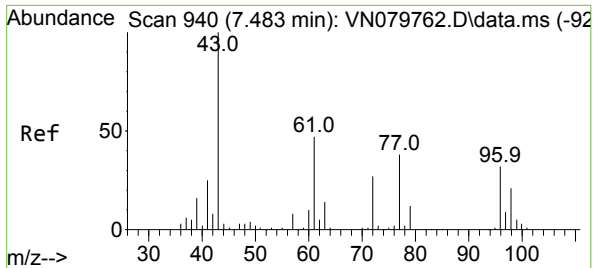
Tgt Ion: 43 Resp: 1817973
 Ion Ratio Lower Upper
 43 100
 86 10.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 49.340 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079762.D
 Acq: 01 Nov 2023 10:27

Tgt Ion: 63 Resp: 374101
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.9 11.7
 100 4.2 2.5 7.4

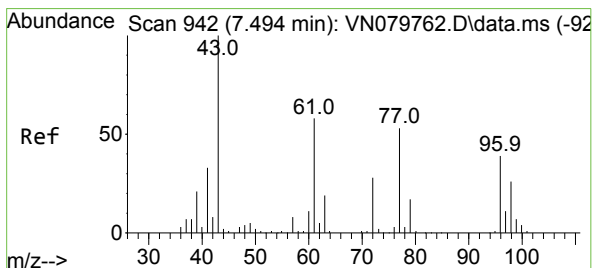
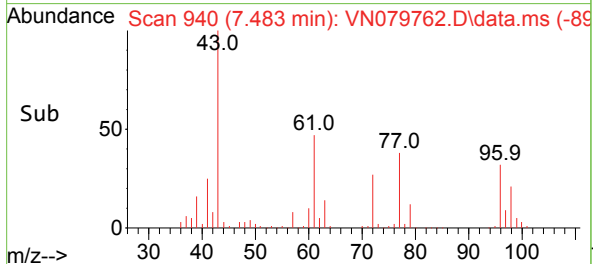
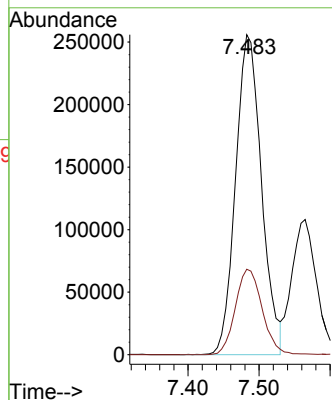
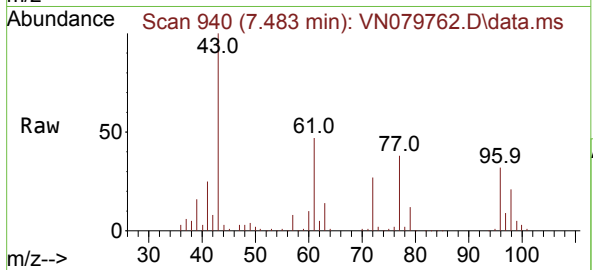




#25
2-Butanone
Concen: 254.335 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

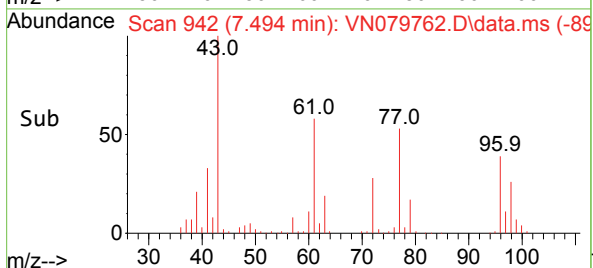
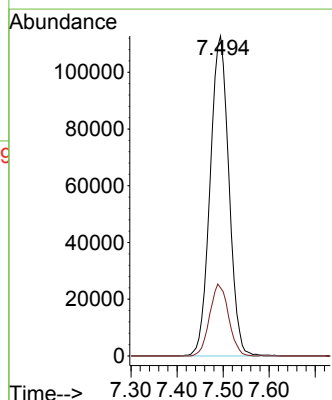
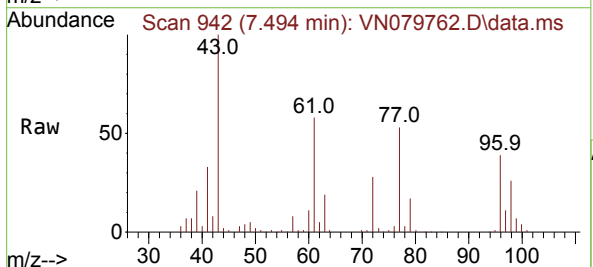
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

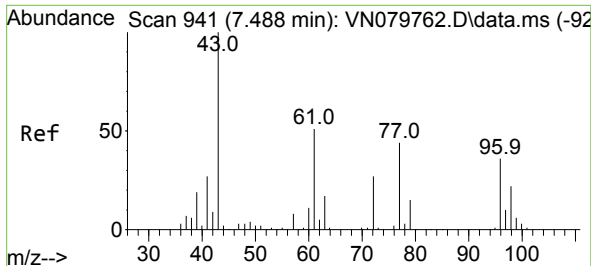
Tgt Ion: 43 Resp: 650780
Ion Ratio Lower Upper
43 100
72 26.7 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 50.919 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion: 77 Resp: 319296
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.6

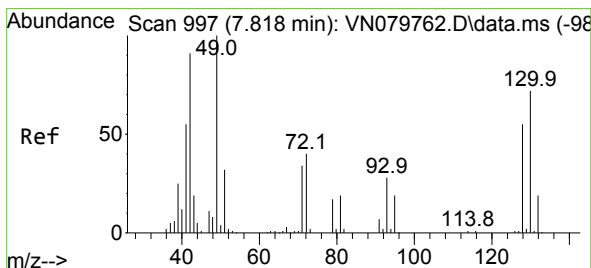
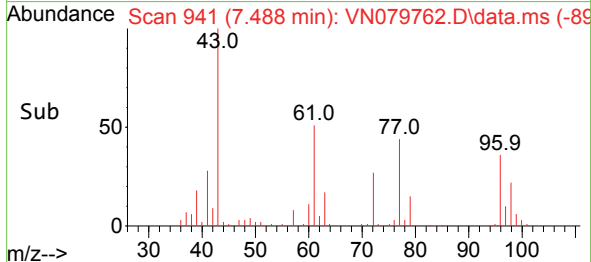
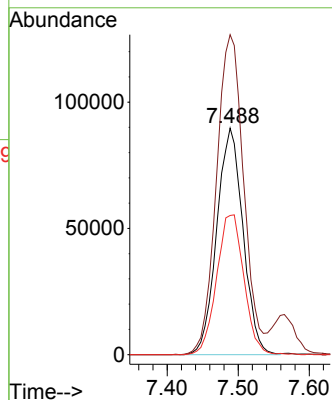
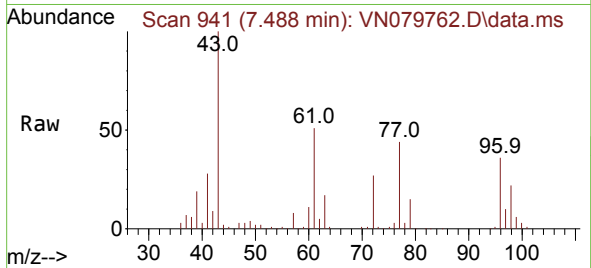




#27
 cis-1,2-Dichloroethene
 Concen: 49.162 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079762.D
 Acq: 01 Nov 2023 10:27

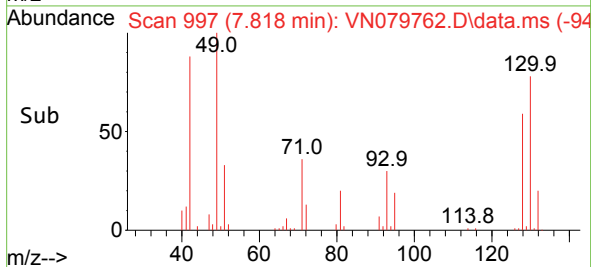
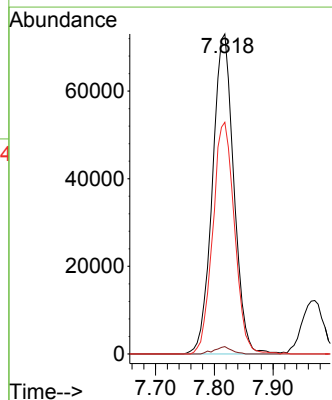
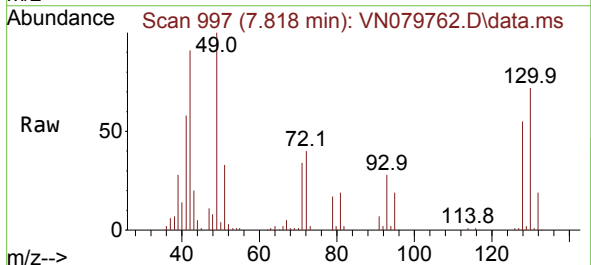
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

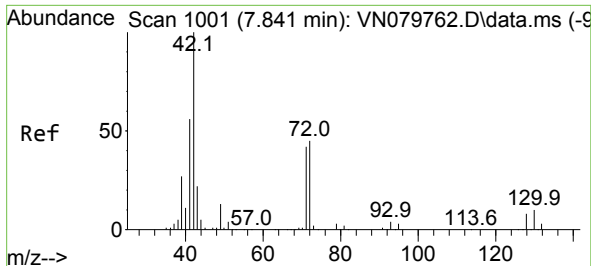
Tgt Ion: 96 Resp: 230507
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 255.2
 98 64.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.940 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079762.D
 Acq: 01 Nov 2023 10:27

Tgt Ion: 49 Resp: 184530
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 73.4 75.3 112.9#





#29

Tetrahydrofuran

Concen: 253.407 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

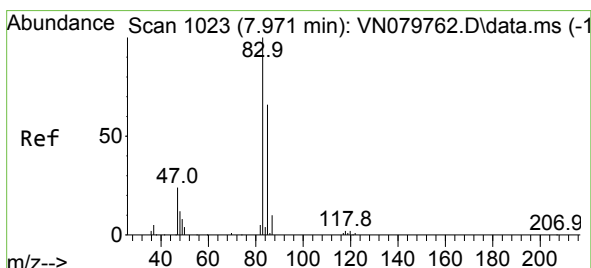
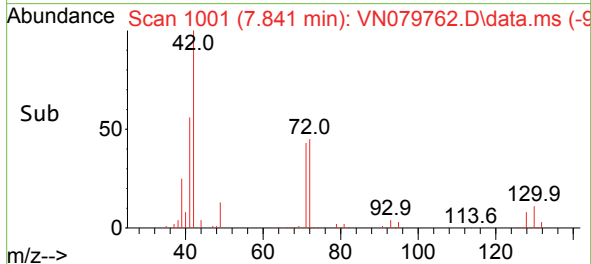
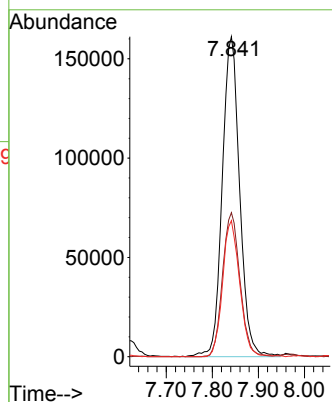
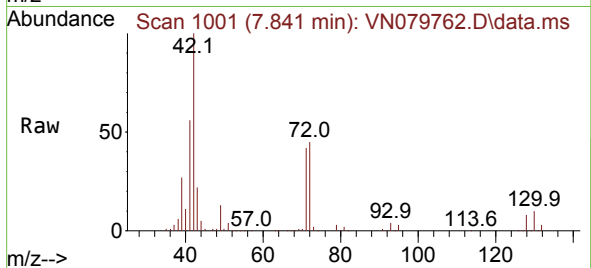
Tgt Ion: 42 Resp: 421860

Ion Ratio Lower Upper

42 100

72 45.0 49.8 74.6#

71 41.9 47.4 71.2#



#30

Chloroform

Concen: 46.775 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079762.D

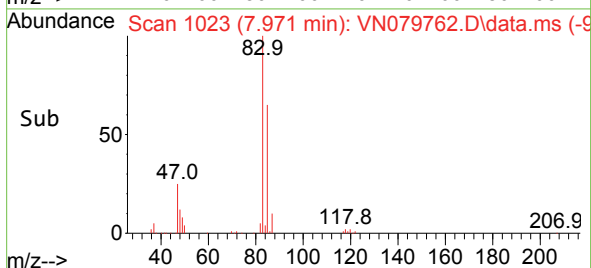
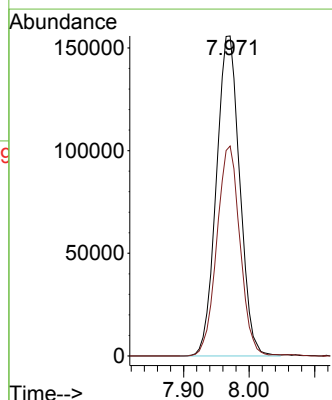
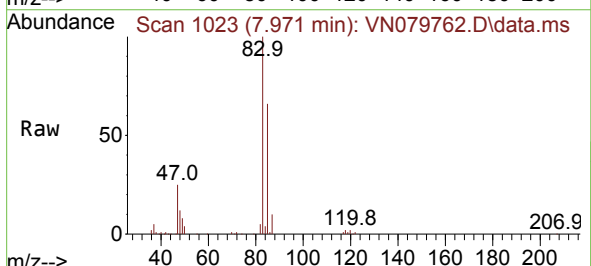
Acq: 01 Nov 2023 10:27

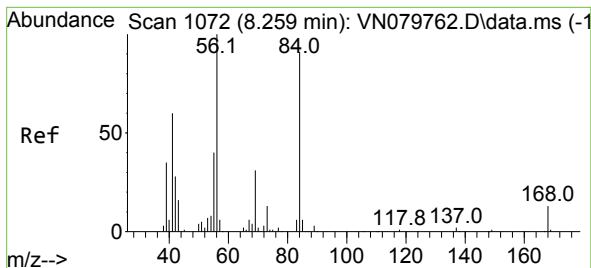
Tgt Ion: 83 Resp: 385234

Ion Ratio Lower Upper

83 100

85 65.6 55.4 83.0





#31

Cyclohexane

Concen: 47.210 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

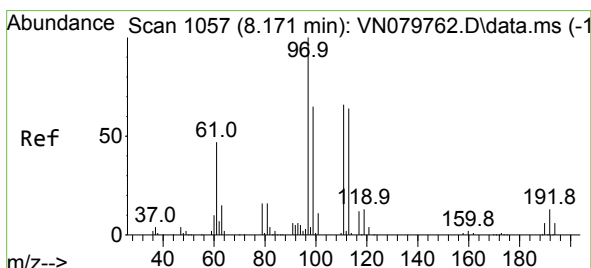
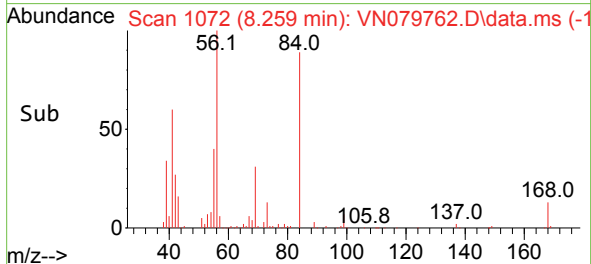
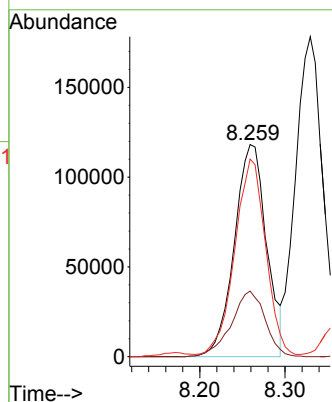
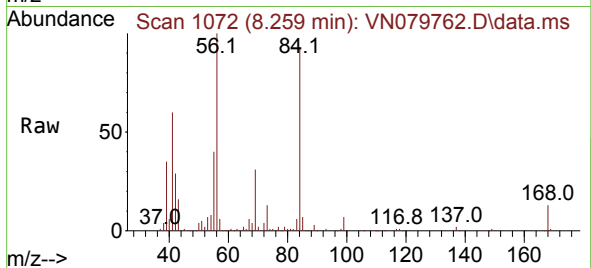
Tgt Ion: 56 Resp: 310332

Ion Ratio Lower Upper

56 100

69 31.0 26.8 40.2

84 91.3 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 49.236 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

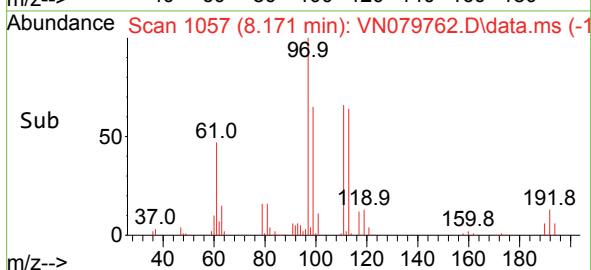
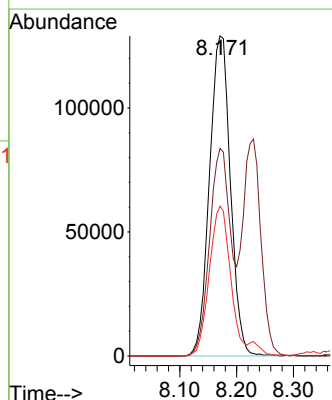
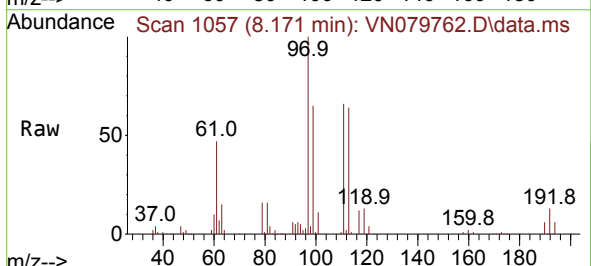
Tgt Ion: 97 Resp: 330410

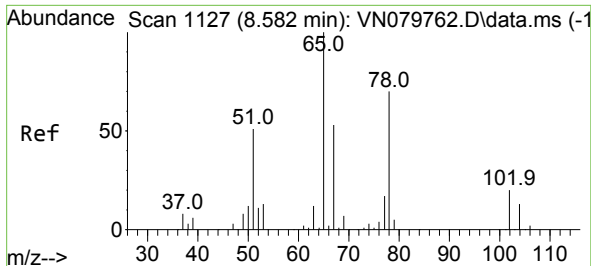
Ion Ratio Lower Upper

97 100

99 66.0 50.3 75.5

61 47.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.736 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

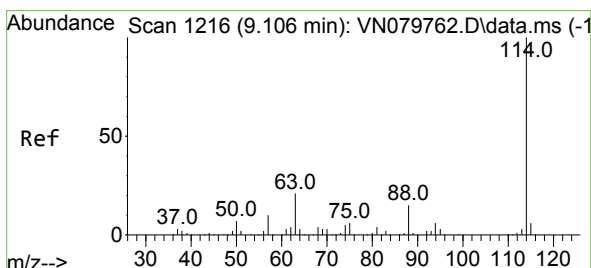
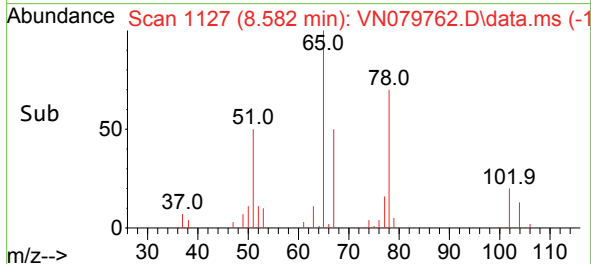
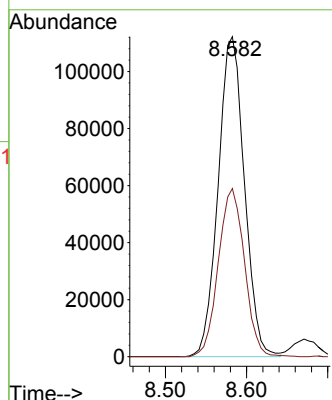
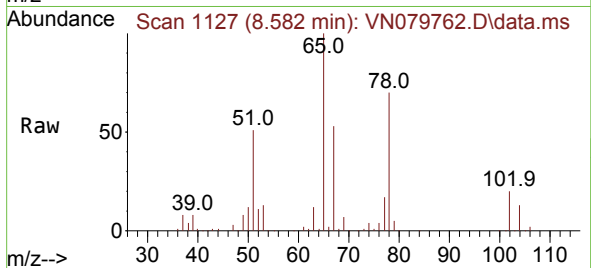
VSTDICCC050

Tgt Ion: 65 Resp: 252386

Ion Ratio Lower Upper

65 100

67 52.4 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: VN079762.D

Acq: 01 Nov 2023 10:27

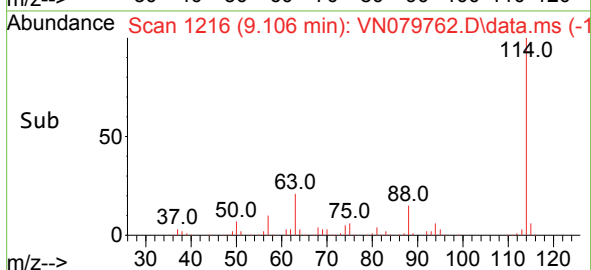
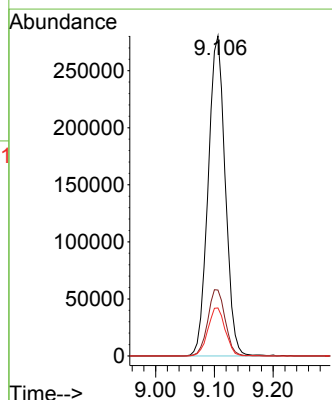
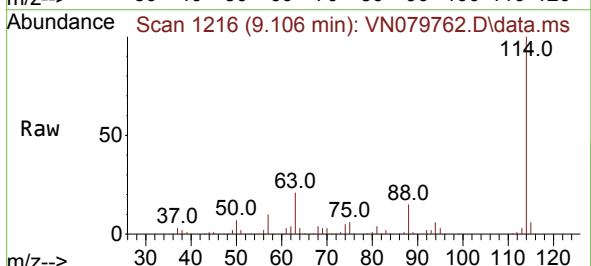
Tgt Ion: 114 Resp: 565139

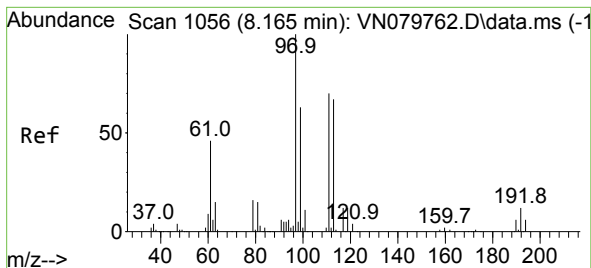
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.752 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

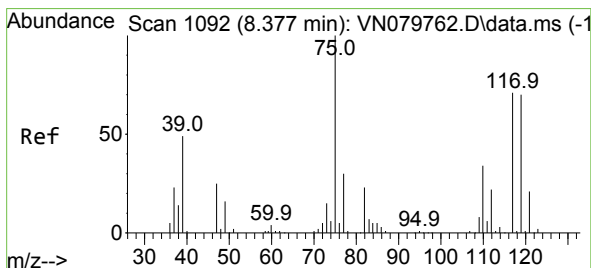
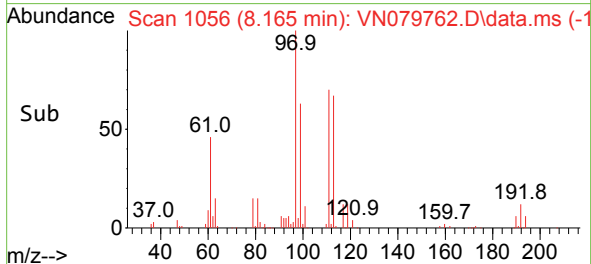
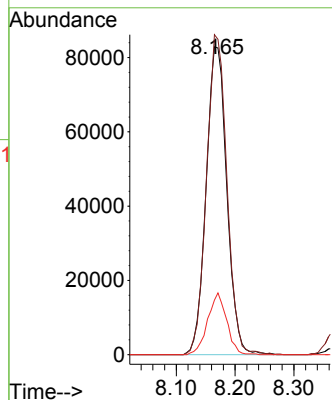
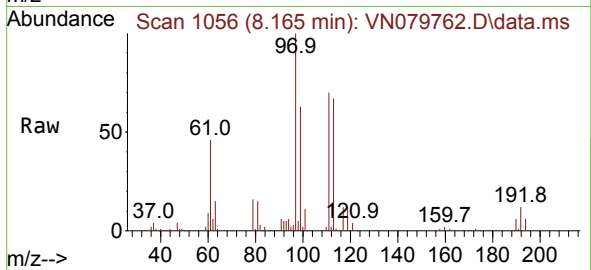
Tgt Ion:113 Resp: 202999

Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 18.4 12.7 19.1



#36

1,1-Dichloropropene

Concen: 49.946 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

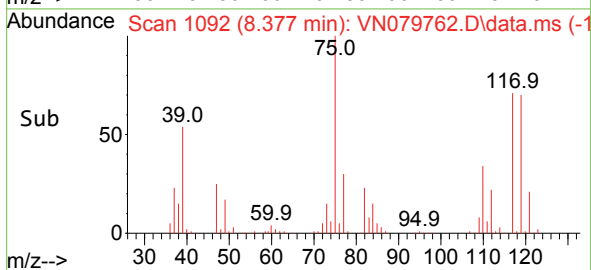
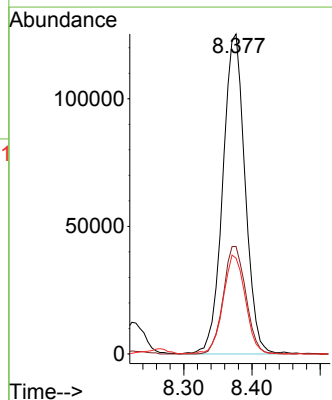
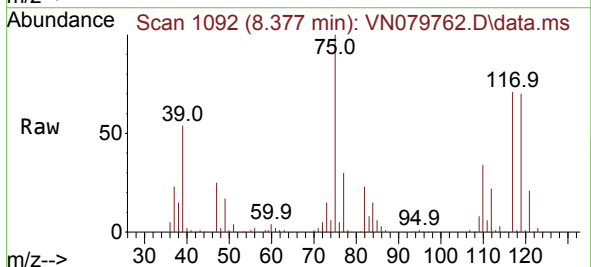
Tgt Ion: 75 Resp: 285245

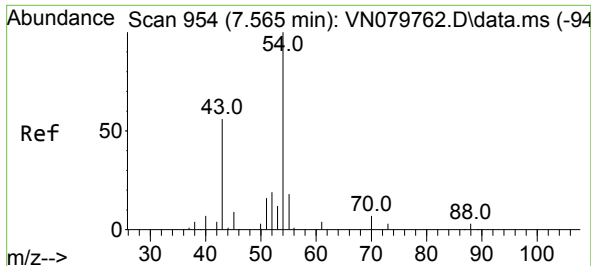
Ion Ratio Lower Upper

75 100

110 34.1 19.1 57.3

77 31.0 25.0 37.4

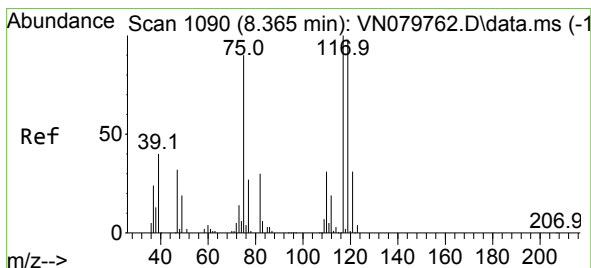
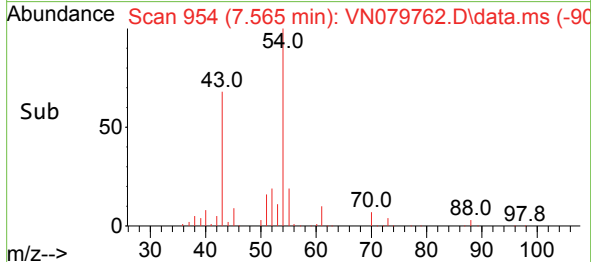
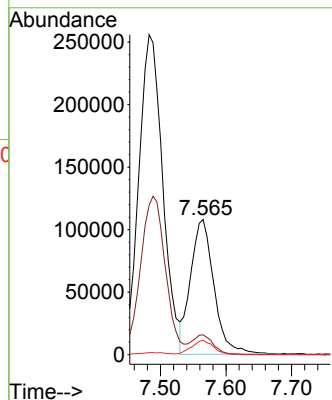
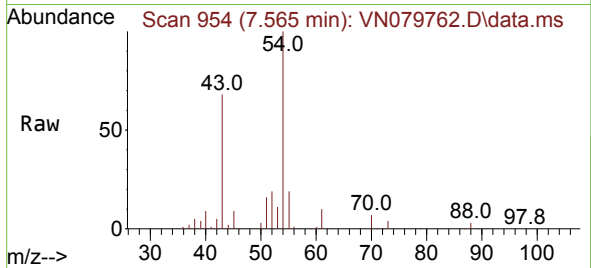




#37
Ethyl Acetate
Concen: 51.122 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

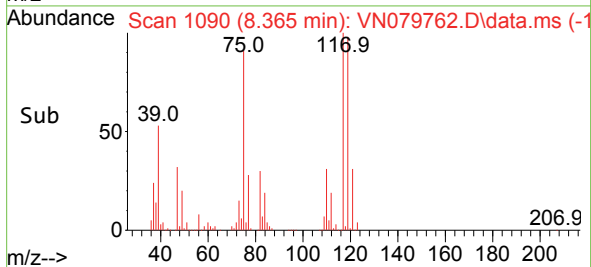
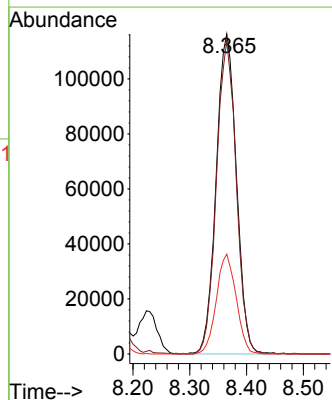
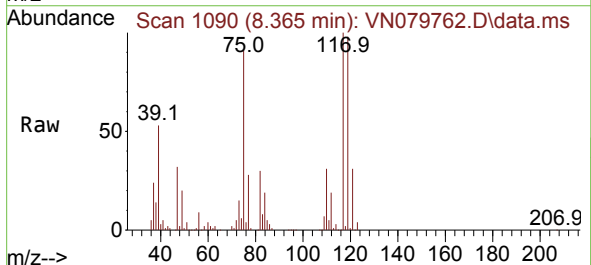
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

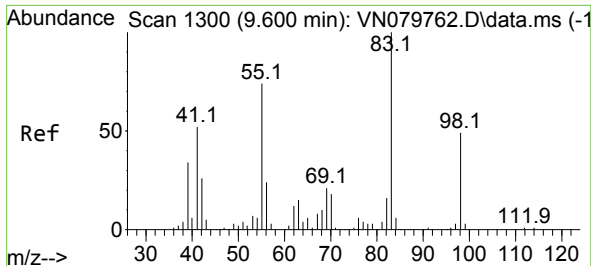
Tgt Ion: 43 Resp: 267763
Ion Ratio Lower Upper
43 100
61 12.7 13.2 19.8#
70 10.0 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 50.042 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion: 117 Resp: 288030
Ion Ratio Lower Upper
117 100
119 97.9 77.3 115.9
121 31.2 23.3 34.9

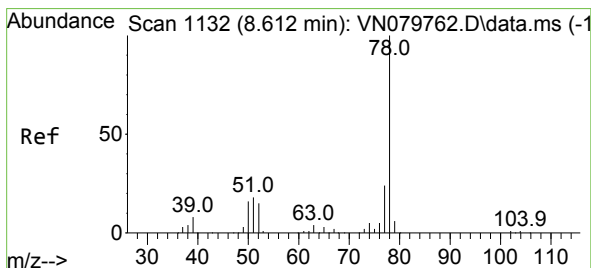
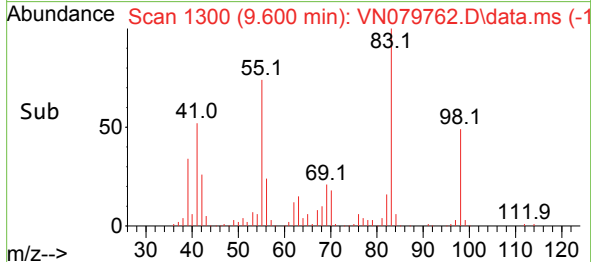
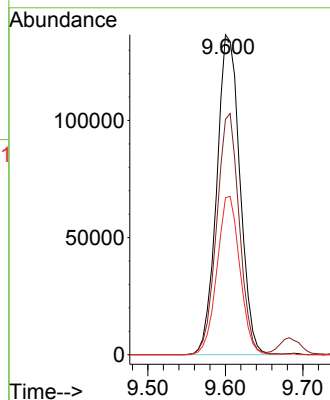
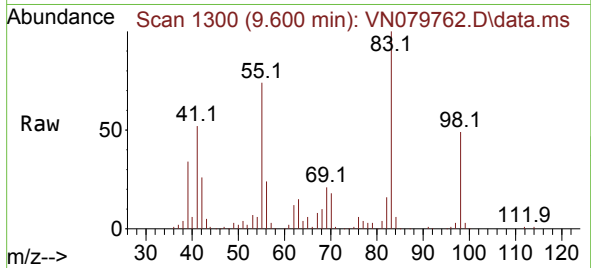




#39
Methylcyclohexane
Concen: 52.845 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

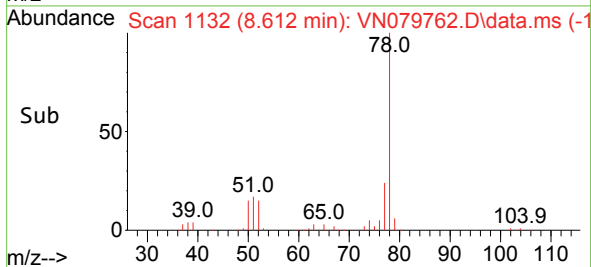
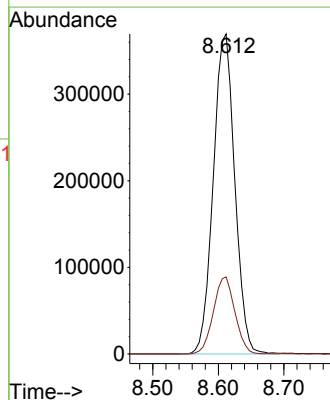
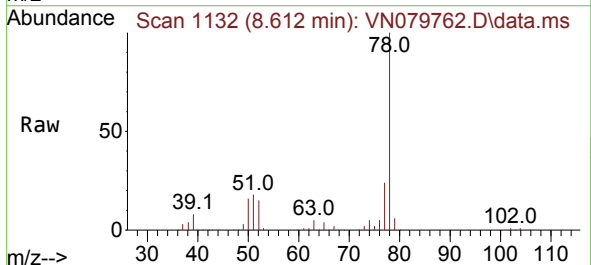
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

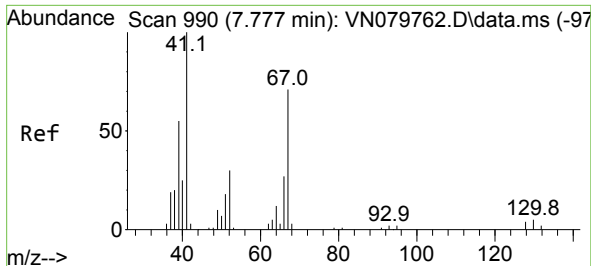
Tgt Ion: 83 Resp: 284026
Ion Ratio Lower Upper
83 100
55 73.6 49.1 73.7
98 49.0 40.6 61.0



#40
Benzene
Concen: 49.203 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion: 78 Resp: 841641
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

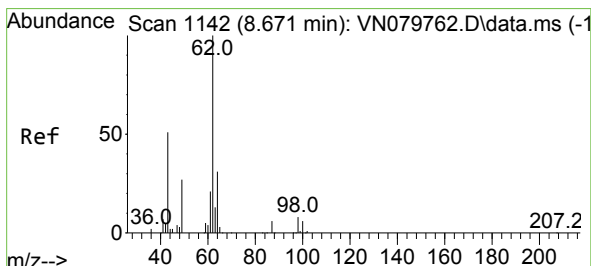
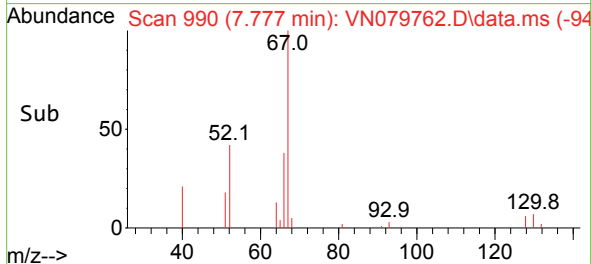
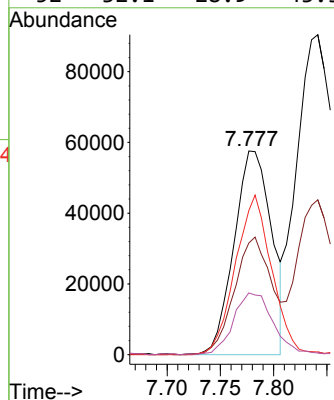
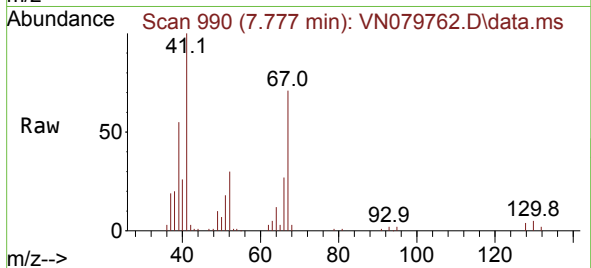




#41
Methacrylonitrile
Concen: 50.826 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

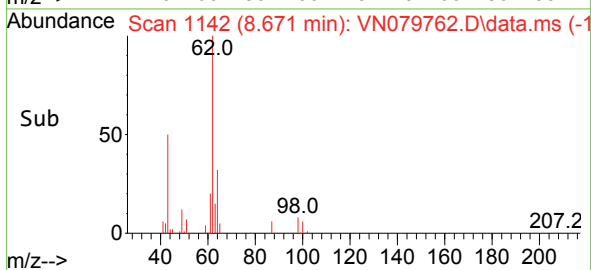
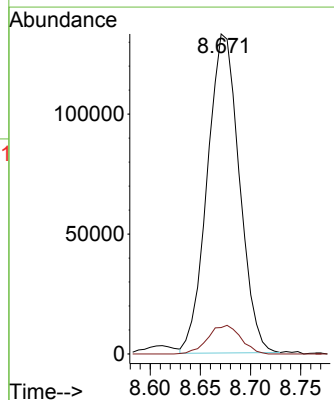
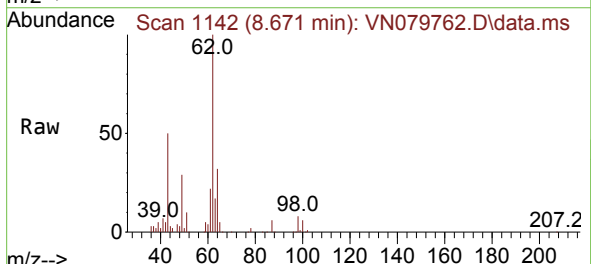
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

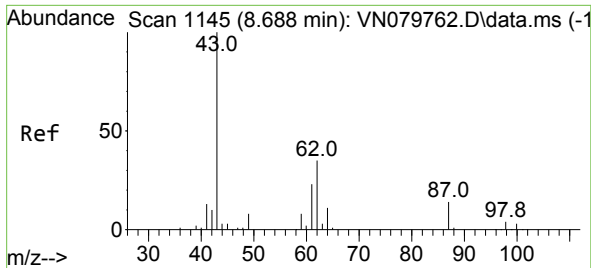
Tgt Ion:	41	Resp:	141364
Ion	Ratio	Lower	Upper
41	100		
39	56.8	42.6	64.0
67	76.4	77.5	116.3
52	32.1	28.9	43.3



#42
1,2-Dichloroethane
Concen: 49.436 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion:	62	Resp:	295380
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.8

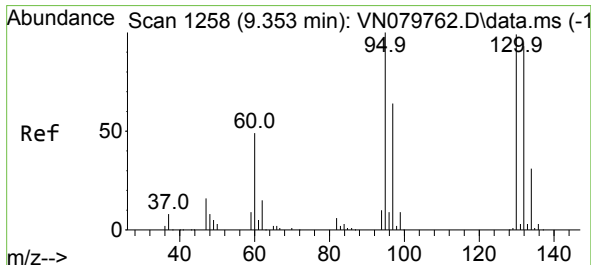
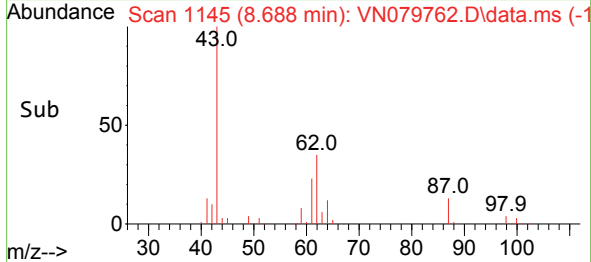
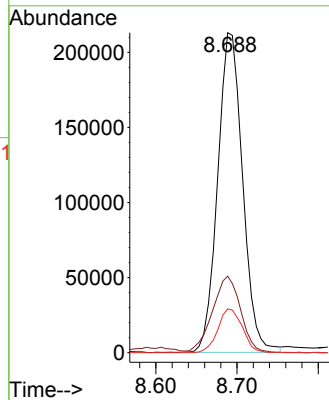
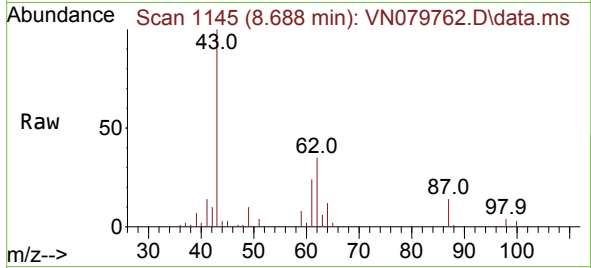




#43
Isopropyl Acetate
Concen: 49.638 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

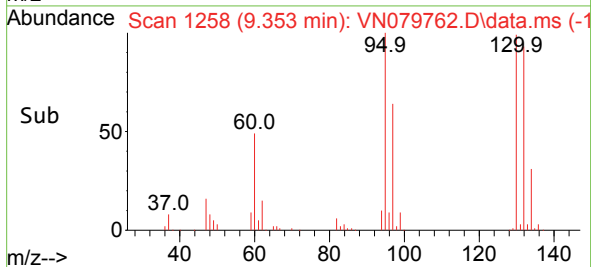
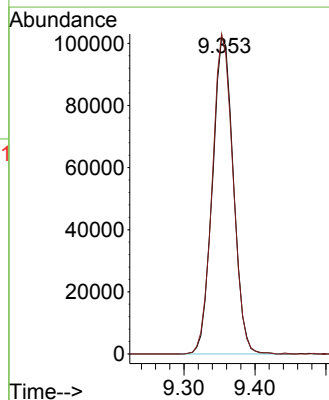
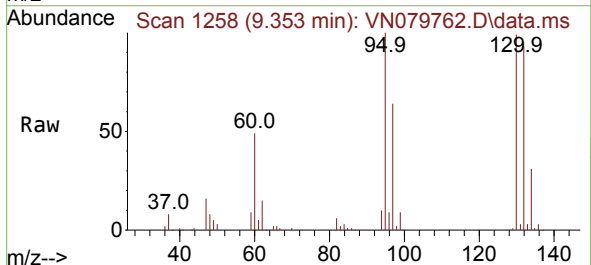
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

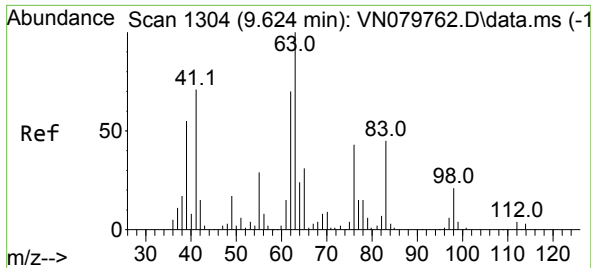
Tgt Ion: 43 Resp: 455950
Ion Ratio Lower Upper
43 100
61 26.7 24.7 37.1
87 13.5 14.6 21.8#



#44
Trichloroethene
Concen: 49.137 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion:130 Resp: 208570
Ion Ratio Lower Upper
130 100
95 101.1 0.0 204.6

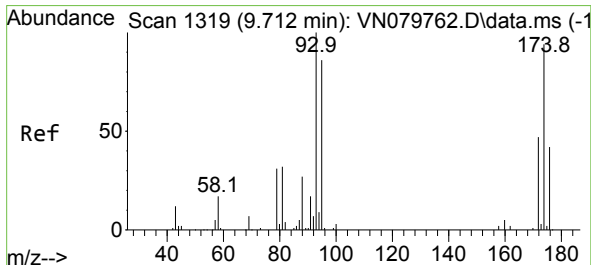
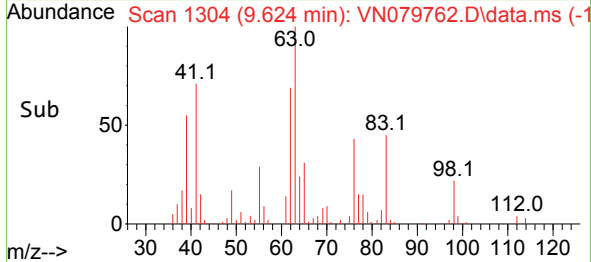
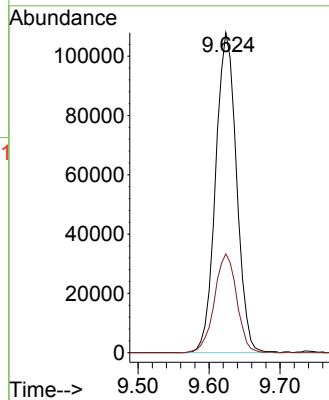
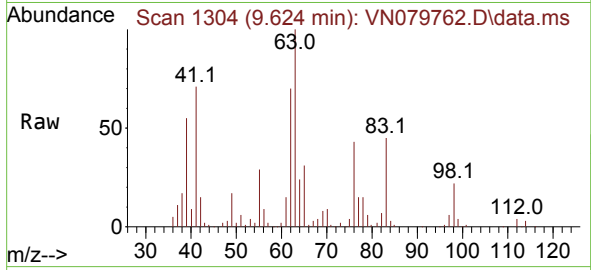




#45
1,2-Dichloropropane
Concen: 50.403 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

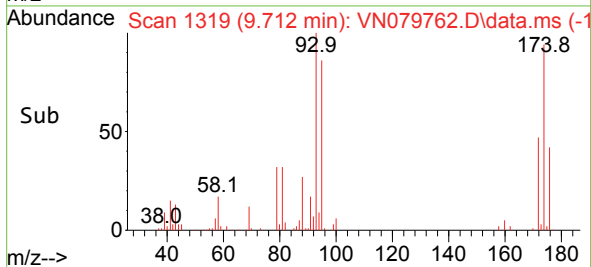
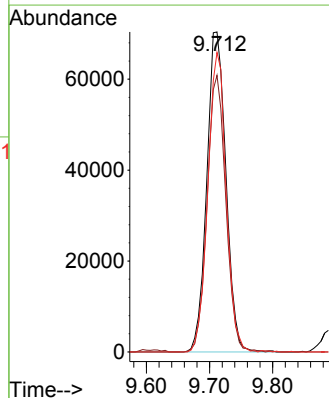
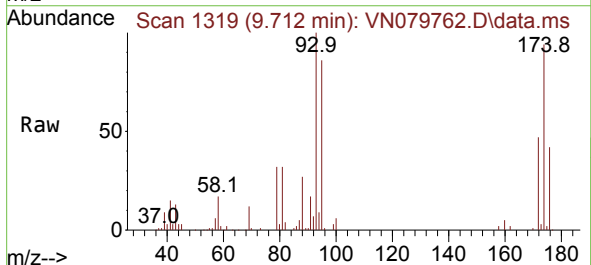
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

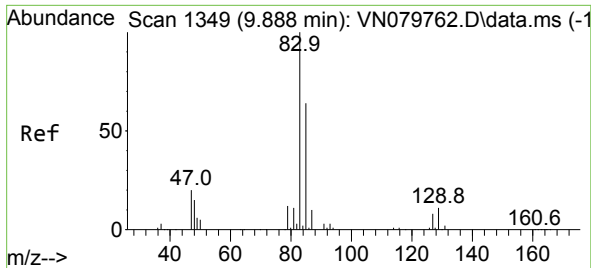
Tgt Ion: 63 Resp: 220334
Ion Ratio Lower Upper
63 100
65 30.9 23.9 35.9



#46
Dibromomethane
Concen: 49.716 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion: 93 Resp: 148395
Ion Ratio Lower Upper
93 100
95 84.2 63.8 95.8
174 89.4 65.6 98.4

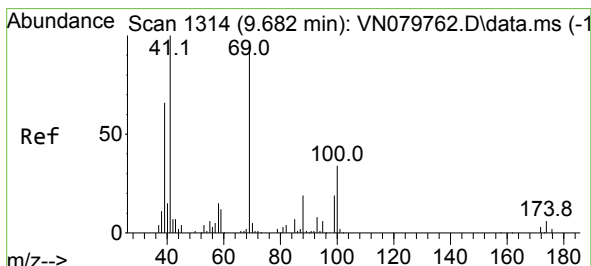
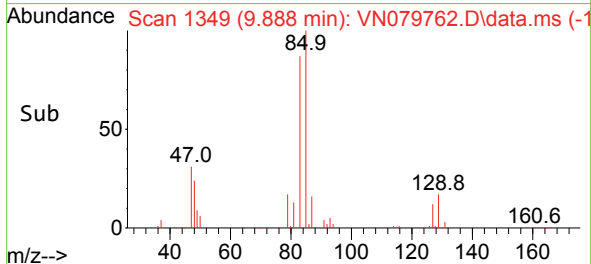
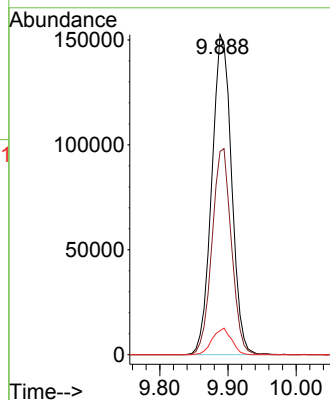
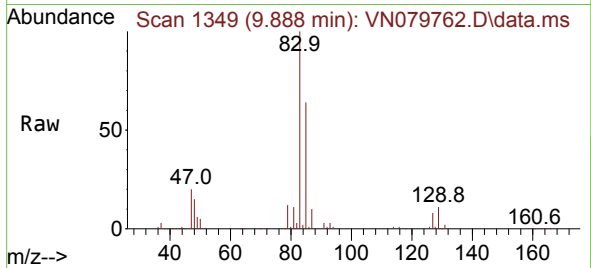




#47
Bromodichloromethane
Concen: 48.390 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

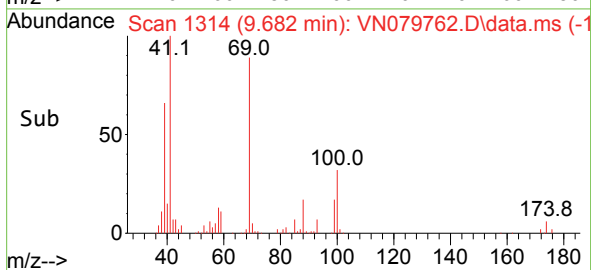
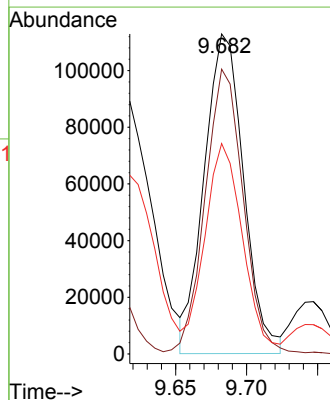
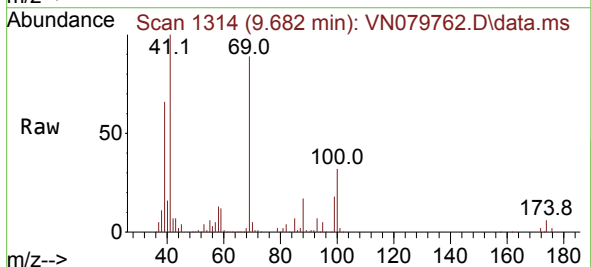
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

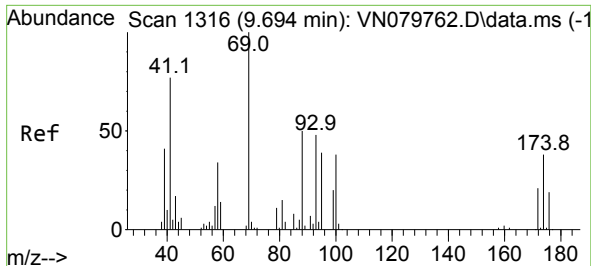
Tgt Ion: 83 Resp: 308040
Ion Ratio Lower Upper
83 100
85 63.5 49.6 74.4
127 7.5 7.0 10.6



#48
Methyl methacrylate
Concen: 54.039 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion: 41 Resp: 217418
Ion Ratio Lower Upper
41 100
69 86.1 90.4 135.6#
39 63.8 54.6 81.8





#49

1,4-Dioxane

Concen: 1019.724 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

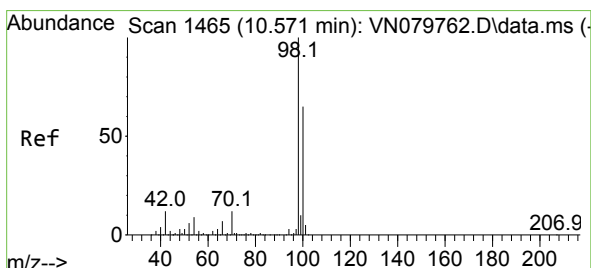
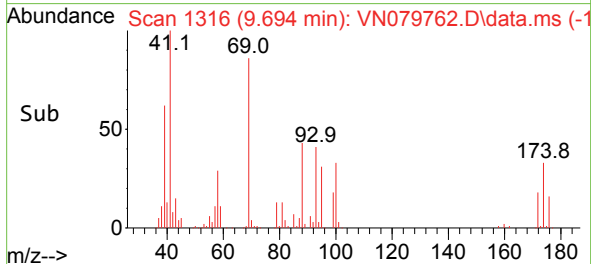
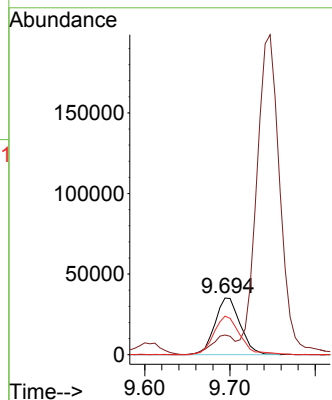
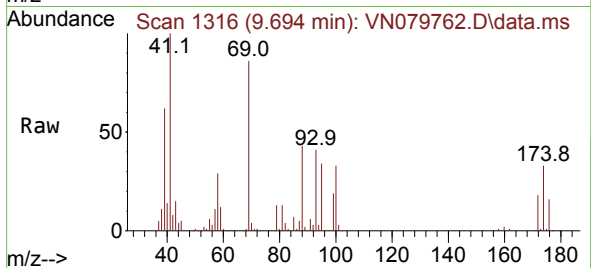
Tgt Ion: 88 Resp: 72494

Ion Ratio Lower Upper

88 100

43 30.0 17.0 25.6#

58 70.7 47.0 70.4#



#50

Toluene-d8

Concen: 52.125 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079762.D

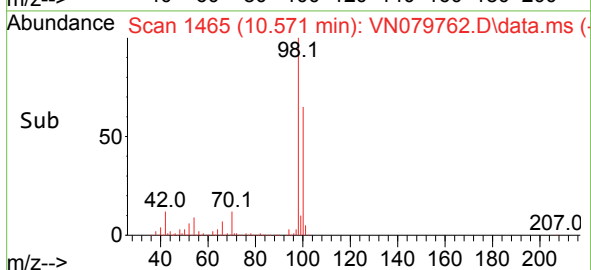
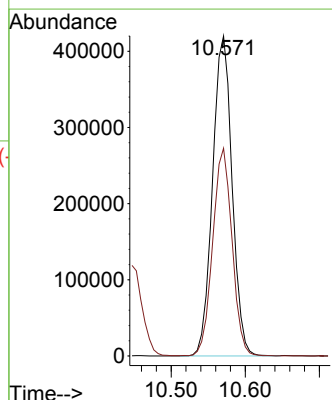
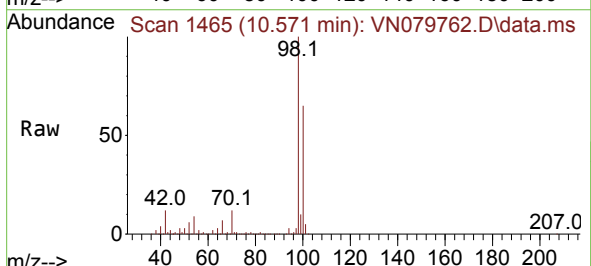
Acq: 01 Nov 2023 10:27

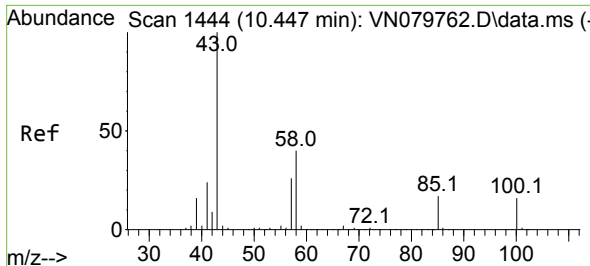
Tgt Ion: 98 Resp: 767532

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 261.445 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

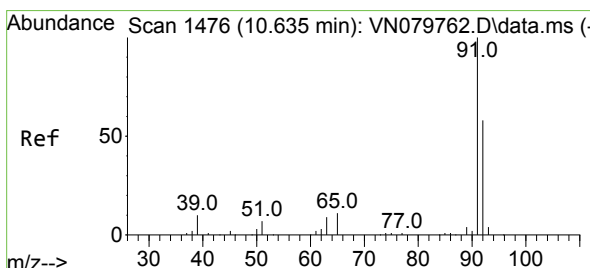
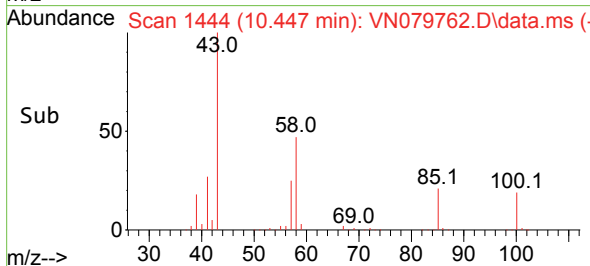
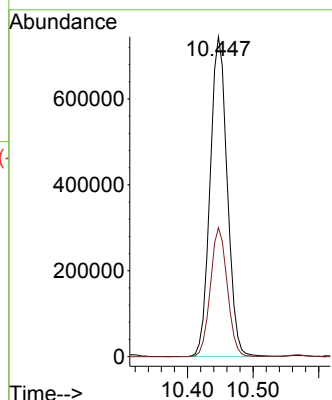
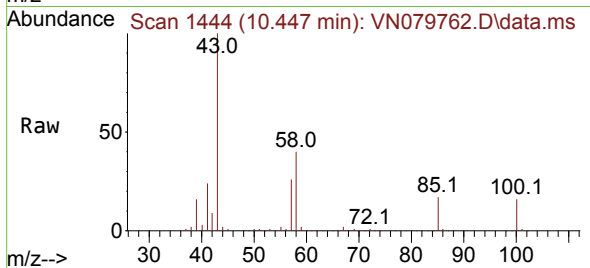
VSTDICCC050

Tgt Ion: 43 Resp: 1352011

Ion Ratio Lower Upper

43 100

58 39.7 36.6 54.8



#52

Toluene

Concen: 52.389 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079762.D

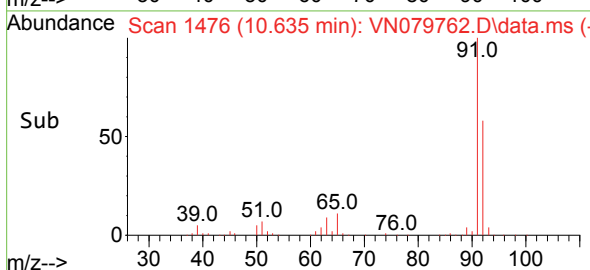
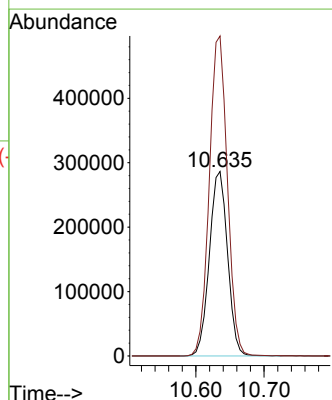
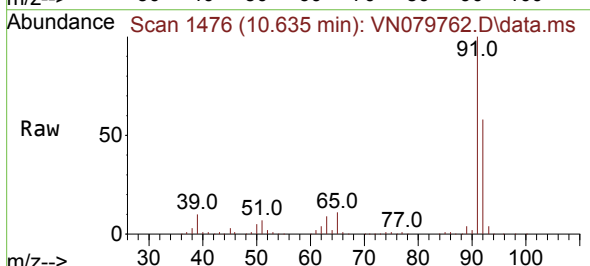
Acq: 01 Nov 2023 10:27

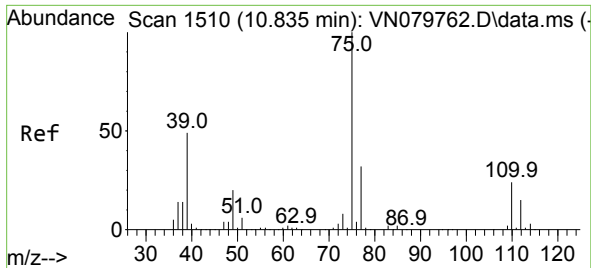
Tgt Ion: 92 Resp: 531267

Ion Ratio Lower Upper

92 100

91 172.5 137.4 206.0

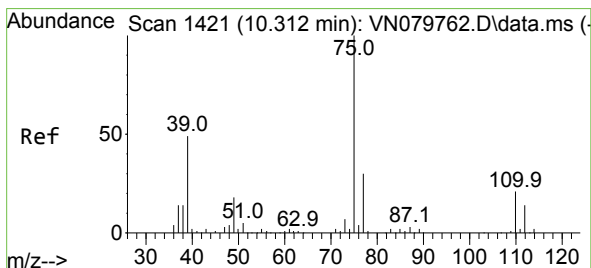
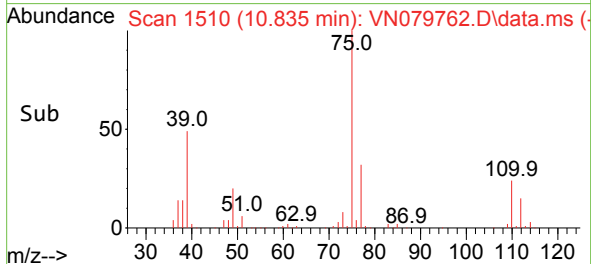
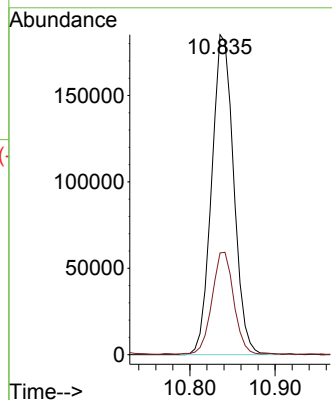
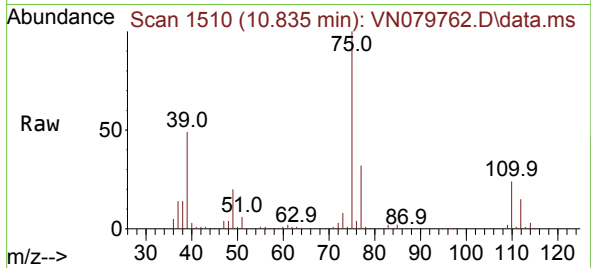




#53
 t-1,3-Dichloropropene
 Concen: 53.296 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN079762.D
 Acq: 01 Nov 2023 10:27

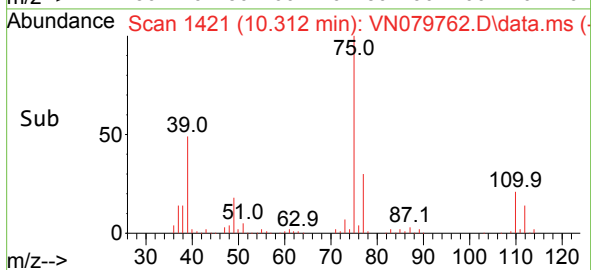
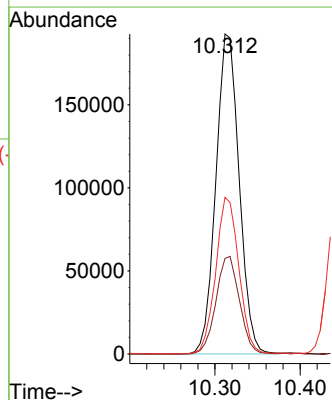
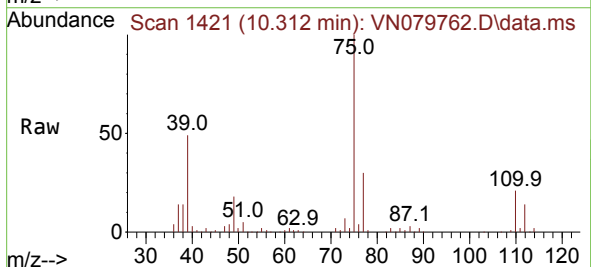
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

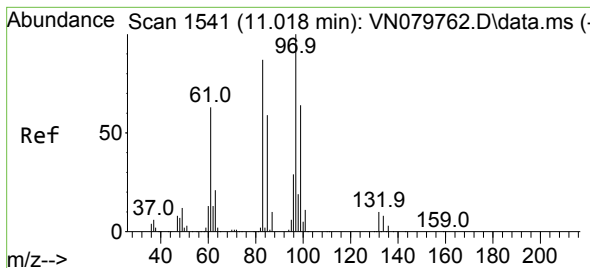
Tgt Ion: 75 Resp: 332595
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.769 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079762.D
 Acq: 01 Nov 2023 10:27

Tgt Ion: 75 Resp: 365735
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.1 39.1
 39 48.9 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 50.406 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 205597

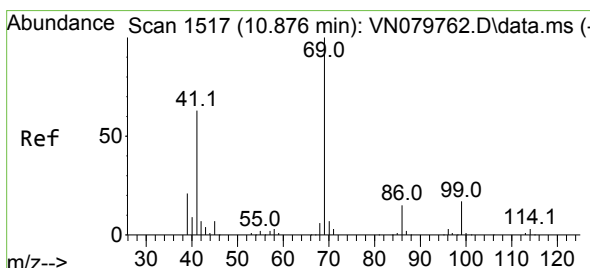
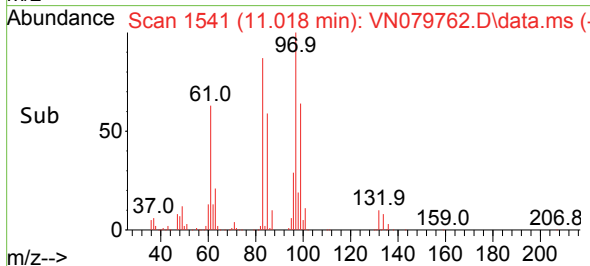
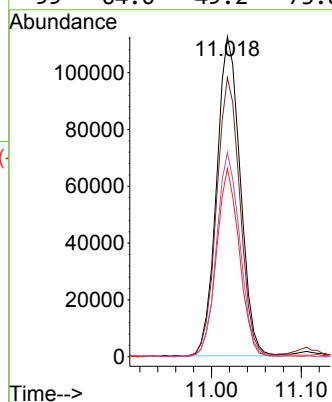
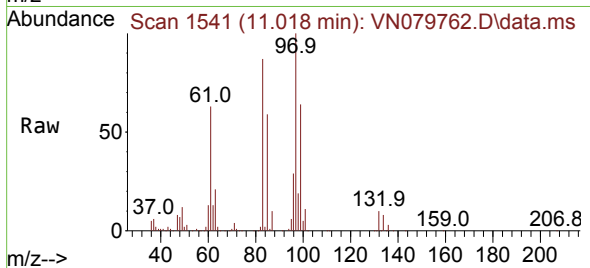
Ion Ratio Lower Upper

97 100

83 87.2 65.1 97.7

85 58.8 43.4 65.2

99 64.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 55.065 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

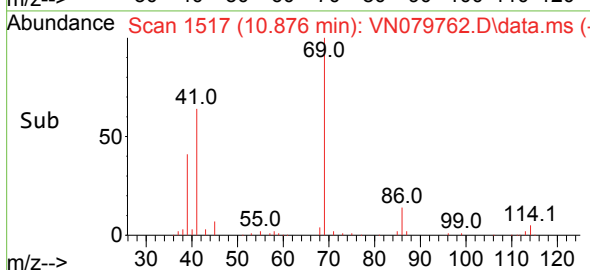
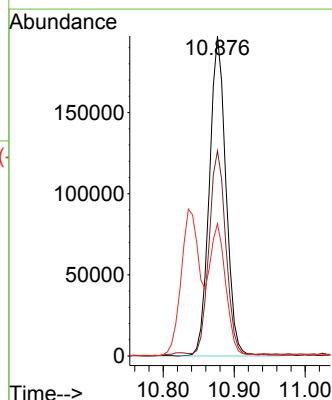
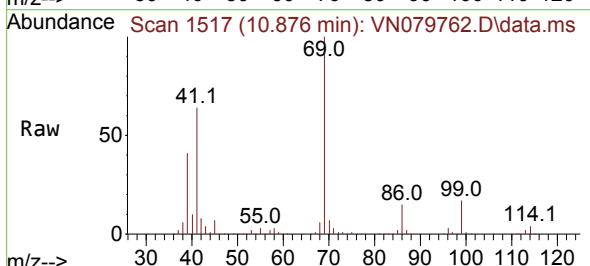
Tgt Ion: 69 Resp: 320372

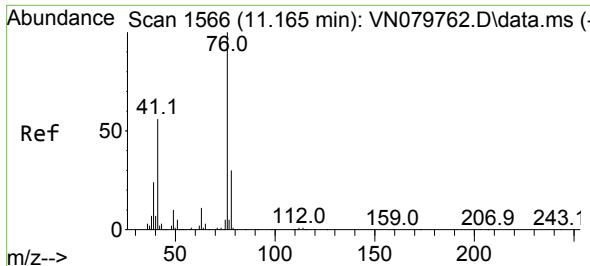
Ion Ratio Lower Upper

69 100

41 63.9 39.6 59.4#

39 38.8 28.6 43.0

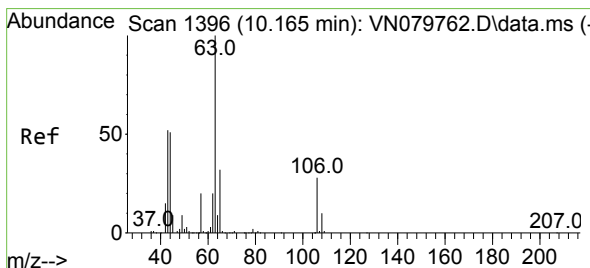
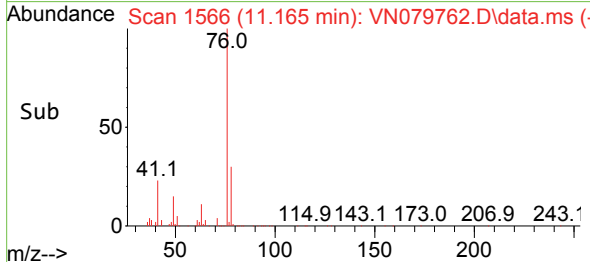
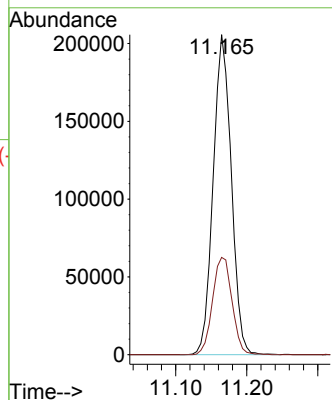
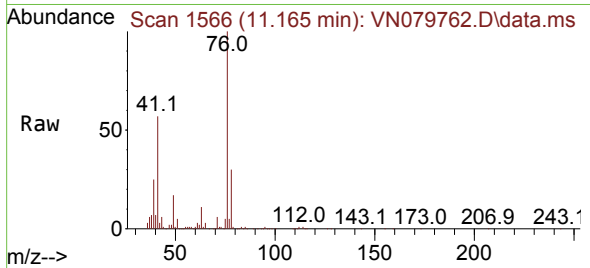




#57
1,3-Dichloropropane
Concen: 50.555 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

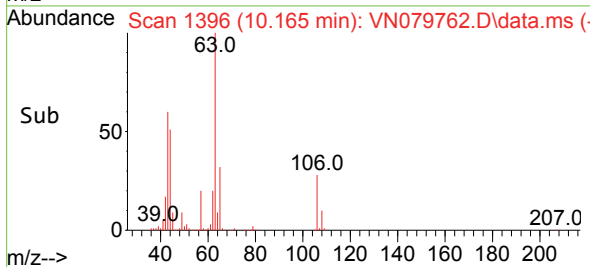
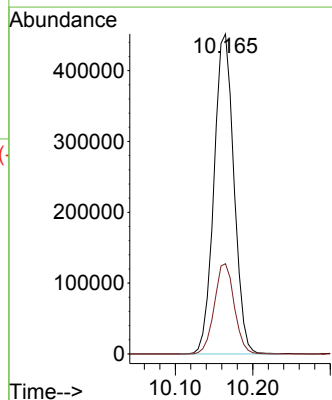
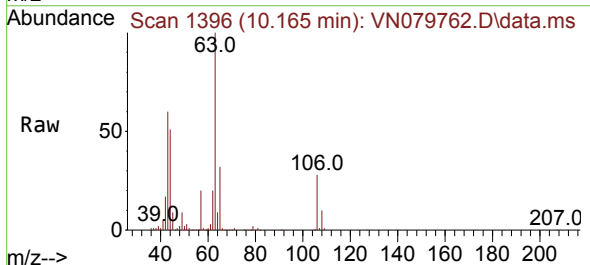
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

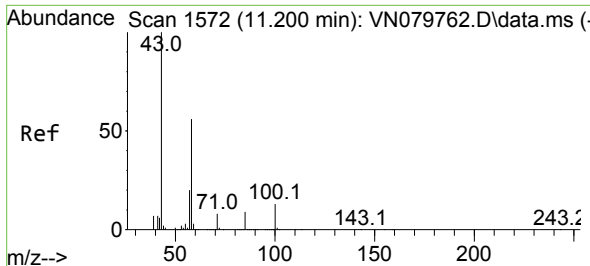
Tgt Ion: 76 Resp: 363472
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 273.276 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion: 63 Resp: 805834
Ion Ratio Lower Upper
63 100
106 28.2 26.2 39.4

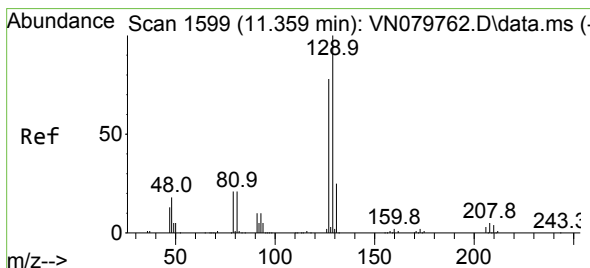
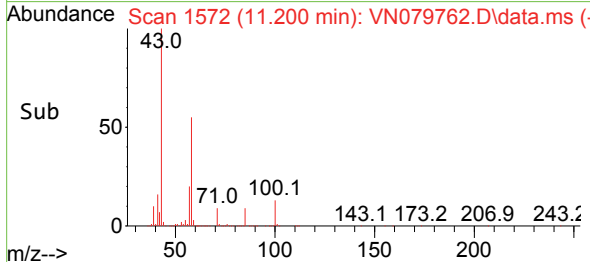
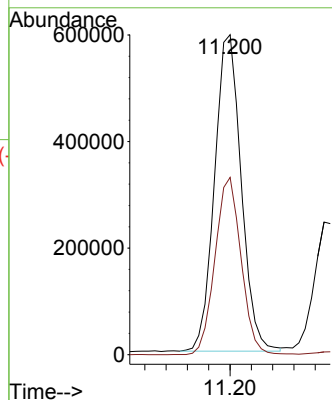
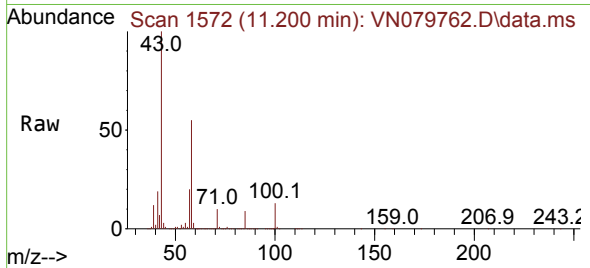




#59
2-Hexanone
Concen: 260.321 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

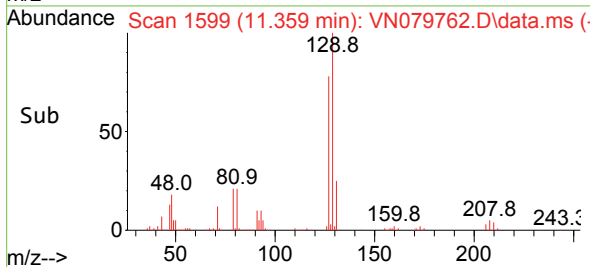
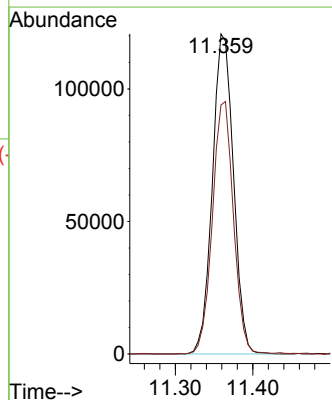
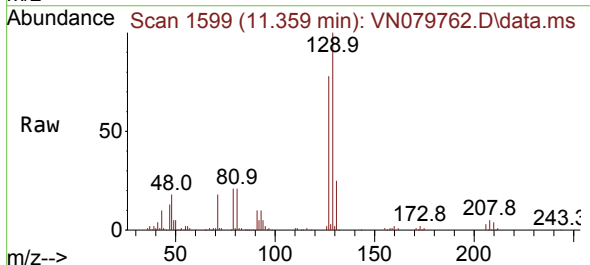
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

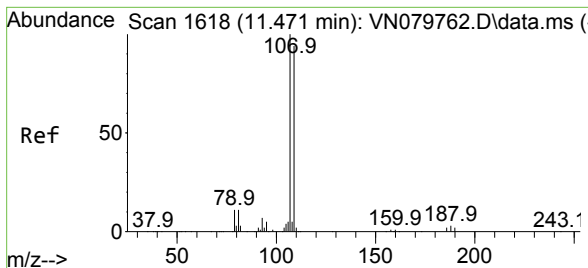
Tgt Ion: 43 Resp: 1029841
Ion Ratio Lower Upper
43 100
58 54.8 31.7 95.1



#60
Dibromochloromethane
Concen: 52.232 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion: 129 Resp: 228043
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0

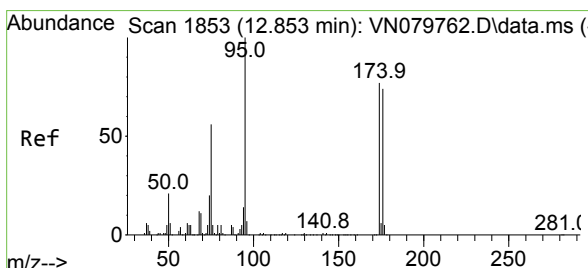
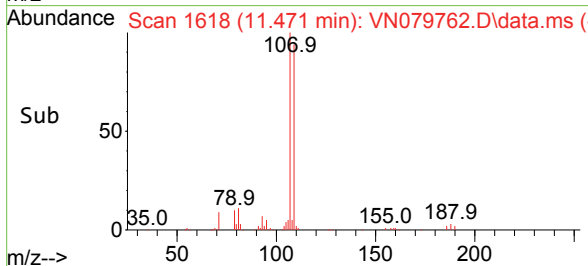
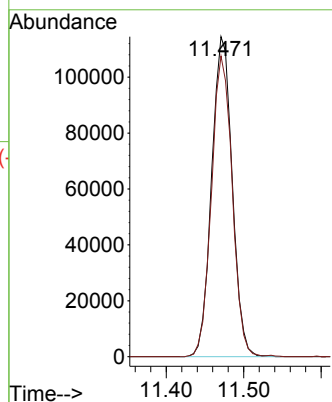
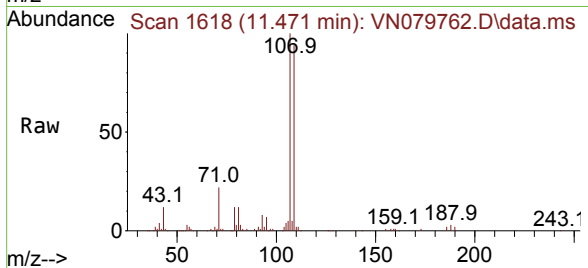




#61
1,2-Dibromoethane
Concen: 51.580 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

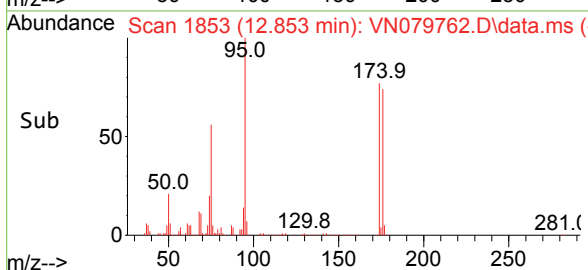
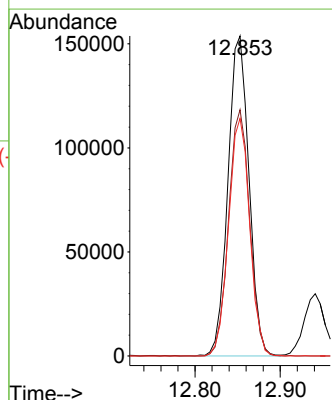
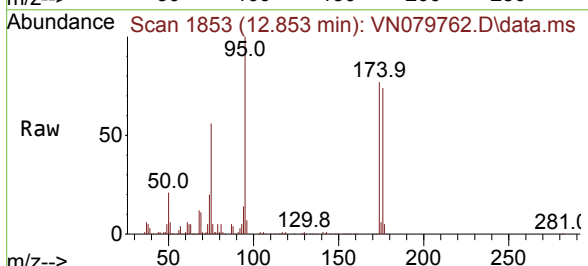
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

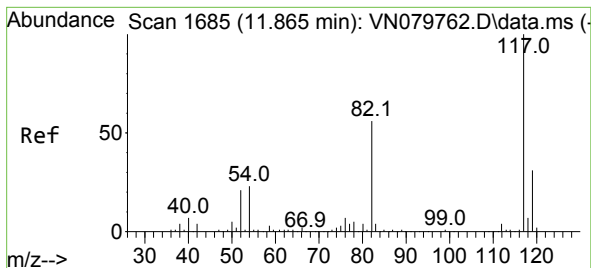
Tgt Ion:107 Resp: 211162
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 53.848 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion: 95 Resp: 262965
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 74.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

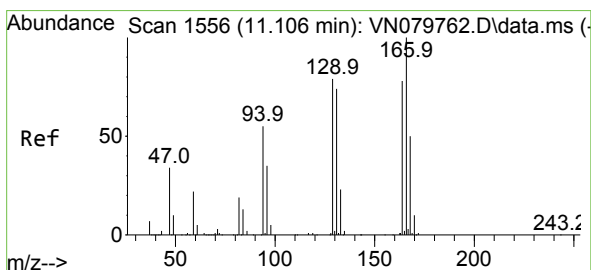
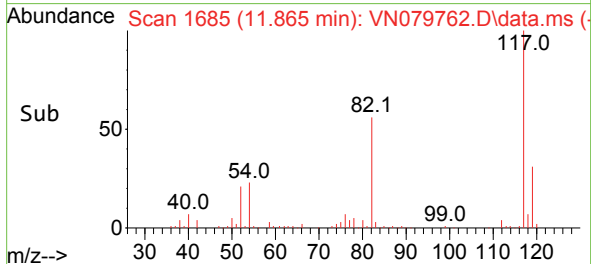
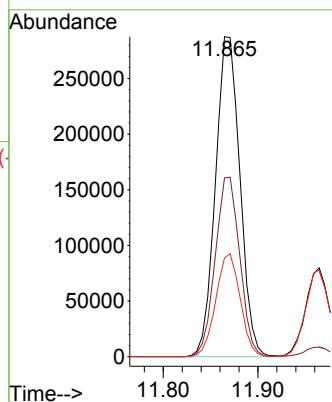
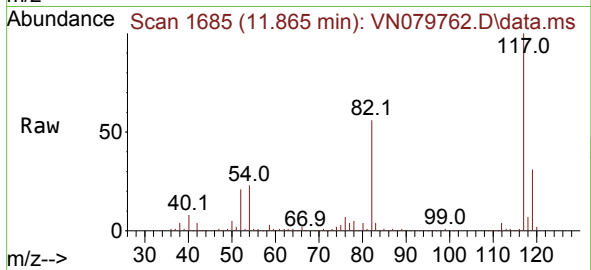
Tgt Ion:117 Resp: 517632

Ion Ratio Lower Upper

117 100

82 55.9 44.0 66.0

119 30.8 25.6 38.4



#64

Tetrachloroethene

Concen: 49.778 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Tgt Ion:164 Resp: 166879

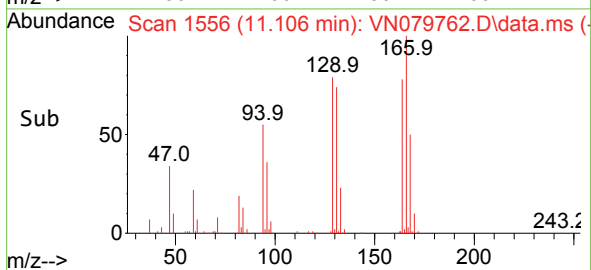
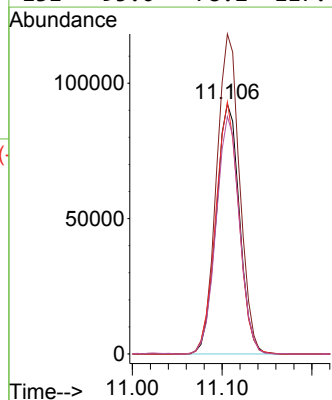
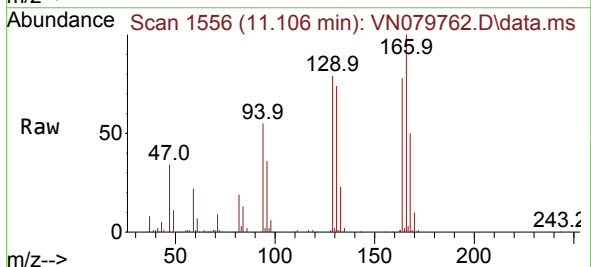
Ion Ratio Lower Upper

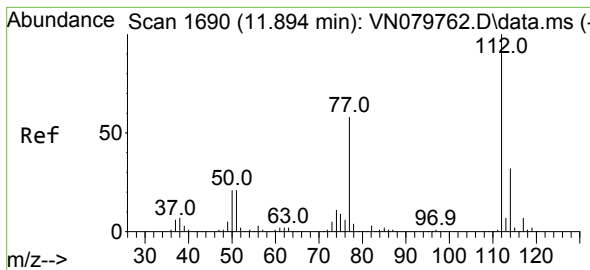
164 100

166 127.9 101.4 152.0

129 100.7 82.4 123.6

131 95.0 78.2 117.4

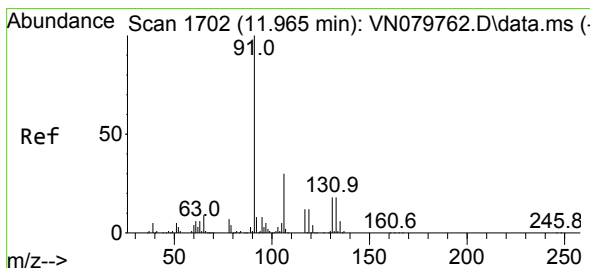
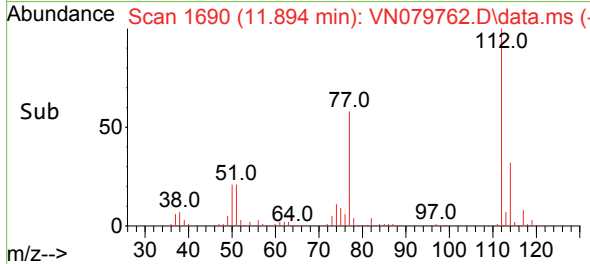
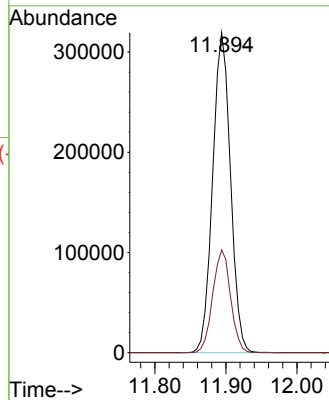
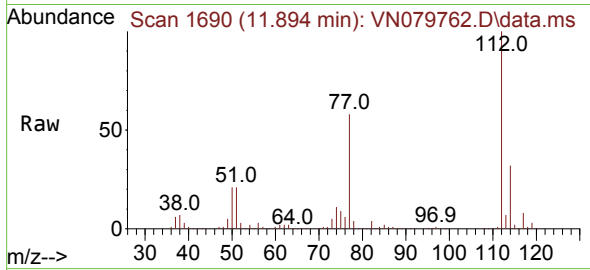




#65
Chlorobenzene
Concen: 49.496 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

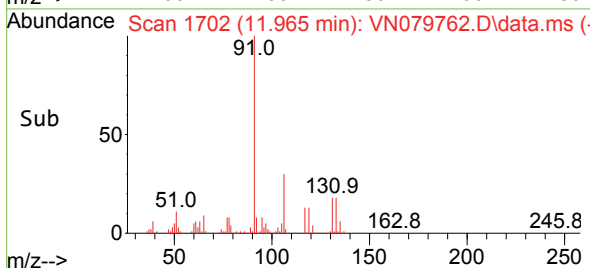
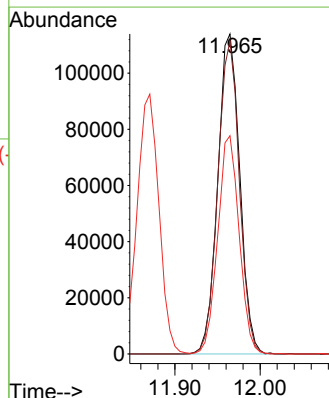
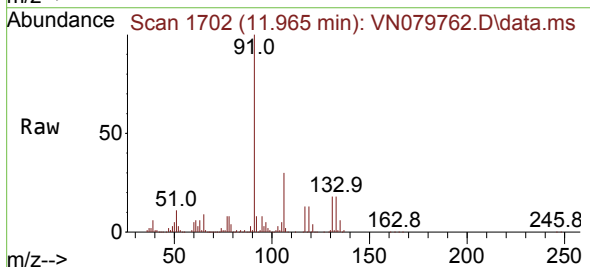
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

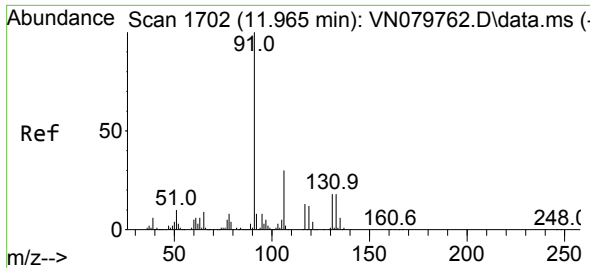
Tgt Ion:112 Resp: 555765
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.511 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion:131 Resp: 204341
Ion Ratio Lower Upper
131 100
133 95.8 46.4 139.1
119 66.7 34.1 102.2

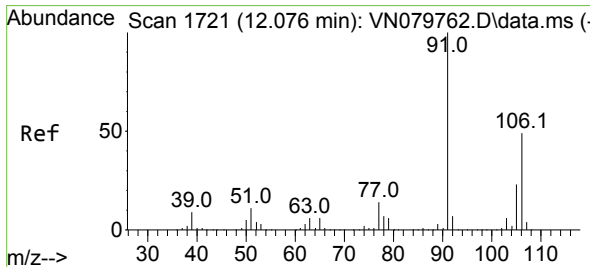
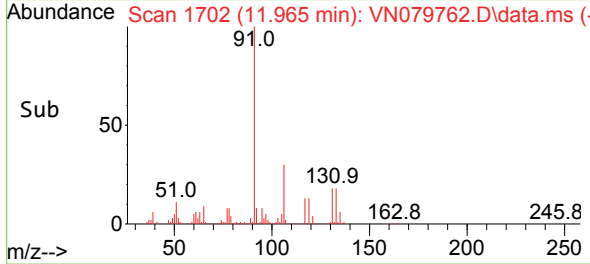
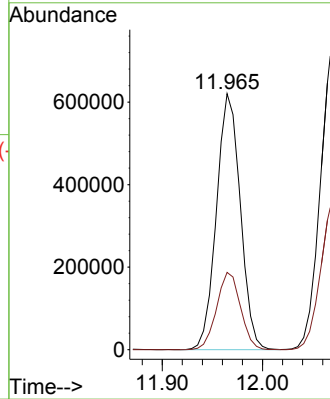
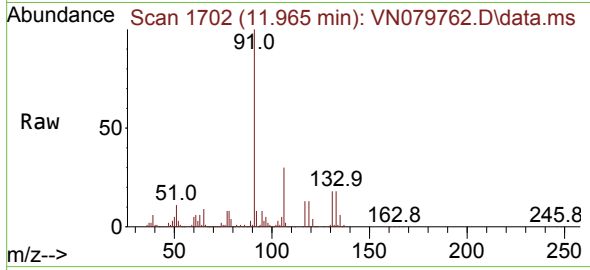




#67
Ethyl Benzene
Concen: 52.421 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

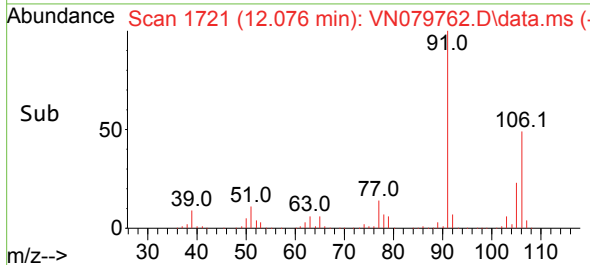
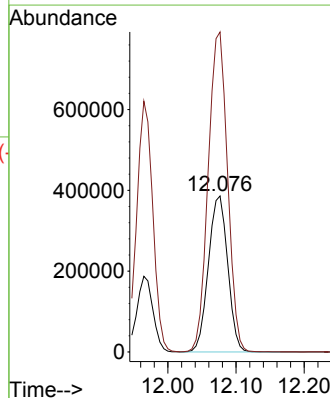
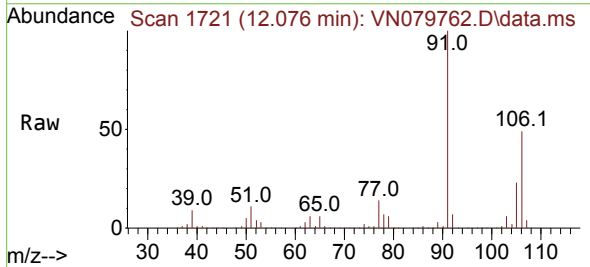
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

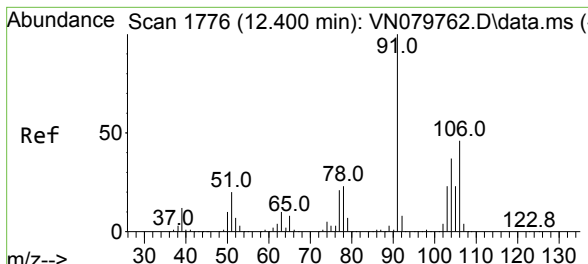
Tgt Ion: 91 Resp: 1025501
Ion Ratio Lower Upper
91 100
106 30.2 25.6 38.4



#68
m/p-Xylenes
Concen: 104.426 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion:106 Resp: 761004
Ion Ratio Lower Upper
106 100
91 205.2 159.6 239.4

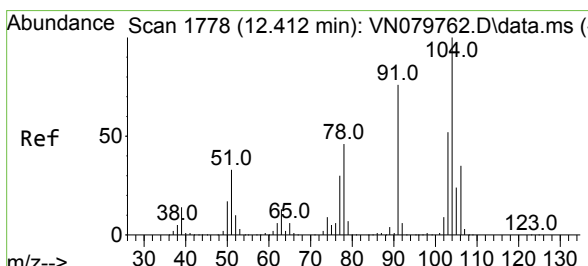
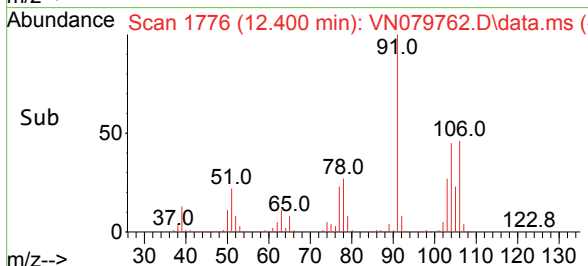
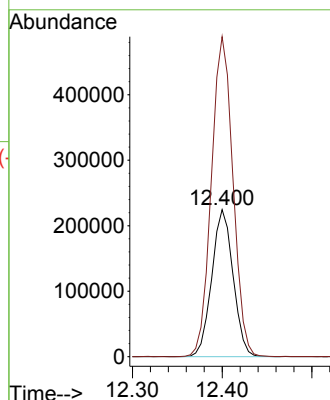
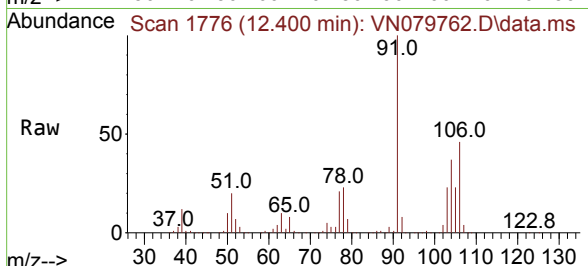




#69
o-Xylene
Concen: 52.786 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

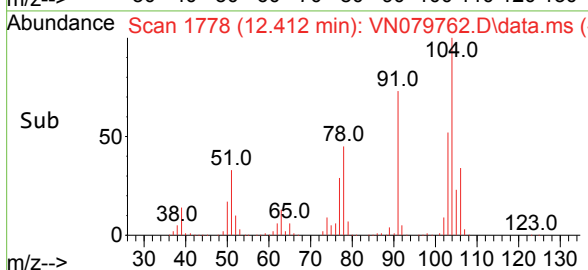
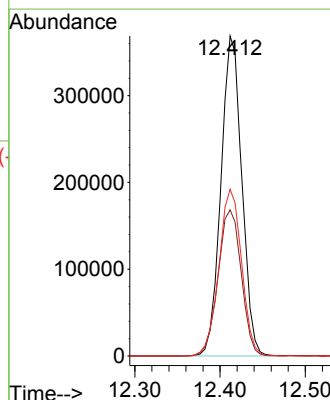
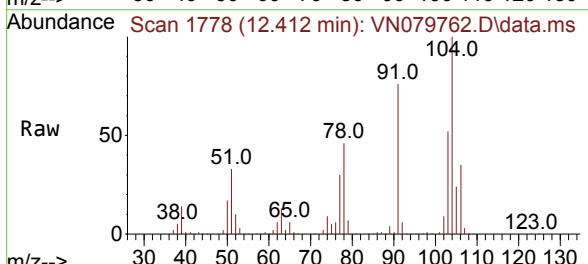
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

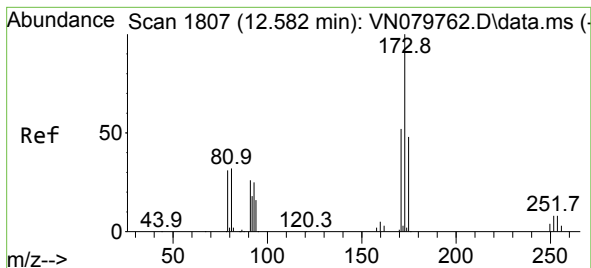
Tgt Ion:106 Resp: 370420
Ion Ratio Lower Upper
106 100
91 220.5 105.2 315.5



#70
Styrene
Concen: 55.646 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion:104 Resp: 627556
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 56.4 43.2 64.8





#71

Bromoform

Concen: 54.215 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

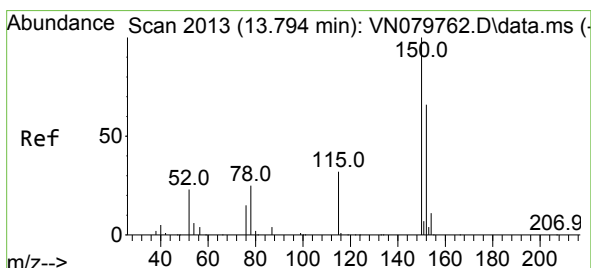
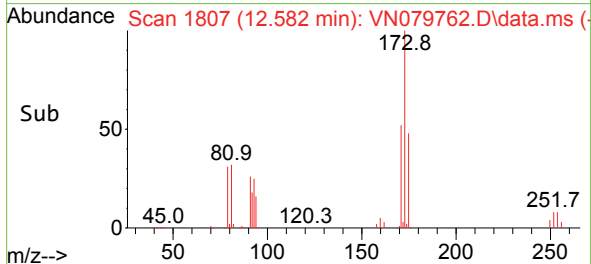
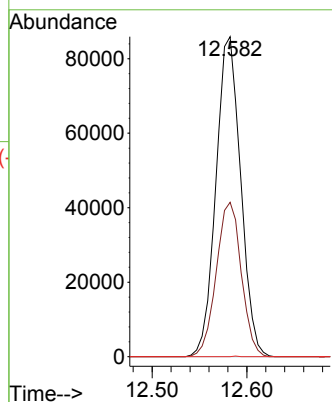
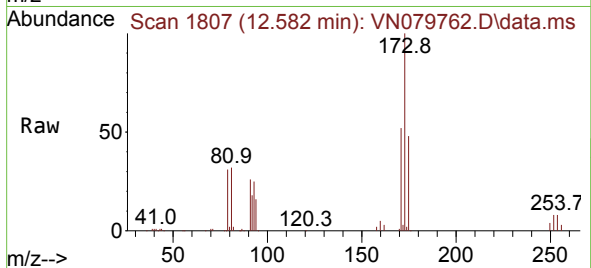
Tgt Ion:173 Resp: 155739

Ion Ratio Lower Upper

173 100

175 48.9 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: VN079762.D

Acq: 01 Nov 2023 10:27

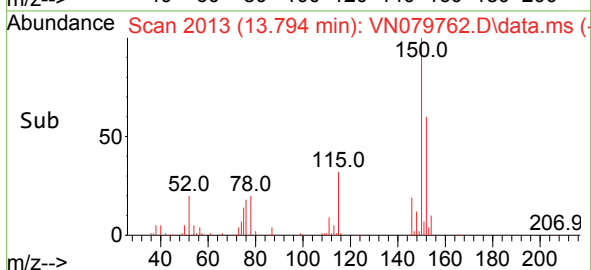
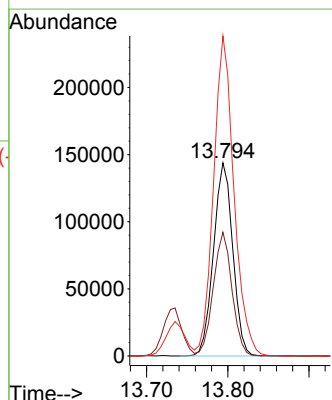
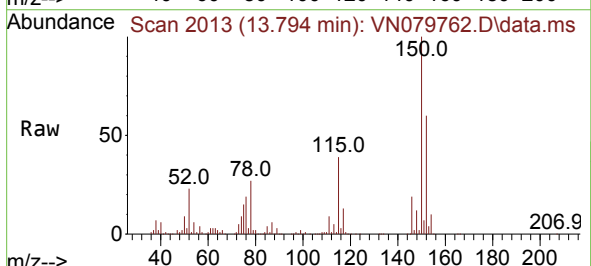
Tgt Ion:152 Resp: 237114

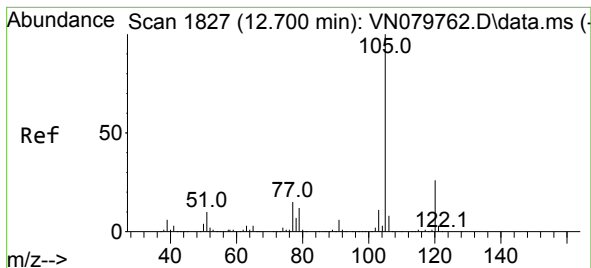
Ion Ratio Lower Upper

152 100

115 62.4 32.3 96.8

150 175.6 0.0 355.8





#73

Isopropylbenzene

Concen: 51.807 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

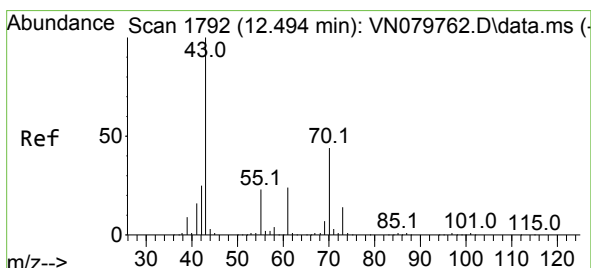
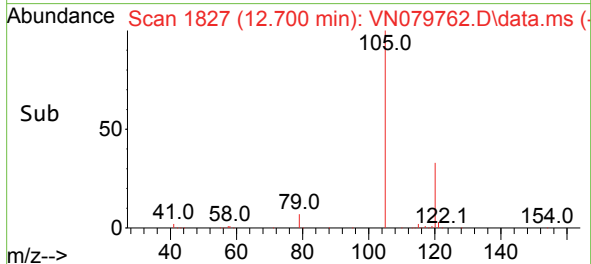
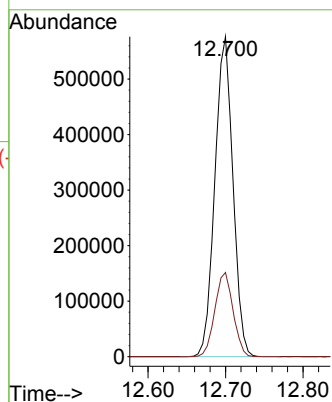
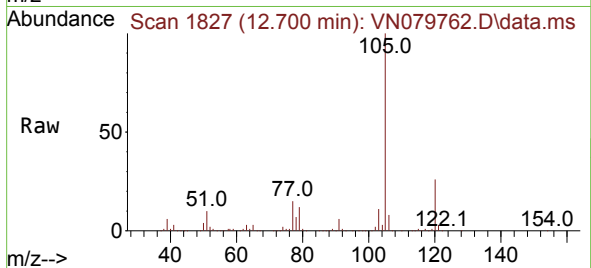
VSTDICCC050

Tgt Ion:105 Resp: 932288

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.1



#74

N-ethyl acetate

Concen: 52.305 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Tgt Ion: 43 Resp: 410848

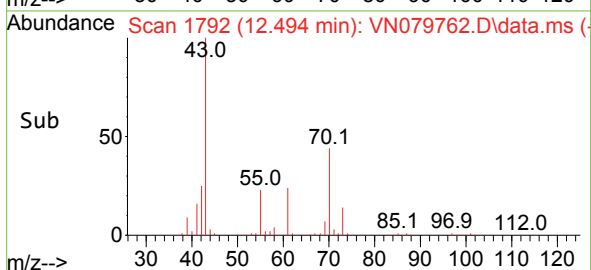
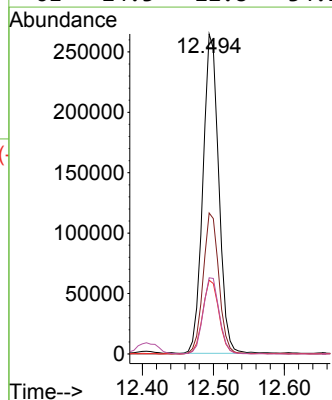
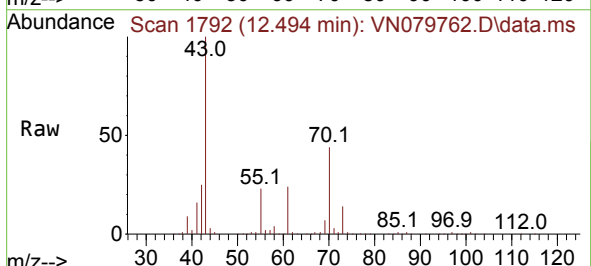
Ion Ratio Lower Upper

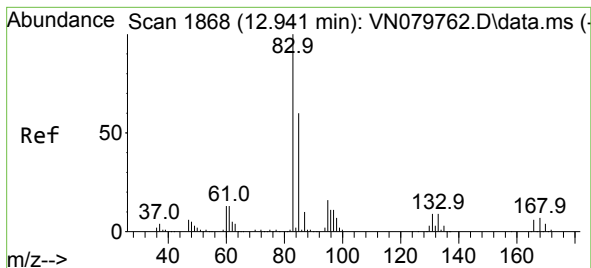
43 100

70 43.9 43.4 65.2

55 24.1 21.4 32.0

61 24.3 22.8 34.2

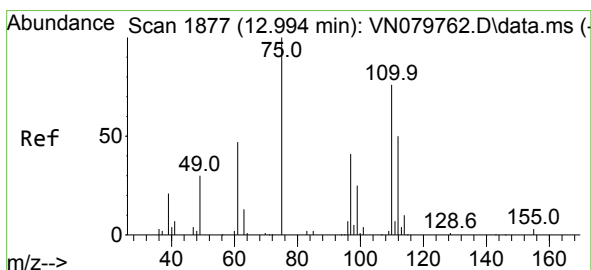
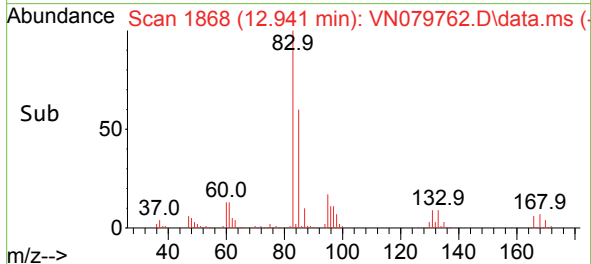
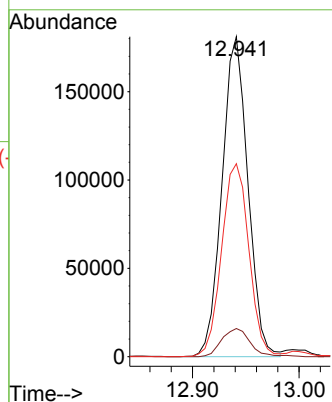
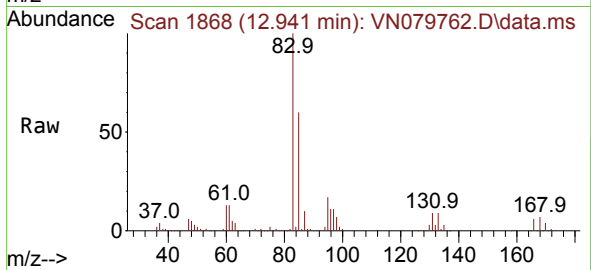




#75
1,1,2,2-Tetrachloroethane
Concen: 47.935 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

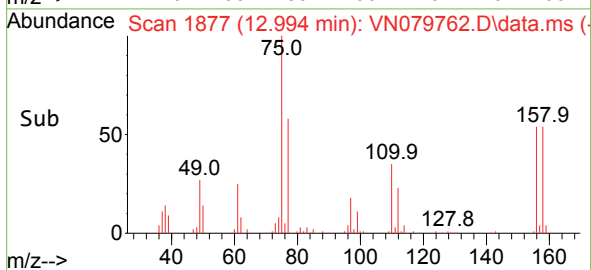
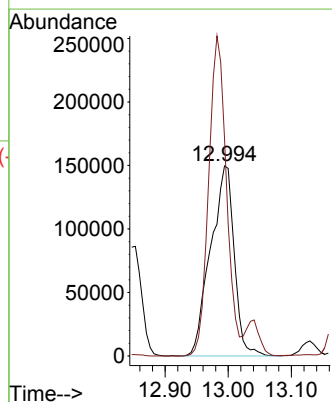
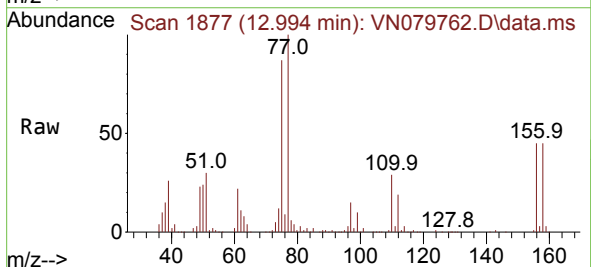
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

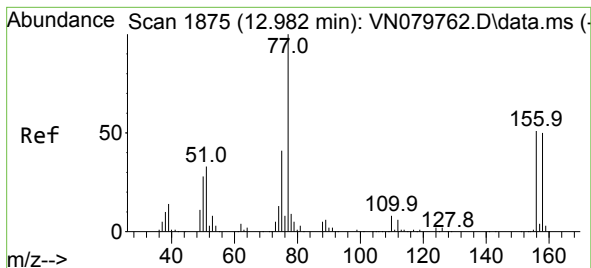
Tgt Ion: 83 Resp: 305847
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 63.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 69.889 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion: 75 Resp: 388553
Ion Ratio Lower Upper
75 100
77 127.4 84.5 253.5





#77

Bromobenzene

Concen: 50.064 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

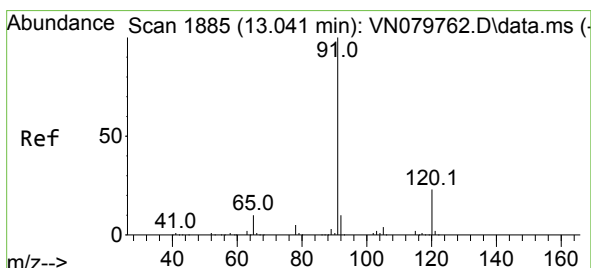
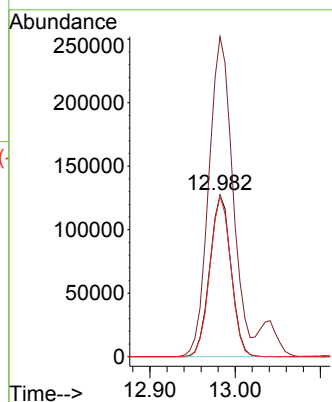
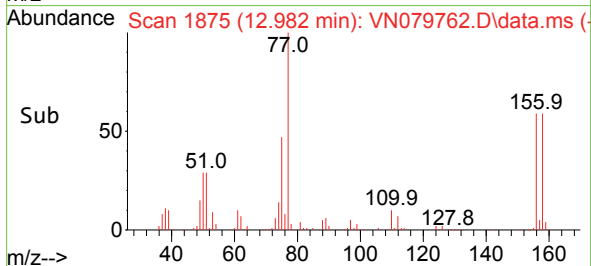
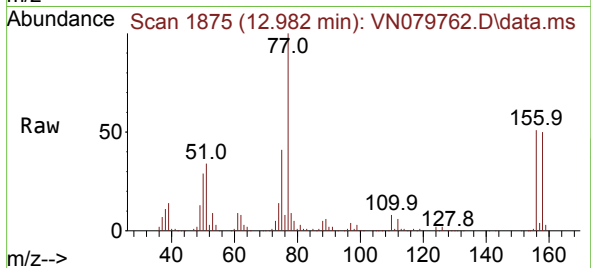
Tgt Ion:156 Resp: 220572

Ion Ratio Lower Upper

156 100

77 224.5 107.7 323.3

158 97.7 48.4 145.3



#78

n-propylbenzene

Concen: 53.633 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079762.D

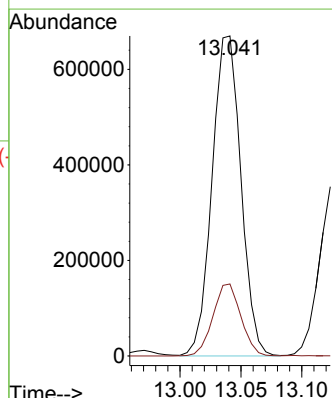
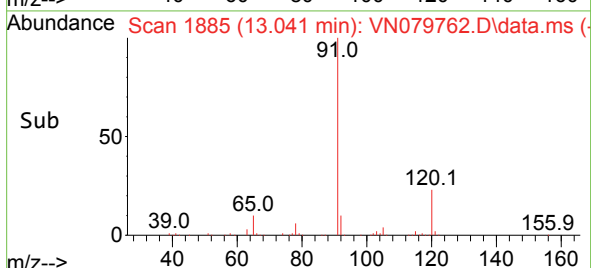
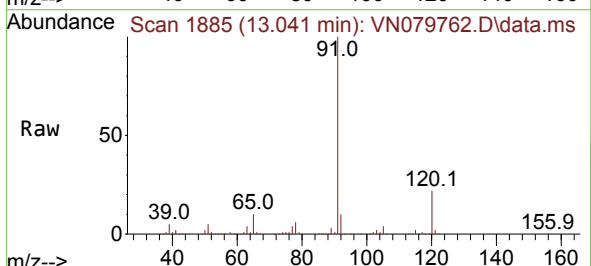
Acq: 01 Nov 2023 10:27

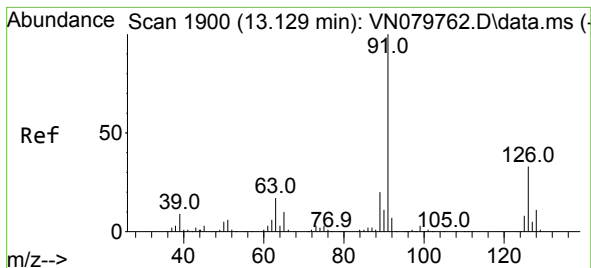
Tgt Ion: 91 Resp: 1105242

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4

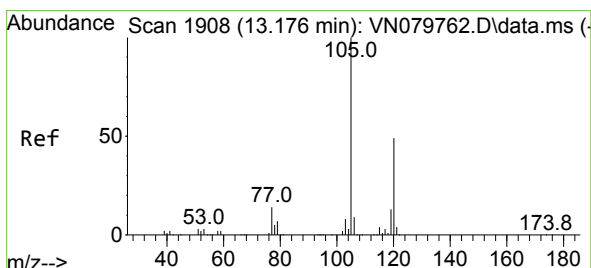
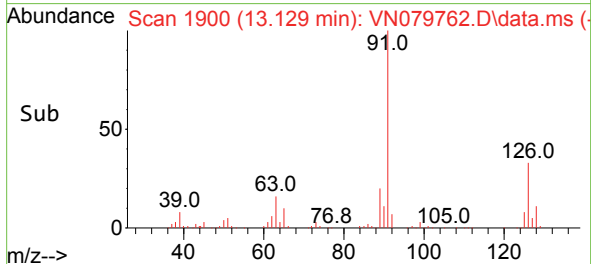
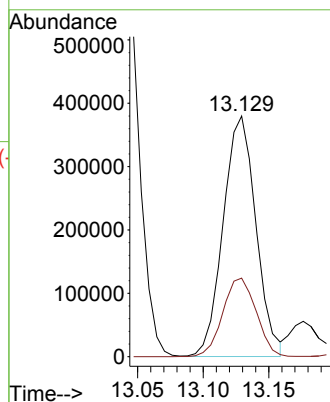
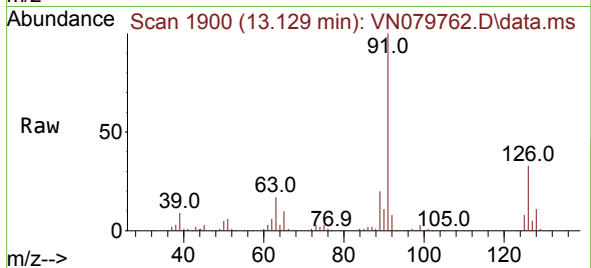




#79
2-Chlorotoluene
Concen: 50.143 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

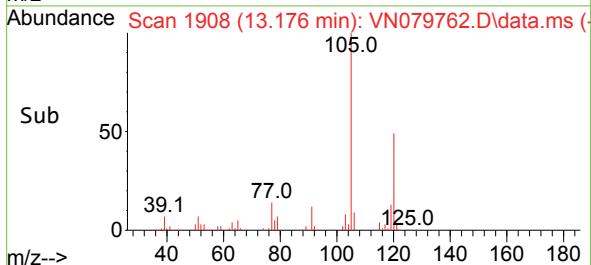
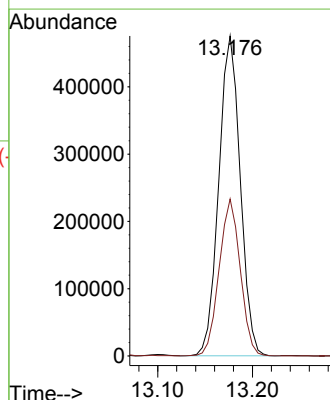
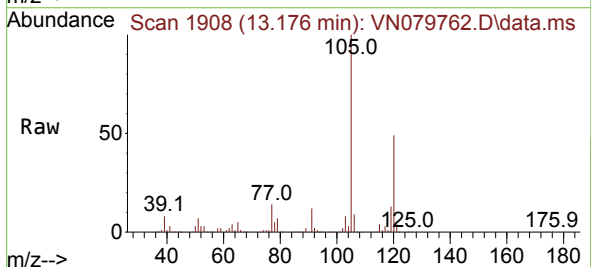
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

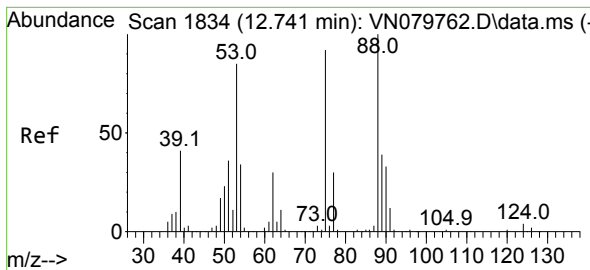
Tgt Ion: 91 Resp: 660119
Ion Ratio Lower Upper
91 100
126 33.3 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 53.569 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion: 105 Resp: 750019
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3

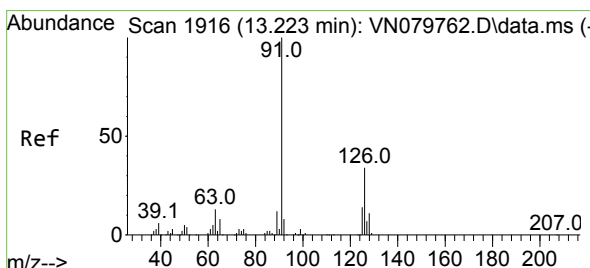
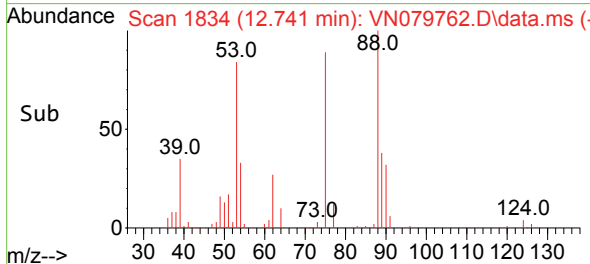
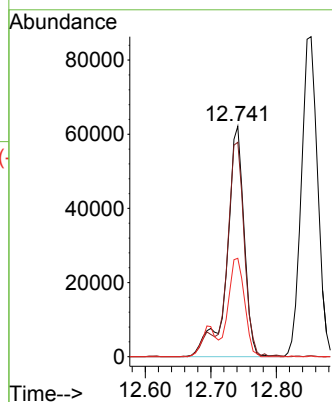
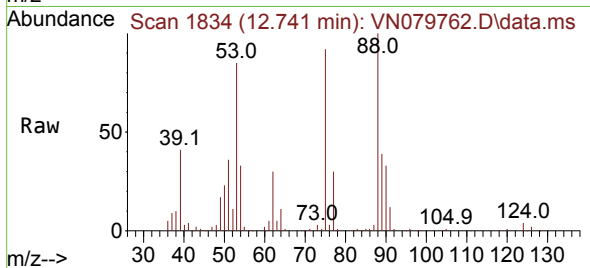




#81
trans-1,4-Dichloro-2-butene
Concen: 55.484 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

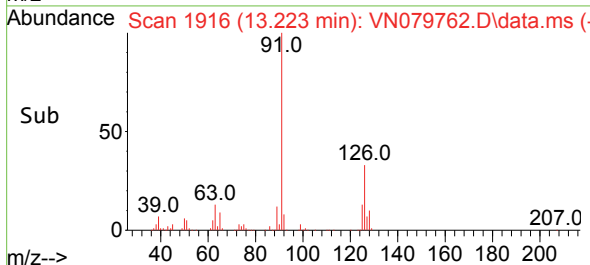
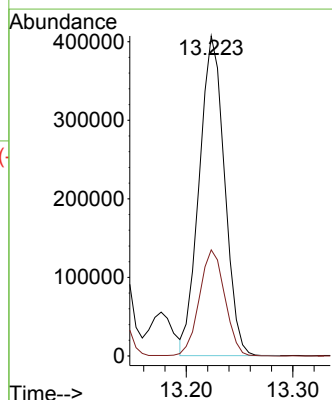
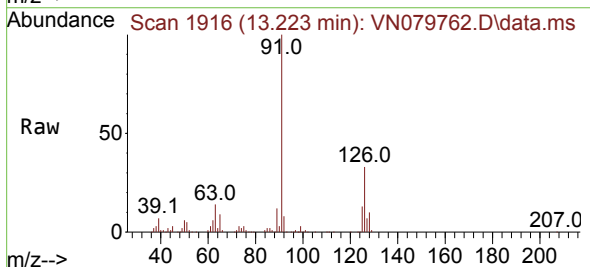
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

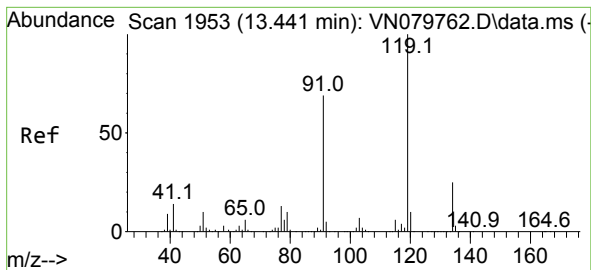
Tgt Ion: 75 Resp: 113521
Ion Ratio Lower Upper
75 100
53 87.1 67.4 101.2
89 40.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 51.377 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079762.D
Acq: 01 Nov 2023 10:27

Tgt Ion: 91 Resp: 672112
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0





#83

tert-Butylbenzene

Concen: 54.040 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

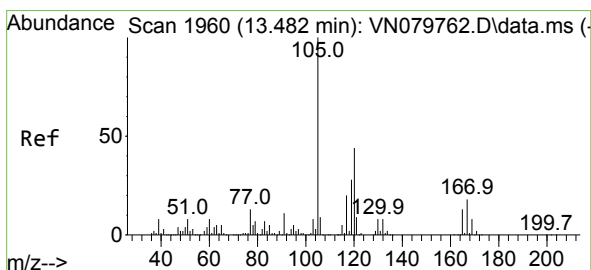
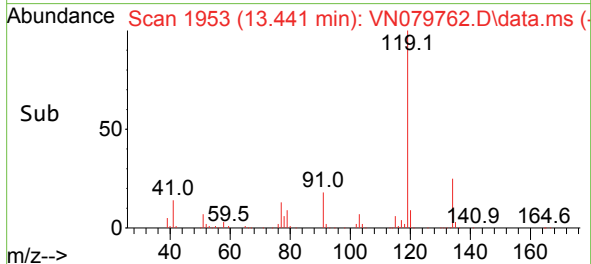
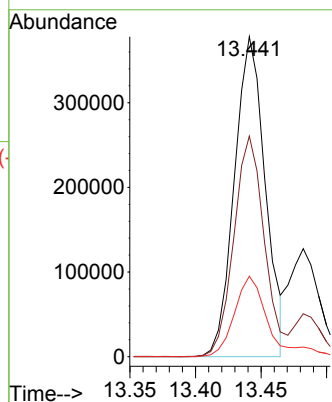
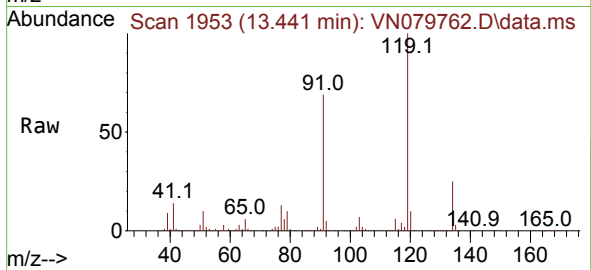
Tgt Ion:119 Resp: 619331

Ion Ratio Lower Upper

119 100

91 68.5 33.9 101.7

134 27.5 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 55.097 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN079762.D

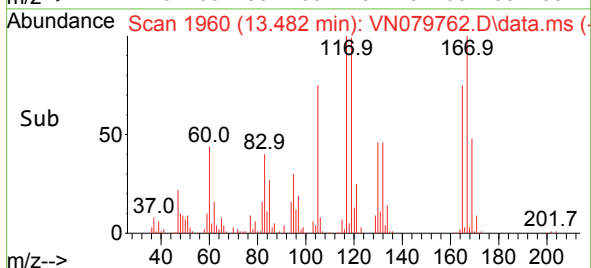
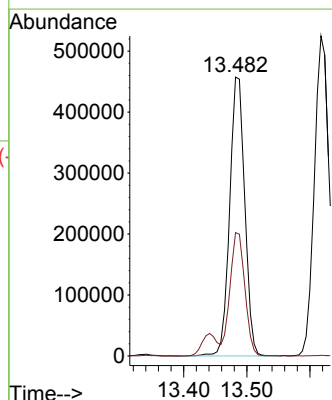
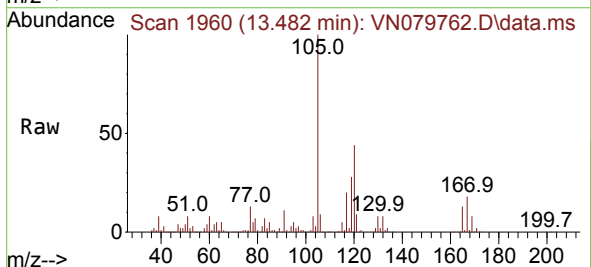
Acq: 01 Nov 2023 10:27

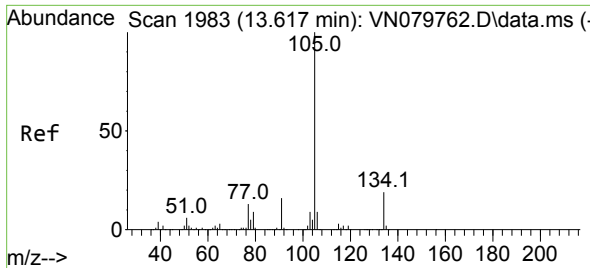
Tgt Ion:105 Resp: 758971

Ion Ratio Lower Upper

105 100

120 43.5 22.0 66.0

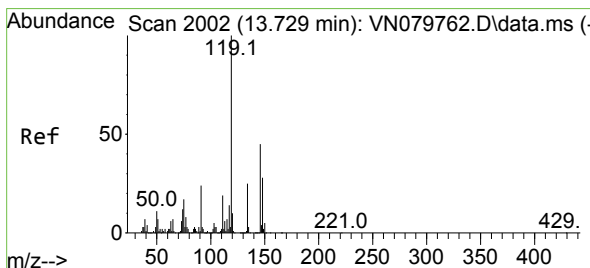
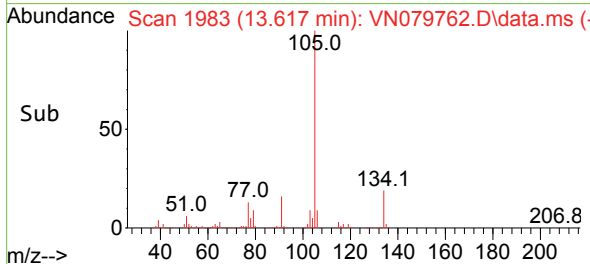
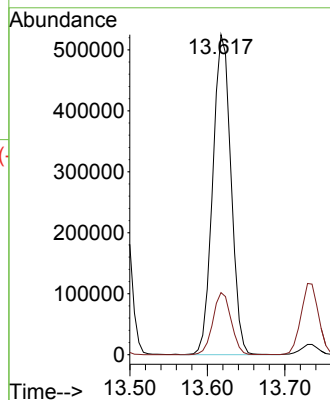
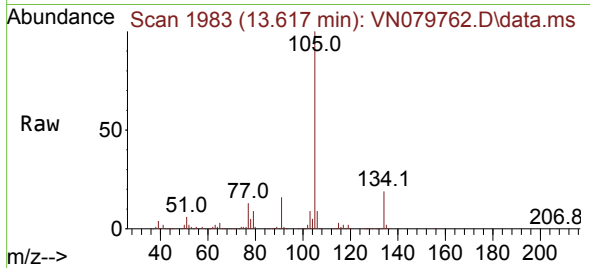




#85
 sec-Butylbenzene
 Concen: 54.023 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079762.D
 Acq: 01 Nov 2023 10:27

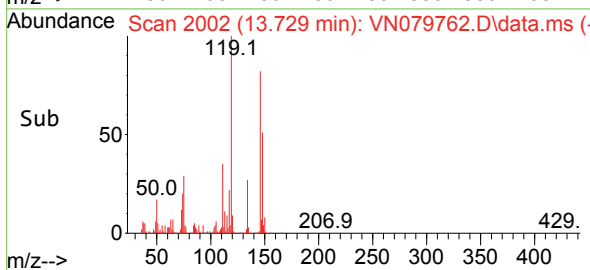
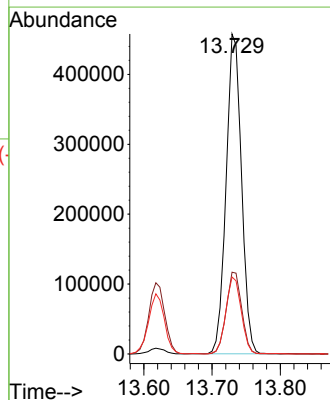
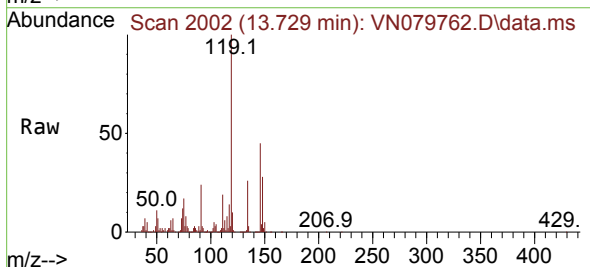
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

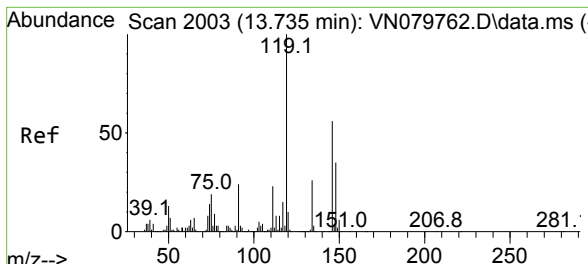
Tgt Ion:105 Resp: 857783
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 55.537 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079762.D
 Acq: 01 Nov 2023 10:27

Tgt Ion:119 Resp: 718953
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.2 12.4 37.2



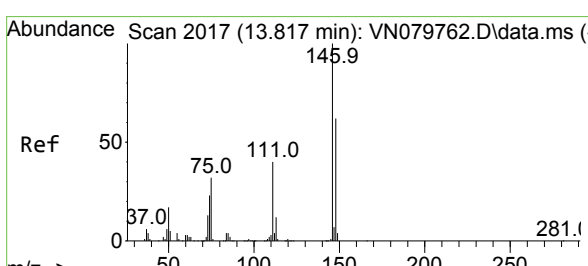
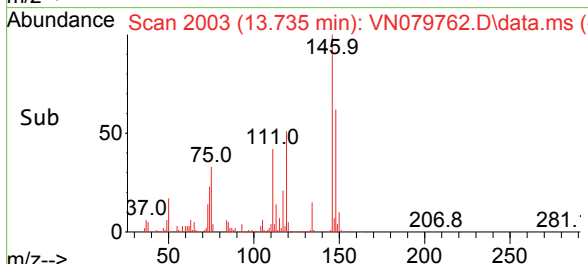
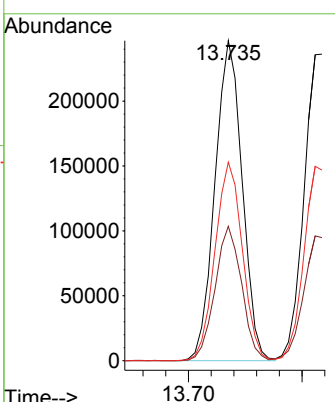
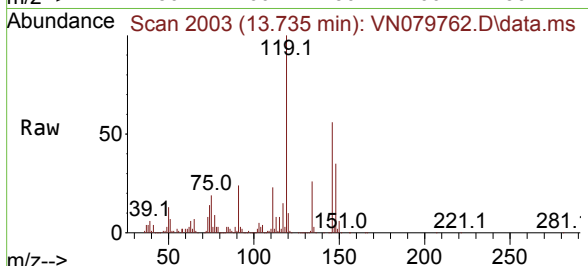


#87
 1,3-Dichlorobenzene
 Concen: 50.062 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079762.D
 Acq: 01 Nov 2023 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 410310

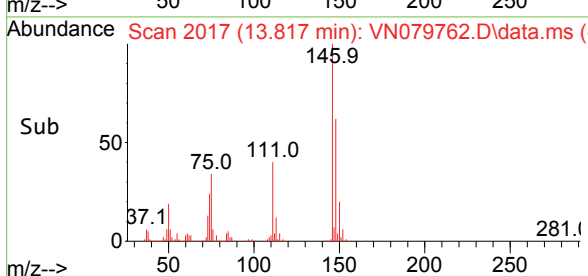
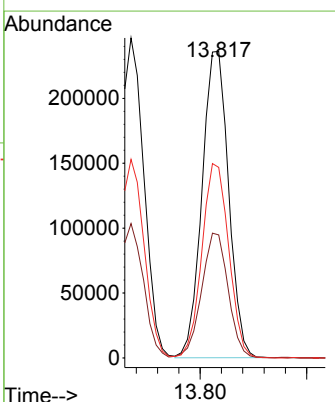
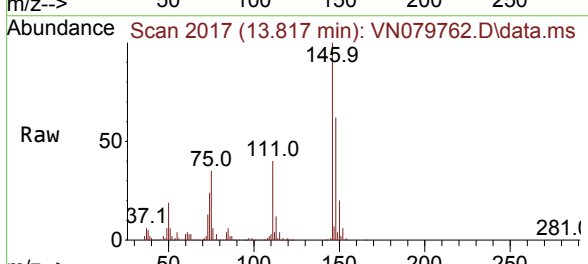
Ion	Ratio	Lower	Upper
146	100		
111	41.0	22.1	66.3
148	62.4	32.0	96.0

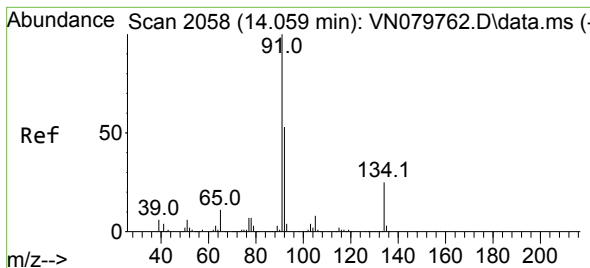


#88
 1,4-Dichlorobenzene
 Concen: 49.106 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079762.D
 Acq: 01 Nov 2023 10:27

Tgt Ion:146 Resp: 408520

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	64.1	31.6	94.8





#89

n-Butylbenzene

Concen: 55.388 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

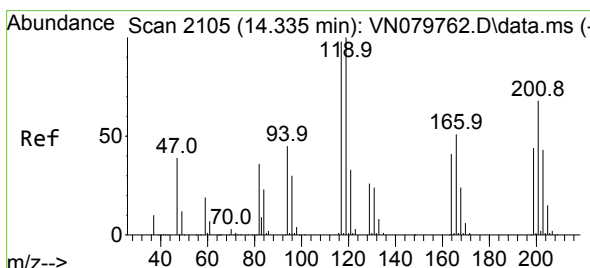
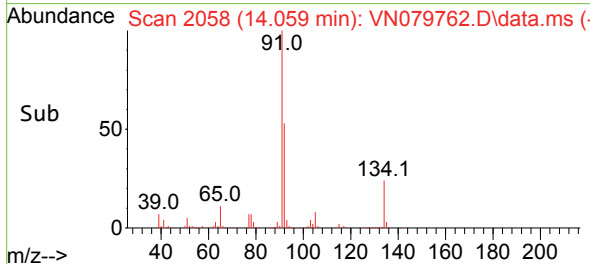
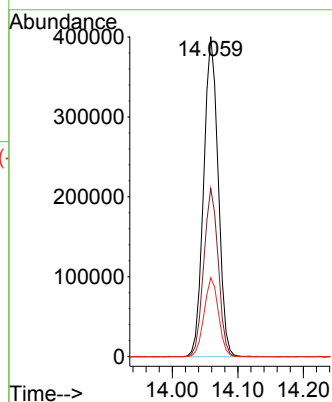
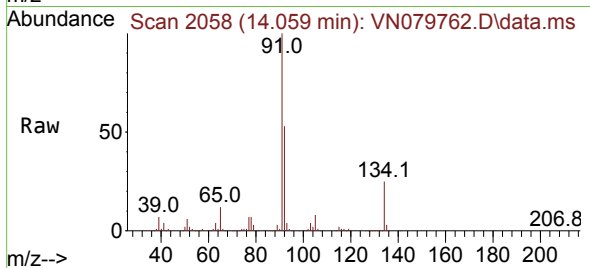
Tgt Ion: 91 Resp: 617572

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.0

134 24.5 12.6 37.6



#90

Hexachloroethane

Concen: 48.188 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079762.D

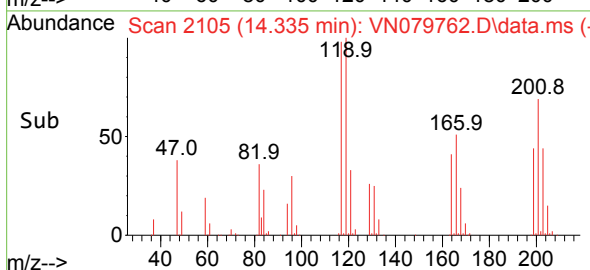
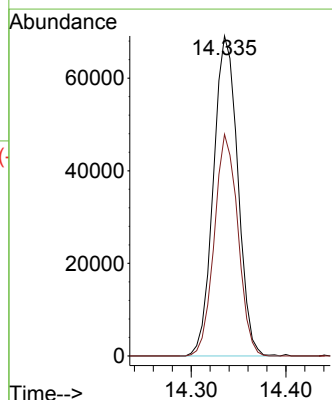
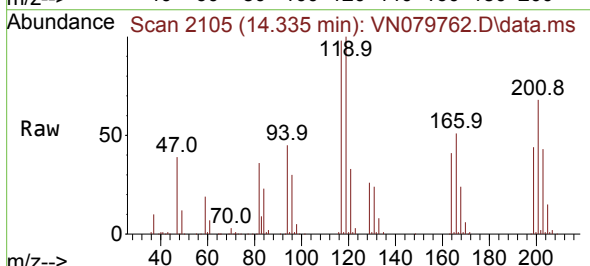
Acq: 01 Nov 2023 10:27

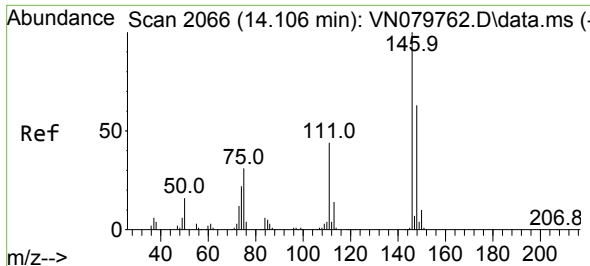
Tgt Ion: 117 Resp: 123543

Ion Ratio Lower Upper

117 100

201 67.1 29.3 88.0

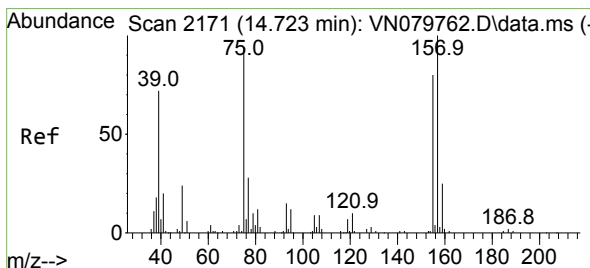
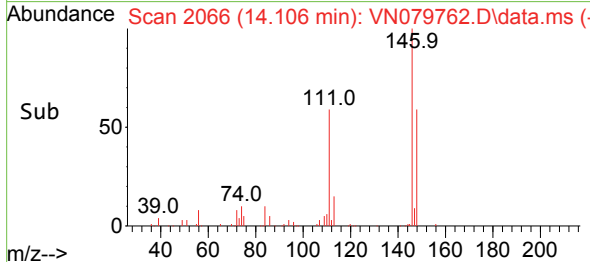
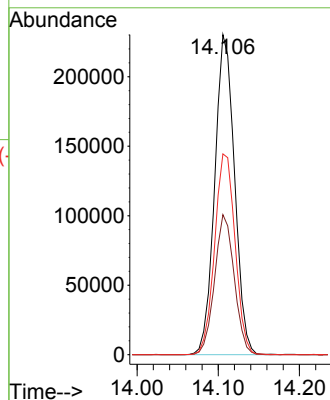
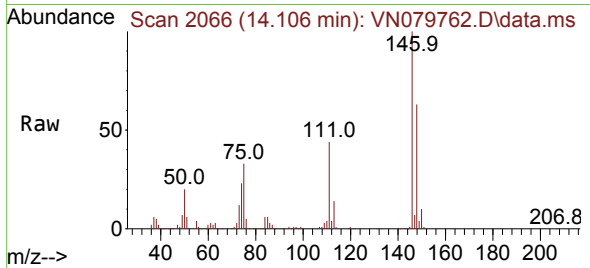




#91
 1,2-Dichlorobenzene
 Concen: 50.580 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN079762.D
 Acq: 01 Nov 2023 10:27

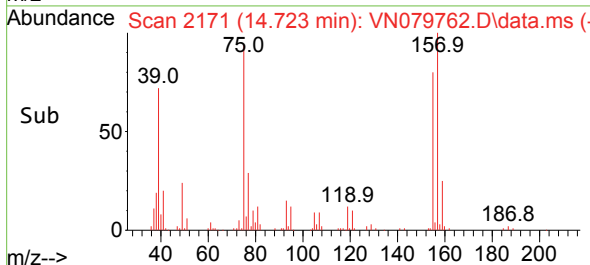
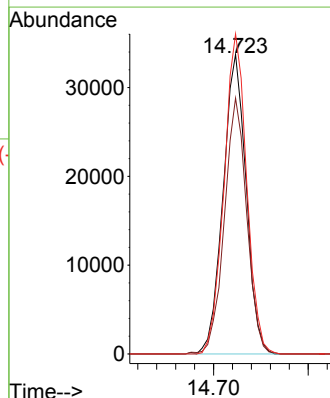
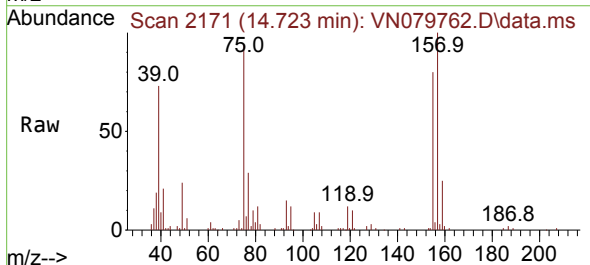
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

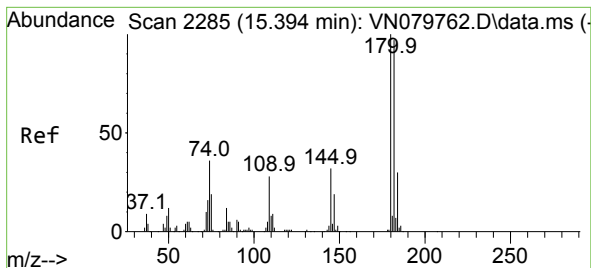
Tgt Ion:146 Resp: 391343
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.0 66.0
 148 64.8 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.684 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN079762.D
 Acq: 01 Nov 2023 10:27

Tgt Ion: 75 Resp: 57005
 Ion Ratio Lower Upper
 75 100
 155 82.9 39.1 117.2
 157 104.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 53.586 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

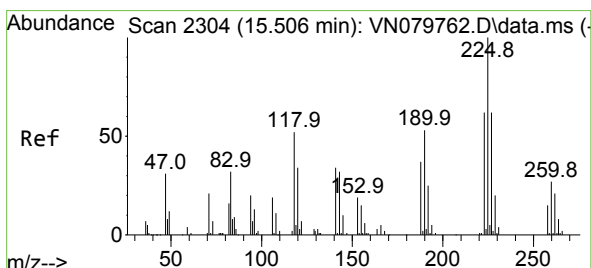
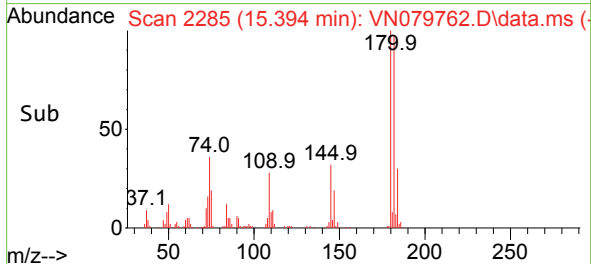
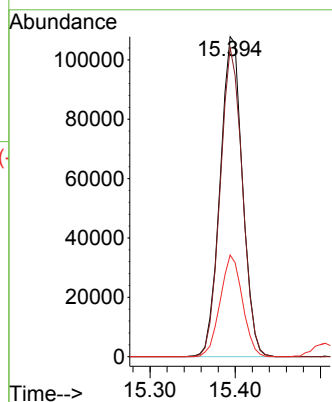
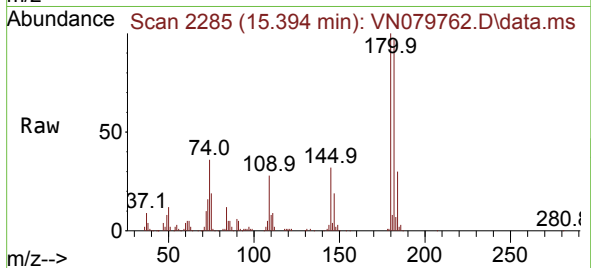
Tgt Ion:180 Resp: 197136

Ion Ratio Lower Upper

180 100

182 95.5 46.1 138.2

145 31.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 48.798 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

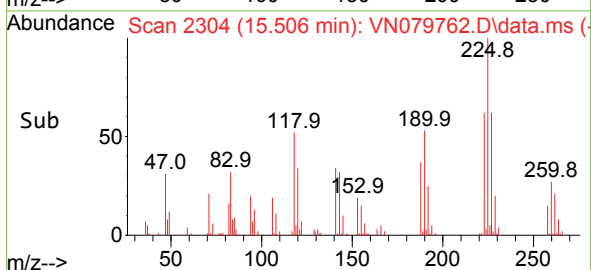
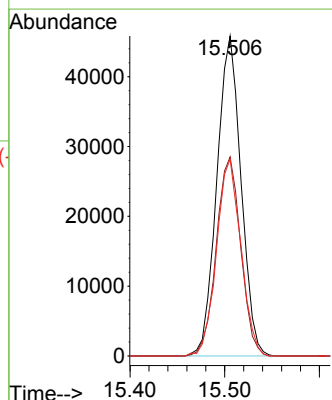
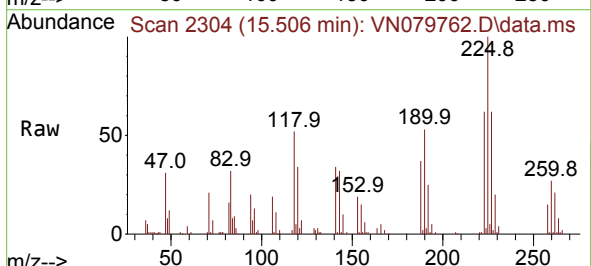
Tgt Ion:225 Resp: 81381

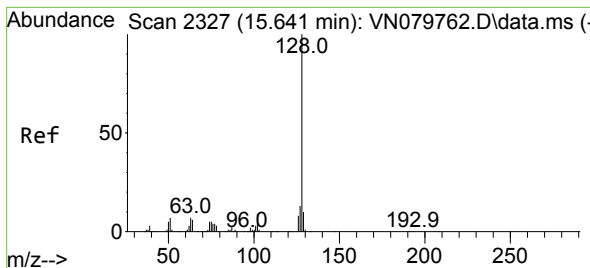
Ion Ratio Lower Upper

225 100

223 62.7 31.3 93.8

227 61.7 31.9 95.9





#95

Naphthalene

Concen: 53.794 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

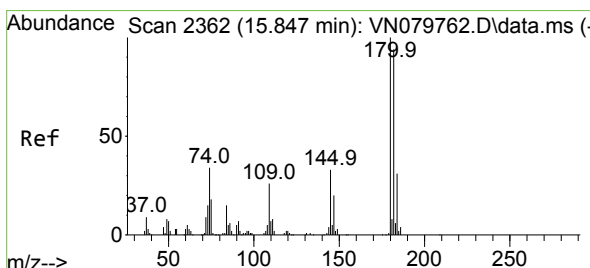
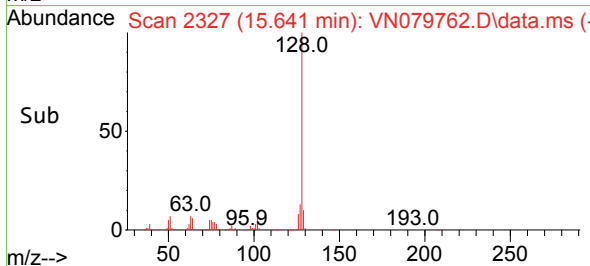
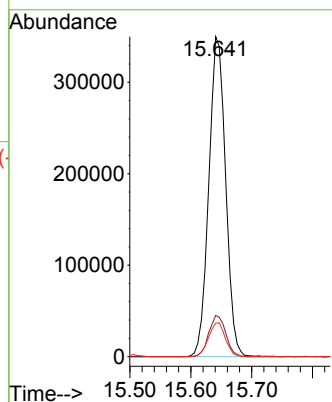
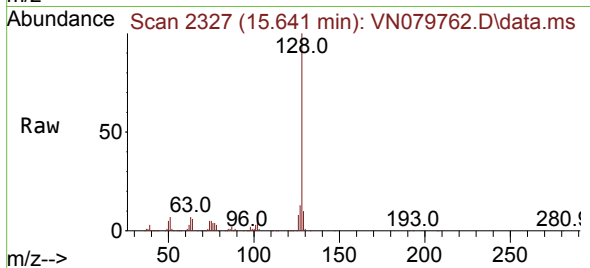
Tgt Ion:128 Resp: 671134

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.944 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079762.D

Acq: 01 Nov 2023 10:27

Tgt Ion:180 Resp: 190925

Ion Ratio Lower Upper

180 100

182 94.0 46.2 138.6

145 32.5 17.5 52.6

