

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079939.D
 Acq On : 06 Nov 2023 21:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 07 04:56:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	309200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	549052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	498307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240398	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	275051	58.388	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.780%	
35) Dibromofluoromethane	8.165	113	211883	54.525	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.060%	
50) Toluene-d8	10.571	98	780548	54.562	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.120%	
62) 4-Bromofluorobenzene	12.853	95	275128	57.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.980%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	189538	50.891	ug/l	99
3) Chloromethane	2.359	50	241541	52.256	ug/l	98
4) Vinyl Chloride	2.512	62	276029	56.619	ug/l	96
5) Bromomethane	2.936	94	153853	51.940	ug/l	97
6) Chloroethane	3.107	64	171942	44.635	ug/l	97
7) Trichlorofluoromethane	3.489	101	321038	52.945	ug/l	98
8) Diethyl Ether	3.965	74	118949	51.694	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.371	101	175427	49.907	ug/l	99
10) Methyl Iodide	4.589	142	213194	53.111	ug/l	98
11) Tert butyl alcohol	5.524	59	179053	297.753	ug/l	99
12) 1,1-Dichloroethene	4.336	96	170118	51.114	ug/l #	82
13) Acrolein	4.177	56	151830	351.610	ug/l	97
14) Allyl chloride	5.024	41	282161	55.352	ug/l #	91
15) Acrylonitrile	5.718	53	555644	296.500	ug/l	99
16) Acetone	4.424	43	435823	263.384	ug/l	93
17) Carbon Disulfide	4.712	76	452663	47.152	ug/l	100
18) Methyl Acetate	5.024	43	472824	59.726	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	638580	55.730	ug/l	92
20) Methylene Chloride	5.277	84	218366	52.300	ug/l #	81
21) trans-1,2-Dichloroethene	5.783	96	192790	51.938	ug/l #	76
22) Diisopropyl ether	6.677	45	713808	60.425	ug/l #	91
23) Vinyl Acetate	6.606	43	1915699	293.993	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	408949	56.956	ug/l	99
25) 2-Butanone	7.489	43	721226	297.649	ug/l #	79
26) 2,2-Dichloropropane	7.489	77	281615	47.425	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	232825	52.437	ug/l	85
28) Bromochloromethane	7.812	49	217458	62.146	ug/l #	74
29) Tetrahydrofuran	7.841	42	486291	308.466	ug/l #	75
30) Chloroform	7.971	83	421300	54.018	ug/l	89
31) Cyclohexane	8.259	56	308017	49.482	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	354227	55.741	ug/l	95
36) 1,1-Dichloropropene	8.377	75	298469	53.793	ug/l	94
37) Ethyl Acetate	7.559	43	303002	59.545	ug/l #	90
38) Carbon Tetrachloride	8.365	117	296278	52.984	ug/l	99
39) Methylcyclohexane	9.606	83	258526	49.510	ug/l #	85
40) Benzene	8.612	78	904045	54.399	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	160752	59.490	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	335677	57.826	ug/l	98
43) Isopropyl Acetate	8.694	43	567944	63.643	ug/l #	86
44) Trichloroethene	9.353	130	206938	50.181	ug/l	97
45) 1,2-Dichloropropane	9.624	63	245061	57.702	ug/l	99
46) Dibromomethane	9.712	93	161753	55.779	ug/l	95
47) Bromodichloromethane	9.894	83	332468	53.758	ug/l	96
48) Methyl methacrylate	9.683	41	242536	62.049	ug/l #	79
49) 1,4-Dioxane	9.700	88	84424	1222.329	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1570836	312.660	ug/l	89
52) Toluene	10.635	92	553839	56.215	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	335988	55.418	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	367020	55.539	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	221804	55.973	ug/l	94
56) Ethyl methacrylate	10.877	69	341869	60.482	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	401030	57.413	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	791044	276.120	ug/l	89
59) 2-Hexanone	11.200	43	1133069	294.806	ug/l	88
60) Dibromochloromethane	11.365	129	235225	55.455	ug/l	98
61) 1,2-Dibromoethane	11.471	107	218668	54.978	ug/l	100
64) Tetrachloroethene	11.106	164	169180	52.421	ug/l	99
65) Chlorobenzene	11.894	112	570334	52.764	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	220646	56.656	ug/l	97
67) Ethyl Benzene	11.965	91	1030833	54.737	ug/l	95
68) m/p-Xylenes	12.076	106	774055	110.337	ug/l	93
69) o-Xylene	12.400	106	374521	55.440	ug/l	91
70) Styrene	12.412	104	642977	59.225	ug/l	98
71) Bromoform	12.582	173	161332	58.340	ug/l #	98
73) Isopropylbenzene	12.700	105	927916	50.859	ug/l	100
74) N-amyl acetate	12.500	43	426730	53.585	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	338615	52.346	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	417924	74.050	ug/l	70
77) Bromobenzene	12.982	156	228754	51.212	ug/l	92
78) n-propylbenzene	13.041	91	1110590	53.156	ug/l	97
79) 2-Chlorotoluene	13.129	91	691584	51.815	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	775100	54.604	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	99447	47.941	ug/l #	76
82) 4-Chlorotoluene	13.223	91	700555	52.820	ug/l	98
83) tert-Butylbenzene	13.441	119	605482	52.110	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	780785	55.907	ug/l	100
85) sec-Butylbenzene	13.618	105	844747	52.475	ug/l	99
86) p-Isopropyltoluene	13.735	119	699544	53.299	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	410986	49.460	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	405700	48.101	ug/l	100
89) n-Butylbenzene	14.059	91	574511	50.822	ug/l	98
90) Hexachloroethane	14.341	117	135917	52.290	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	399365	50.912	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	61798	56.334	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	179324	48.078	ug/l	97
94) Hexachlorobutadiene	15.506	225	79100	46.782	ug/l	99
95) Naphthalene	15.647	128	574493	45.419	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	181032	49.515	ug/l	99

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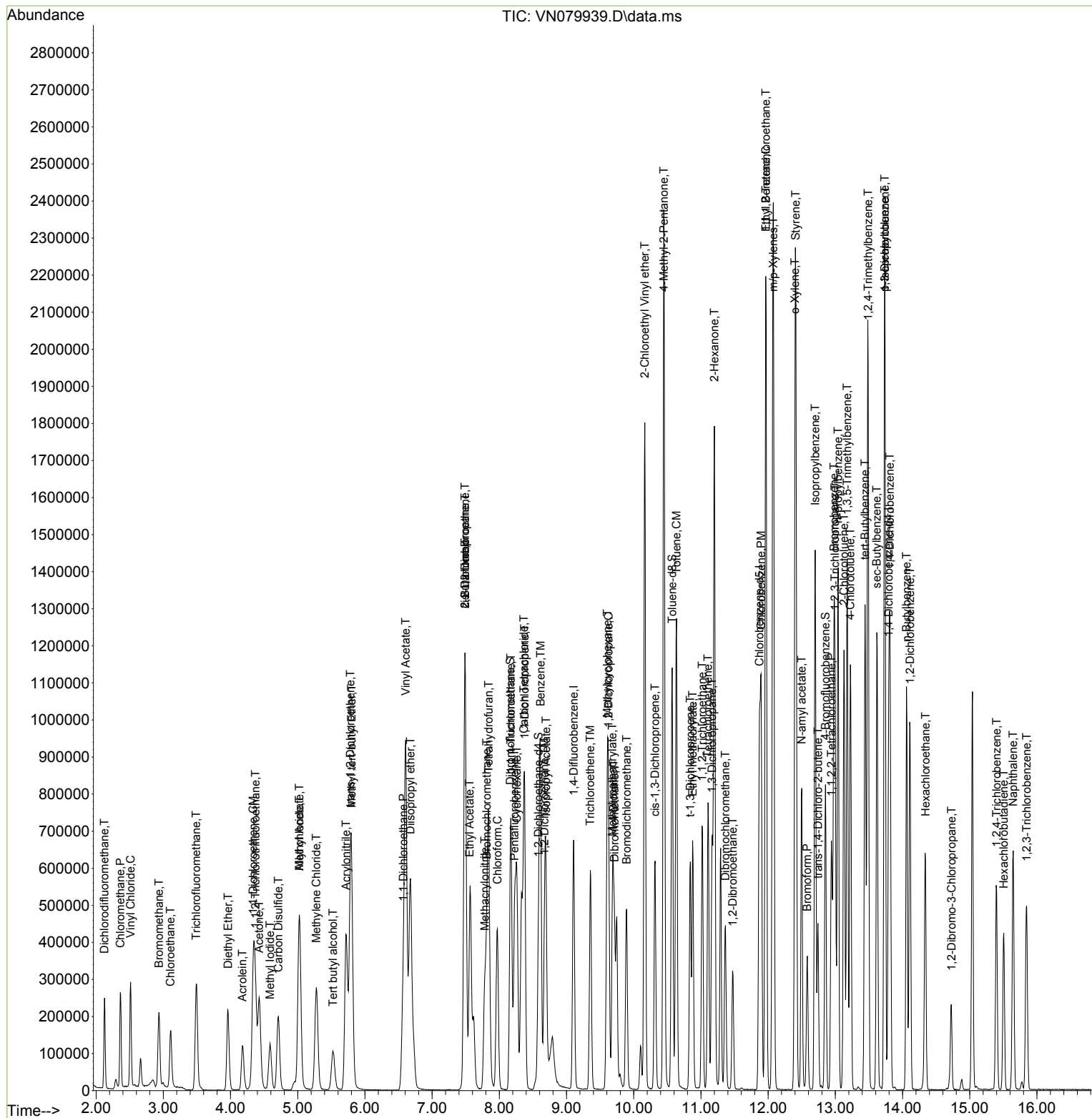
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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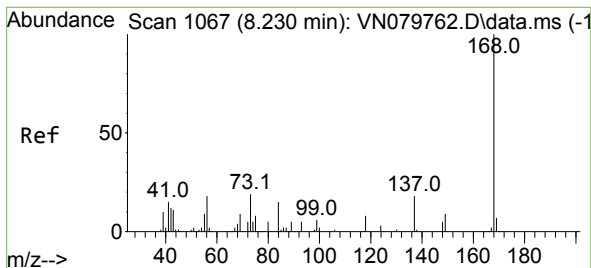
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.005 min

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Instrument :

MSVOA_N

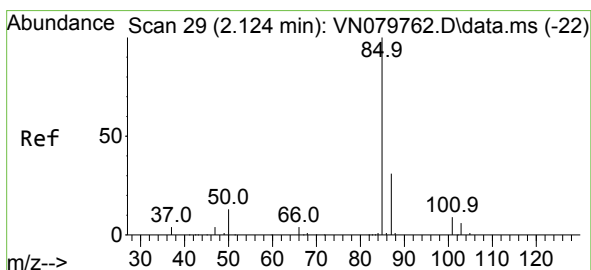
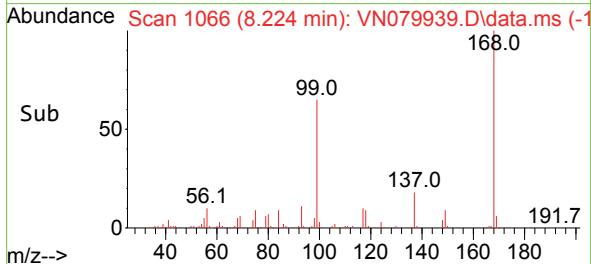
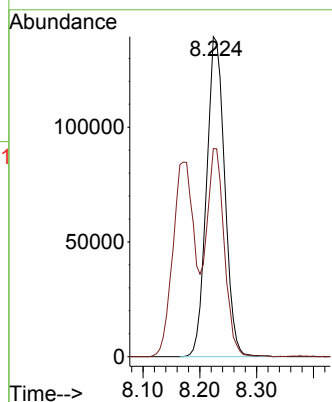
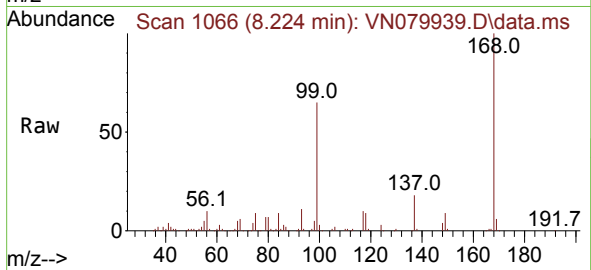
ClientSampleId :

Tgt Ion:168 Resp: 309200

Ion Ratio Lower Upper

168 100

99 64.9 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 50.891 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN079939.D

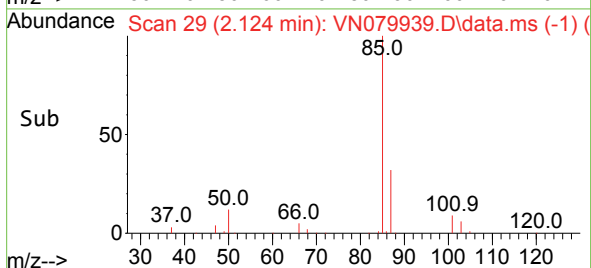
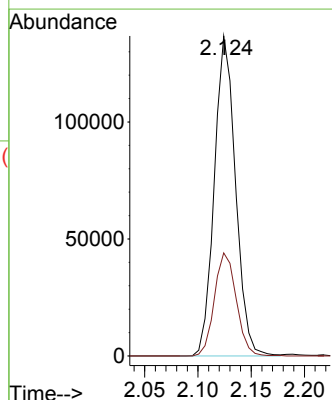
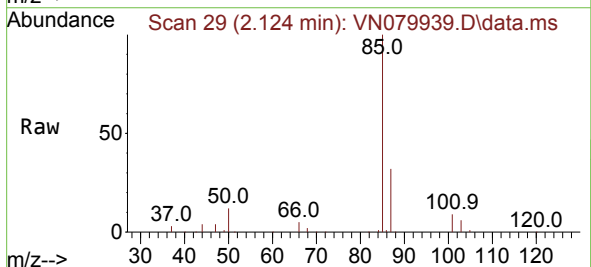
Acq: 06 Nov 2023 21:44

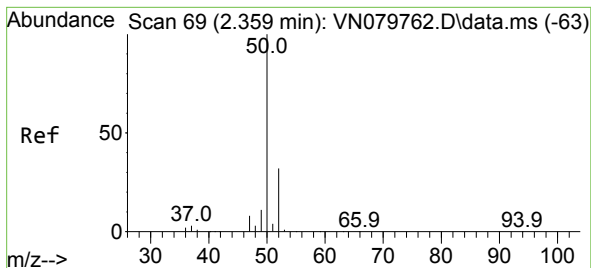
Tgt Ion: 85 Resp: 189538

Ion Ratio Lower Upper

85 100

87 32.2 15.8 47.4





#3

Chloromethane

Concen: 52.256 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Instrument :

MSVOA_N

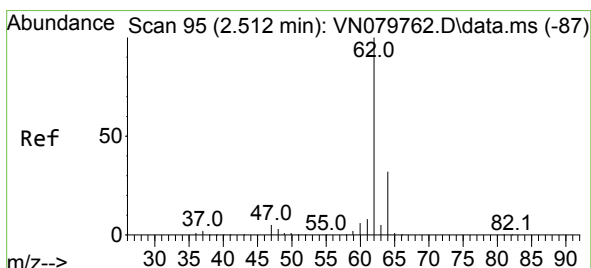
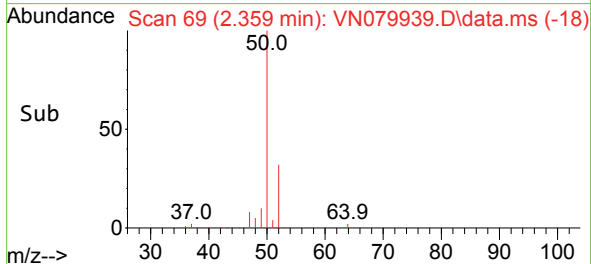
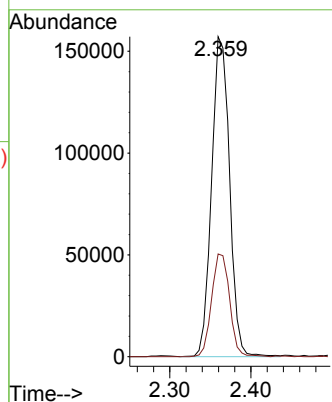
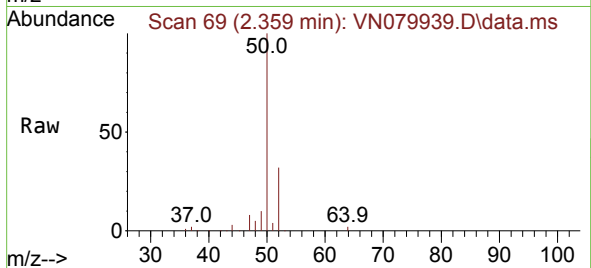
ClientSampleId :

Tgt Ion: 50 Resp: 241541

Ion Ratio Lower Upper

50 100

52 32.1 26.5 39.7



#4

Vinyl Chloride

Concen: 56.619 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079939.D

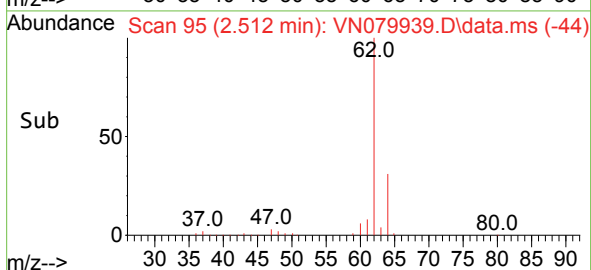
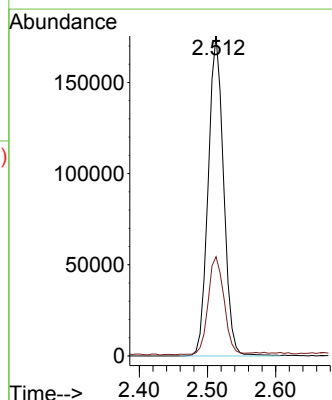
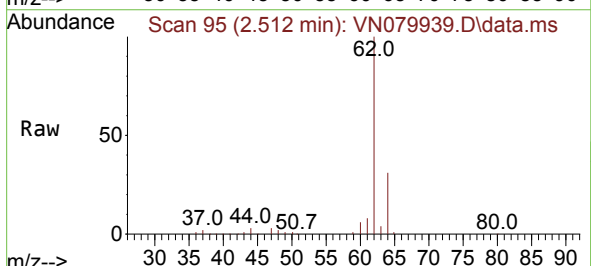
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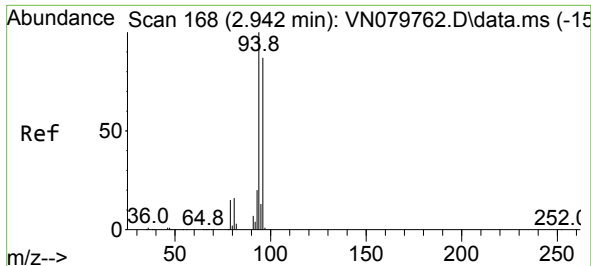
Tgt Ion: 62 Resp: 276029

Ion Ratio Lower Upper

62 100

64 30.4 26.2 39.2

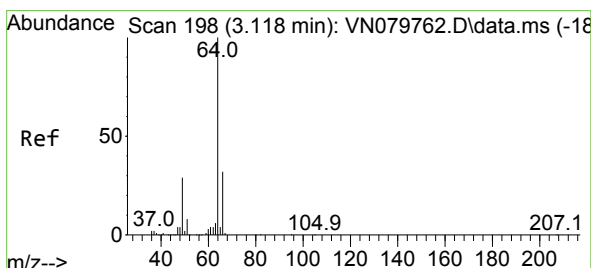
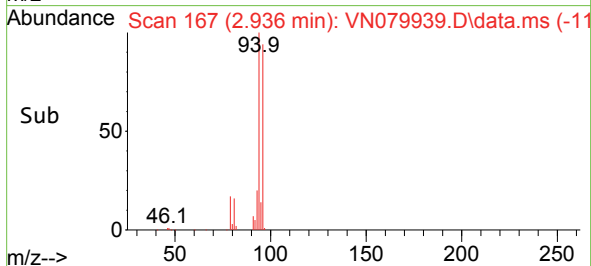
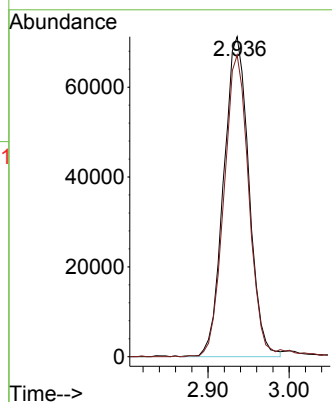
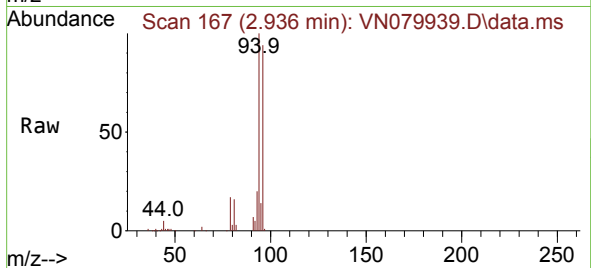




#5
Bromomethane
Concen: 51.940 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.017 min
Lab File: VN079939.D
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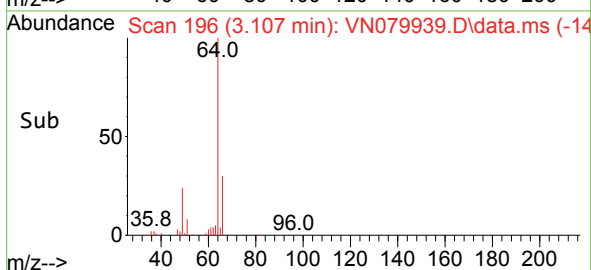
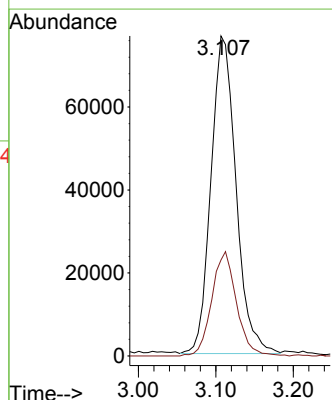
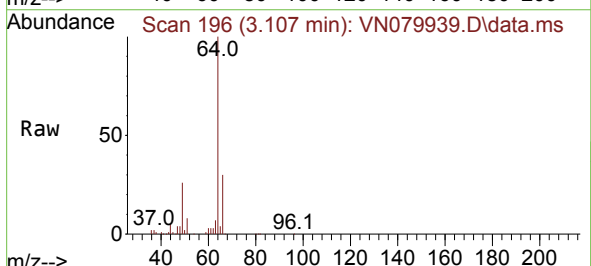
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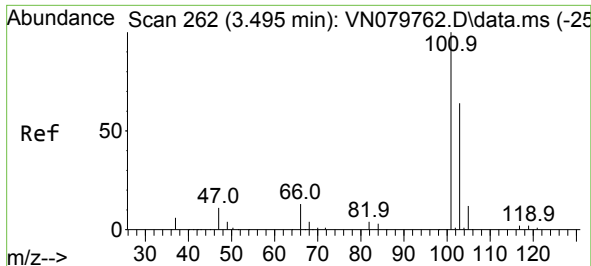
Tgt Ion: 94 Resp: 153853
Ion Ratio Lower Upper
94 100
96 94.2 73.1 109.7



#6
Chloroethane
Concen: 44.635 ug/l
RT: 3.107 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion: 64 Resp: 171942
Ion Ratio Lower Upper
64 100
66 30.2 25.4 38.2

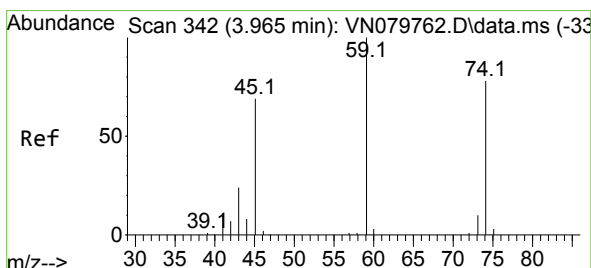
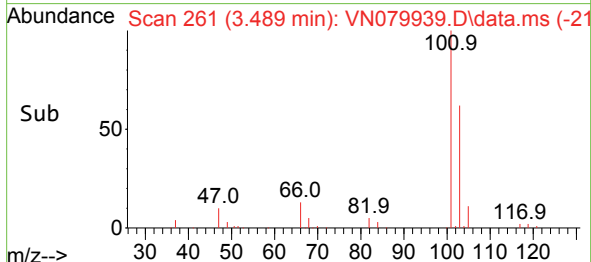
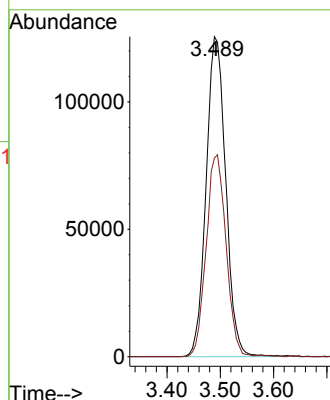
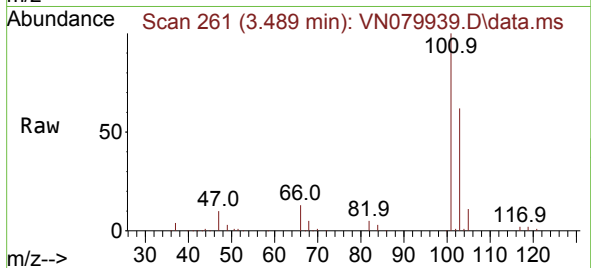




#7
 Trichlorofluoromethane
 Concen: 52.945 ug/l
 RT: 3.489 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN079939.D
 Acq: 06 Nov 2023 21:44

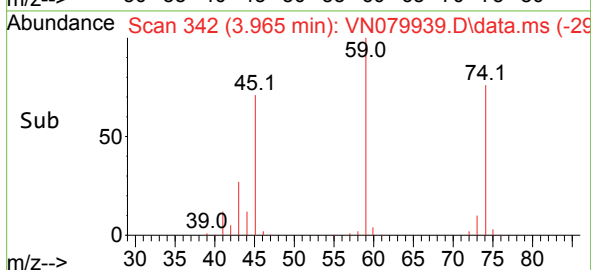
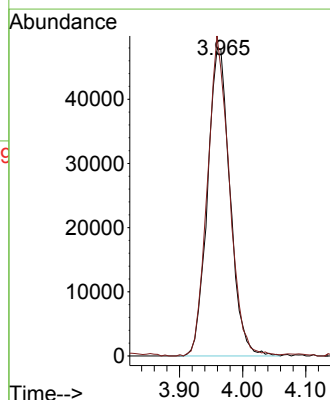
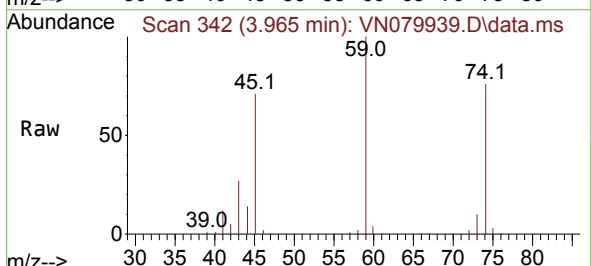
Instrument :
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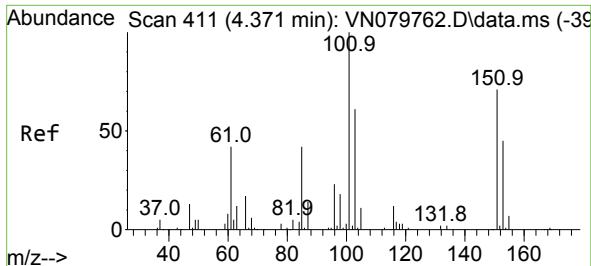
Tgt Ion:101 Resp: 321038
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 51.694 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 118949
 Ion Ratio Lower Upper
 74 100
 45 101.5 34.4 103.3

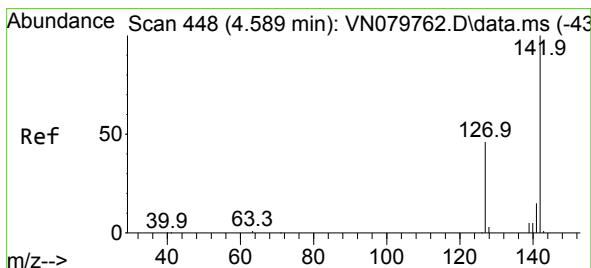
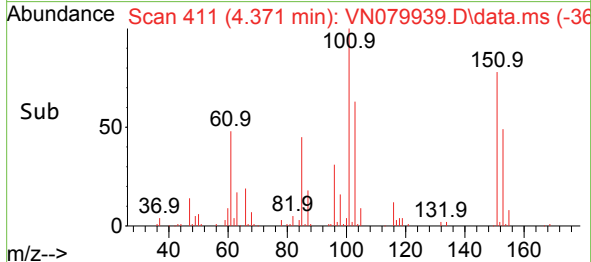
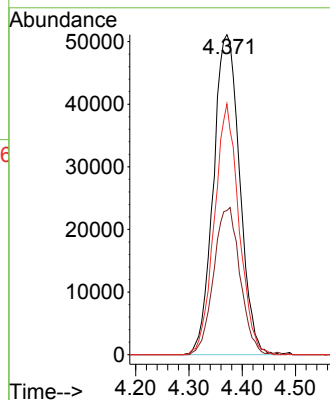
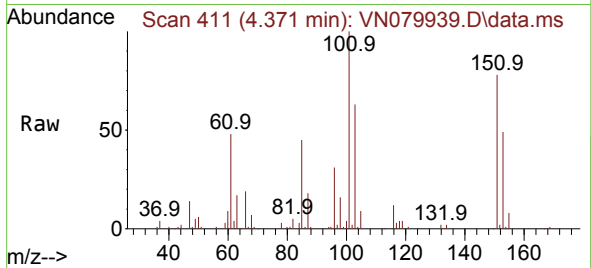




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.907 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

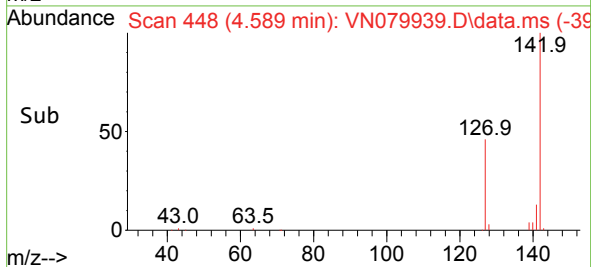
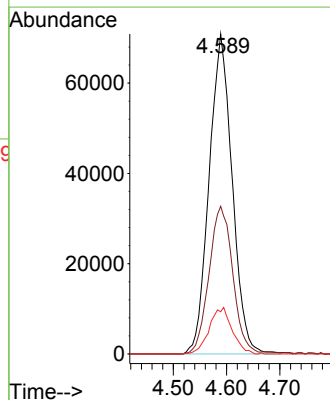
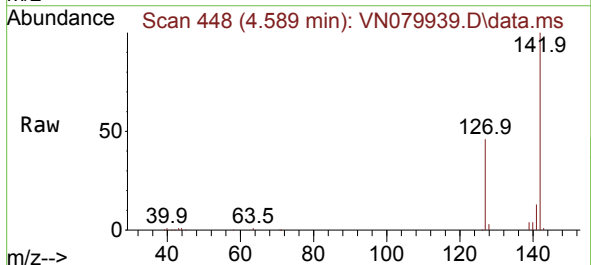
Instrument :
MSVOA_N
ClientSampleId :

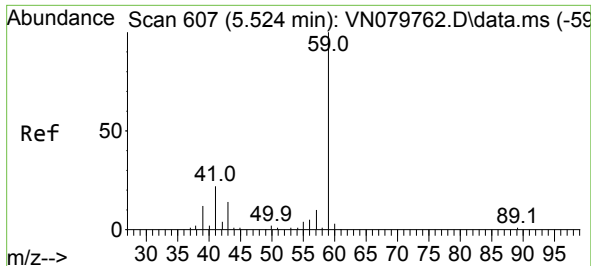
Tgt Ion:101 Resp: 175427
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 73.2 57.6 86.4



#10
Methyl Iodide
Concen: 53.111 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion:142 Resp: 213194
Ion Ratio Lower Upper
142 100
127 46.1 37.6 56.4
141 13.2 11.4 17.0

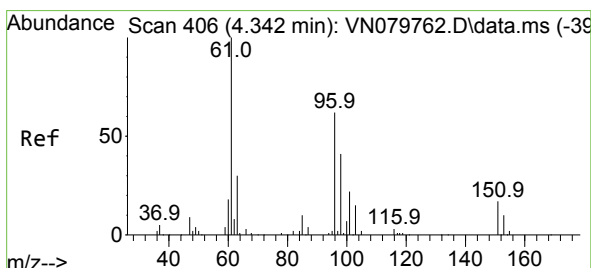
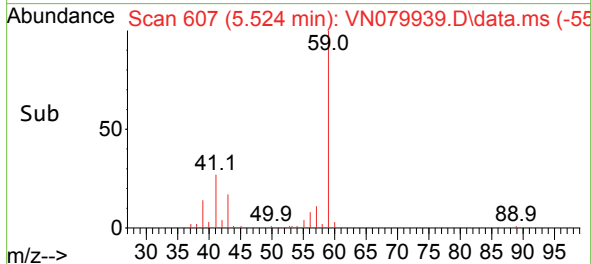
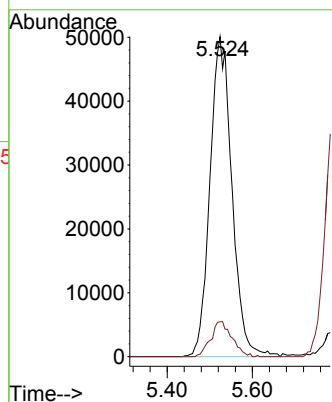
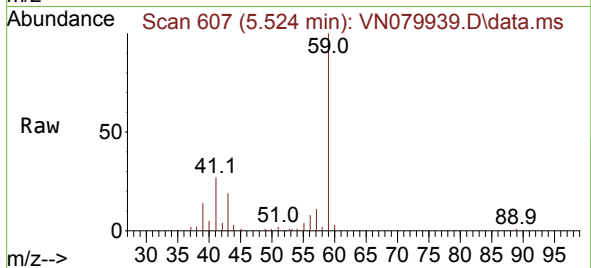




#11
Tert butyl alcohol
Concen: 297.753 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

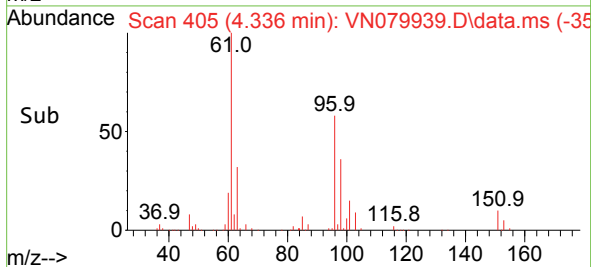
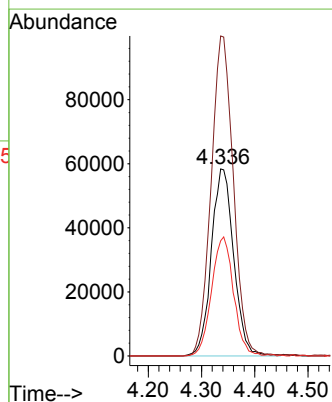
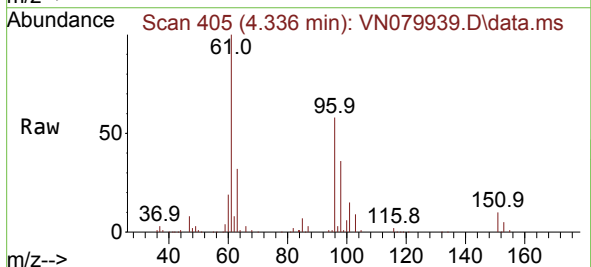
Instrument :
MSVOA_N
ClientSampleId :

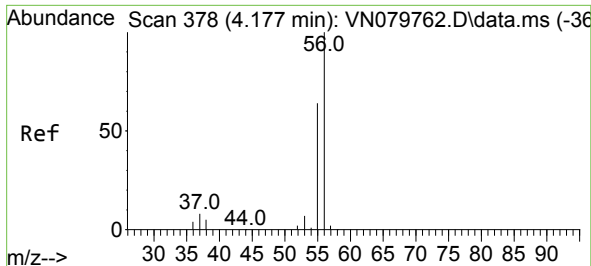
Tgt Ion: 59 Resp: 179053
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 51.114 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion: 96 Resp: 170118
Ion Ratio Lower Upper
96 100
61 171.1 112.7 169.1#
98 61.6 51.2 76.8

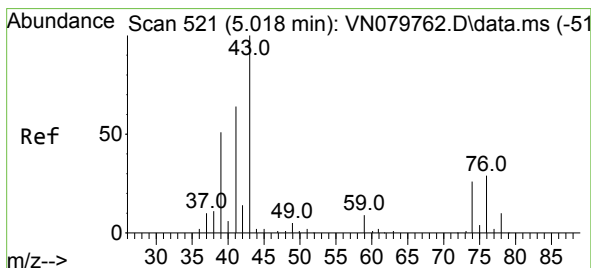
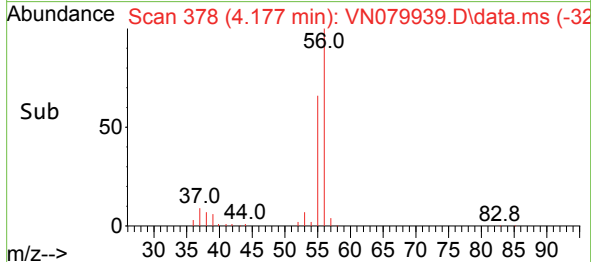
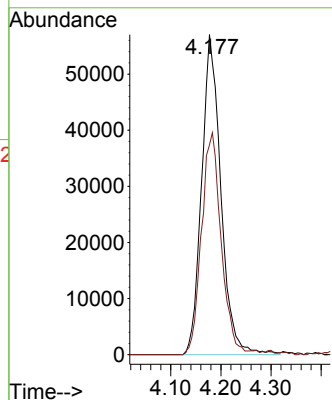
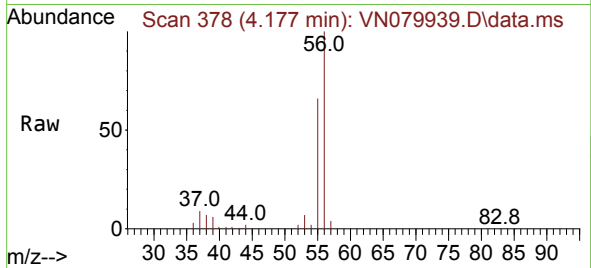




#13
Acrolein
Concen: 351.610 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

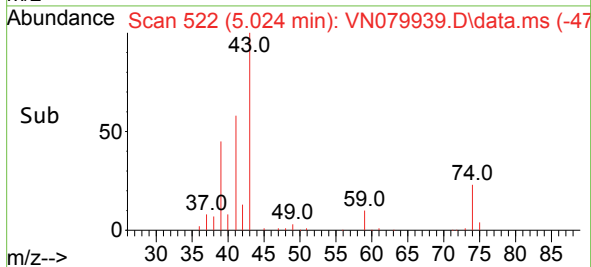
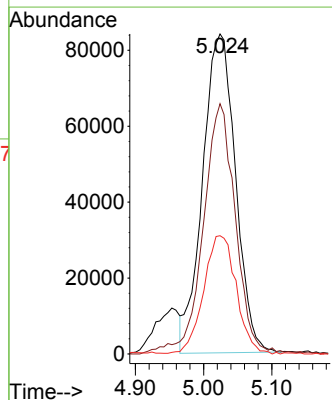
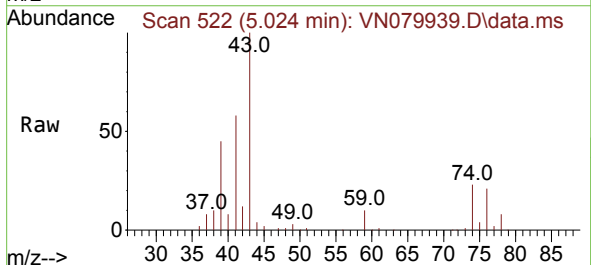
Instrument :
MSVOA_N
ClientSampleId :

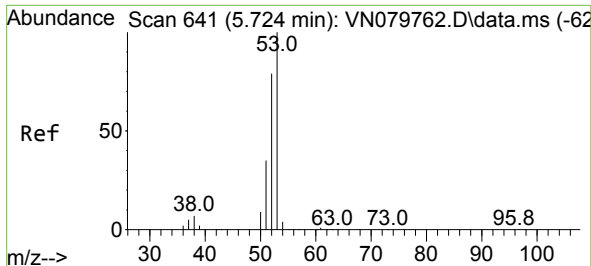
Tgt Ion: 56 Resp: 151830
Ion Ratio Lower Upper
56 100
55 70.8 54.5 81.7



#14
Allyl chloride
Concen: 55.352 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

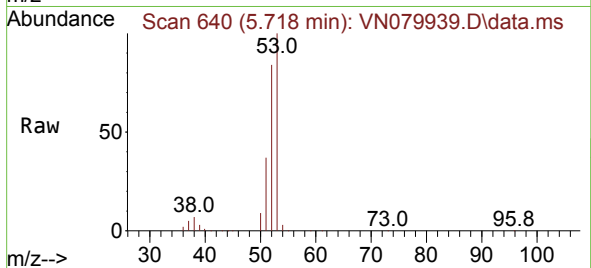
Tgt Ion: 41 Resp: 282161
Ion Ratio Lower Upper
41 100
39 76.9 58.8 88.2
76 36.8 39.1 58.7#



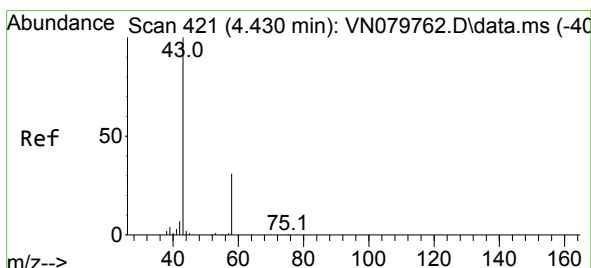
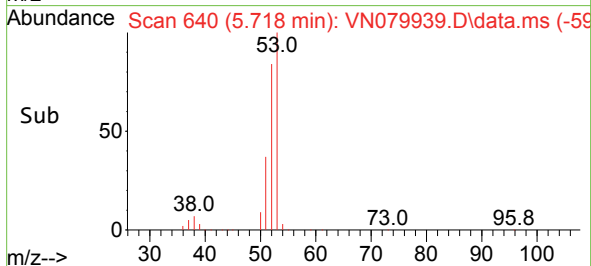
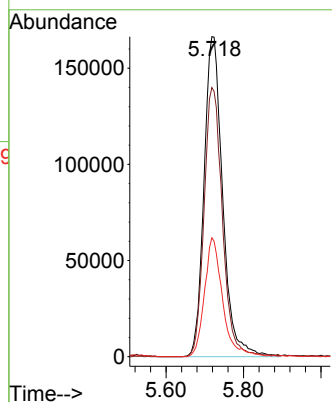


#15
Acrylonitrile
Concen: 296.500 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Instrument :
MSVOA_N
ClientSampleId :

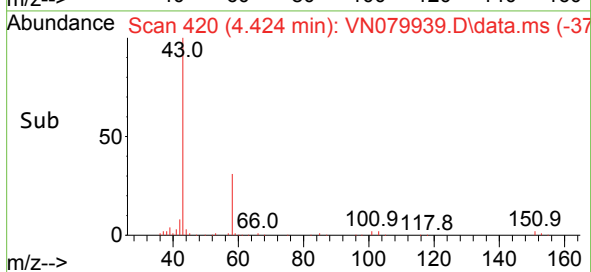
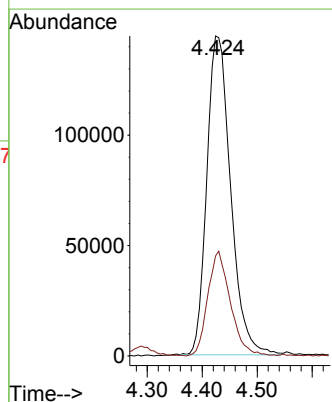
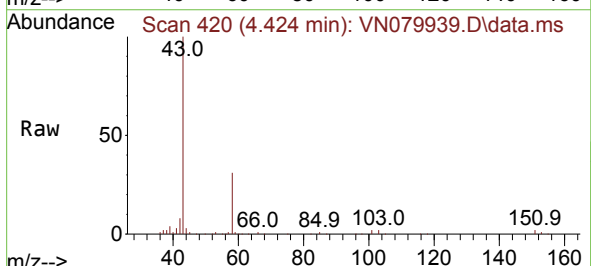


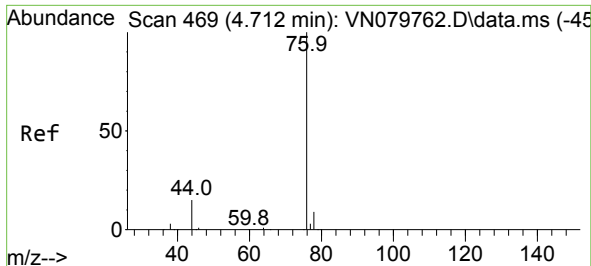
Tgt Ion: 53 Resp: 555644
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 36.1 28.9 43.3



#16
Acetone
Concen: 263.384 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion: 43 Resp: 435823
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0

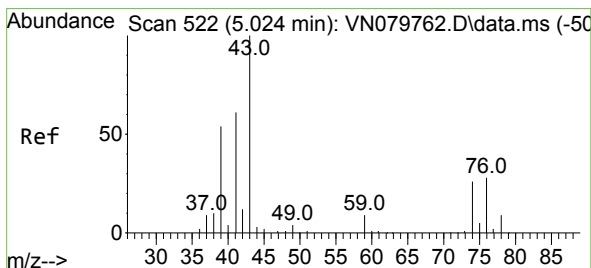
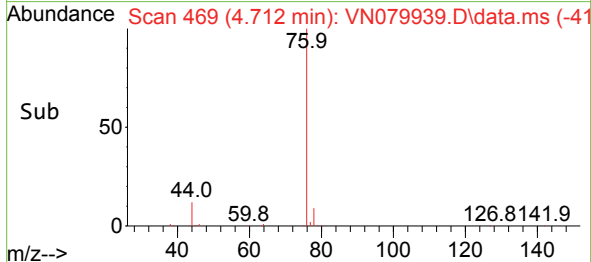
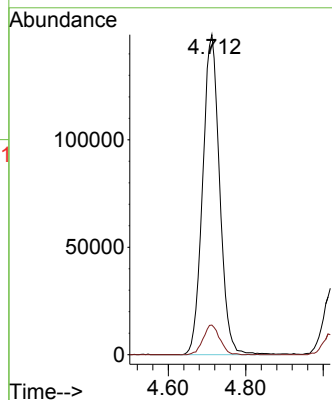
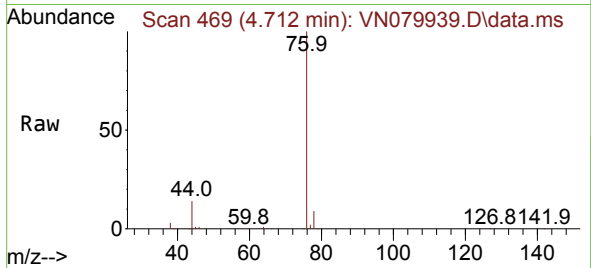




#17
Carbon Disulfide
Concen: 47.152 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

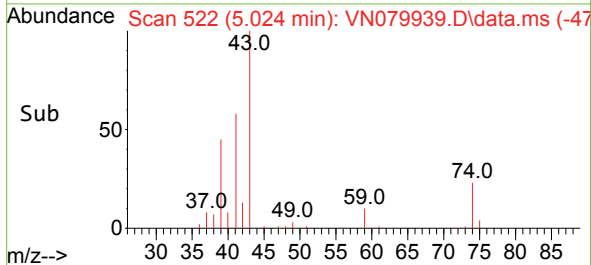
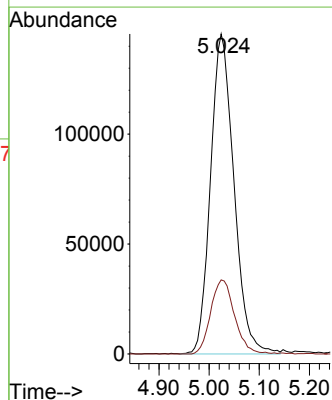
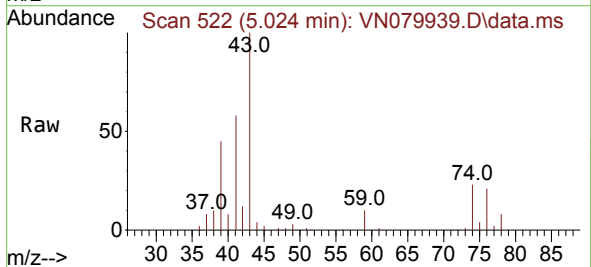
Instrument :
MSVOA_N
ClientSampleId :

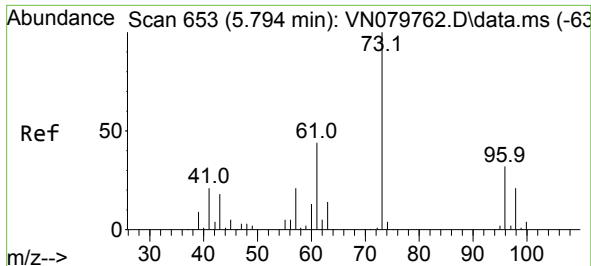
Tgt Ion: 76 Resp: 452663
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 59.726 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion: 43 Resp: 472824
Ion Ratio Lower Upper
43 100
74 23.5 26.2 39.4#

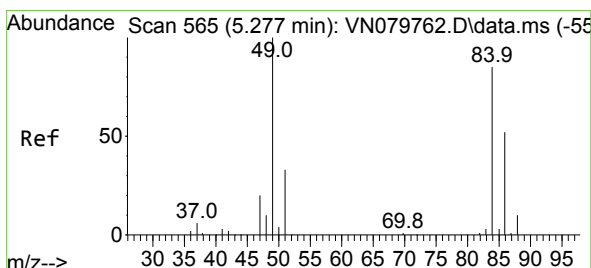
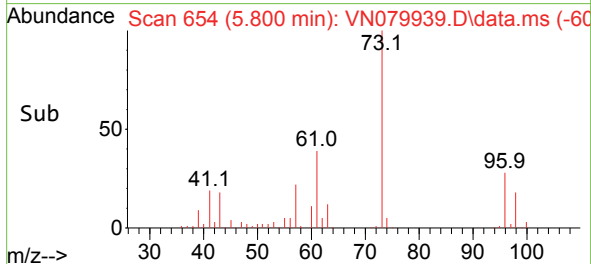
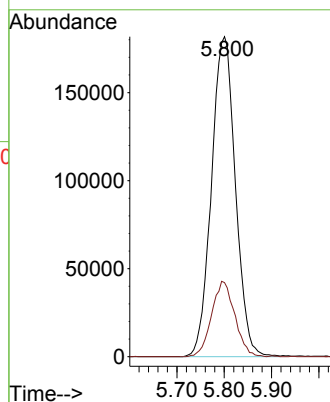
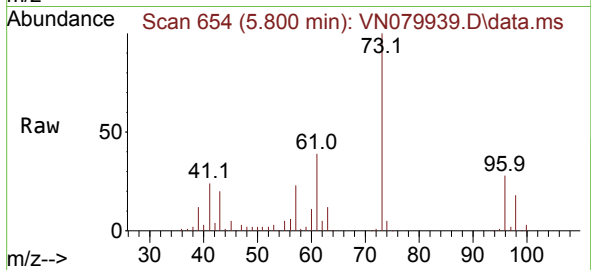




#19
Methyl tert-butyl Ether
Concen: 55.730 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

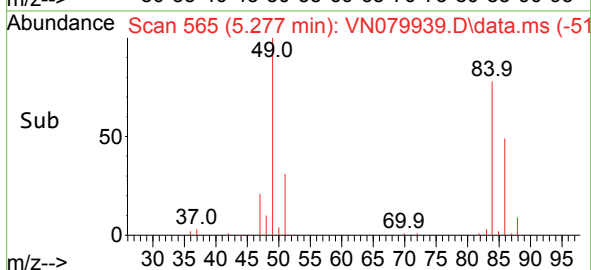
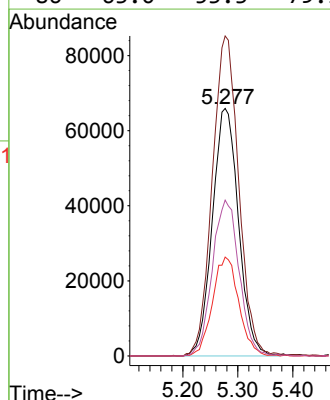
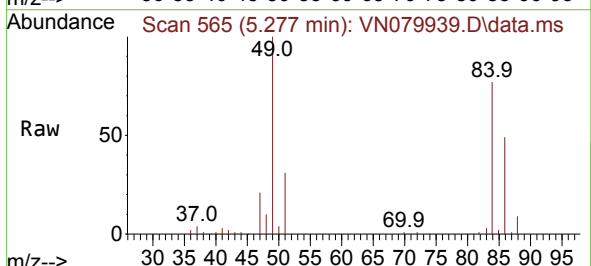
Instrument :
MSVOA_N
ClientSampleId :

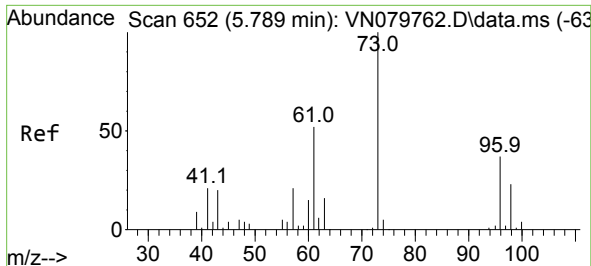
Tgt Ion: 73 Resp: 638580
Ion Ratio Lower Upper
73 100
57 23.2 15.6 23.4



#20
Methylene Chloride
Concen: 52.300 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

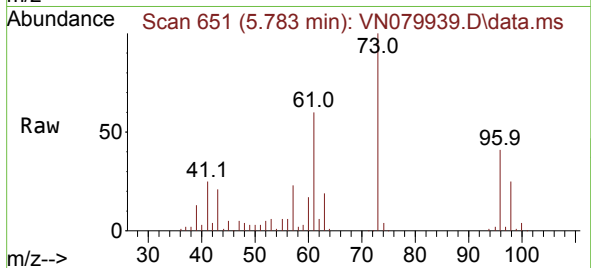
Tgt Ion: 84 Resp: 218366
Ion Ratio Lower Upper
84 100
49 129.3 79.7 119.5#
51 40.0 25.2 37.8#
86 63.0 53.3 79.9



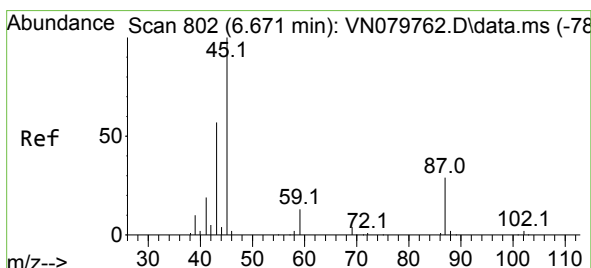
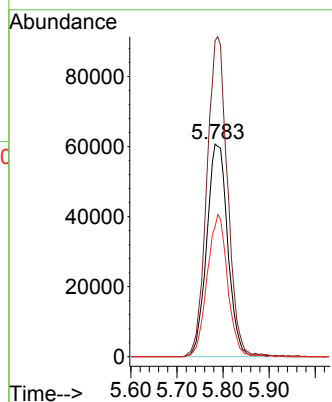
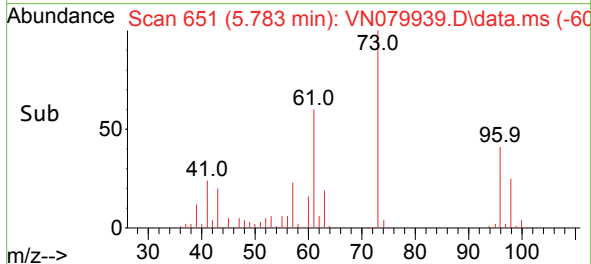


#21
trans-1,2-Dichloroethene
Concen: 51.938 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

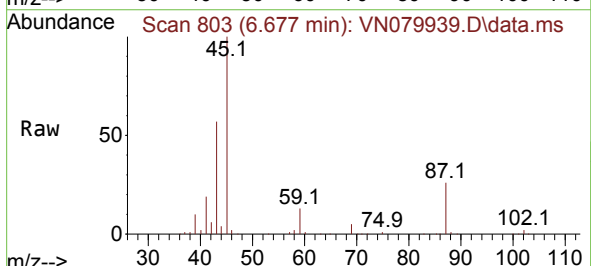
Instrument :
MSVOA_N
ClientSampleId :



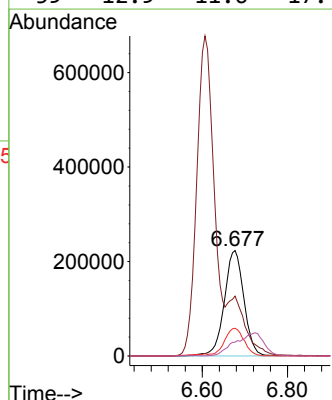
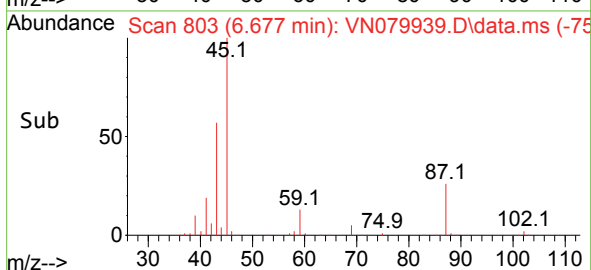
Tgt Ion: 96 Resp: 192790
Ion Ratio Lower Upper
96 100
61 148.6 90.1 135.1#
98 61.2 46.4 69.6

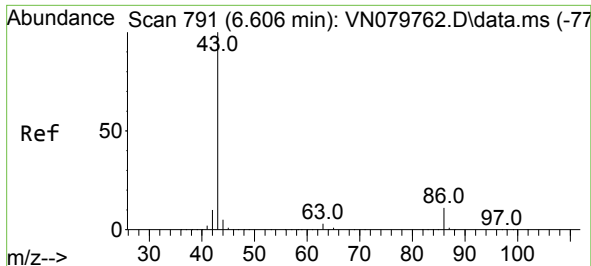


#22
Diisopropyl ether
Concen: 60.425 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44



Tgt Ion: 45 Resp: 713808
Ion Ratio Lower Upper
45 100
43 55.7 45.5 68.3
87 26.2 31.8 47.8#
59 12.9 11.6 17.4

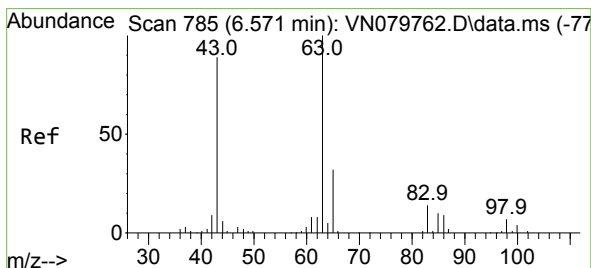
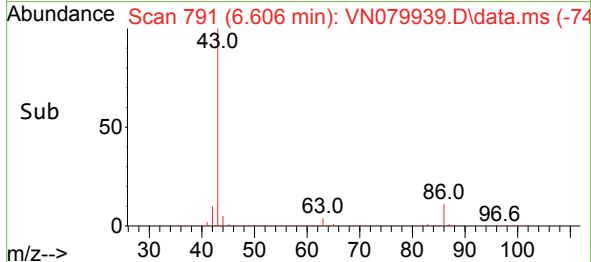
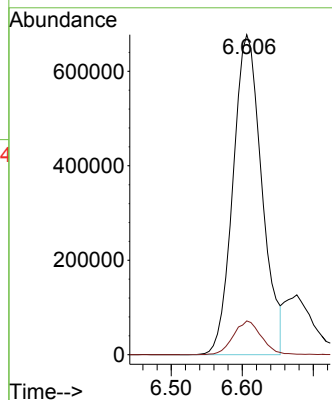
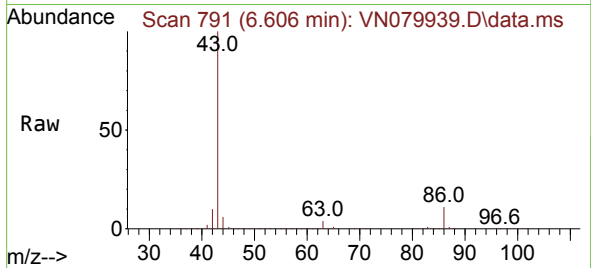




#23
 Vinyl Acetate
 Concen: 293.993 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079939.D
 Acq: 06 Nov 2023 21:44

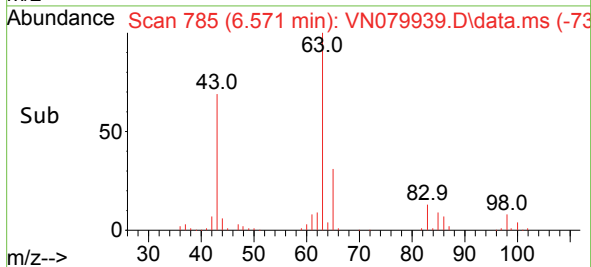
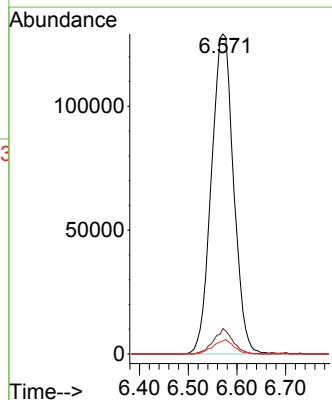
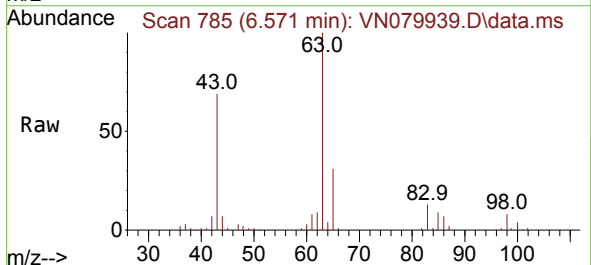
Instrument :
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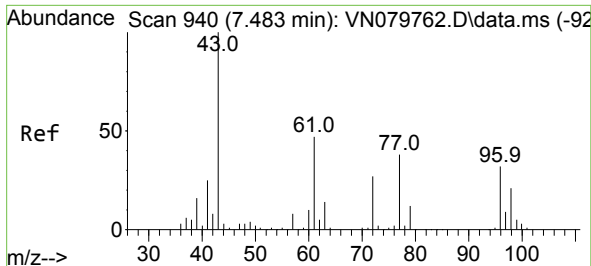
Tgt Ion: 43 Resp: 1915699
 Ion Ratio Lower Upper
 43 100
 86 10.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 56.956 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079939.D
 Acq: 06 Nov 2023 21:44

Tgt Ion: 63 Resp: 408949
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.7
 100 4.1 2.5 7.4

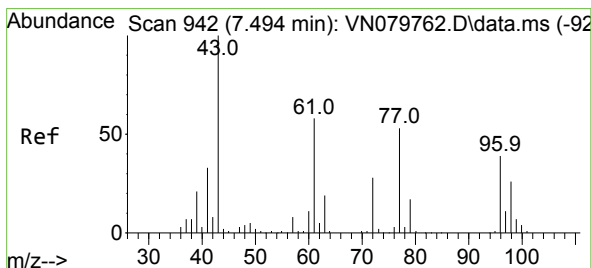
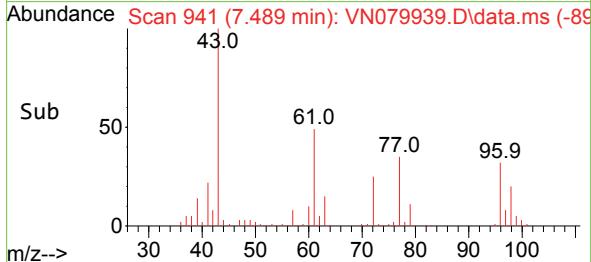
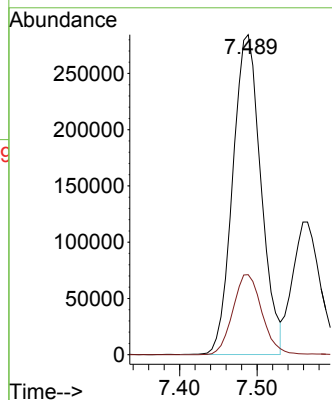
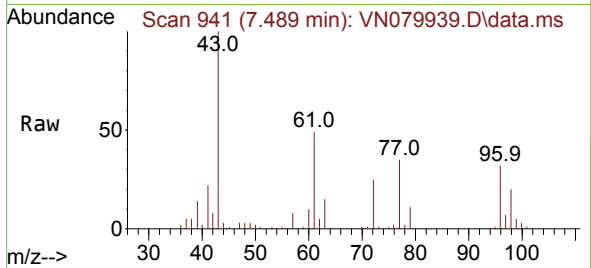




#25
2-Butanone
Concen: 297.649 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

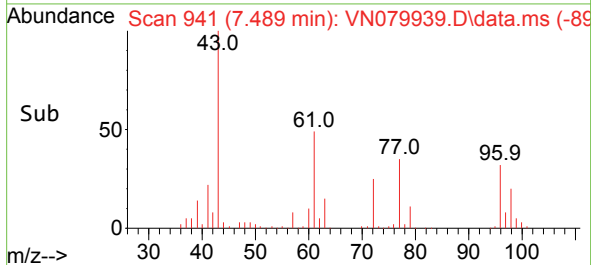
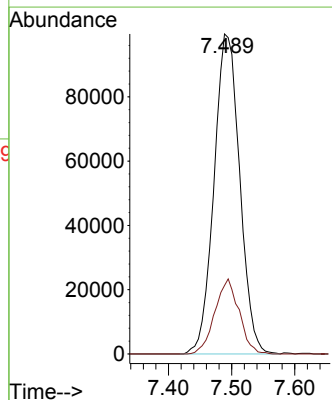
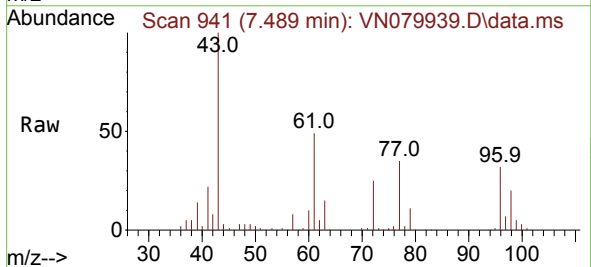
Instrument :
MSVOA_N
ClientSampleId :

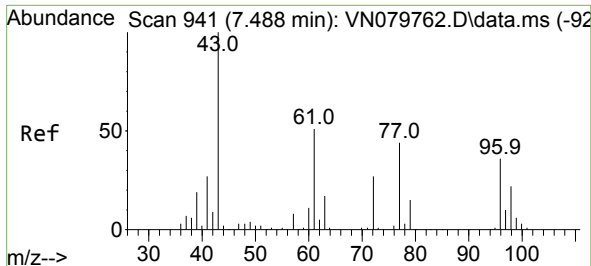
Tgt Ion: 43 Resp: 721226
Ion Ratio Lower Upper
43 100
72 25.0 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 47.425 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion: 77 Resp: 281615
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6

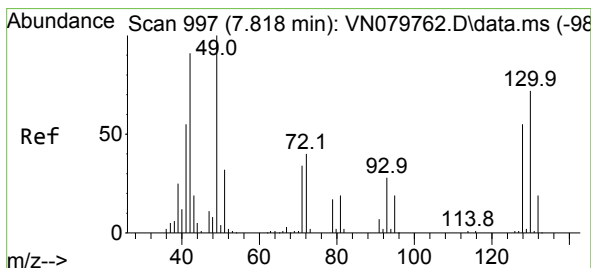
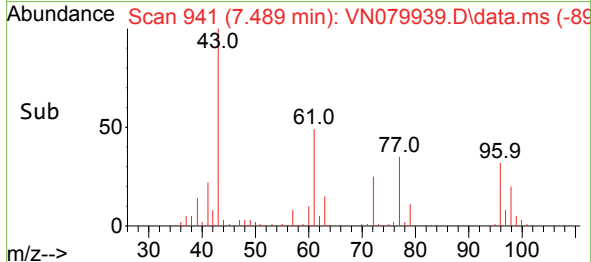
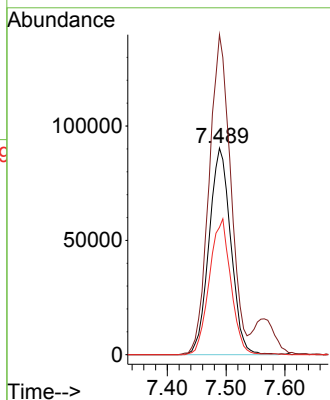
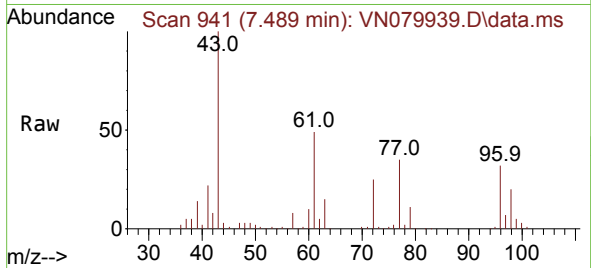




#27
 cis-1,2-Dichloroethene
 Concen: 52.437 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079939.D
 Acq: 06 Nov 2023 21:44

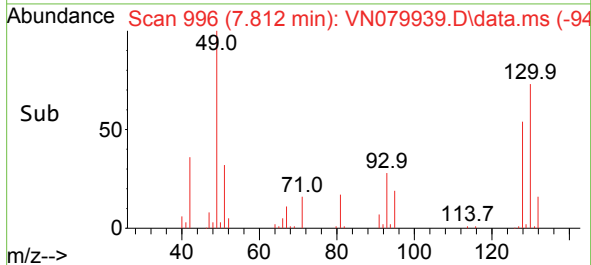
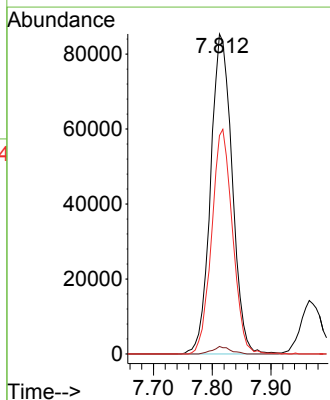
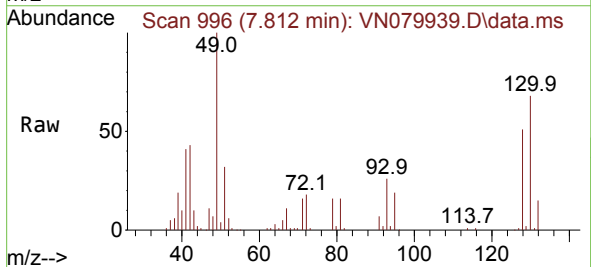
Instrument :
 MSVOA_N
 ClientSampleId :

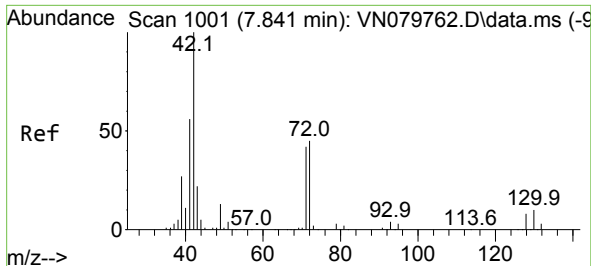
Tgt Ion: 96 Resp: 232825
 Ion Ratio Lower Upper
 96 100
 61 152.8 0.0 255.2
 98 65.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 62.146 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN079939.D
 Acq: 06 Nov 2023 21:44

Tgt Ion: 49 Resp: 217458
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 68.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 308.466 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

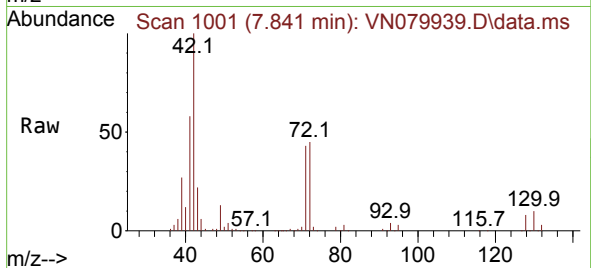
Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Instrument :

MSVOA_N

ClientSampleId :



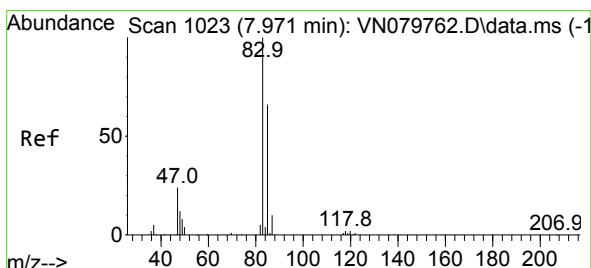
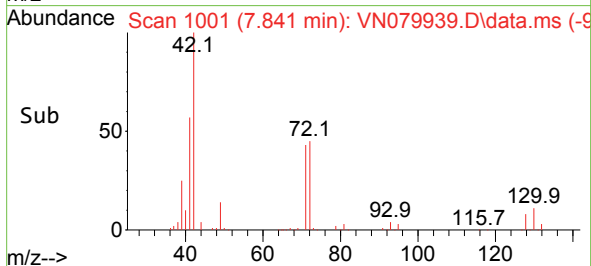
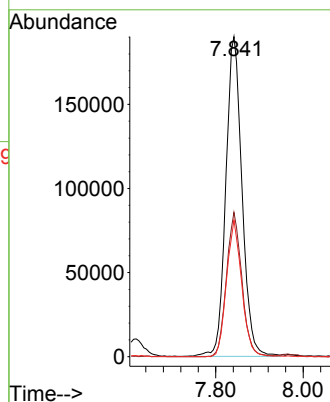
Tgt Ion: 42 Resp: 486291

Ion Ratio Lower Upper

42 100

72 43.1 49.8 74.6#

71 40.2 47.4 71.2#



#30

Chloroform

Concen: 54.018 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079939.D

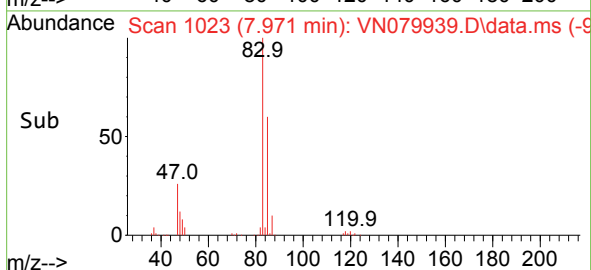
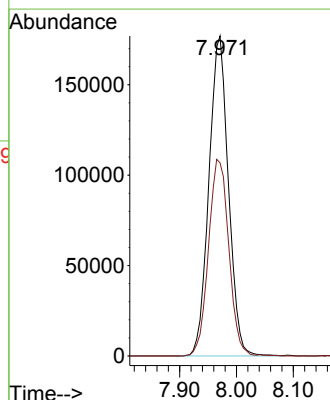
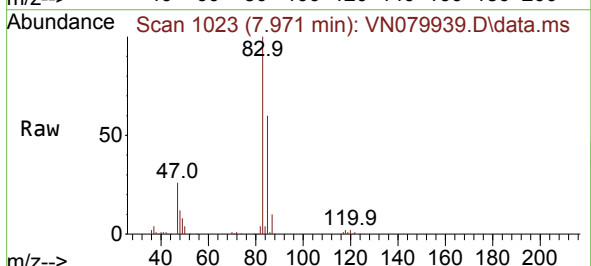
Acq: 06 Nov 2023 21:44

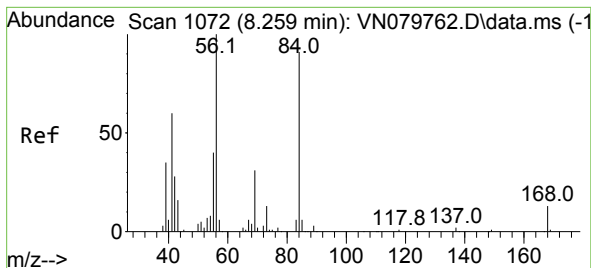
Tgt Ion: 83 Resp: 421300

Ion Ratio Lower Upper

83 100

85 60.4 55.4 83.0





#31

Cyclohexane

Concen: 49.482 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

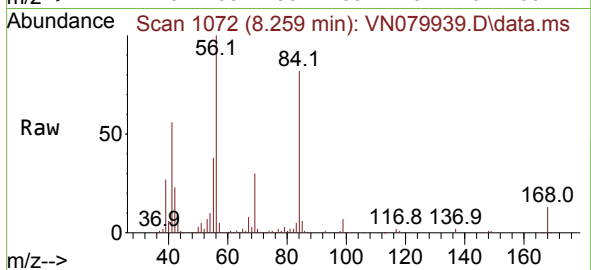
Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Instrument :

MSVOA_N

ClientSampleId :



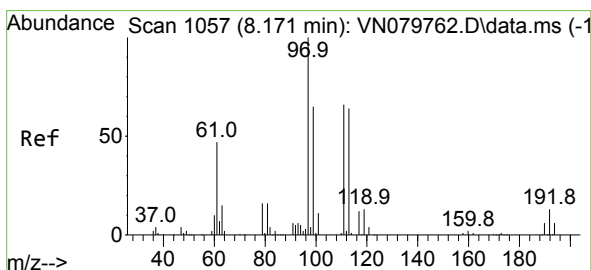
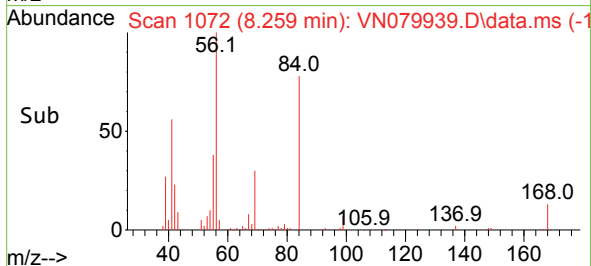
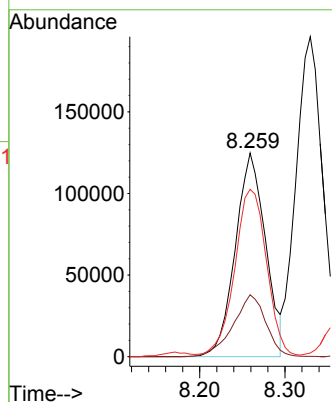
Tgt Ion: 56 Resp: 308017

Ion Ratio Lower Upper

56 100

69 30.4 26.8 40.2

84 80.3 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 55.741 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

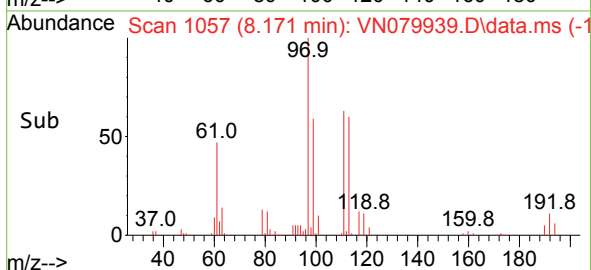
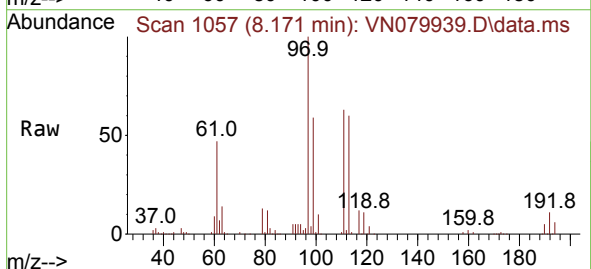
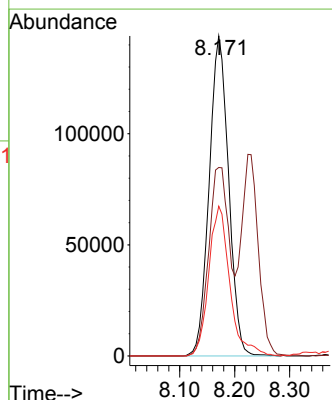
Tgt Ion: 97 Resp: 354227

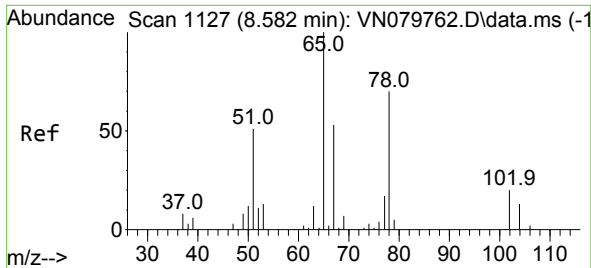
Ion Ratio Lower Upper

97 100

99 63.4 50.3 75.5

61 50.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 58.388 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Instrument :

MSVOA_N

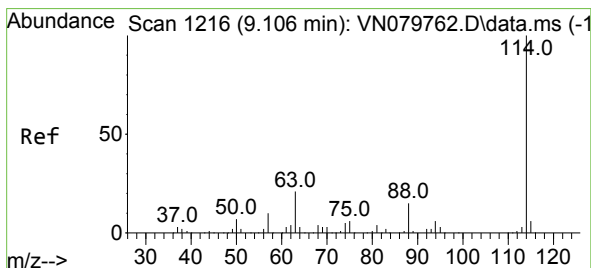
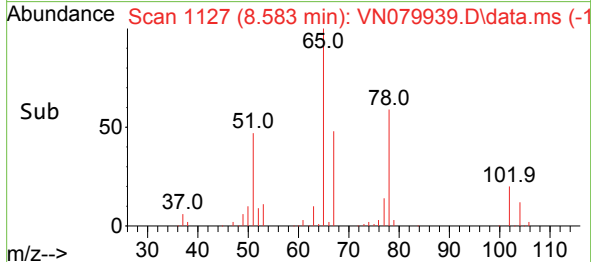
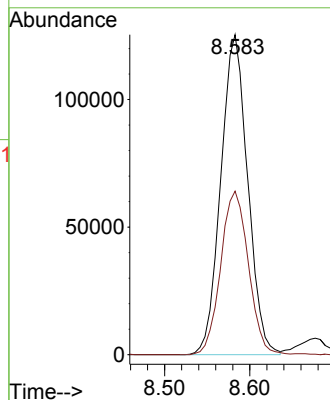
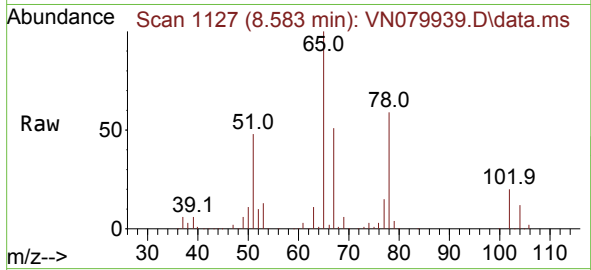
ClientSampleId :

Tgt Ion: 65 Resp: 275051

Ion Ratio Lower Upper

65 100

67 52.6 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: VN079939.D

Acq: 06 Nov 2023 21:44

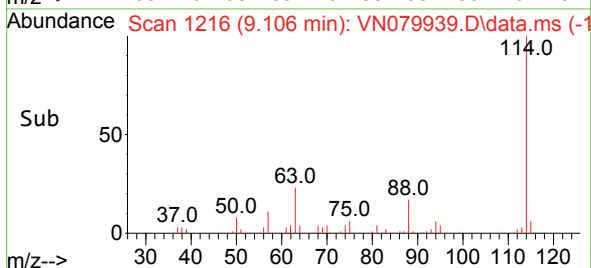
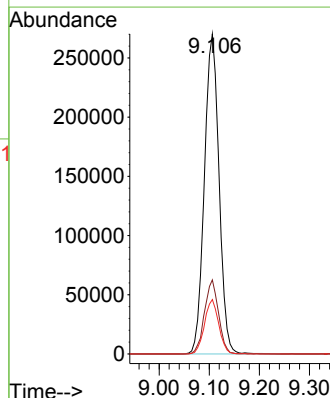
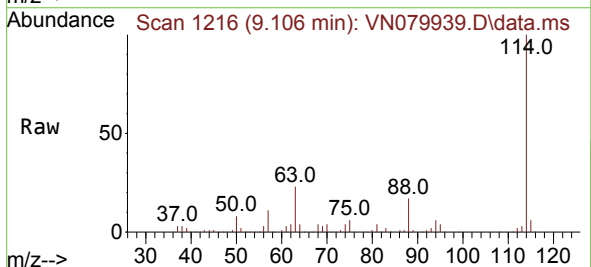
Tgt Ion: 114 Resp: 549052

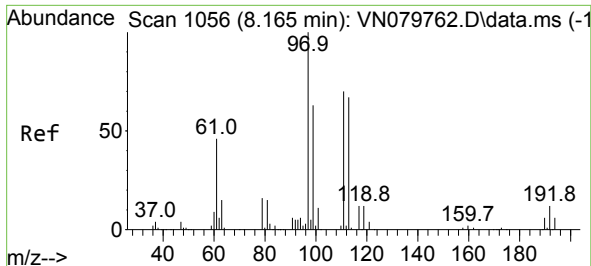
Ion Ratio Lower Upper

114 100

63 23.1 0.0 36.4

88 17.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.525 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Instrument :

MSVOA_N

ClientSampleId :

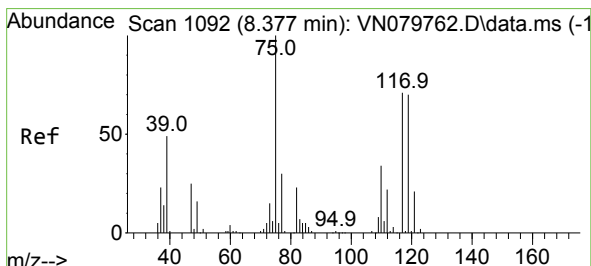
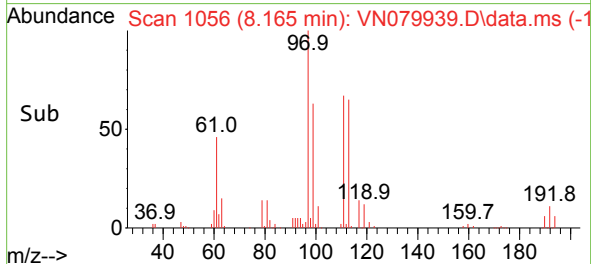
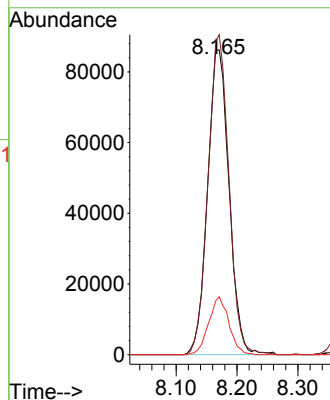
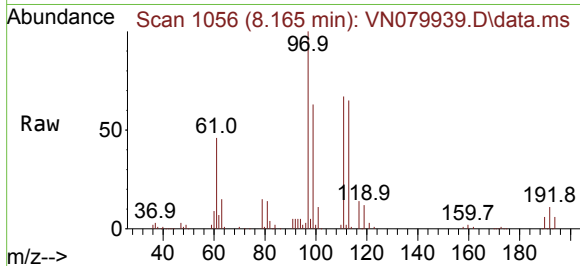
Tgt Ion:113 Resp: 211883

Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 17.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 53.793 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

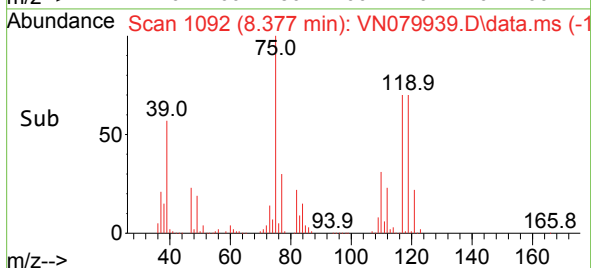
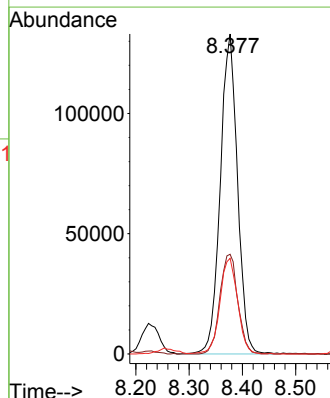
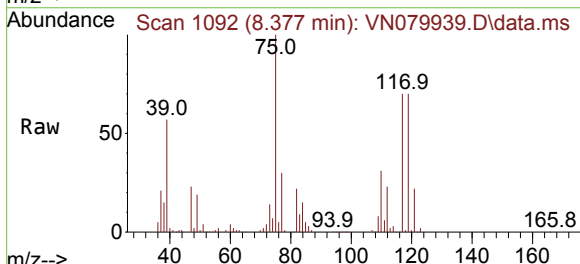
Tgt Ion: 75 Resp: 298469

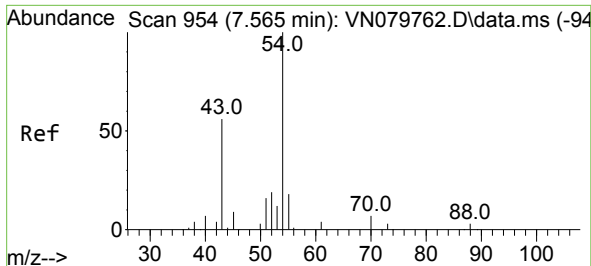
Ion Ratio Lower Upper

75 100

110 32.5 19.1 57.3

77 30.7 25.0 37.4

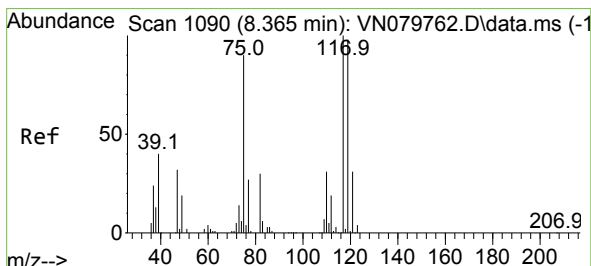
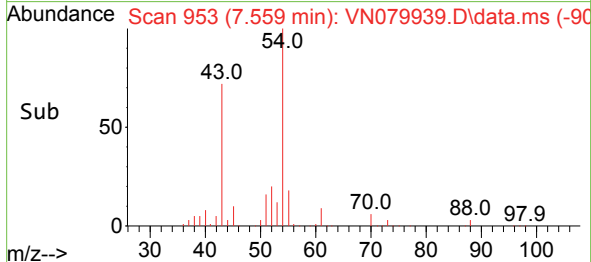
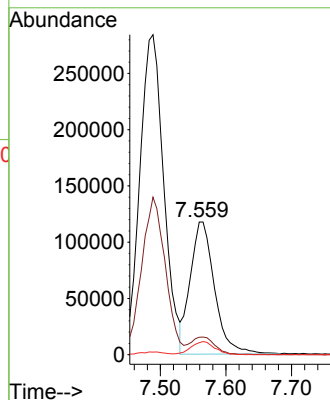
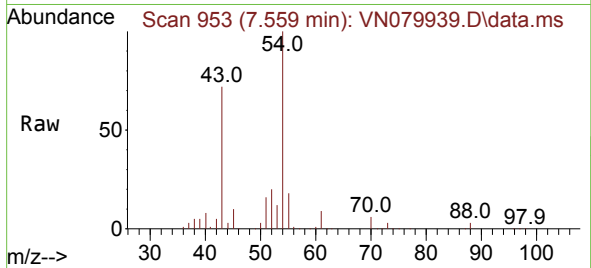




#37
Ethyl Acetate
Concen: 59.545 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

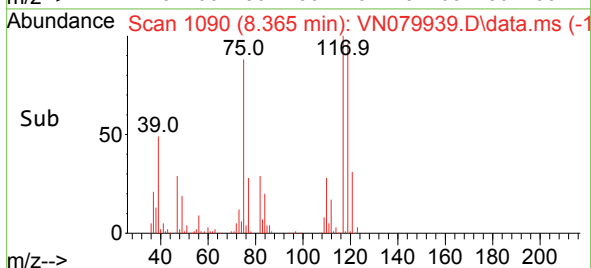
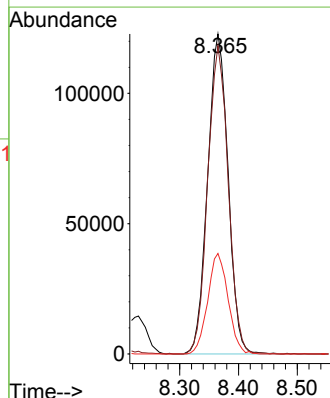
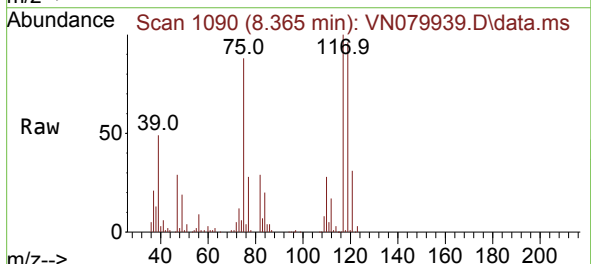
Instrument :
MSVOA_N
ClientSampleId :

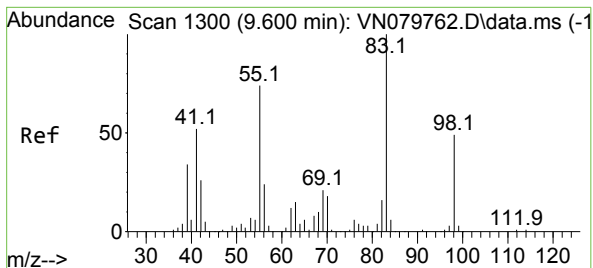
Tgt Ion: 43 Resp: 303002
Ion Ratio Lower Upper
43 100
61 12.3 13.2 19.8#
70 9.7 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 52.984 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion: 117 Resp: 296278
Ion Ratio Lower Upper
117 100
119 96.3 77.3 115.9
121 31.4 23.3 34.9





#39

Methylcyclohexane

Concen: 49.510 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Instrument :

MSVOA_N

ClientSampleId :

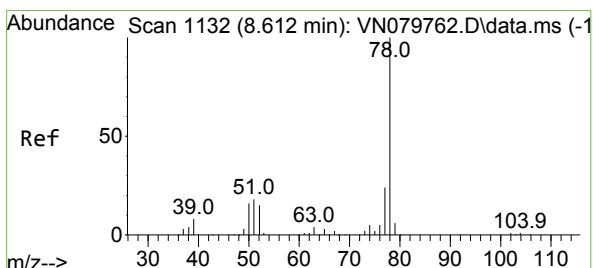
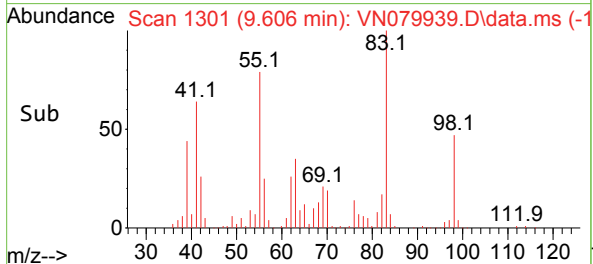
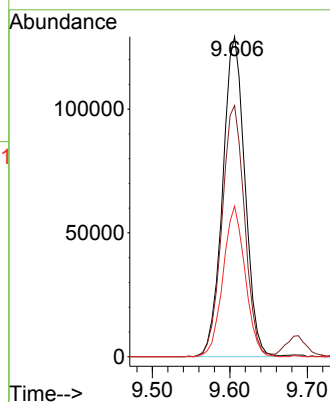
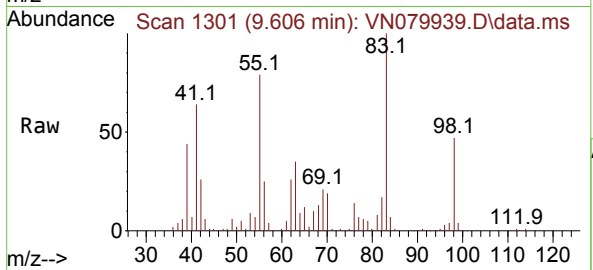
Tgt Ion: 83 Resp: 258526

Ion Ratio Lower Upper

83 100

55 78.5 49.1 73.7#

98 47.1 40.6 61.0



#40

Benzene

Concen: 54.399 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079939.D

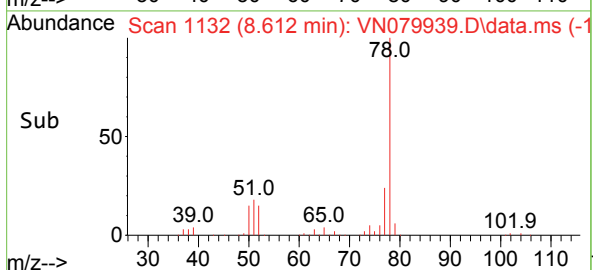
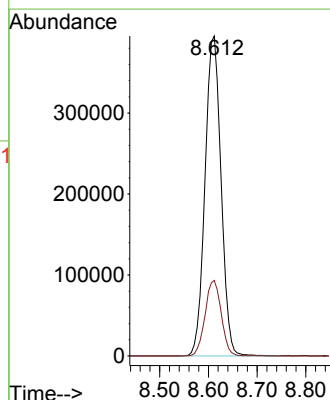
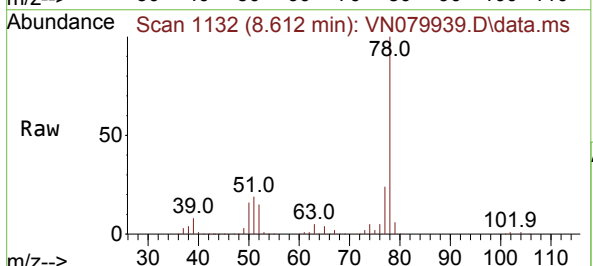
Acq: 06 Nov 2023 21:44

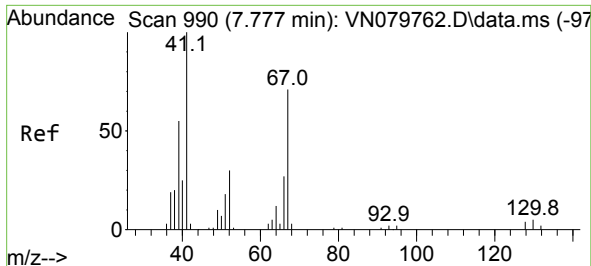
Tgt Ion: 78 Resp: 904045

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

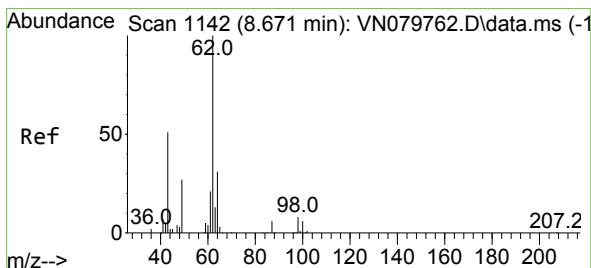
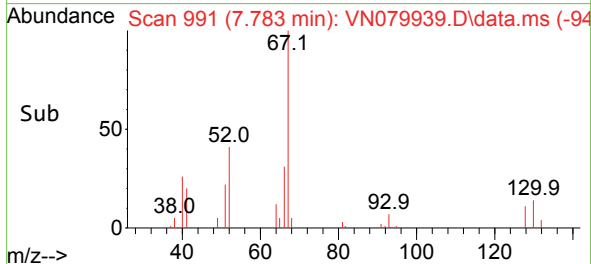
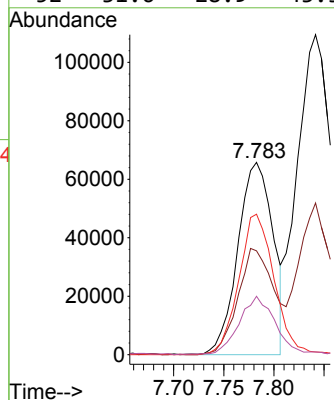
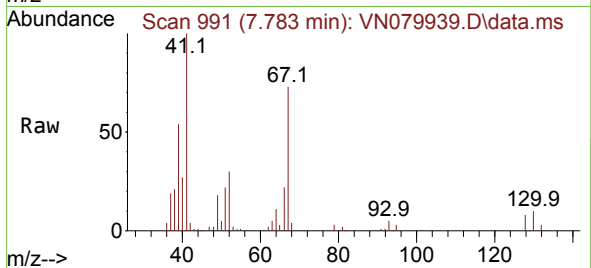




#41
Methacrylonitrile
Concen: 59.490 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

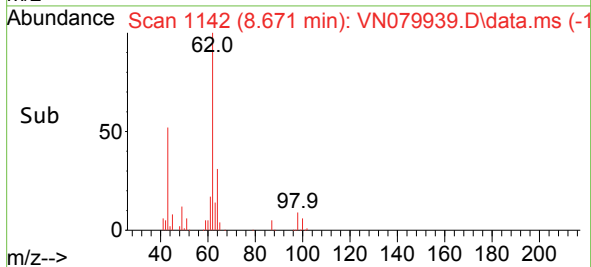
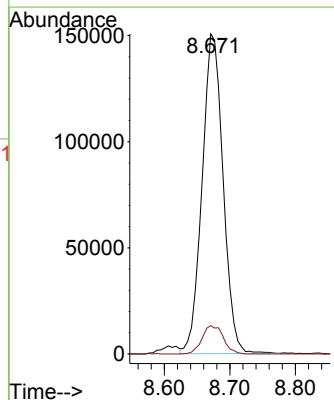
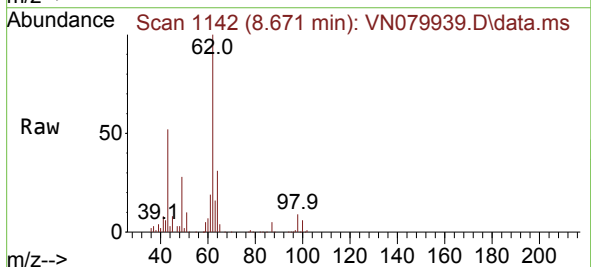
Instrument :
MSVOA_N
ClientSampleId :

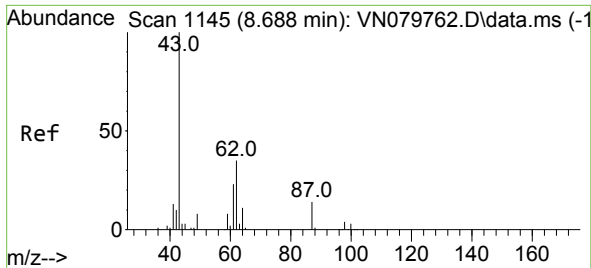
Tgt Ion: 41	Resp: 160752
Ion Ratio	Lower Upper
41 100	
39 58.0	42.6 64.0
67 73.8	77.5 116.3#
52 31.6	28.9 43.3



#42
1,2-Dichloroethane
Concen: 57.826 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion: 62	Resp: 335677
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 19.8

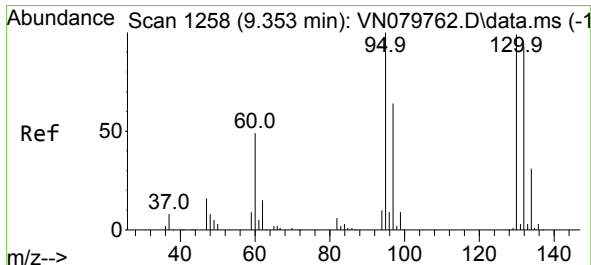
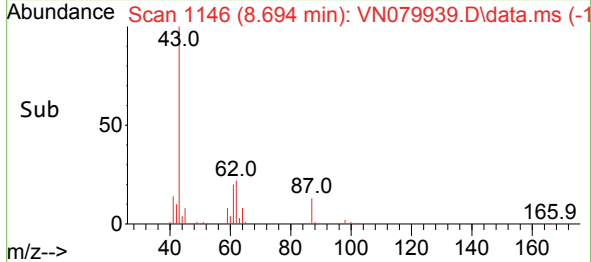
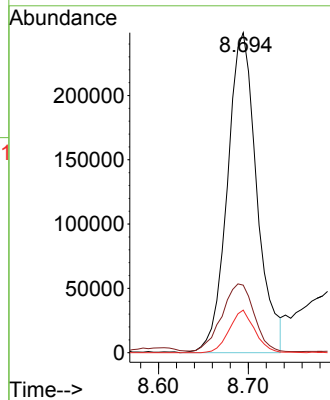
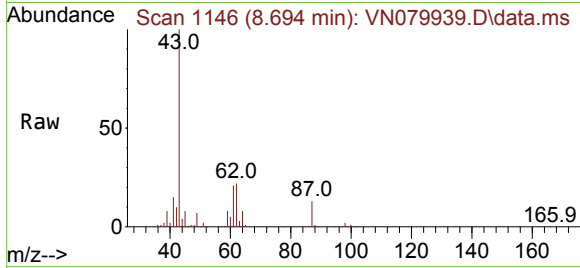




#43
Isopropyl Acetate
Concen: 63.643 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

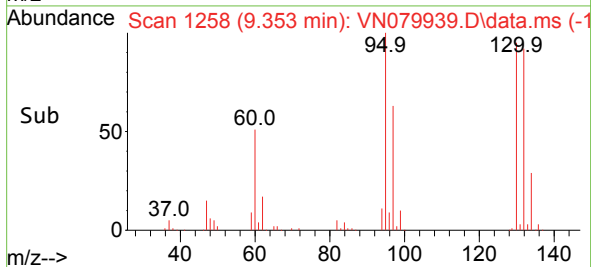
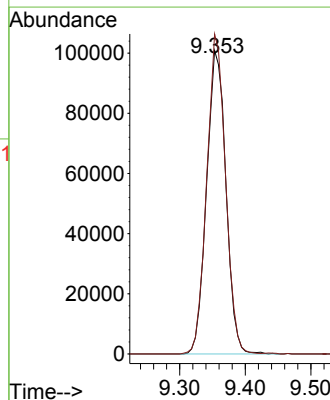
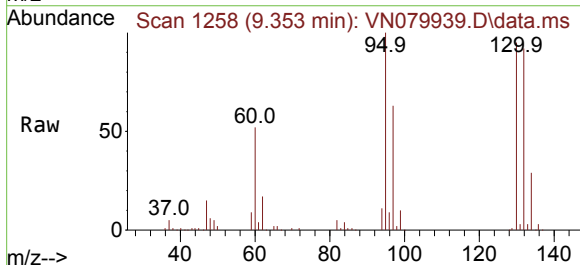
Instrument :
MSVOA_N
ClientSampleId :

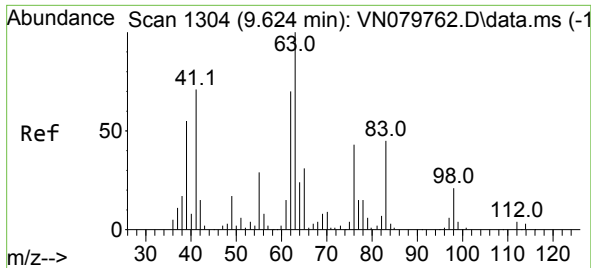
Tgt Ion: 43 Resp: 567944
Ion Ratio Lower Upper
43 100
61 23.3 24.7 37.1#
87 11.5 14.6 21.8#



#44
Trichloroethene
Concen: 50.181 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion:130 Resp: 206938
Ion Ratio Lower Upper
130 100
95 105.4 0.0 204.6

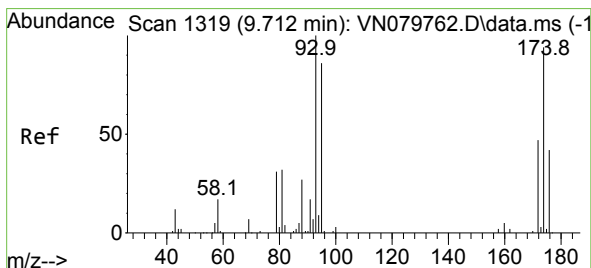
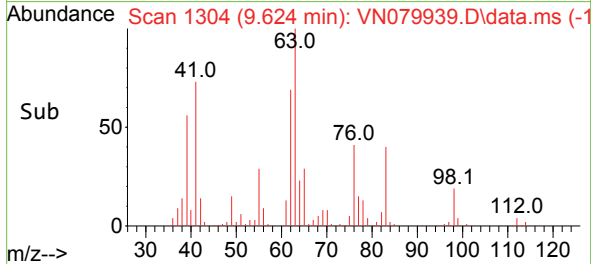
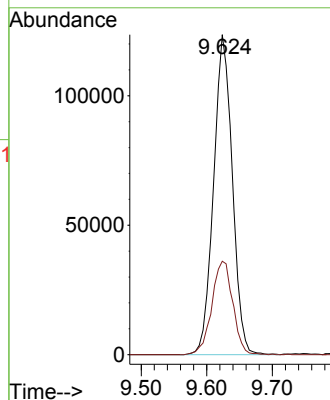
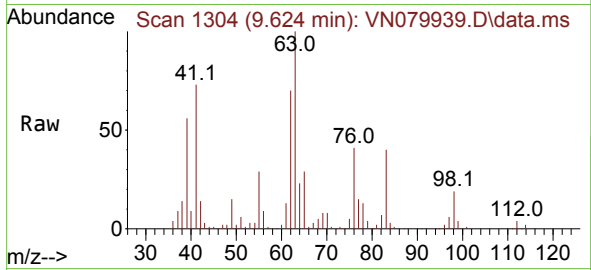




#45
1,2-Dichloropropane
Concen: 57.702 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

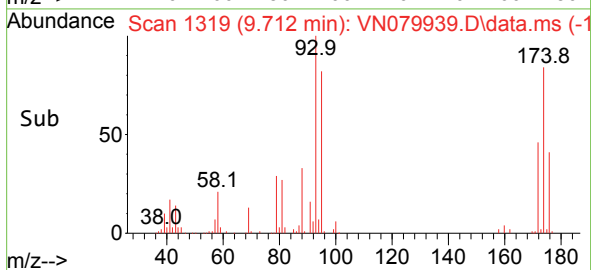
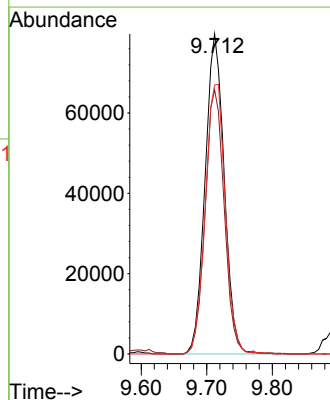
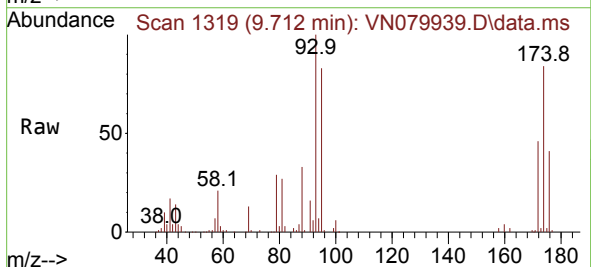
Instrument :
MSVOA_N
ClientSampleId :

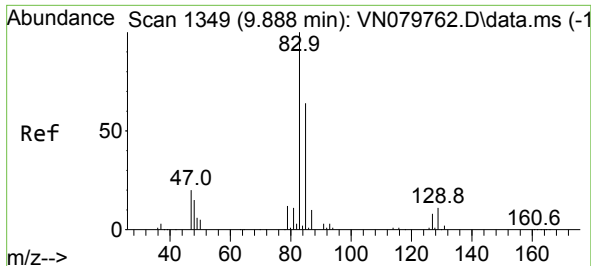
Tgt Ion: 63 Resp: 245061
Ion Ratio Lower Upper
63 100
65 29.2 23.9 35.9



#46
Dibromomethane
Concen: 55.779 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion: 93 Resp: 161753
Ion Ratio Lower Upper
93 100
95 82.5 63.8 95.8
174 88.3 65.6 98.4

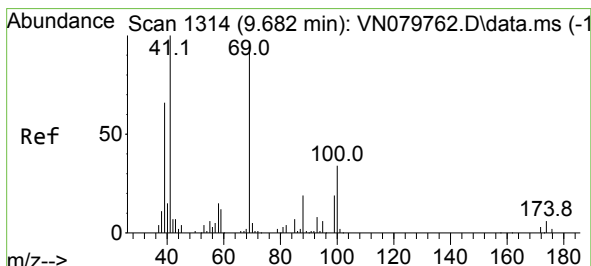
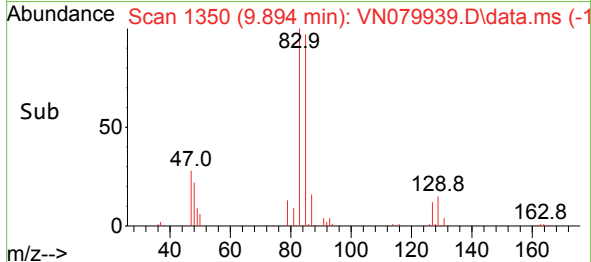
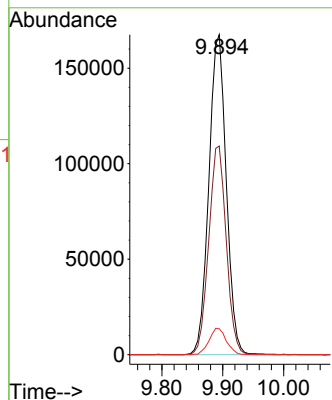
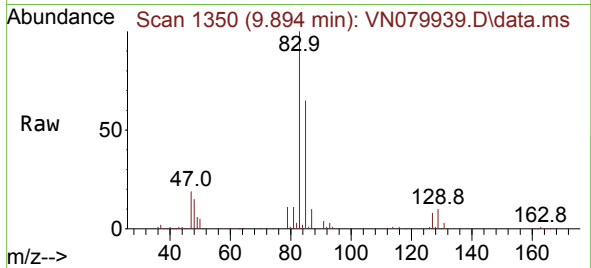




#47
Bromodichloromethane
Concen: 53.758 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

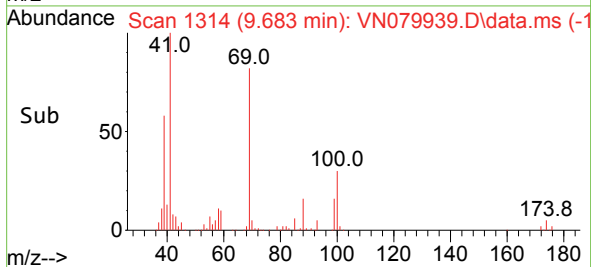
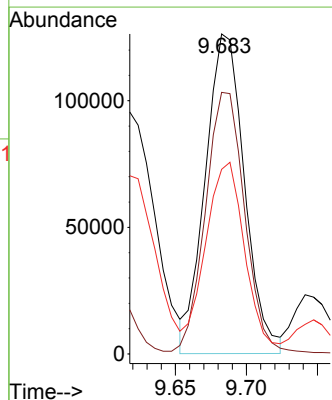
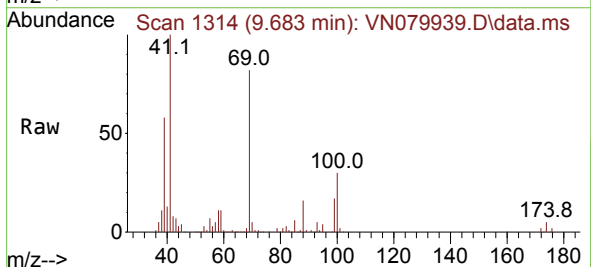
Instrument :
MSVOA_N
ClientSampleId :

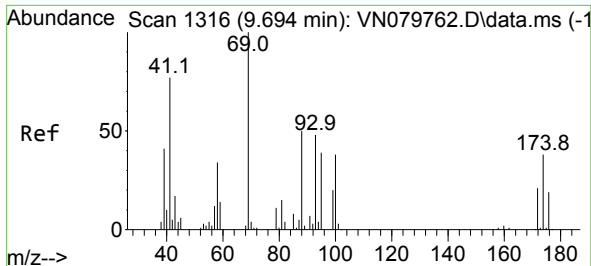
Tgt Ion: 83 Resp: 332468
Ion Ratio Lower Upper
83 100
85 65.2 49.6 74.4
127 8.1 7.0 10.6



#48
Methyl methacrylate
Concen: 62.049 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion: 41 Resp: 242536
Ion Ratio Lower Upper
41 100
69 82.3 90.4 135.6#
39 60.7 54.6 81.8





#49

1,4-Dioxane

Concen: 1222.329 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Instrument :

MSVOA_N

ClientSampleId :

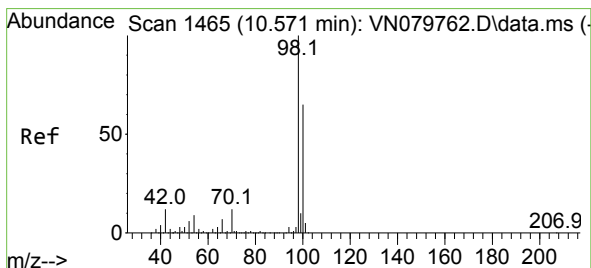
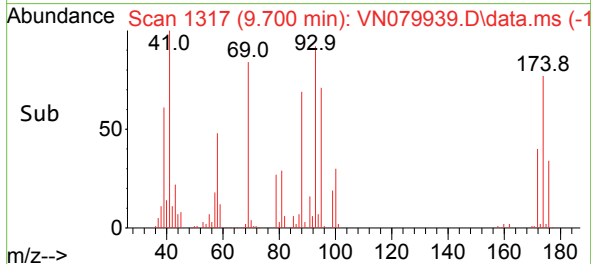
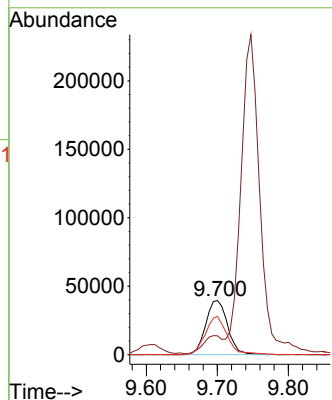
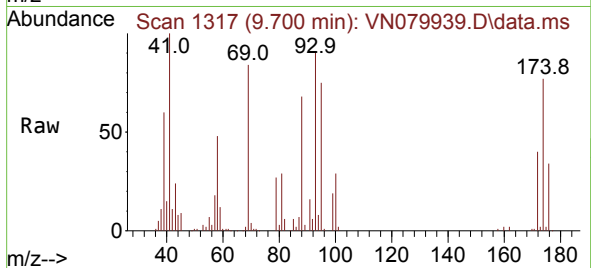
Tgt Ion: 88 Resp: 84424

Ion Ratio Lower Upper

88 100

43 27.9 17.0 25.6#

58 71.4 47.0 70.4#



#50

Toluene-d8

Concen: 54.562 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079939.D

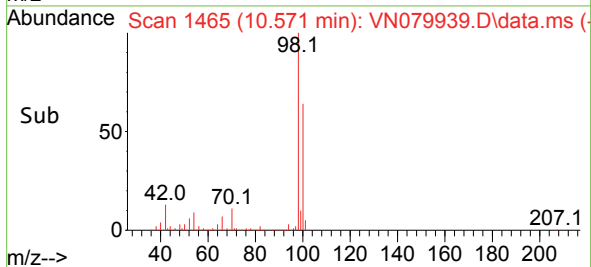
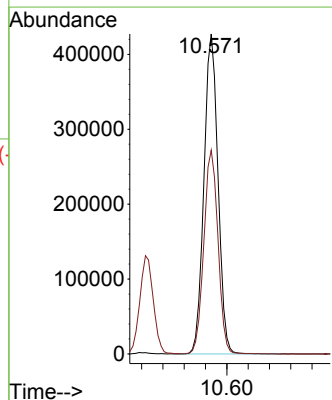
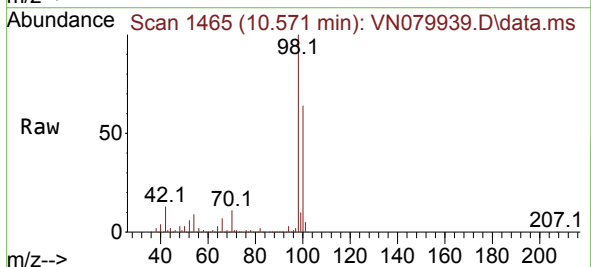
Acq: 06 Nov 2023 21:44

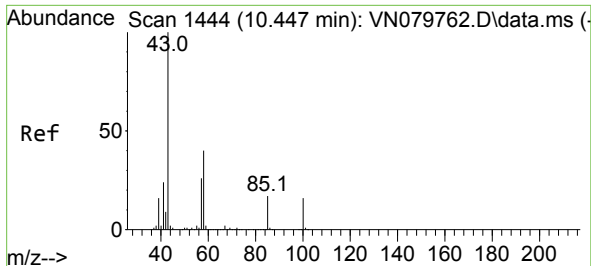
Tgt Ion: 98 Resp: 780548

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

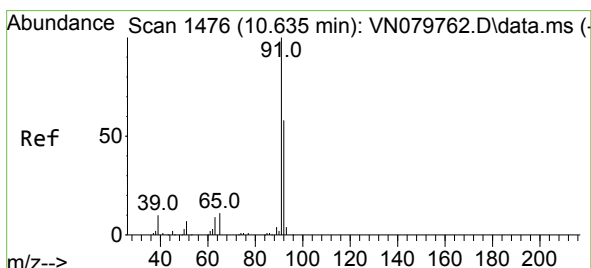
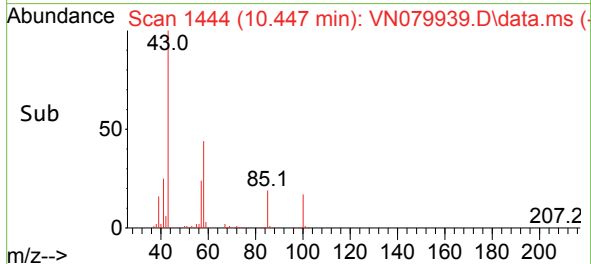
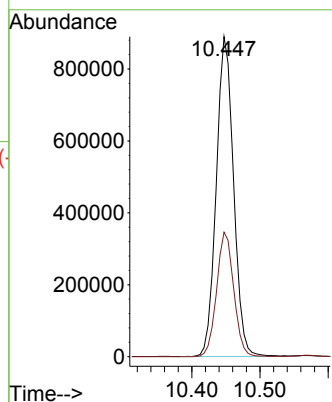
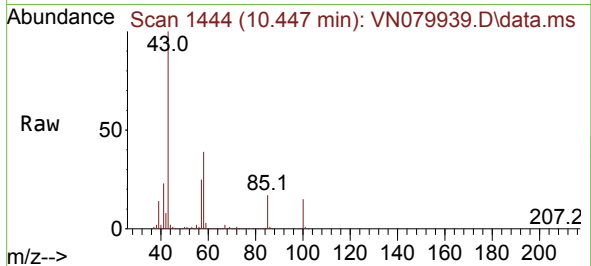




#51
4-Methyl-2-Pentanone
Concen: 312.660 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

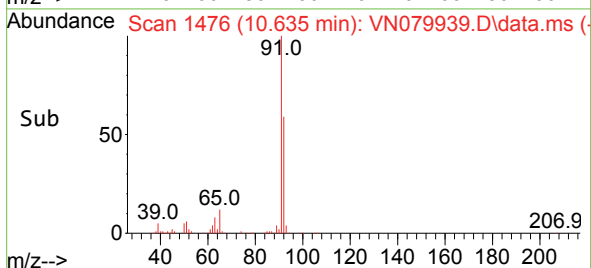
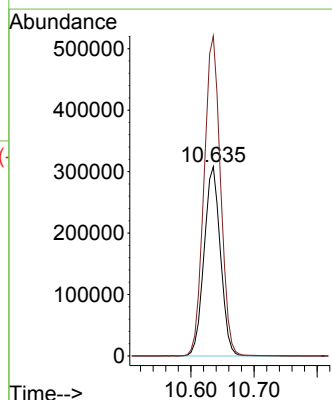
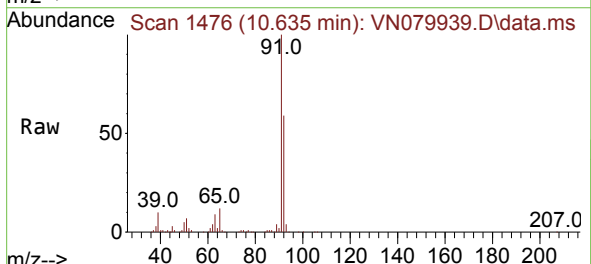
Instrument :
MSVOA_N
ClientSampleId :

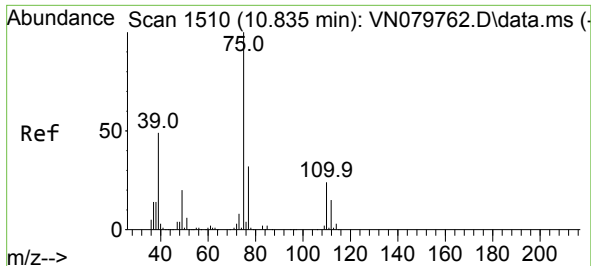
Tgt Ion: 43 Resp: 1570836
Ion Ratio Lower Upper
43 100
58 38.6 36.6 54.8



#52
Toluene
Concen: 56.215 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion: 92 Resp: 553839
Ion Ratio Lower Upper
92 100
91 170.9 137.4 206.0

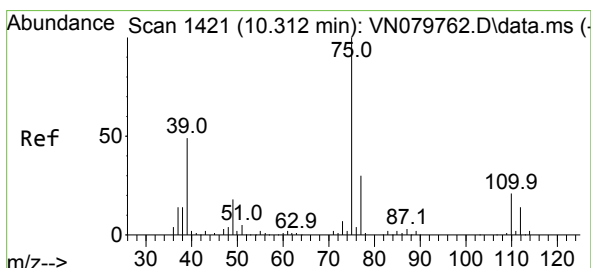
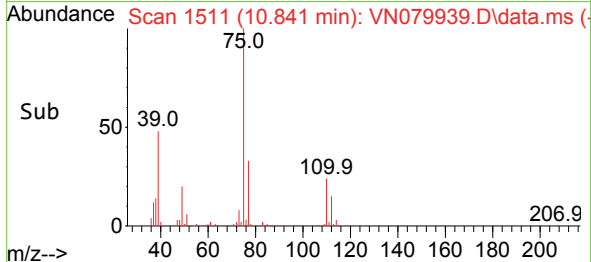
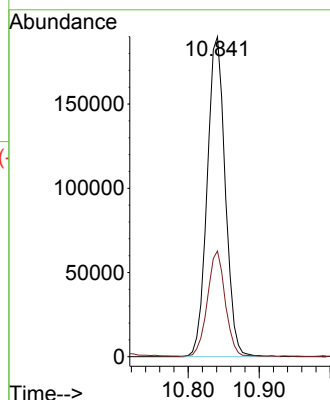
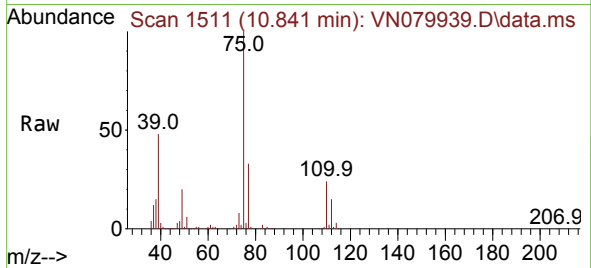




#53
 t-1,3-Dichloropropene
 Concen: 55.418 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN079939.D
 Acq: 06 Nov 2023 21:44

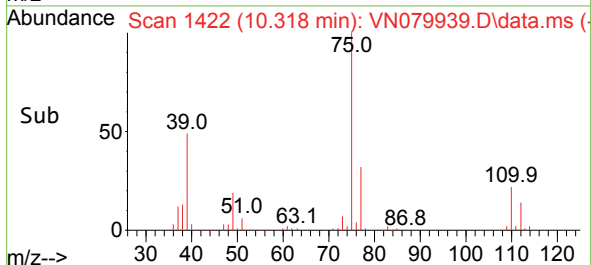
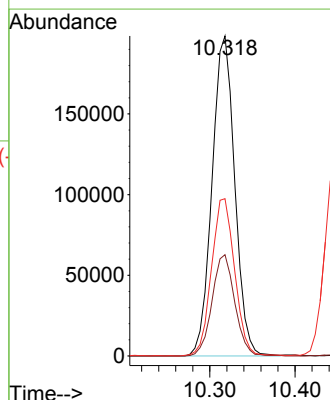
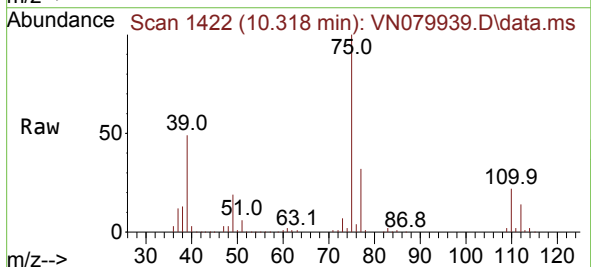
Instrument :
 MSVOA_N
 ClientSampleId :

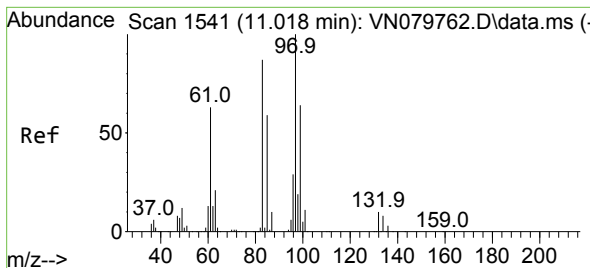
Tgt Ion: 75 Resp: 335988
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 55.539 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079939.D
 Acq: 06 Nov 2023 21:44

Tgt Ion: 75 Resp: 367020
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.1 39.1
 39 49.2 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 55.973 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 221804

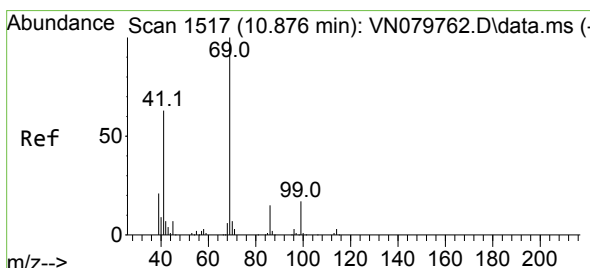
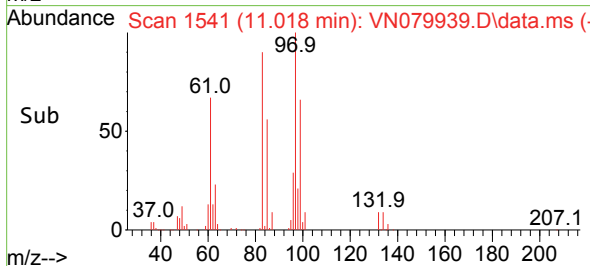
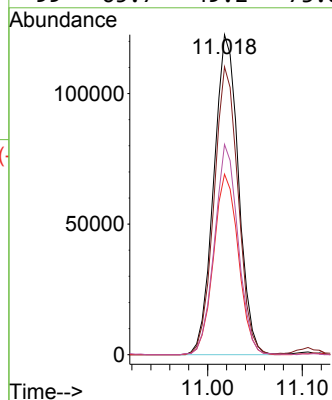
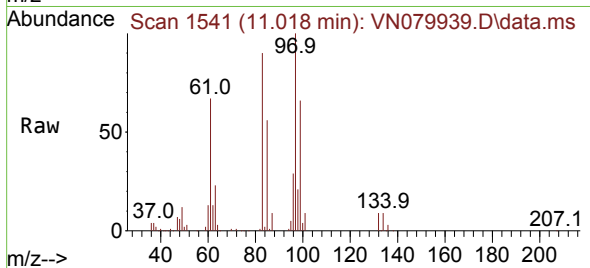
Ion Ratio Lower Upper

97 100

83 90.0 65.1 97.7

85 56.4 43.4 65.2

99 65.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 60.482 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

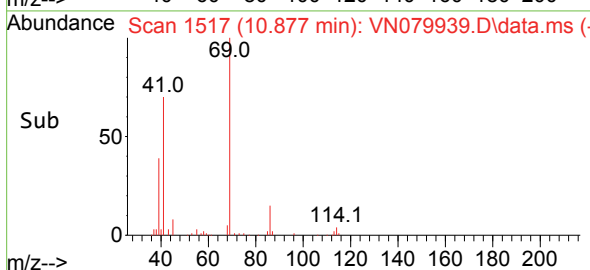
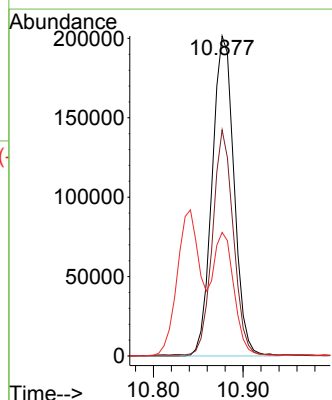
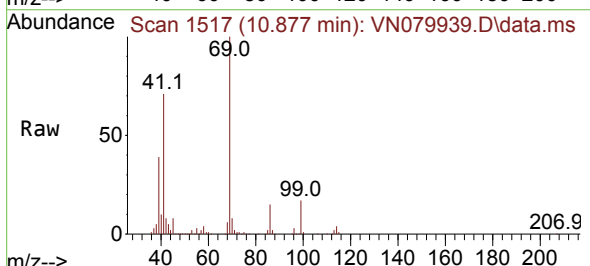
Tgt Ion: 69 Resp: 341869

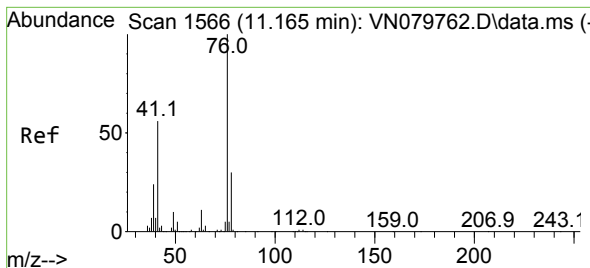
Ion Ratio Lower Upper

69 100

41 68.3 39.6 59.4#

39 36.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 57.413 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Instrument :

MSVOA_N

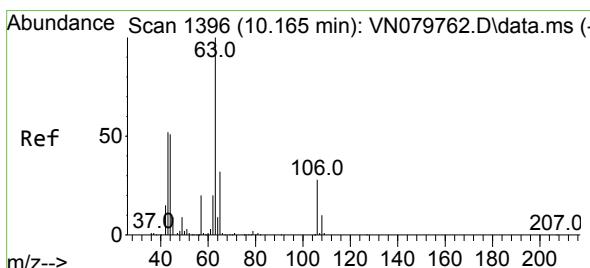
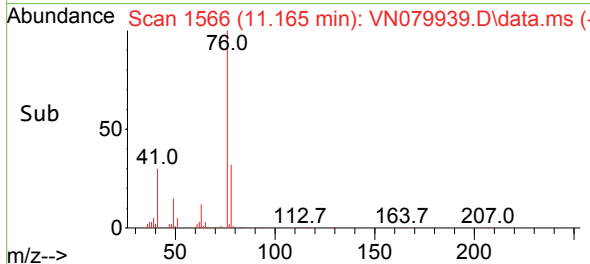
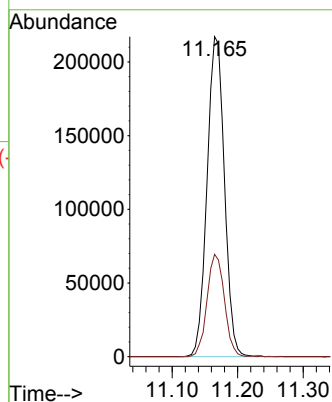
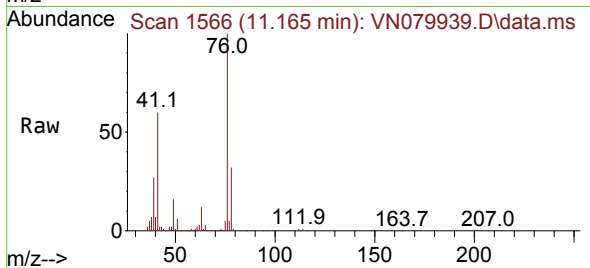
ClientSampleId :

Tgt Ion: 76 Resp: 401030

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 276.120 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079939.D

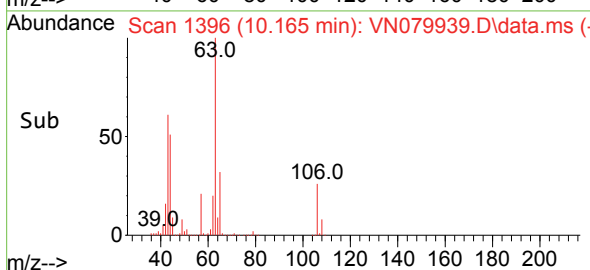
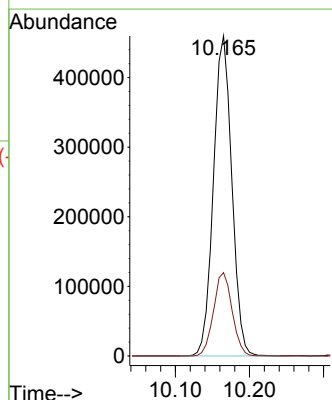
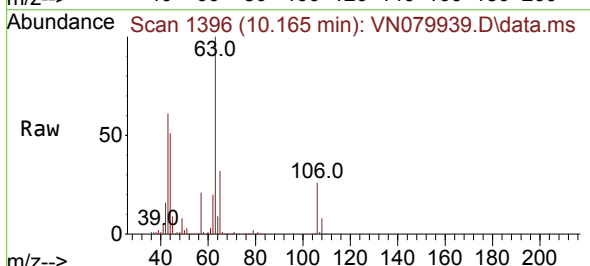
Acq: 06 Nov 2023 21:44

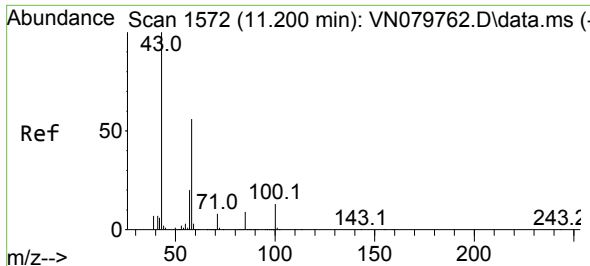
Tgt Ion: 63 Resp: 791044

Ion Ratio Lower Upper

63 100

106 26.4 26.2 39.4

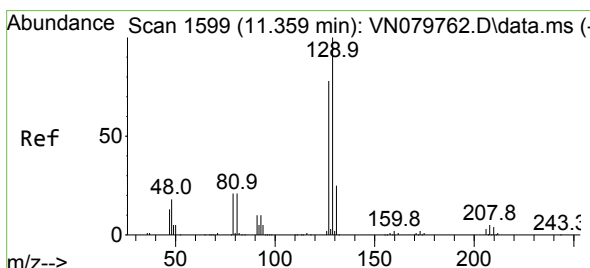
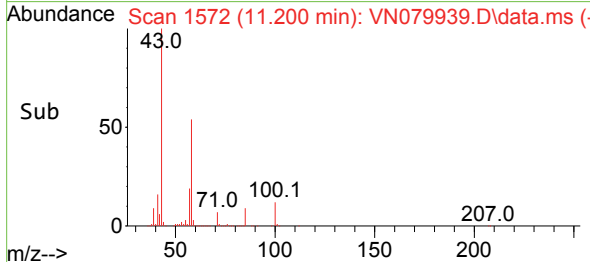
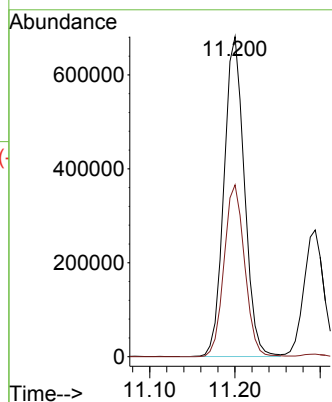
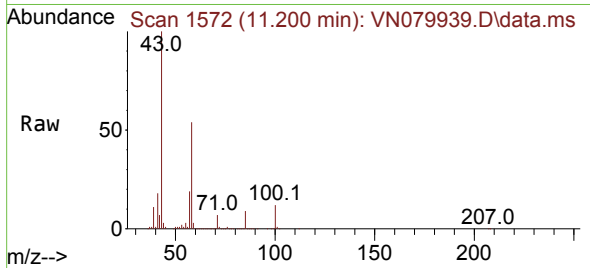




#59
2-Hexanone
Concen: 294.806 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

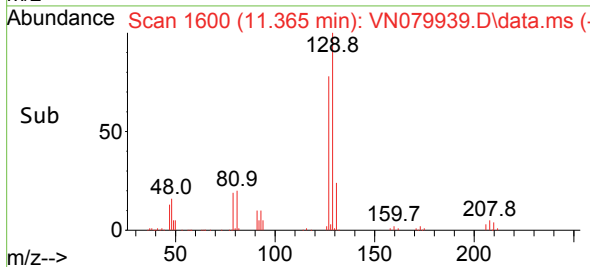
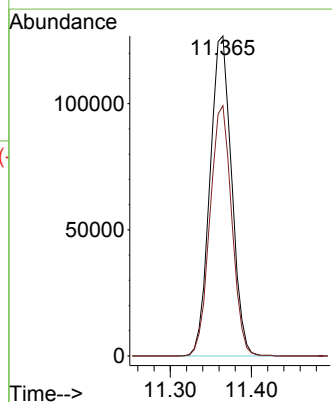
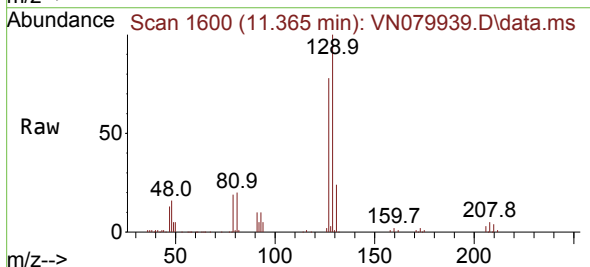
Instrument :
MSVOA_N
ClientSampleId :

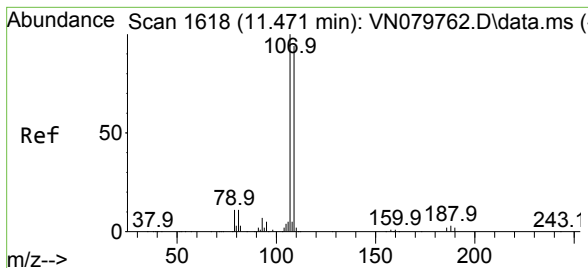
Tgt Ion: 43 Resp: 1133069
Ion Ratio Lower Upper
43 100
58 54.3 31.7 95.1



#60
Dibromochloromethane
Concen: 55.455 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion: 129 Resp: 235225
Ion Ratio Lower Upper
129 100
127 78.6 38.6 116.0

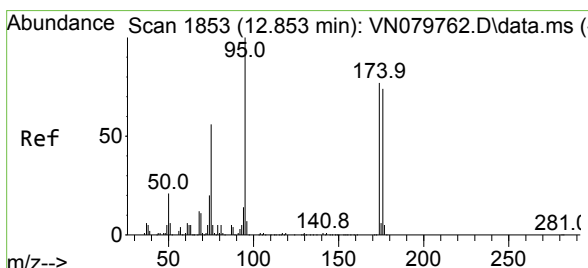
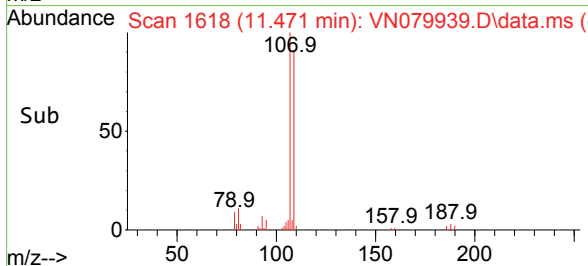
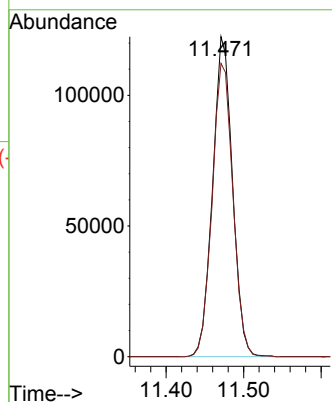
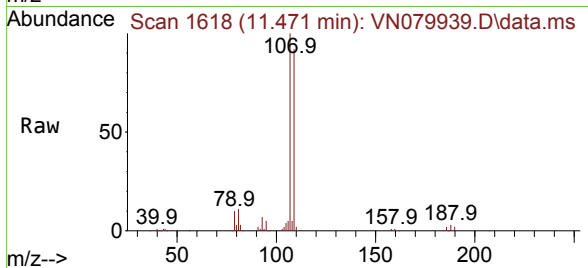




#61
1,2-Dibromoethane
Concen: 54.978 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

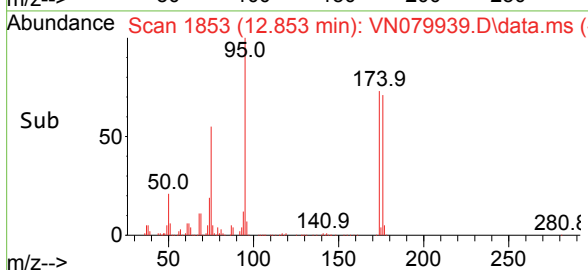
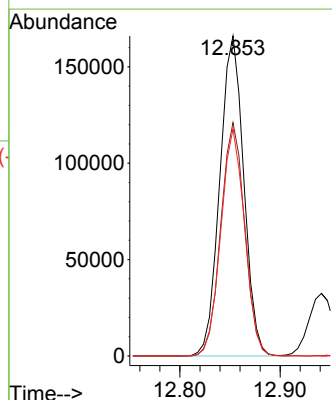
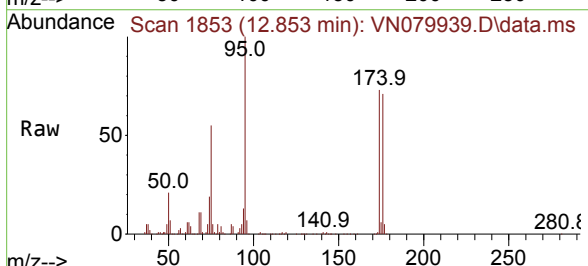
Instrument :
MSVOA_N
ClientSampleId :

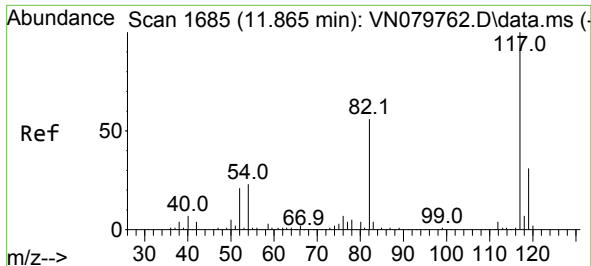
Tgt Ion:107 Resp: 218668
Ion Ratio Lower Upper
107 100
109 95.4 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 57.989 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion: 95 Resp: 275128
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 70.6 0.0 135.8

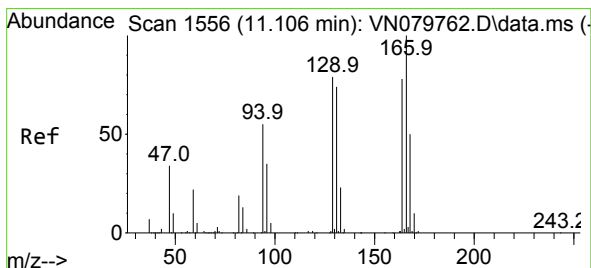
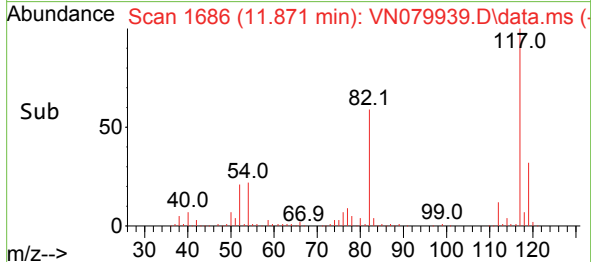
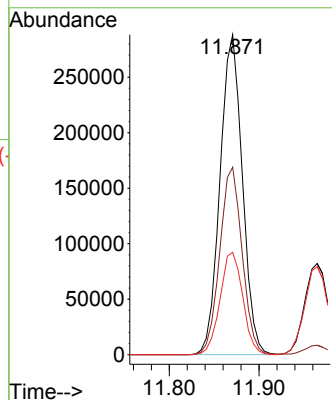
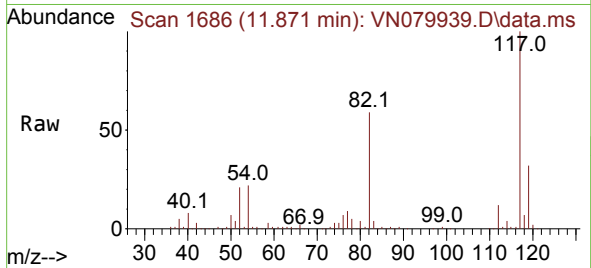




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

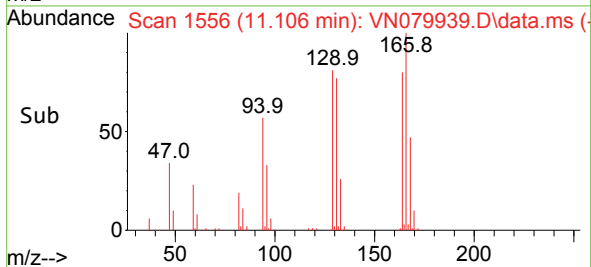
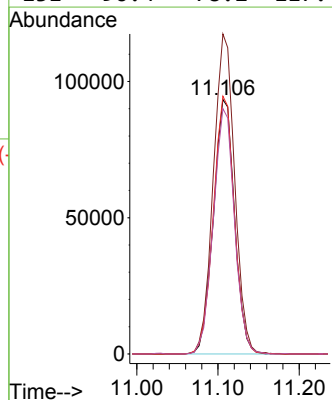
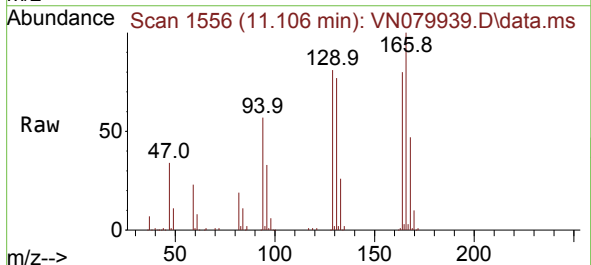
Instrument :
MSVOA_N
ClientSampleId :

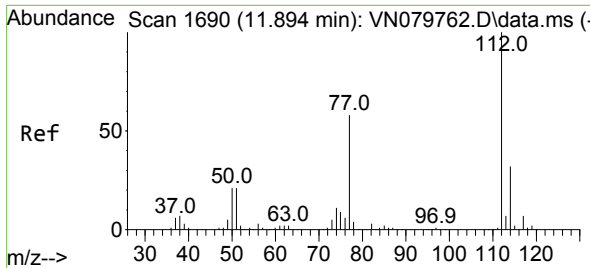
Tgt Ion:117 Resp: 498307
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 52.421 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion:164 Resp: 169180
Ion Ratio Lower Upper
164 100
166 125.8 101.4 152.0
129 101.3 82.4 123.6
131 96.4 78.2 117.4

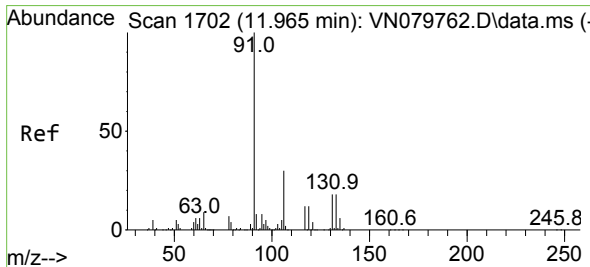
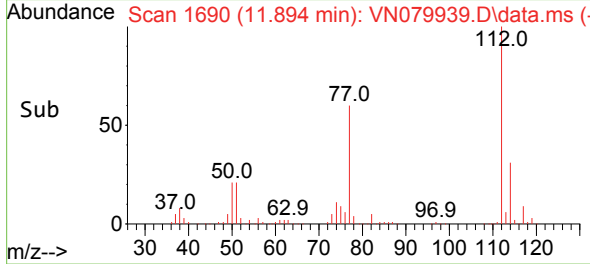
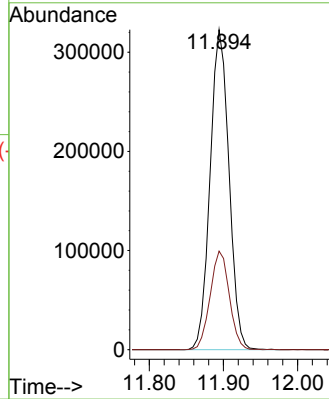
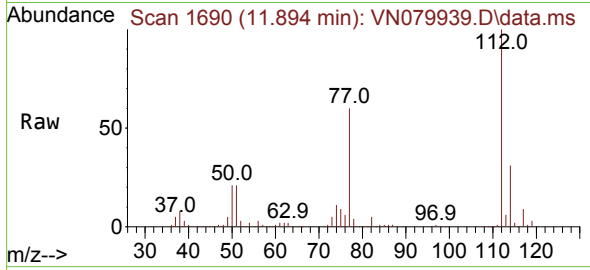




#65
Chlorobenzene
Concen: 52.764 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

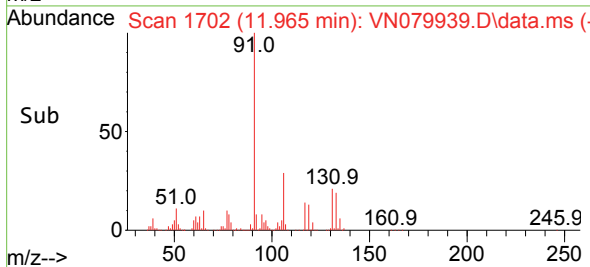
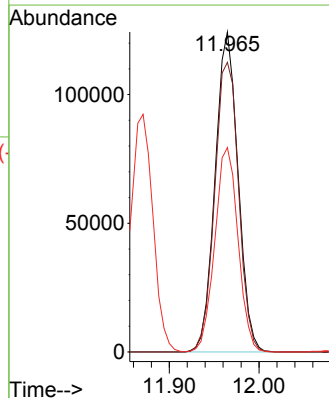
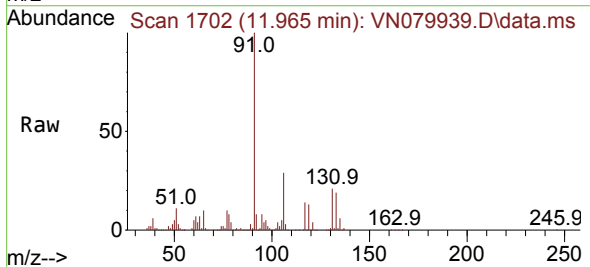
Instrument :
MSVOA_N
ClientSampleId :

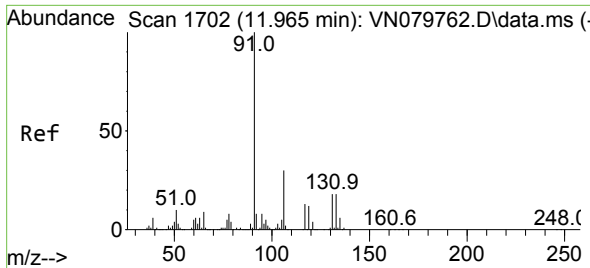
Tgt Ion:112 Resp: 570334
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 56.656 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion:131 Resp: 220646
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.1
119 64.7 34.1 102.2

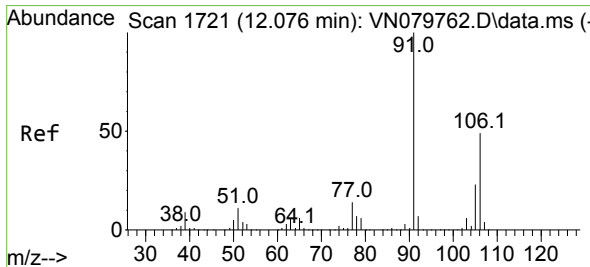
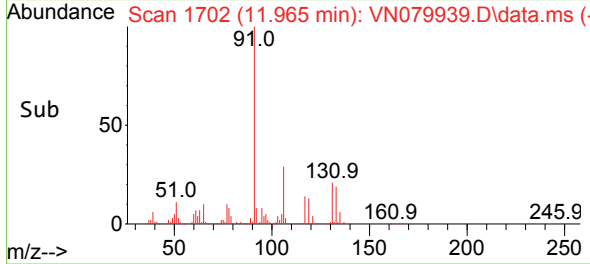
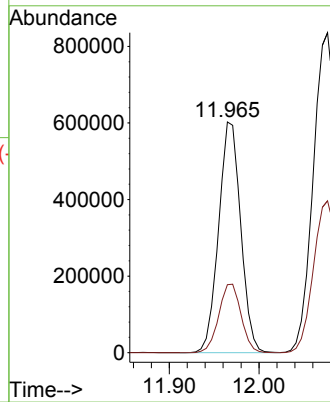
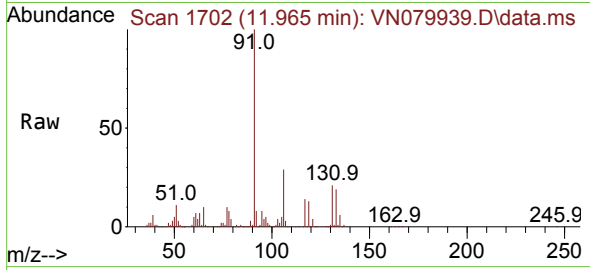




#67
Ethyl Benzene
Concen: 54.737 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

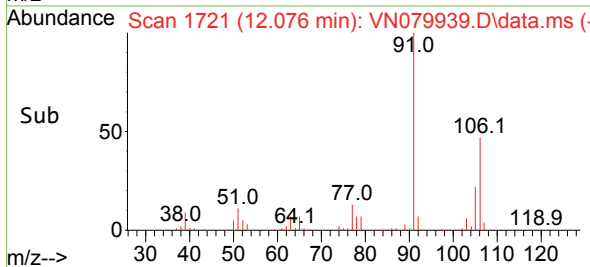
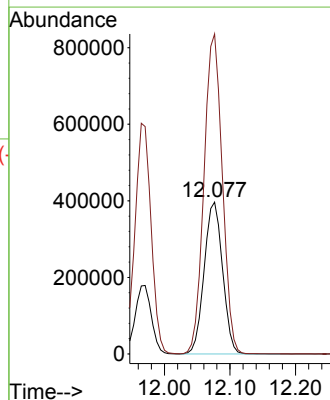
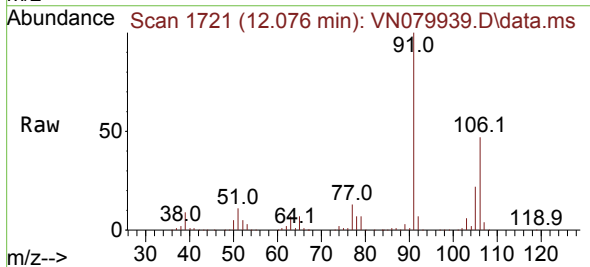
Instrument :
MSVOA_N
ClientSampleId :

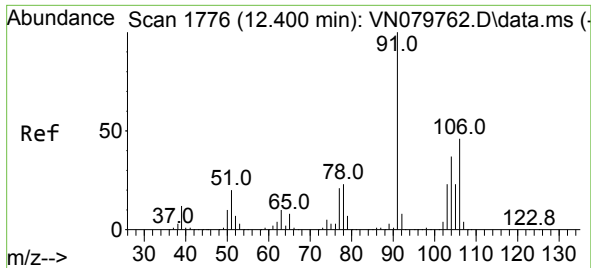
Tgt Ion: 91 Resp: 1030833
Ion Ratio Lower Upper
91 100
106 29.5 25.6 38.4



#68
m/p-Xylenes
Concen: 110.337 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion:106 Resp: 774055
Ion Ratio Lower Upper
106 100
91 210.1 159.6 239.4

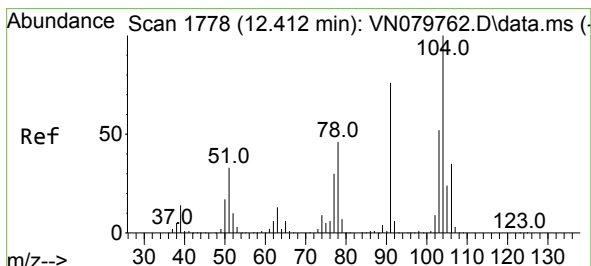
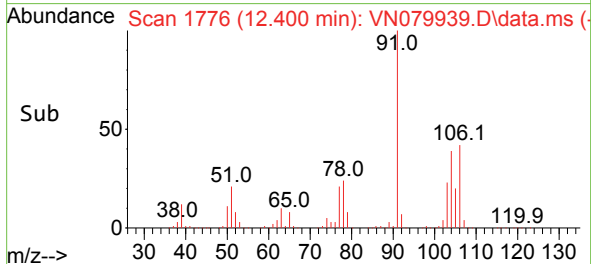
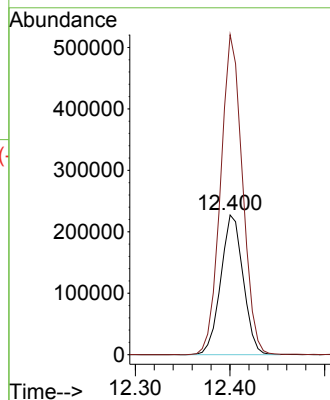
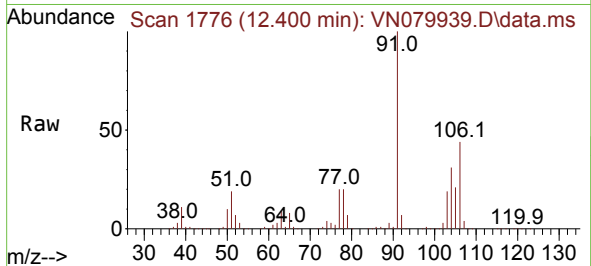




#69
o-Xylene
Concen: 55.440 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

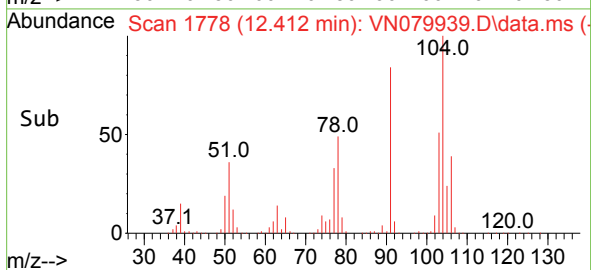
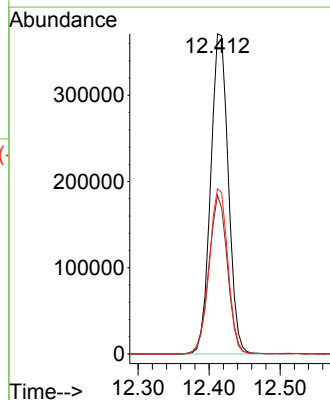
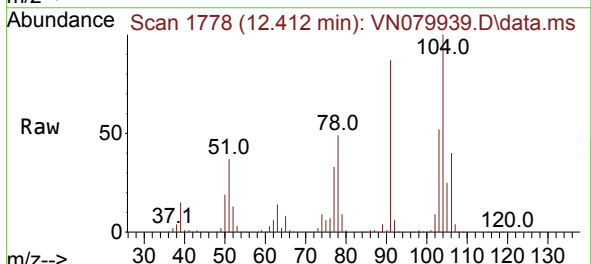
Instrument :
MSVOA_N
ClientSampleId :

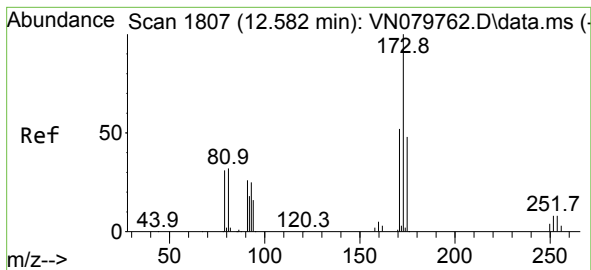
Tgt Ion:106 Resp: 374521
Ion Ratio Lower Upper
106 100
91 223.9 105.2 315.5



#70
Styrene
Concen: 59.225 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion:104 Resp: 642977
Ion Ratio Lower Upper
104 100
78 51.8 39.5 59.3
103 54.6 43.2 64.8





#71

Bromoform

Concen: 58.340 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Instrument :

MSVOA_N

ClientSampleId :

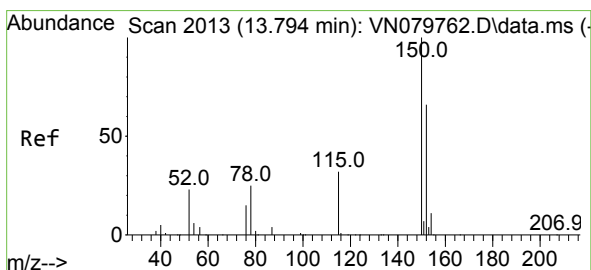
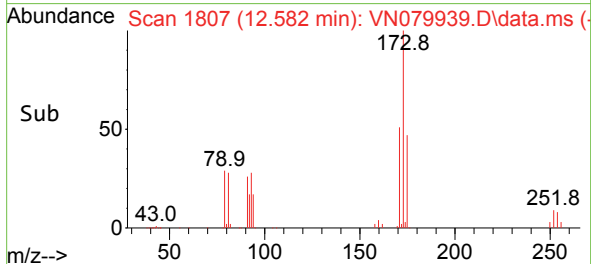
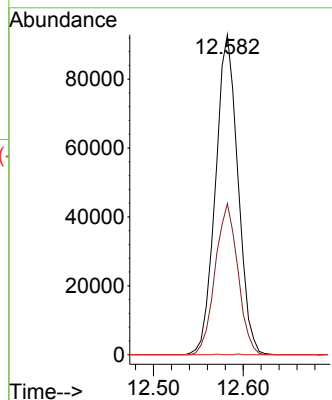
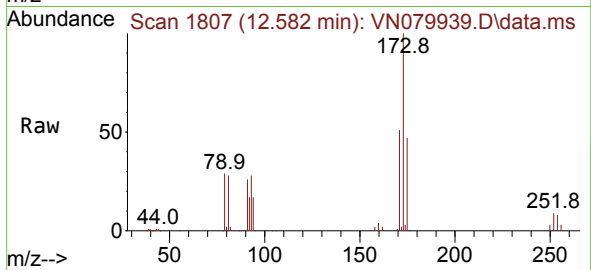
Tgt Ion:173 Resp: 161332

Ion Ratio Lower Upper

173 100

175 47.7 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: VN079939.D

Acq: 06 Nov 2023 21:44

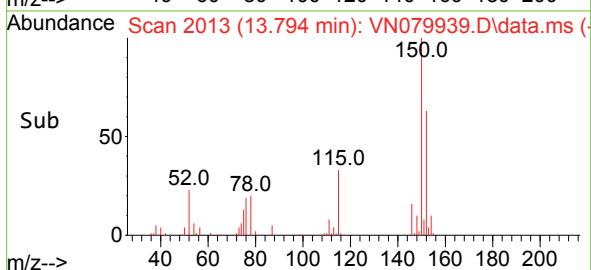
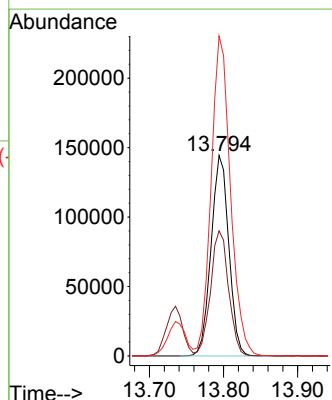
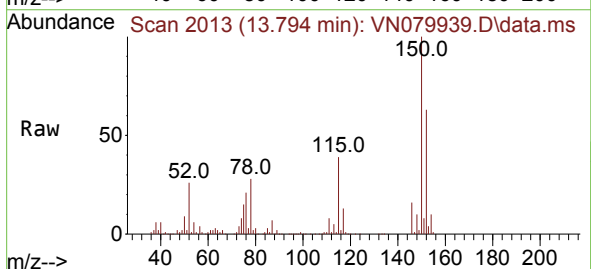
Tgt Ion:152 Resp: 240398

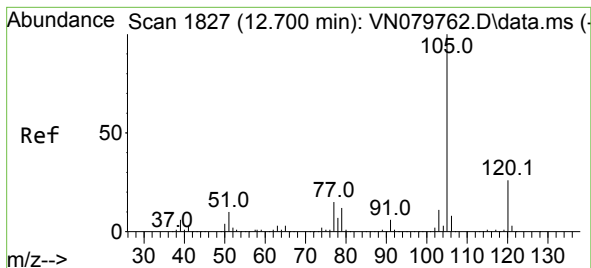
Ion Ratio Lower Upper

152 100

115 63.6 32.3 96.8

150 173.5 0.0 355.8





#73

Isopropylbenzene

Concen: 50.859 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Instrument :

MSVOA_N

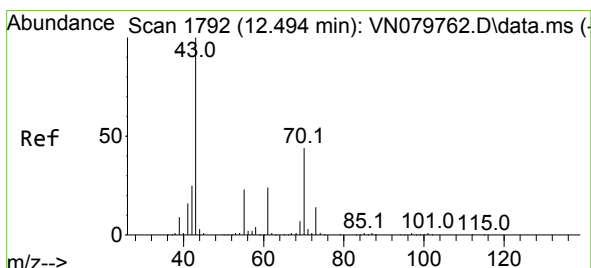
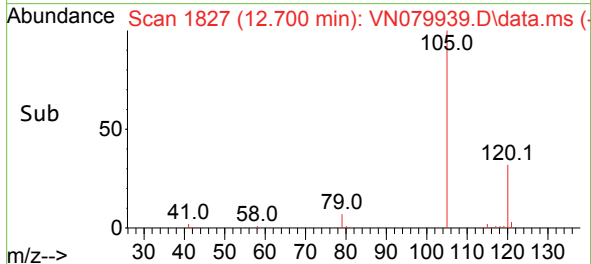
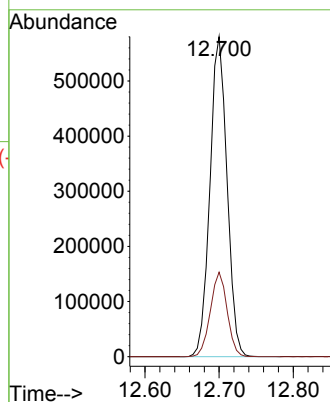
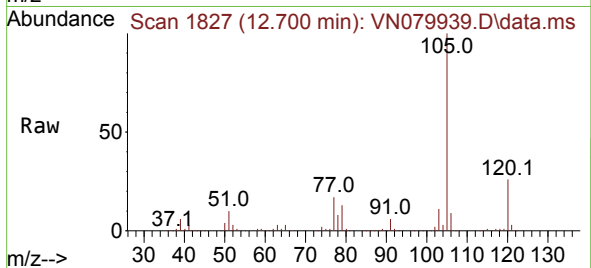
ClientSampleId :

Tgt Ion:105 Resp: 927916

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 53.585 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Tgt Ion: 43 Resp: 426730

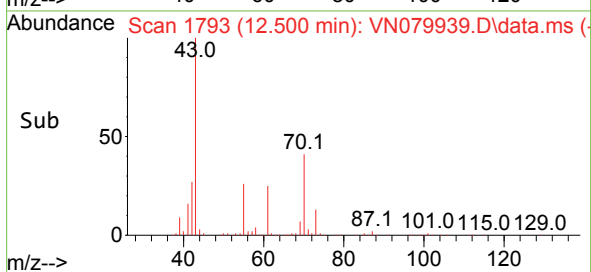
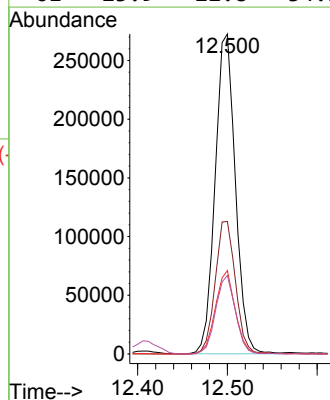
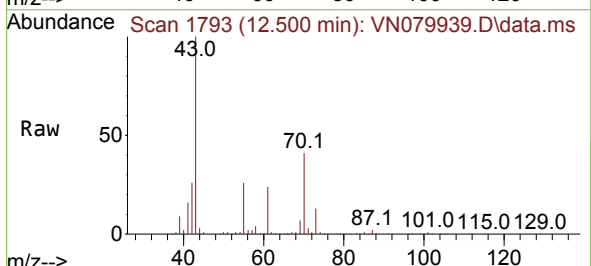
Ion Ratio Lower Upper

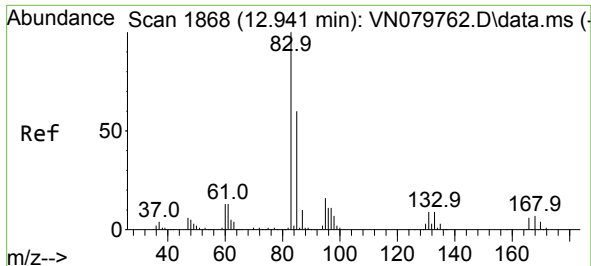
43 100

70 41.8 43.4 65.2#

55 25.9 21.4 32.0

61 23.9 22.8 34.2

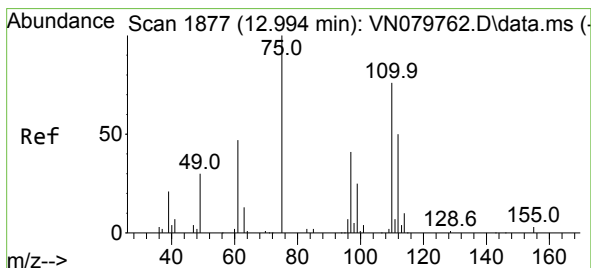
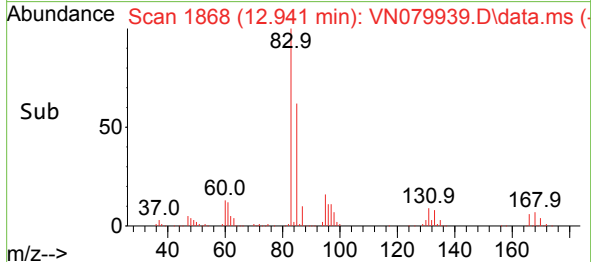
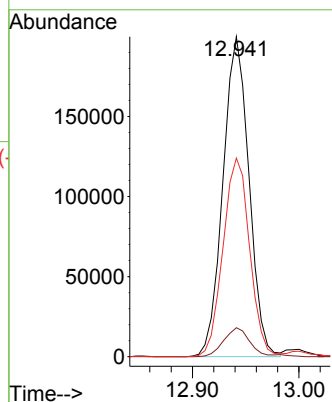
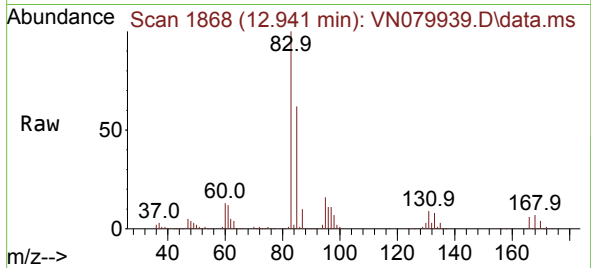




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.346 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN079939.D
 Acq: 06 Nov 2023 21:44

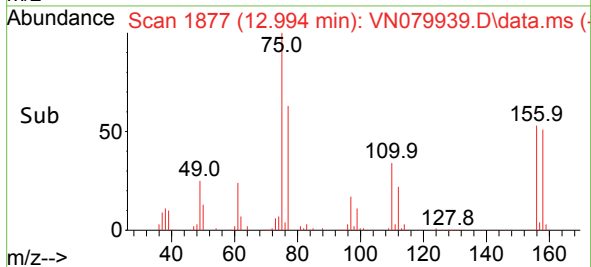
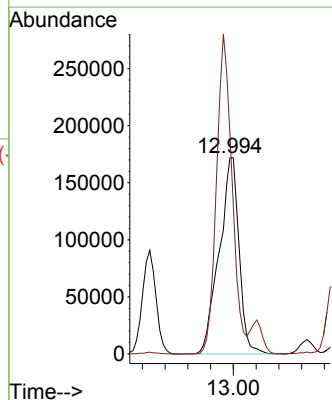
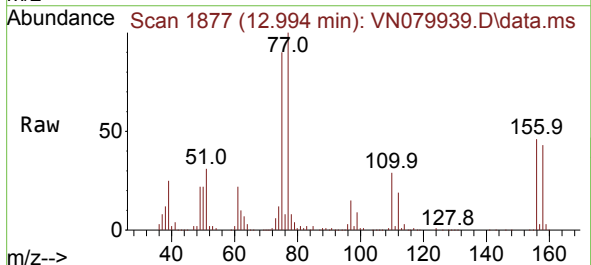
Instrument :
 MSVOA_N
 ClientSampleId :

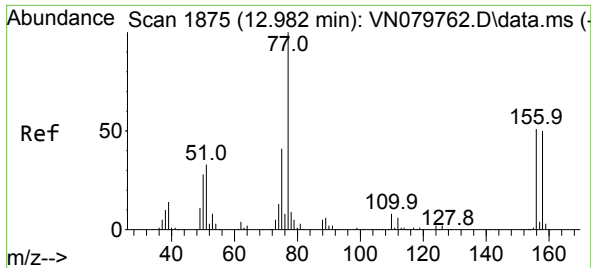
Tgt Ion: 83 Resp: 338615
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.0 15.0
 85 63.4 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 74.050 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN079939.D
 Acq: 06 Nov 2023 21:44

Tgt Ion: 75 Resp: 417924
 Ion Ratio Lower Upper
 75 100
 77 127.9 84.5 253.5

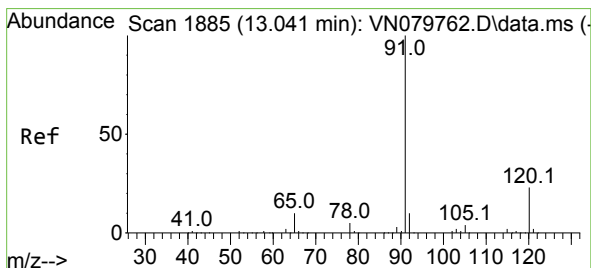
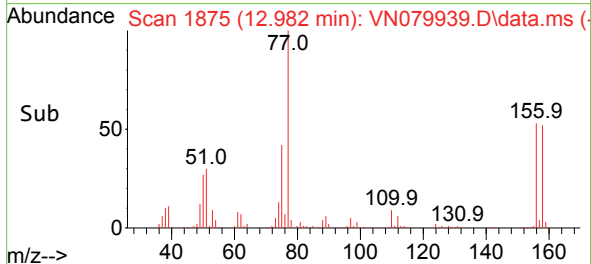
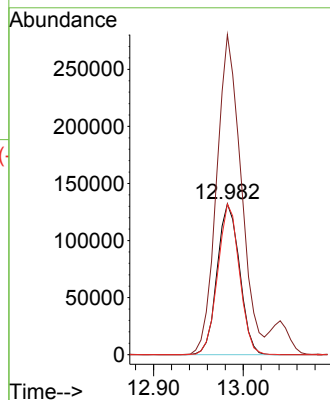
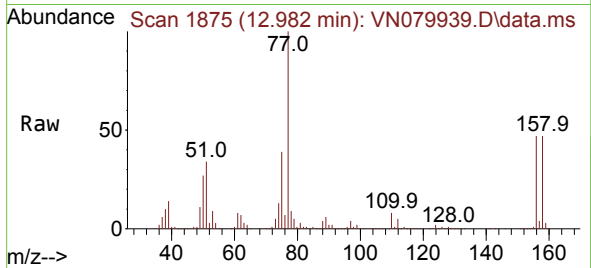




#77
Bromobenzene
Concen: 51.212 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

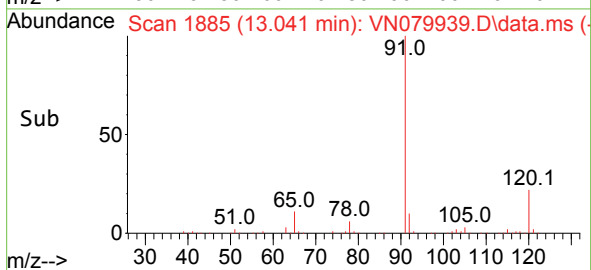
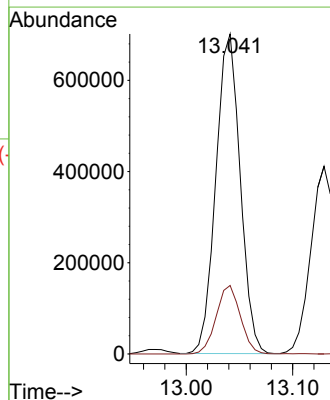
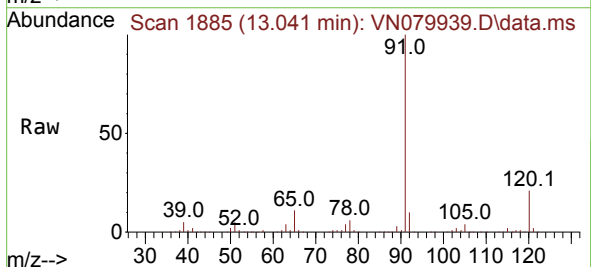
Instrument :
MSVOA_N
ClientSampleId :

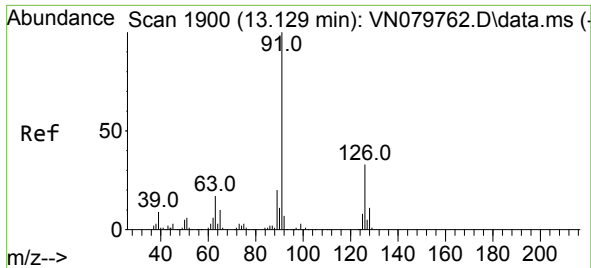
Tgt Ion:156 Resp: 228754
Ion Ratio Lower Upper
156 100
77 233.6 107.7 323.3
158 97.0 48.4 145.3



#78
n-propylbenzene
Concen: 53.156 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion: 91 Resp: 1110590
Ion Ratio Lower Upper
91 100
120 21.2 11.5 34.4

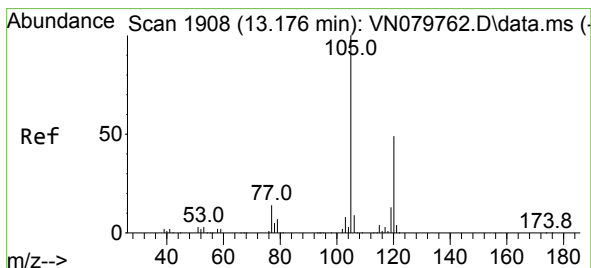
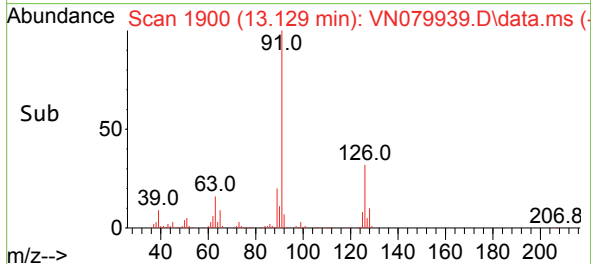
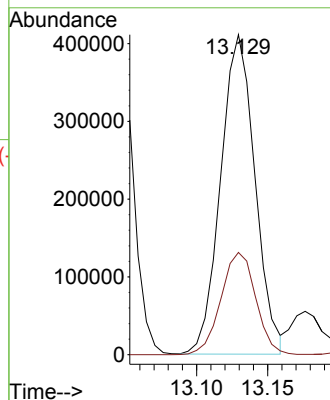
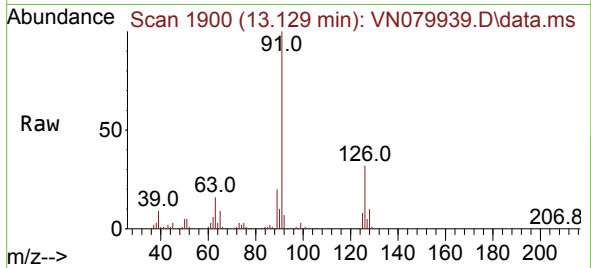




#79
2-Chlorotoluene
Concen: 51.815 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

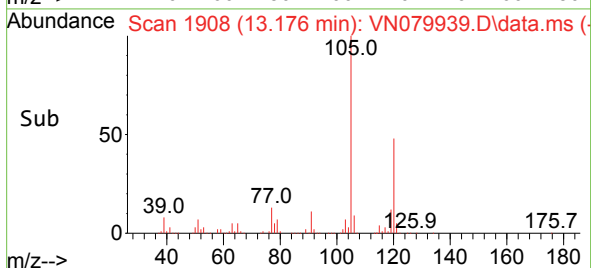
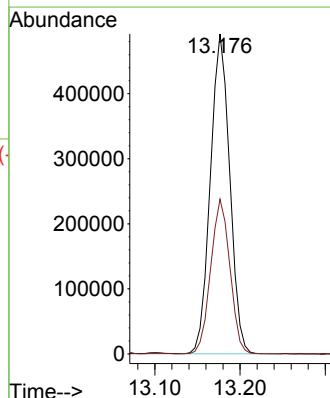
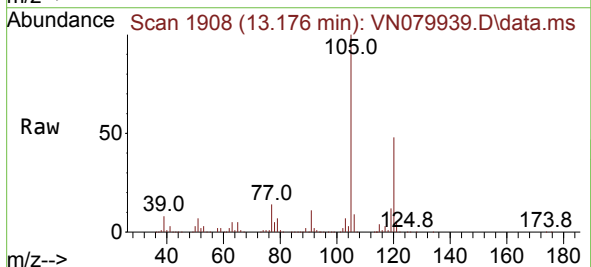
Instrument :
MSVOA_N
ClientSampleId :

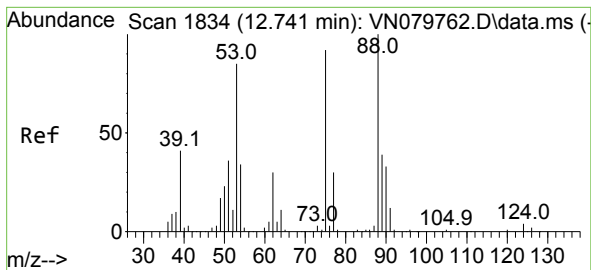
Tgt Ion: 91 Resp: 691584
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 54.604 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion:105 Resp: 775100
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3

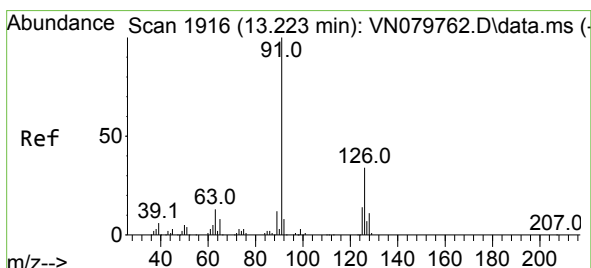
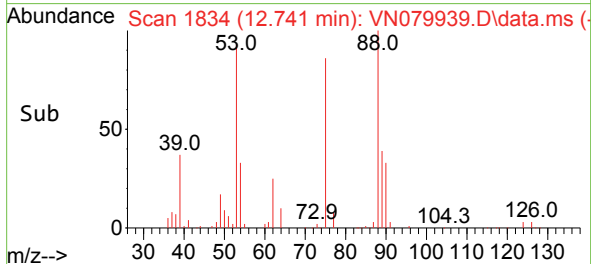
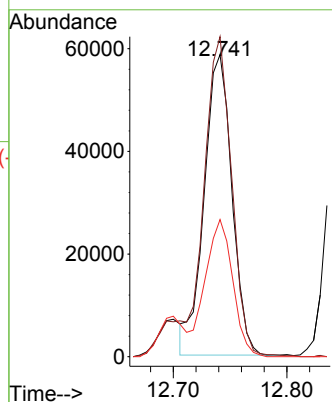
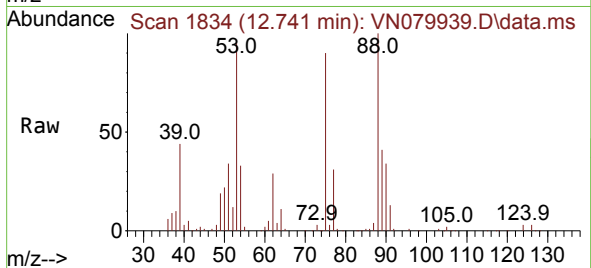




#81
trans-1,4-Dichloro-2-butene
Concen: 47.941 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

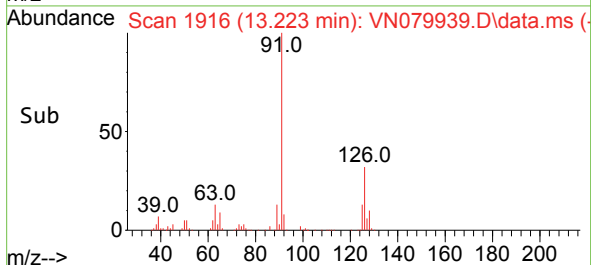
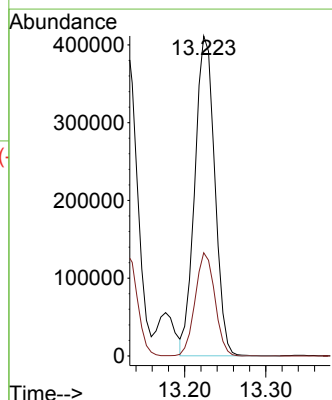
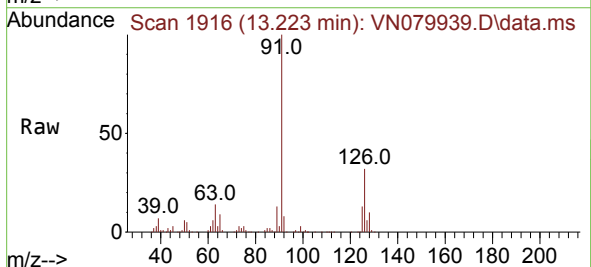
Instrument :
MSVOA_N
ClientSampleId :

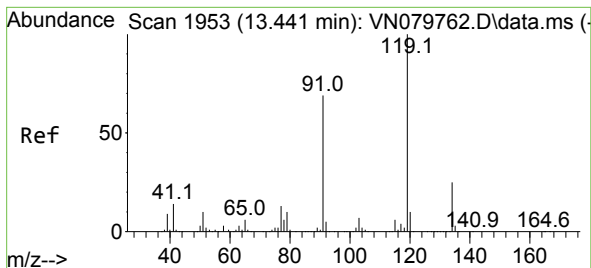
Tgt Ion: 75 Resp: 99447
Ion Ratio Lower Upper
75 100
53 116.2 67.4 101.2#
89 45.6 38.8 58.2



#82
4-Chlorotoluene
Concen: 52.820 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion: 91 Resp: 700555
Ion Ratio Lower Upper
91 100
126 32.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 52.110 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Instrument :

MSVOA_N

ClientSampleId :

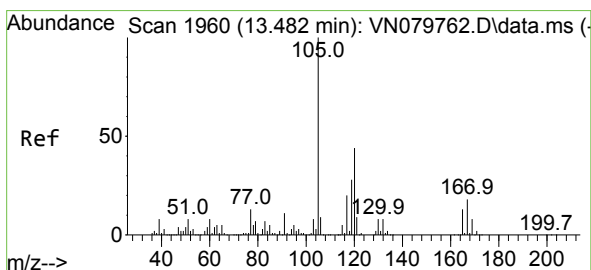
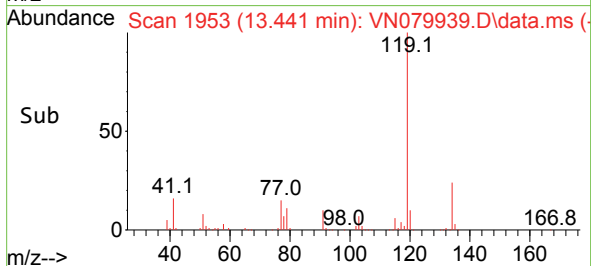
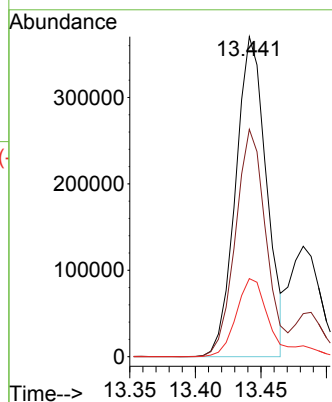
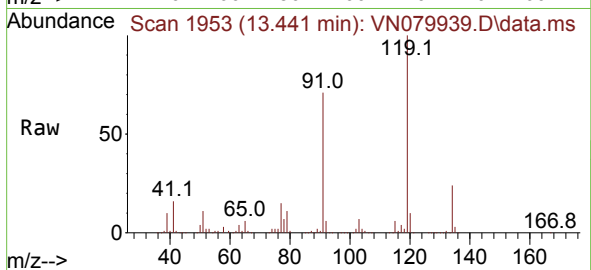
Tgt Ion:119 Resp: 605482

Ion Ratio Lower Upper

119 100

91 70.9 33.9 101.7

134 27.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 55.907 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN079939.D

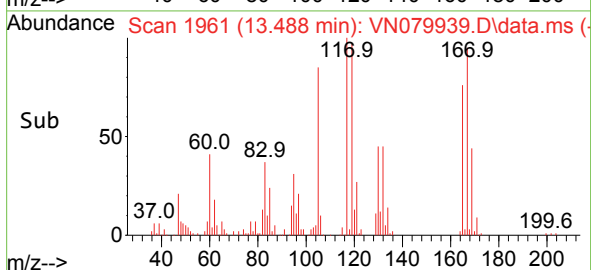
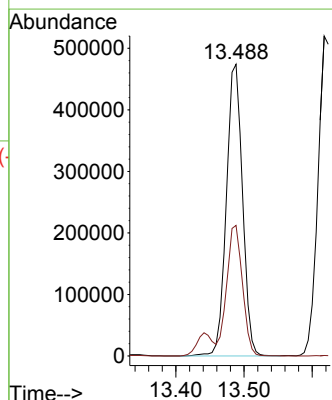
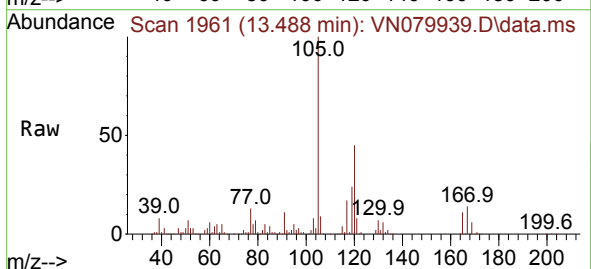
Acq: 06 Nov 2023 21:44

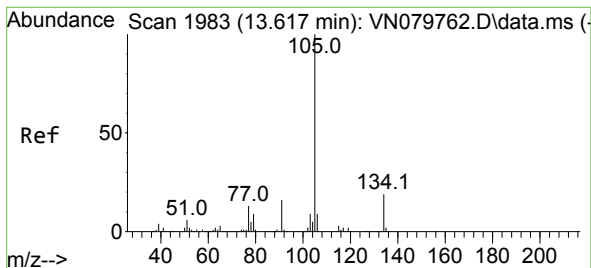
Tgt Ion:105 Resp: 780785

Ion Ratio Lower Upper

105 100

120 43.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 52.475 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Instrument :

MSVOA_N

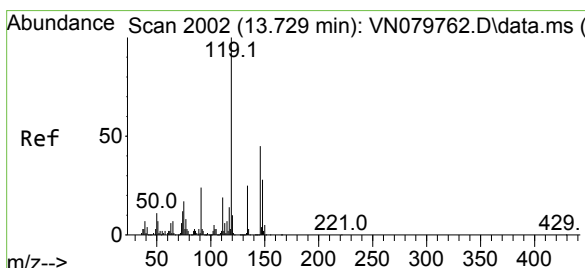
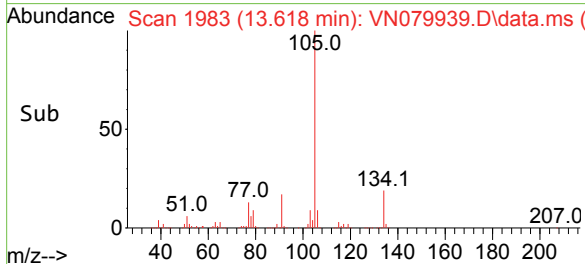
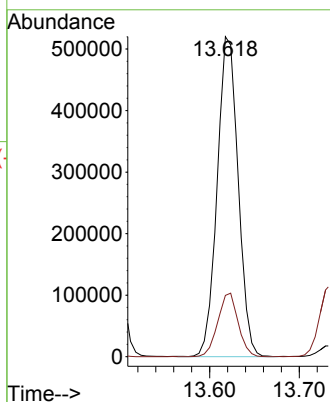
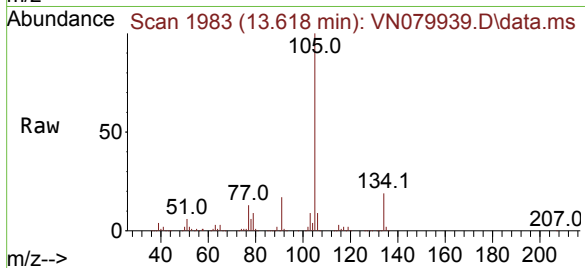
ClientSampleId :

Tgt Ion:105 Resp: 844747

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.299 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

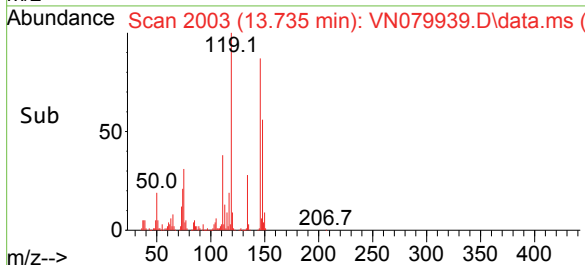
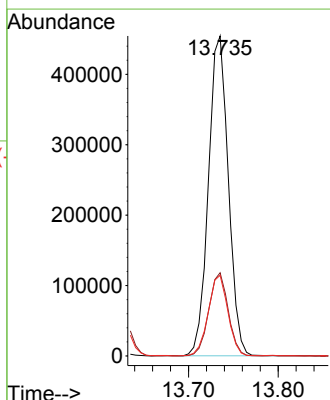
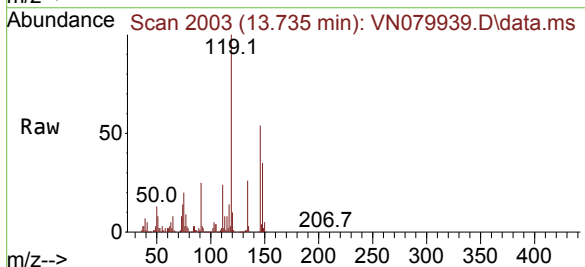
Tgt Ion:119 Resp: 699544

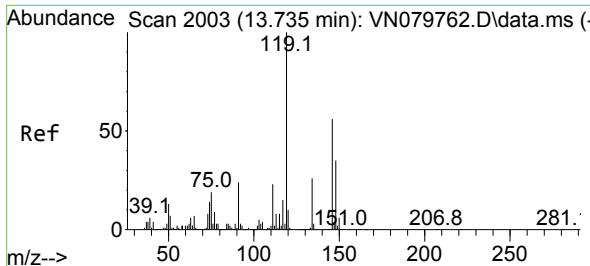
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 24.8 12.4 37.2

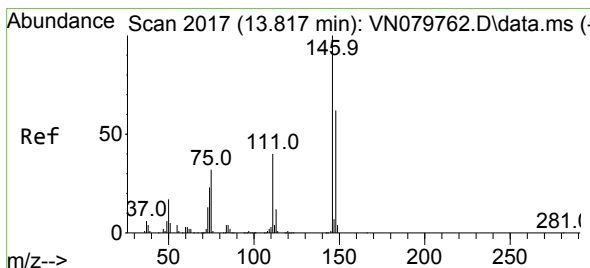
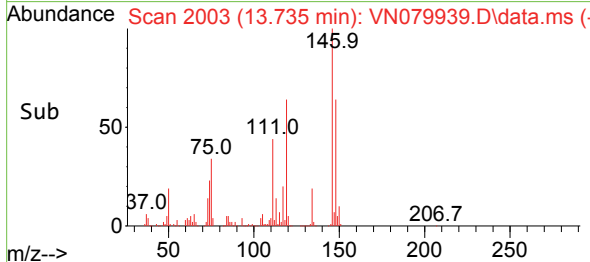
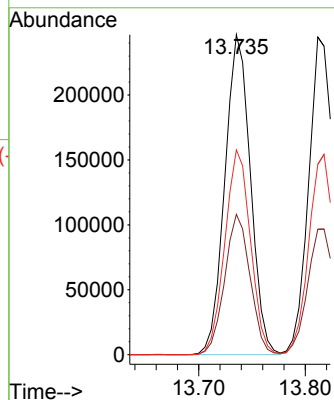
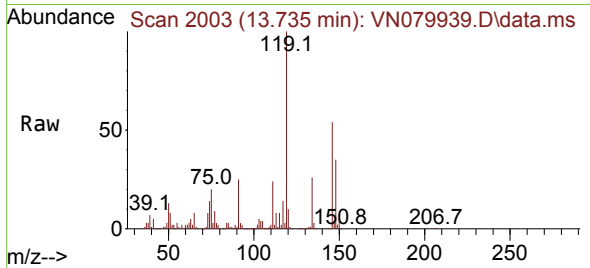




#87
1,3-Dichlorobenzene
Concen: 49.460 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

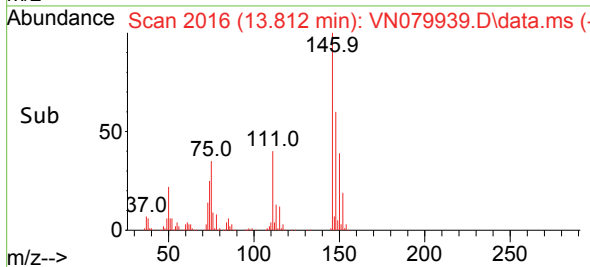
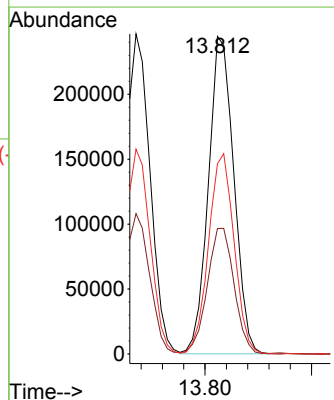
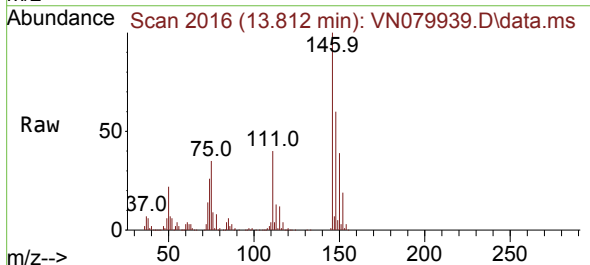
Instrument :
MSVOA_N
ClientSampleId :

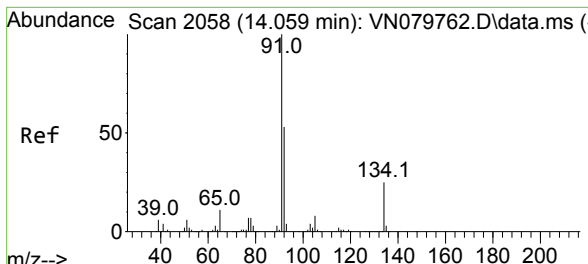
Tgt Ion:146 Resp: 410986
Ion Ratio Lower Upper
146 100
111 43.6 22.1 66.3
148 64.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 48.101 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

Tgt Ion:146 Resp: 405700
Ion Ratio Lower Upper
146 100
111 41.5 20.6 61.8
148 63.5 31.6 94.8

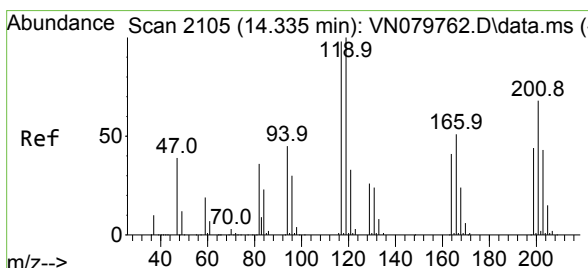
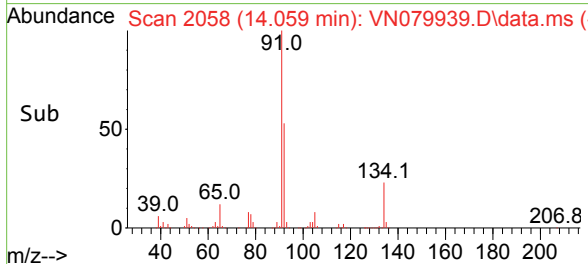
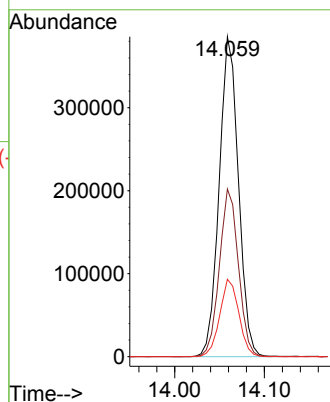
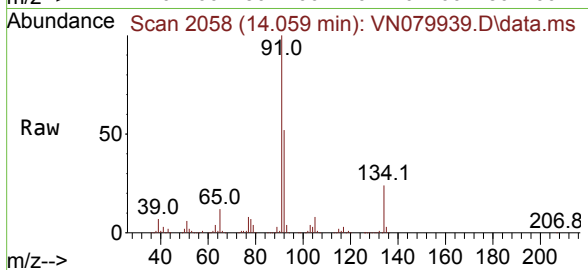




#89
n-Butylbenzene
Concen: 50.822 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

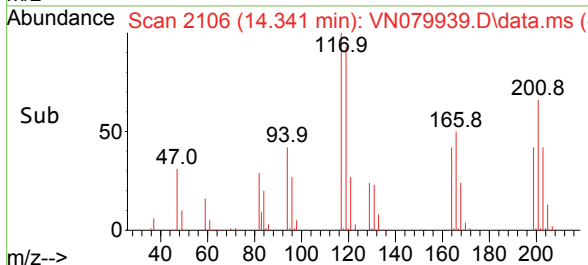
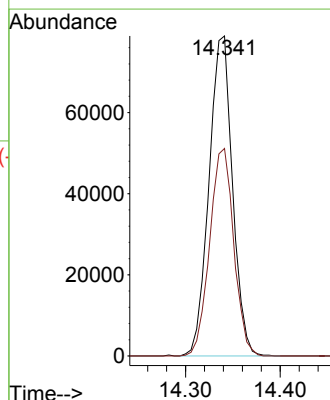
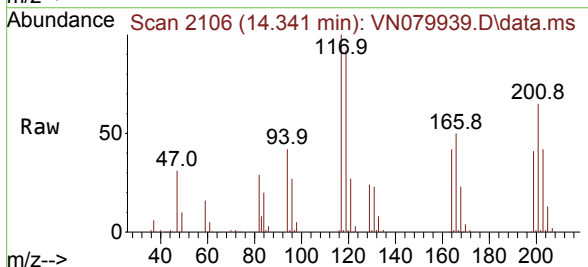
Instrument :
MSVOA_N
ClientSampleId :

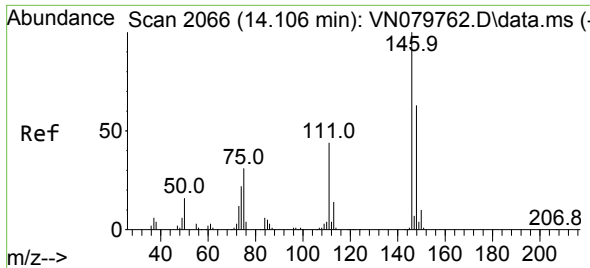
Tgt Ion: 91 Resp: 574511
Ion Ratio Lower Upper
91 100
92 51.7 26.4 79.0
134 24.0 12.6 37.6



#90
Hexachloroethane
Concen: 52.290 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

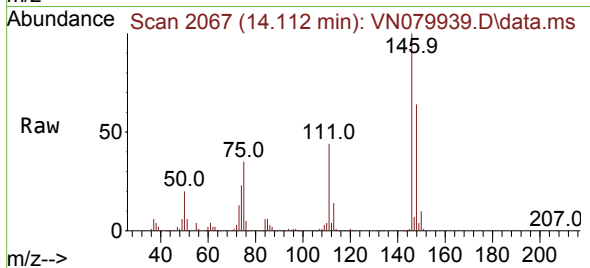
Tgt Ion: 117 Resp: 135917
Ion Ratio Lower Upper
117 100
201 66.4 29.3 88.0



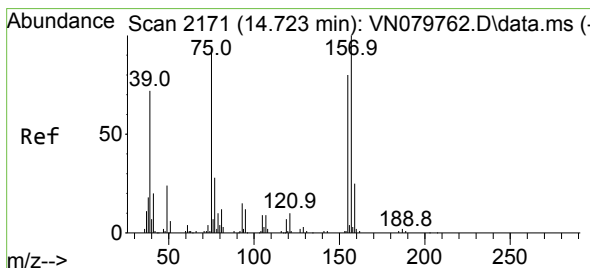
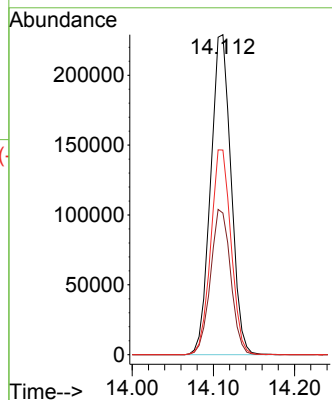
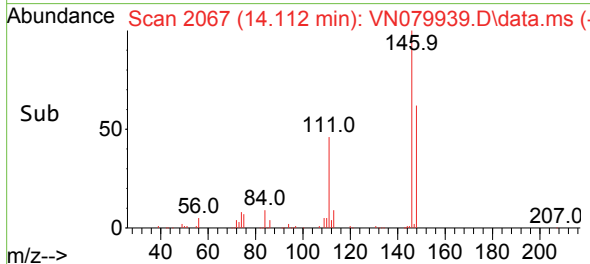


#91
1,2-Dichlorobenzene
Concen: 50.912 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44

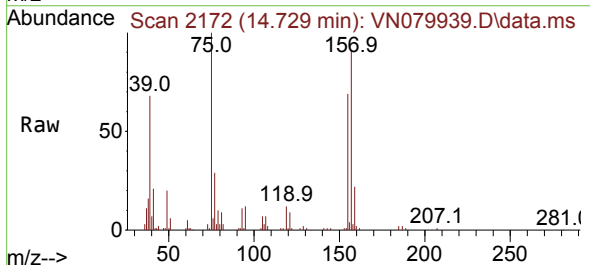
Instrument :
MSVOA_N
ClientSampleId :



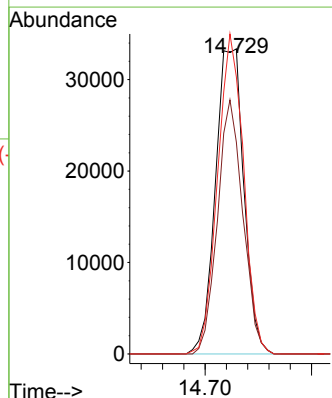
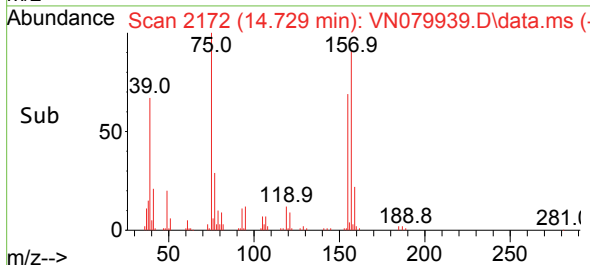
Tgt Ion:146 Resp: 399365
Ion Ratio Lower Upper
146 100
111 45.0 22.0 66.0
148 63.6 31.8 95.3

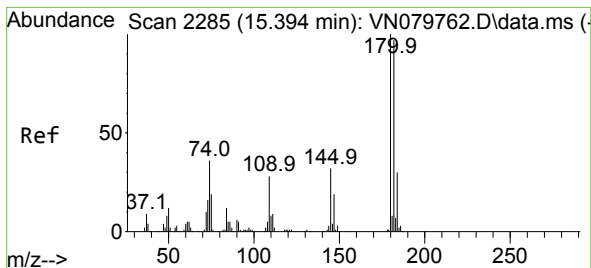


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.334 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN079939.D
Acq: 06 Nov 2023 21:44



Tgt Ion: 75 Resp: 61798
Ion Ratio Lower Upper
75 100
155 74.5 39.1 117.2
157 95.6 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 48.078 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Instrument :

MSVOA_N

ClientSampleId :

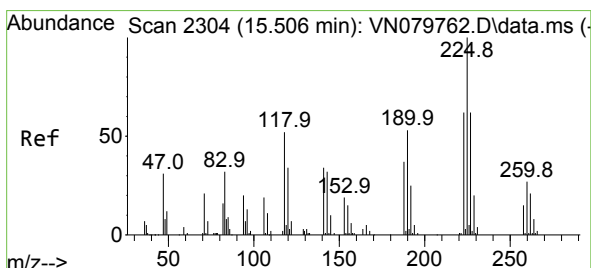
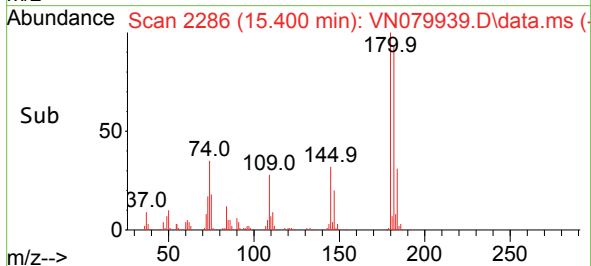
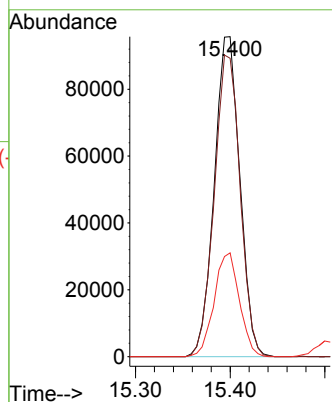
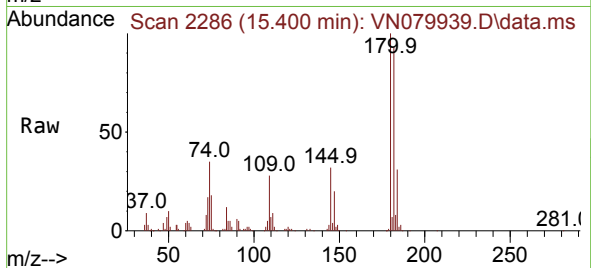
Tgt Ion:180 Resp: 179324

Ion Ratio Lower Upper

180 100

182 95.4 46.1 138.2

145 32.0 16.6 49.8



#94

Hexachlorobutadiene

Concen: 46.782 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

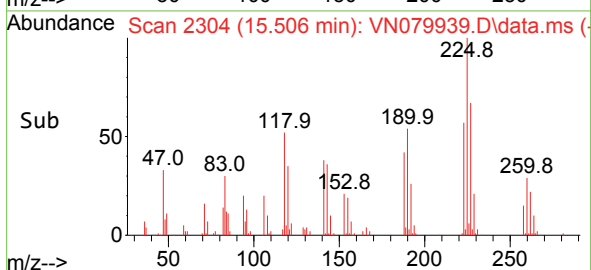
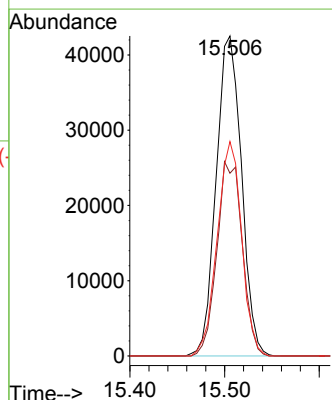
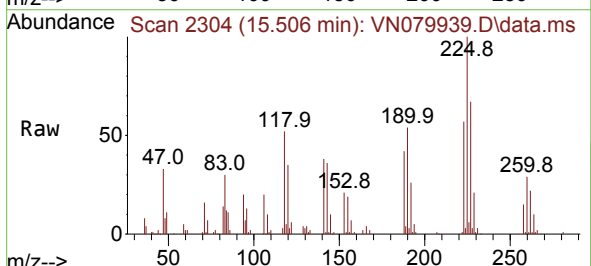
Tgt Ion:225 Resp: 79100

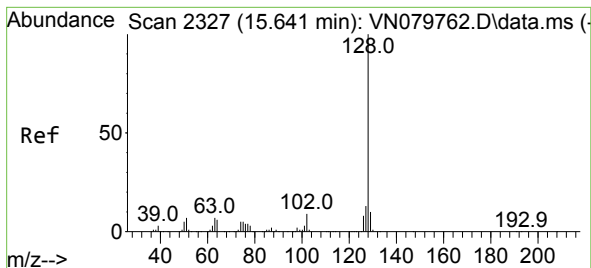
Ion Ratio Lower Upper

225 100

223 60.8 31.3 93.8

227 64.6 31.9 95.9





#95

Naphthalene

Concen: 45.419 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Instrument :

MSVOA_N

ClientSampleId :

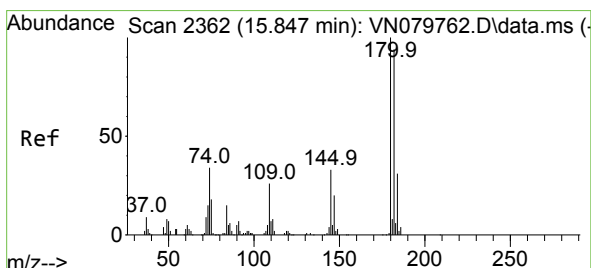
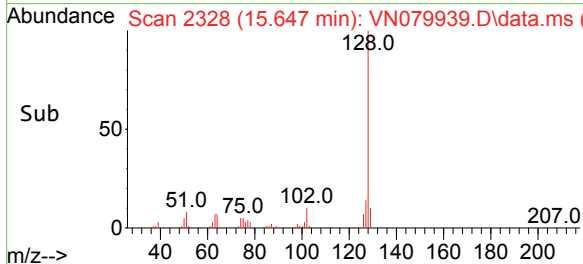
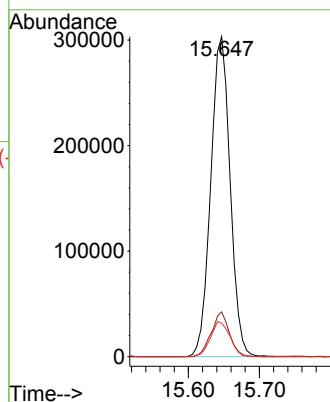
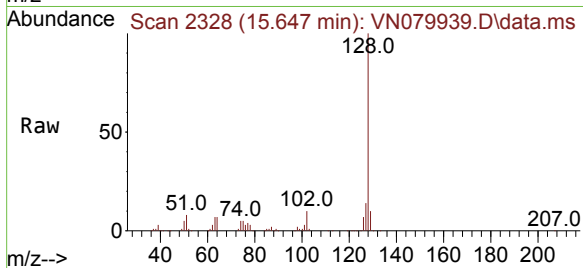
Tgt Ion:128 Resp: 574493

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.515 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079939.D

Acq: 06 Nov 2023 21:44

Tgt Ion:180 Resp: 181032

Ion Ratio Lower Upper

180 100

182 92.4 46.2 138.6

145 32.7 17.5 52.6

