

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079916.D
 Acq On : 06 Nov 2023 12:34
 Operator : JC\MD
 Sample : VN1106WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 07 04:07:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	296490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	506496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	467506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211825	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	250999	55.566	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.140%	
35) Dibromofluoromethane	8.171	113	193203	53.895	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.800%	
50) Toluene-d8	10.571	98	699424	52.999	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.000%	
62) 4-Bromofluorobenzene	12.853	95	241921	55.274	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	70785	19.821	ug/l	94
3) Chloromethane	2.359	50	82784	17.768	ug/l	99
4) Vinyl Chloride	2.512	62	107141	22.919	ug/l	97
5) Bromomethane	2.953	94	56317	19.827	ug/l	97
6) Chloroethane	3.124	64	55625	15.059	ug/l	96
7) Trichlorofluoromethane	3.500	101	144482	24.849	ug/l	98
8) Diethyl Ether	3.971	74	44708	20.262	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.377	101	70410	20.889	ug/l	98
10) Methyl Iodide	4.589	142	73974	19.218	ug/l	95
11) Tert butyl alcohol	5.524	59	51963	90.115	ug/l #	93
12) 1,1-Dichloroethene	4.342	96	61947	19.411	ug/l	86
13) Acrolein	4.183	56	49976	99.427	ug/l	98
14) Allyl chloride	5.024	41	100933	20.649	ug/l #	91
15) Acrylonitrile	5.718	53	187932	104.582	ug/l	98
16) Acetone	4.430	43	186906	117.797	ug/l	93
17) Carbon Disulfide	4.712	76	169847	18.451	ug/l	100
18) Methyl Acetate	5.030	43	158971	20.942	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	225027	20.480	ug/l	92
20) Methylene Chloride	5.277	84	80964	20.223	ug/l #	87
21) trans-1,2-Dichloroethene	5.788	96	71089	19.973	ug/l #	83
22) Diisopropyl ether	6.671	45	256098	22.608	ug/l #	89
23) Vinyl Acetate	6.606	43	666281	106.634	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	150143	21.807	ug/l	98
25) 2-Butanone	7.488	43	258092	111.080	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	117594	20.652	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	87373	20.522	ug/l	86
28) Bromochloromethane	7.812	49	75979	22.644	ug/l #	73
29) Tetrahydrofuran	7.841	42	165831	109.700	ug/l #	73
30) Chloroform	7.965	83	154447	20.652	ug/l	92
31) Cyclohexane	8.259	56	117412	19.670	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	130455	21.408	ug/l	97
36) 1,1-Dichloropropene	8.371	75	107282	20.960	ug/l	93
37) Ethyl Acetate	7.565	43	106153	22.613	ug/l #	90
38) Carbon Tetrachloride	8.365	117	111736	21.661	ug/l	94
39) Methylcyclohexane	9.606	83	91080	18.908	ug/l #	89
40) Benzene	8.606	78	328189	21.408	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079916.D
 Acq On : 06 Nov 2023 12:34
 Operator : JC\MD
 Sample : VN1106WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 07 04:07:32 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)
41) Methacrylonitrile	7.782	41	55122	22.113	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	125686	23.471	ug/l	97
43) Isopropyl Acetate	8.694	43	170362	20.694	ug/l #	91
44) Trichloroethene	9.353	130	79614	20.928	ug/l	95
45) 1,2-Dichloropropane	9.624	63	87941	22.446	ug/l	96
46) Dibromomethane	9.712	93	58287	21.788	ug/l	94
47) Bromodichloromethane	9.888	83	119797	20.998	ug/l	98
48) Methyl methacrylate	9.682	41	81593	22.628	ug/l #	78
49) 1,4-Dioxane	9.700	88	27384	429.790	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	526946	113.696	ug/l	90
52) Toluene	10.635	92	199372	21.937	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	121412	21.708	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	135783	22.273	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	84130	23.014	ug/l	98
56) Ethyl methacrylate	10.876	69	108971	20.898	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	142668	22.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	264396	100.044	ug/l #	87
59) 2-Hexanone	11.200	43	383470	108.156	ug/l	87
60) Dibromochloromethane	11.365	129	85744	21.913	ug/l	98
61) 1,2-Dibromoethane	11.470	107	75888	20.683	ug/l	98
64) Tetrachloroethene	11.106	164	73290	24.206	ug/l	96
65) Chlorobenzene	11.894	112	206365	20.349	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	79942	21.879	ug/l	98
67) Ethyl Benzene	11.965	91	358745	20.304	ug/l	96
68) m/p-Xylenes	12.076	106	274953	41.775	ug/l	94
69) o-Xylene	12.400	106	128764	20.317	ug/l	90
70) Styrene	12.417	104	218252	21.428	ug/l	96
71) Bromoform	12.576	173	55547	21.410	ug/l #	97
73) Isopropylbenzene	12.700	105	324037	20.156	ug/l	99
74) N-amyl acetate	12.494	43	127013	18.101	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	114115	20.020	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	141876	28.529	ug/l	73
77) Bromobenzene	12.982	156	80095	20.350	ug/l	91
78) n-propylbenzene	13.041	91	382407	20.772	ug/l	97
79) 2-Chlorotoluene	13.129	91	240667	20.464	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	265228	21.205	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	35868	19.624	ug/l #	78
82) 4-Chlorotoluene	13.223	91	247120	21.145	ug/l	97
83) tert-Butylbenzene	13.441	119	207692	20.286	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	270703	21.998	ug/l	99
85) sec-Butylbenzene	13.617	105	288275	20.323	ug/l	98
86) p-Isopropyltoluene	13.735	119	233406	20.182	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	145191	19.830	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	149624	20.133	ug/l	99
89) n-Butylbenzene	14.059	91	191157	19.191	ug/l	97
90) Hexachloroethane	14.335	117	44114	19.261	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	143745	20.797	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19552	20.227	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	62920	19.145	ug/l	98
94) Hexachlorobutadiene	15.505	225	28483	19.118	ug/l	99
95) Naphthalene	15.647	128	187329	16.808	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	62489	19.397	ug/l	99

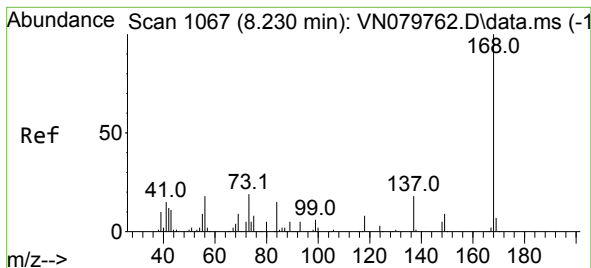
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
Data File : VN079916.D
Acq On : 06 Nov 2023 12:34
Operator : JC\MD
Sample : VN1106WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 07 04:07:32 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)
----------	------	------	----------	------	-------	----------

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. 0.001 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

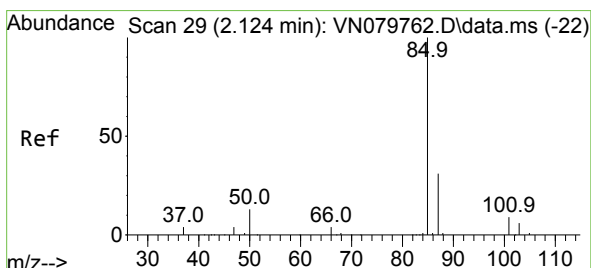
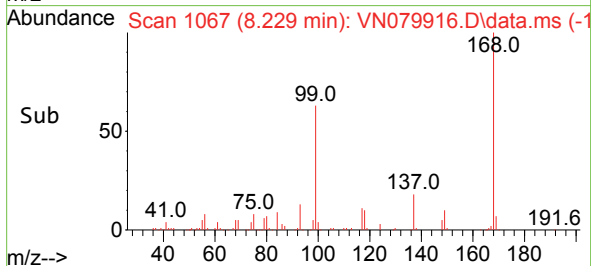
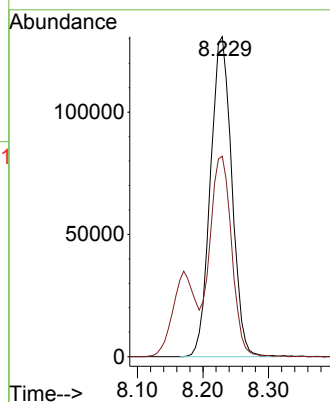
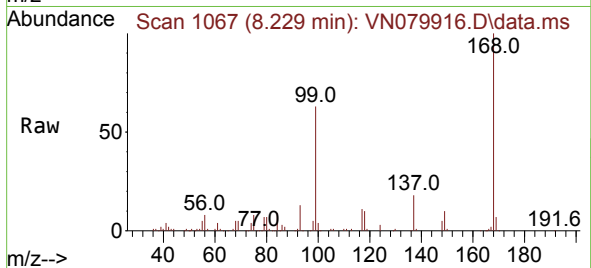
ClientSampleId :

Tgt Ion:168 Resp: 296490

Ion Ratio Lower Upper

168 100

99 62.4 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 19.821 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN079916.D

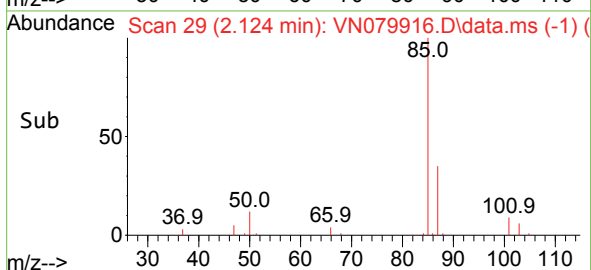
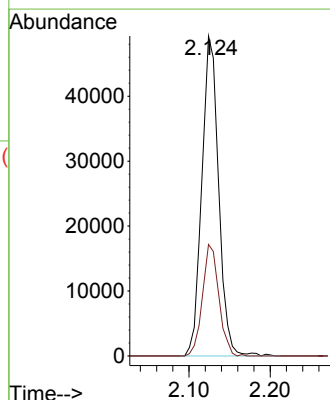
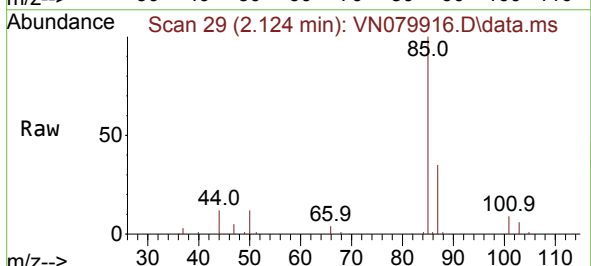
Acq: 06 Nov 2023 12:34

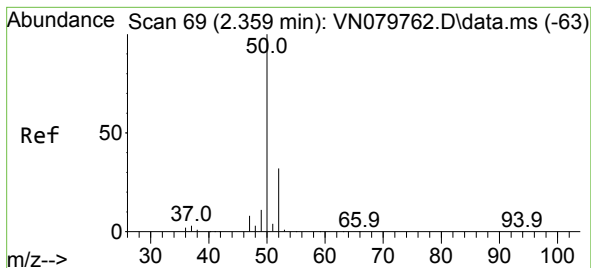
Tgt Ion: 85 Resp: 70785

Ion Ratio Lower Upper

85 100

87 34.9 15.8 47.4





#3

Chloromethane

Concen: 17.768 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

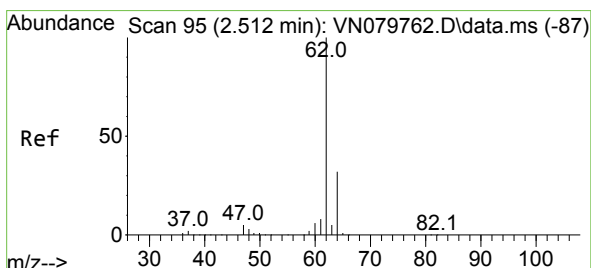
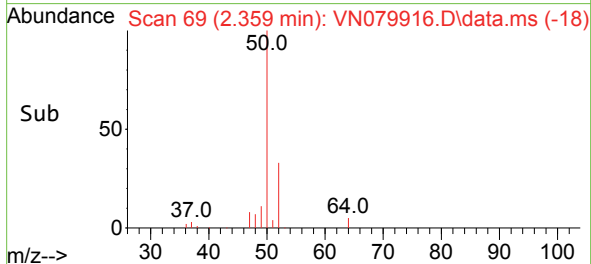
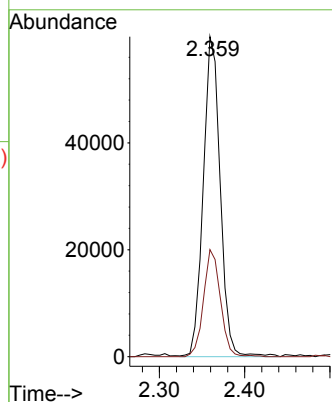
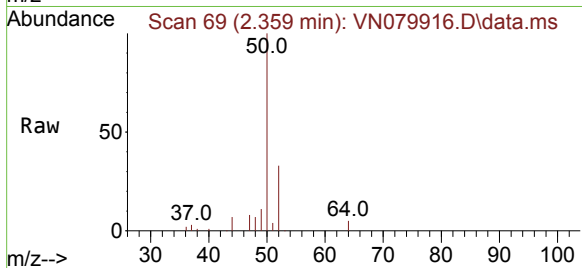
ClientSampleId :

Tgt Ion: 50 Resp: 82784

Ion Ratio Lower Upper

50 100

52 33.4 26.5 39.7



#4

Vinyl Chloride

Concen: 22.919 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN079916.D

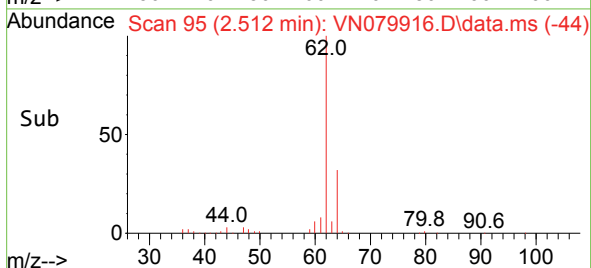
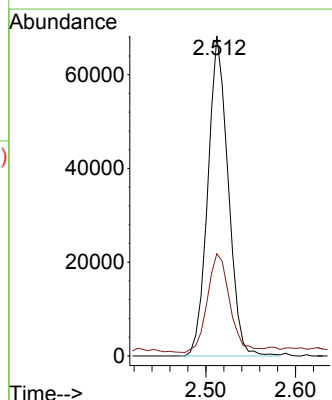
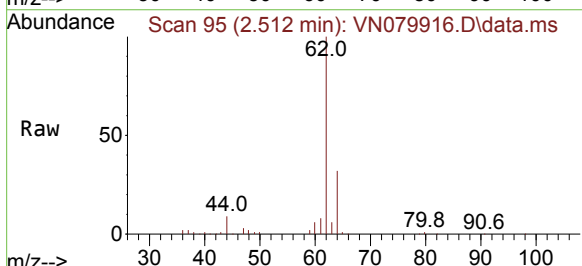
Acq: 06 Nov 2023 12:34

Tgt Ion: 62 Resp: 107141

Ion Ratio Lower Upper

62 100

64 30.8 26.2 39.2

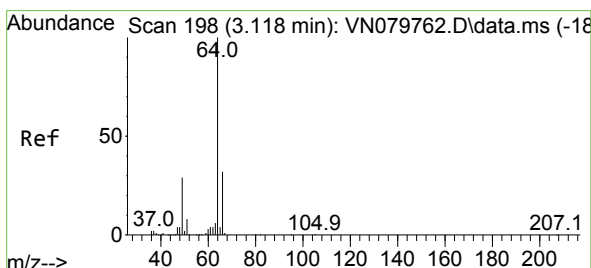
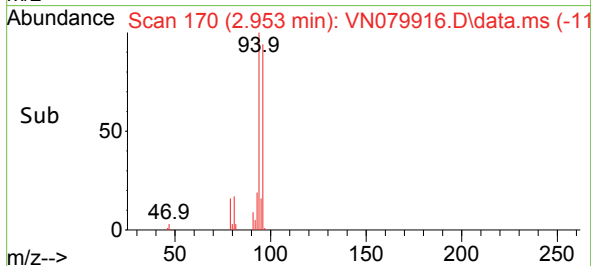
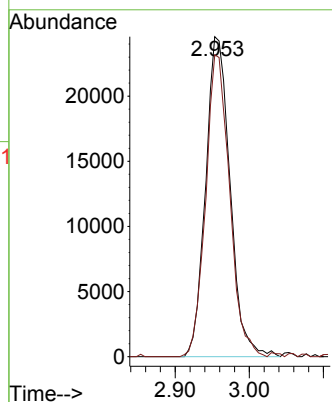
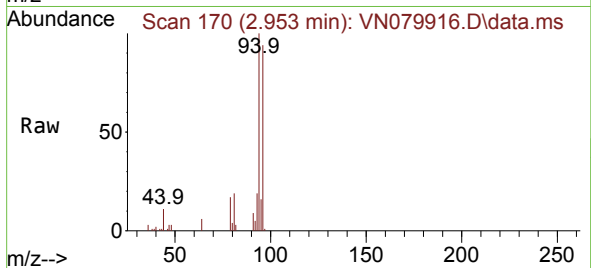




#5
Bromomethane
Concen: 19.827 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

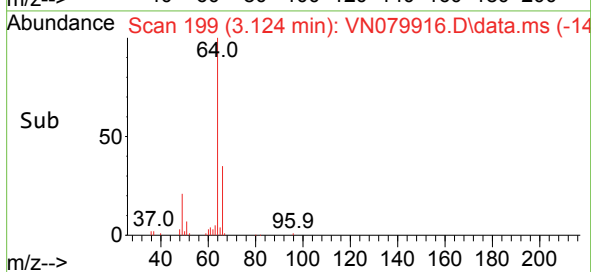
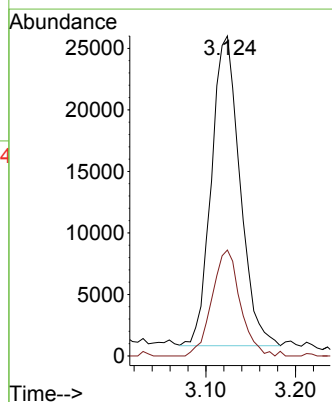
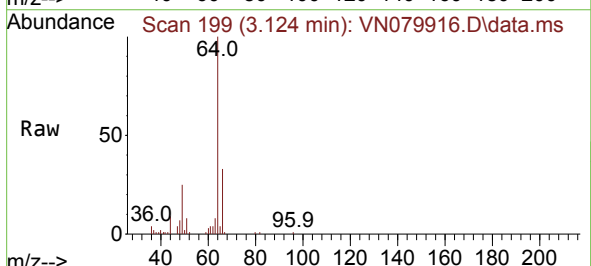
Instrument :
MSVOA_N
ClientSampleId :

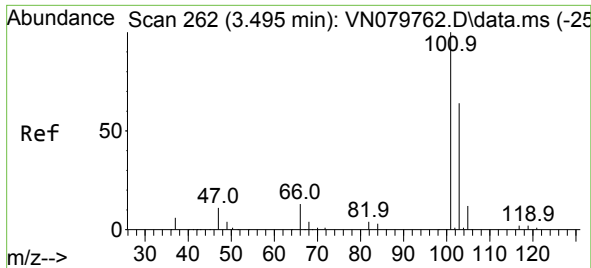
Tgt Ion: 94 Resp: 56317
Ion Ratio Lower Upper
94 100
96 94.3 73.1 109.7



#6
Chloroethane
Concen: 15.059 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 64 Resp: 55625
Ion Ratio Lower Upper
64 100
66 34.2 25.4 38.2

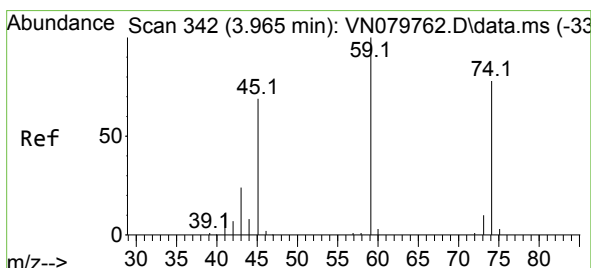
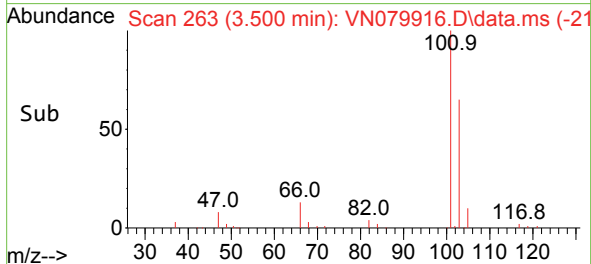
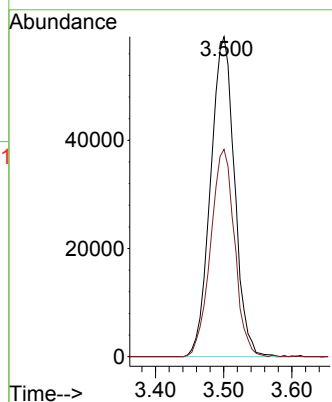
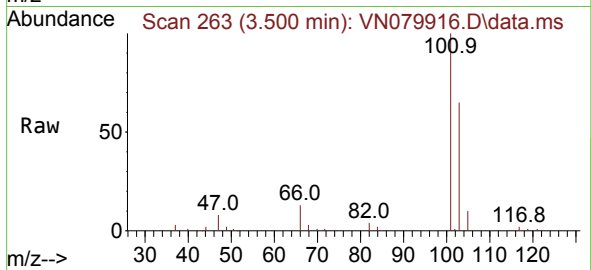




#7
Trichlorofluoromethane
Concen: 24.849 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

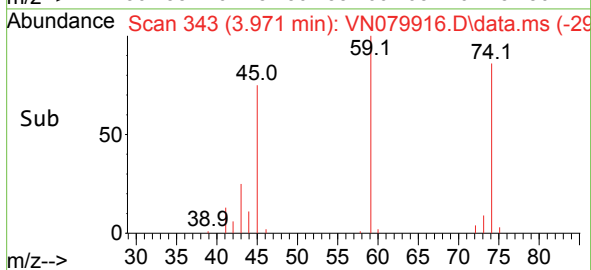
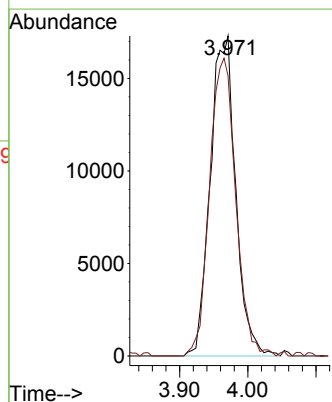
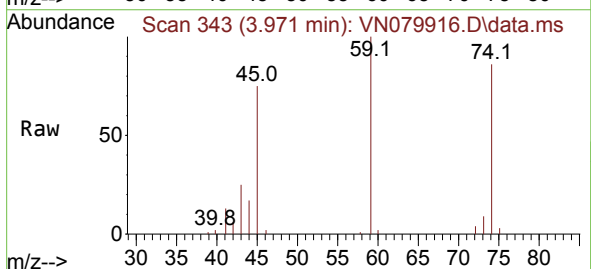
Instrument :
MSVOA_N
ClientSampleId :

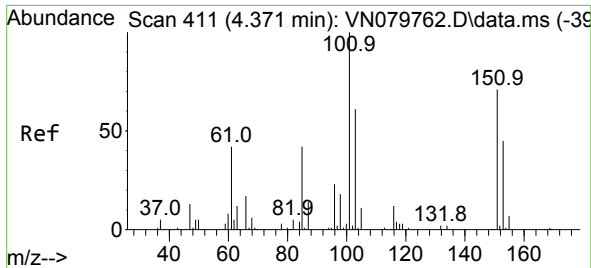
Tgt Ion:101 Resp: 144482
Ion Ratio Lower Upper
101 100
103 64.8 50.7 76.1



#8
Diethyl Ether
Concen: 20.262 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 74 Resp: 44708
Ion Ratio Lower Upper
74 100
45 96.1 34.4 103.3

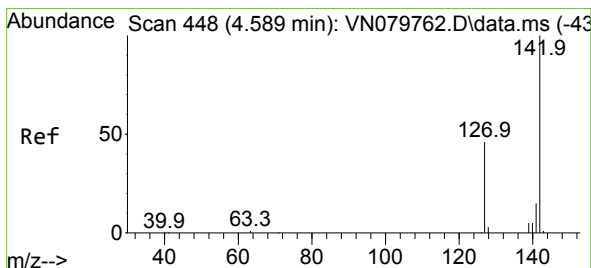
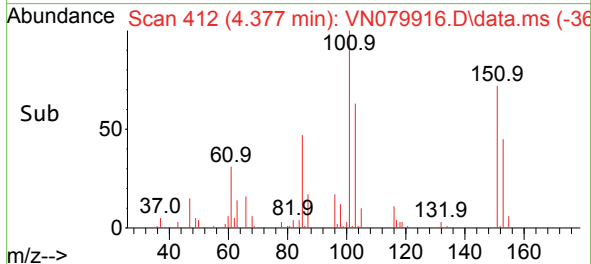
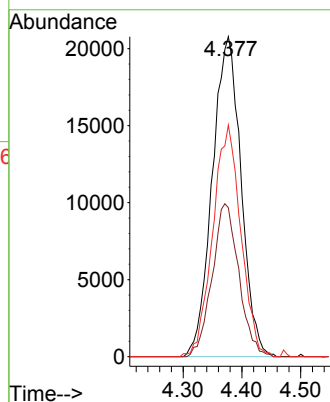
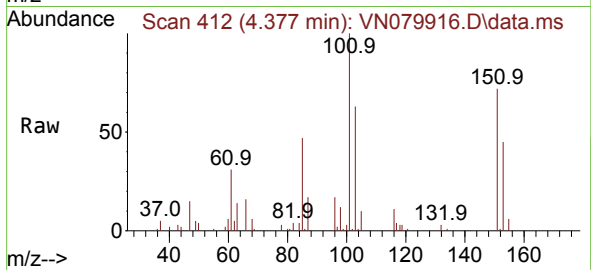




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.889 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

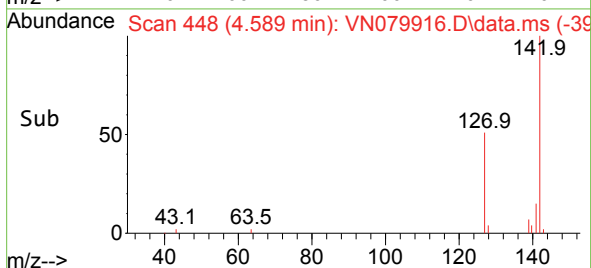
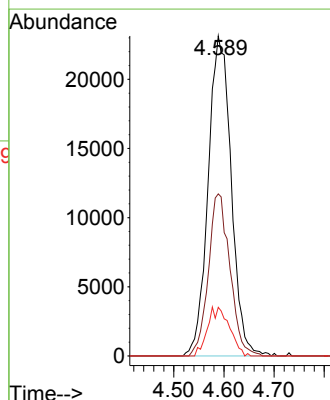
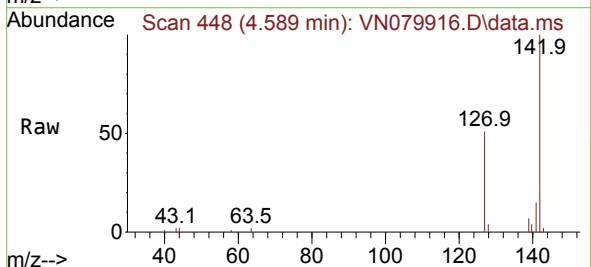
Instrument :
MSVOA_N
ClientSampleId :

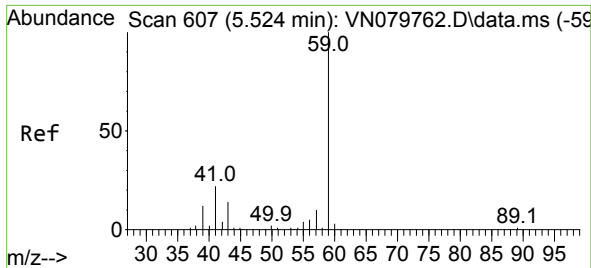
Tgt Ion:101 Resp: 70410
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 70.5 57.6 86.4



#10
Methyl Iodide
Concen: 19.218 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion:142 Resp: 73974
Ion Ratio Lower Upper
142 100
127 50.6 37.6 56.4
141 15.2 11.4 17.0

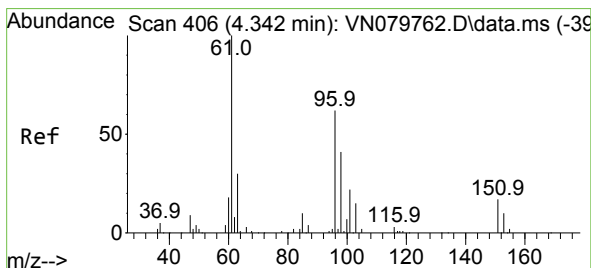
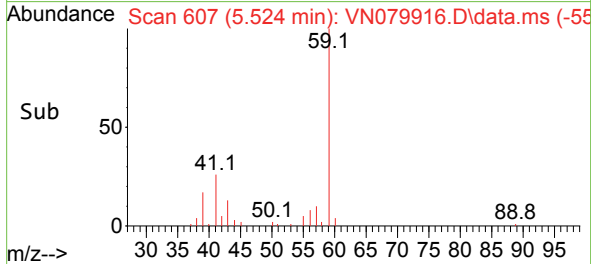
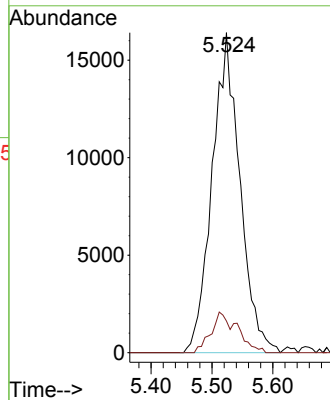
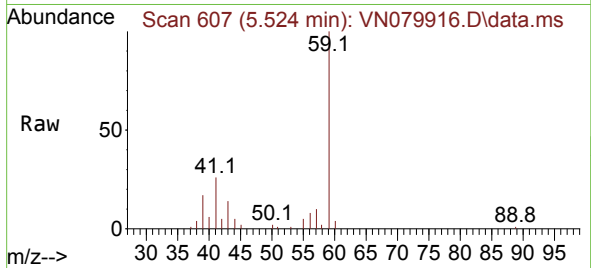




#11
Tert butyl alcohol
Concen: 90.115 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

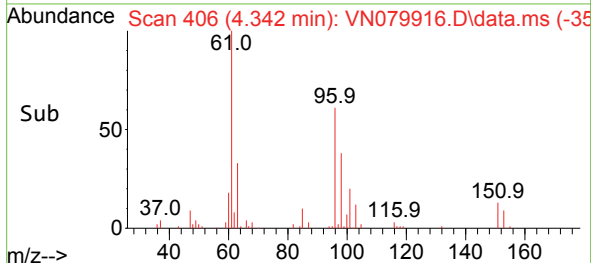
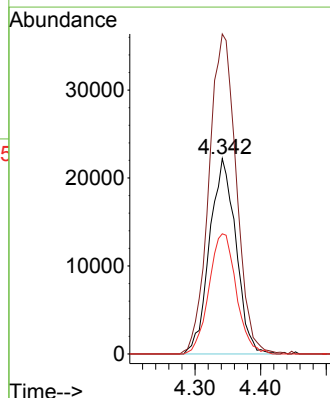
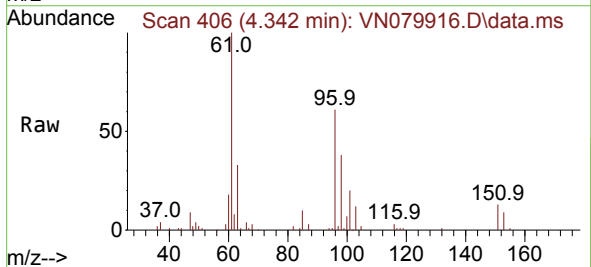
Instrument :
MSVOA_N
ClientSampleId :

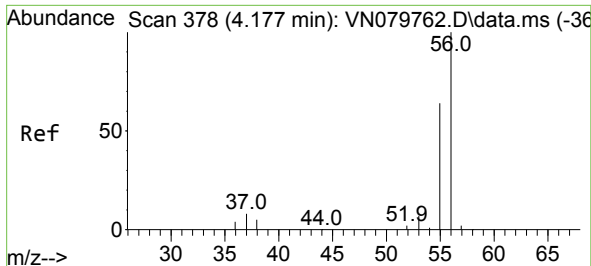
Tgt Ion: 59 Resp: 51963
Ion Ratio Lower Upper
59 100
57 7.9 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 19.411 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 96 Resp: 61947
Ion Ratio Lower Upper
96 100
61 163.8 112.7 169.1
98 61.5 51.2 76.8





#13

Acrolein

Concen: 99.427 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

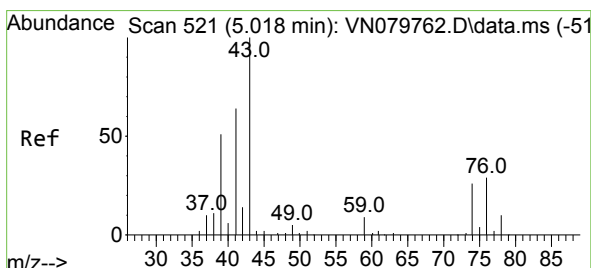
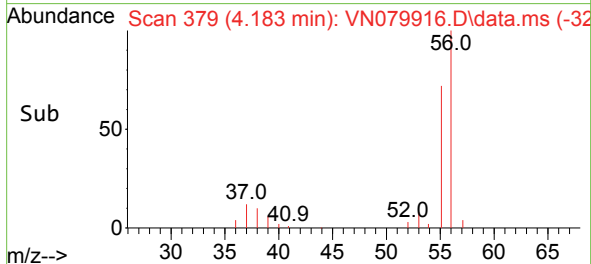
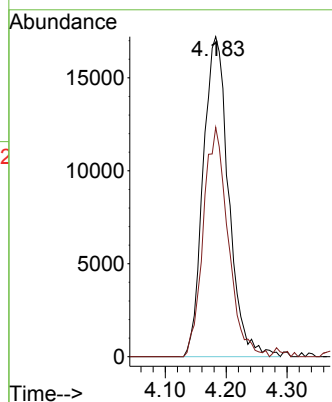
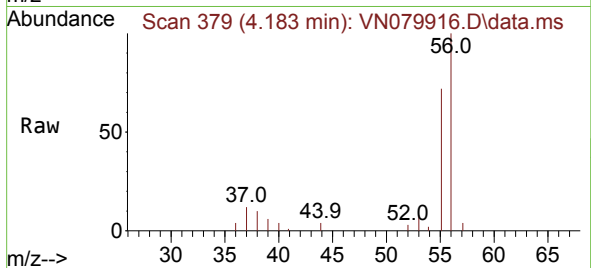
ClientSampleId :

Tgt Ion: 56 Resp: 49976

Ion Ratio Lower Upper

56 100

55 69.9 54.5 81.7



#14

Allyl chloride

Concen: 20.649 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

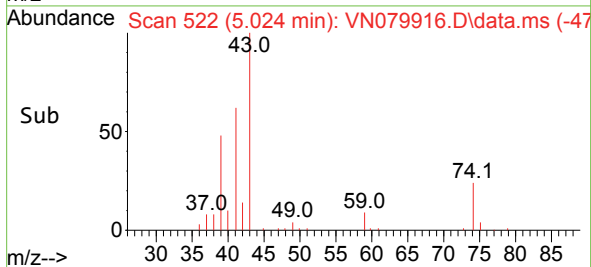
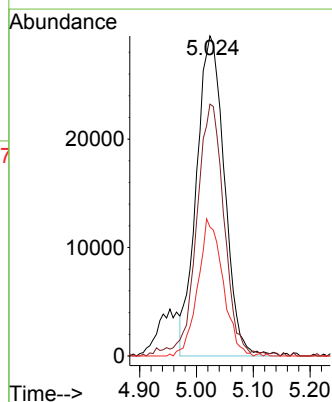
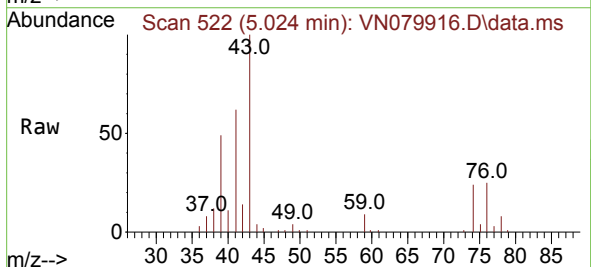
Tgt Ion: 41 Resp: 100933

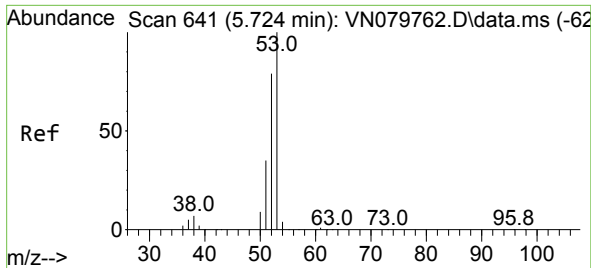
Ion Ratio Lower Upper

41 100

39 78.1 58.8 88.2

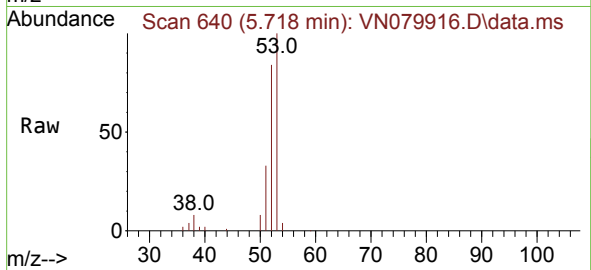
76 38.4 39.1 58.7#



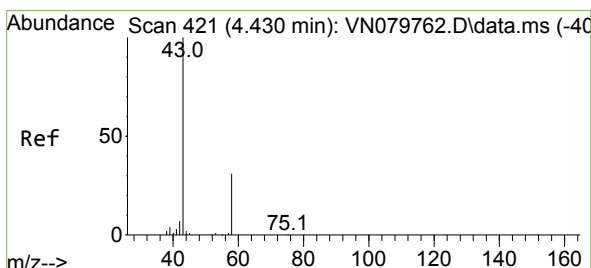
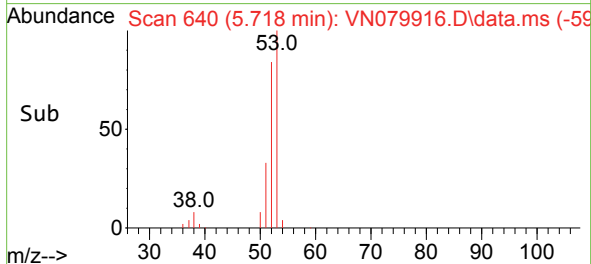
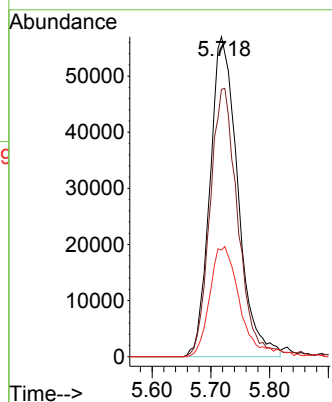


#15
Acrylonitrile
Concen: 104.582 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :

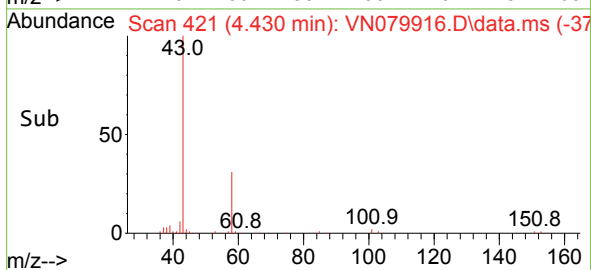
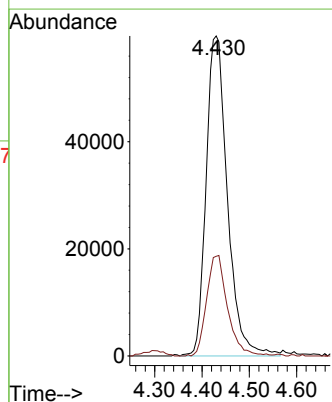
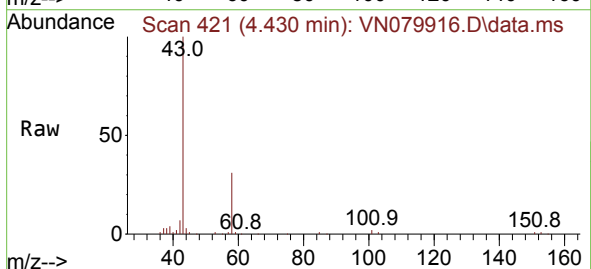


Tgt Ion: 53 Resp: 187932
Ion Ratio Lower Upper
53 100
52 83.7 65.3 97.9
51 37.4 28.9 43.3



#16
Acetone
Concen: 117.797 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

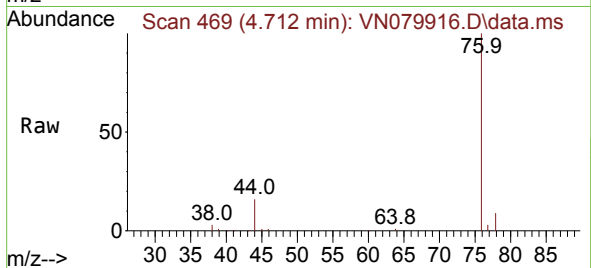
Tgt Ion: 43 Resp: 186906
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0



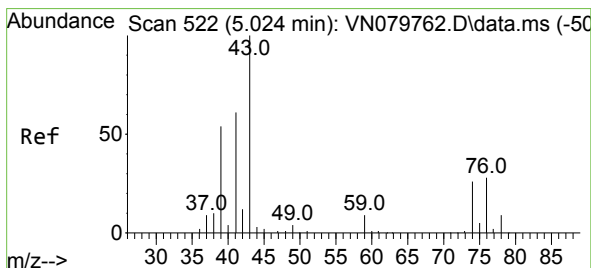
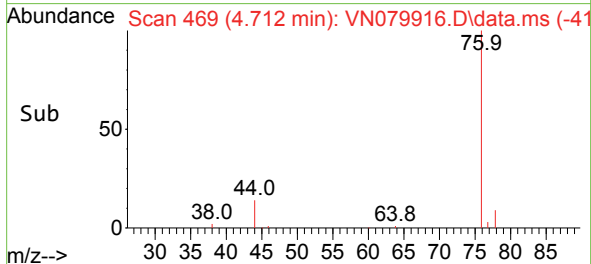
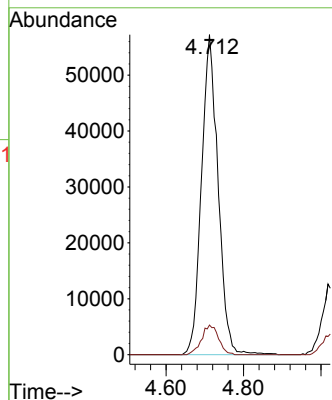


#17
Carbon Disulfide
Concen: 18.451 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :

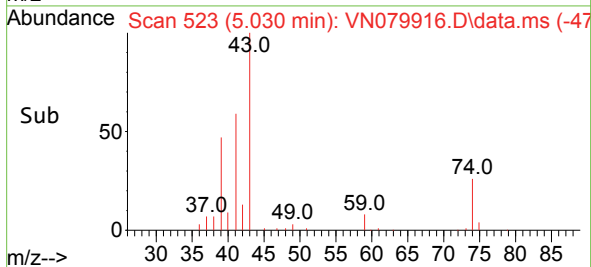
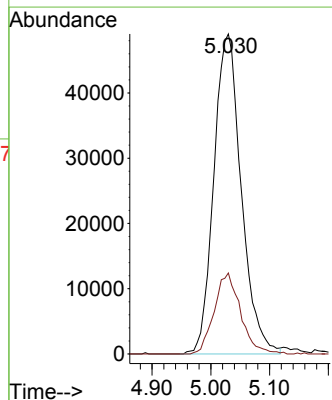
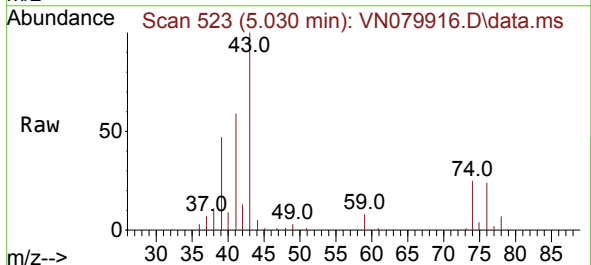


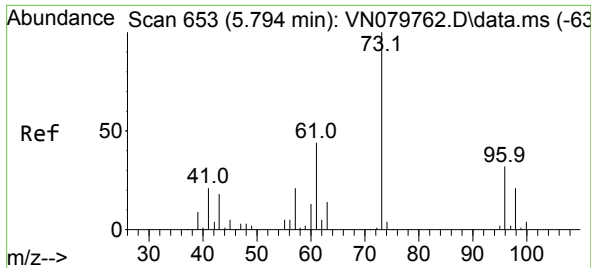
Tgt Ion: 76 Resp: 169847
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 20.942 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 43 Resp: 158971
Ion Ratio Lower Upper
43 100
74 24.3 26.2 39.4#

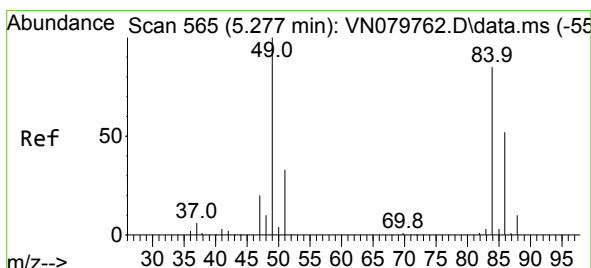
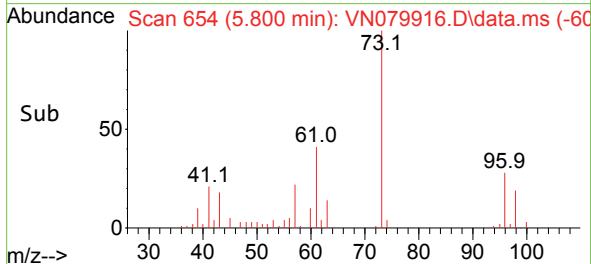
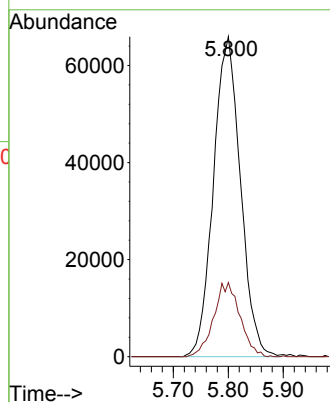
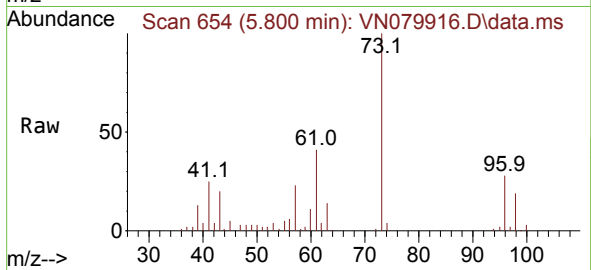




#19
Methyl tert-butyl Ether
Concen: 20.480 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

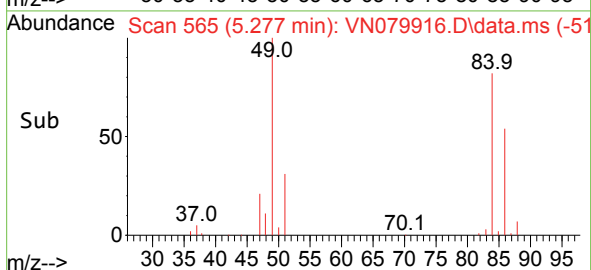
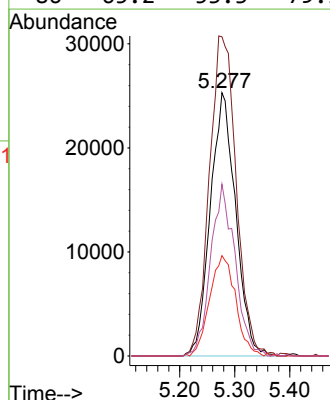
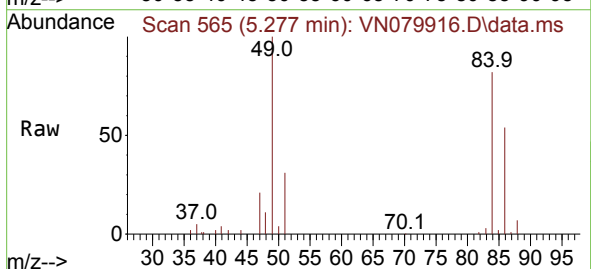
Instrument :
MSVOA_N
ClientSampleId :

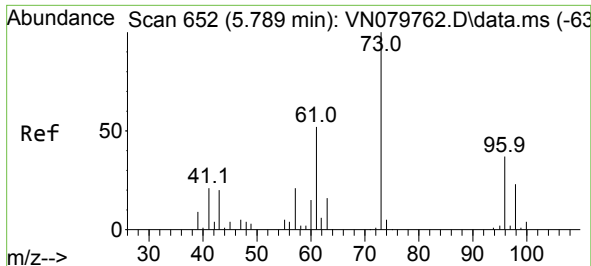
Tgt Ion: 73 Resp: 225027
Ion Ratio Lower Upper
73 100
57 23.2 15.6 23.4



#20
Methylene Chloride
Concen: 20.223 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

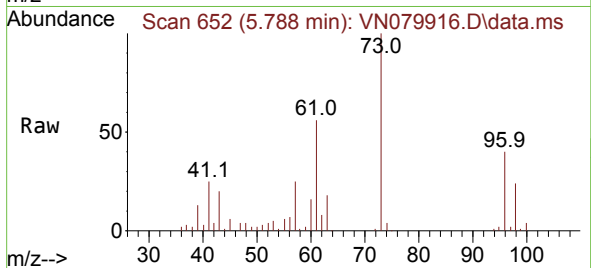
Tgt Ion: 84 Resp: 80964
Ion Ratio Lower Upper
84 100
49 121.3 79.7 119.5#
51 38.1 25.2 37.8#
86 65.2 53.3 79.9



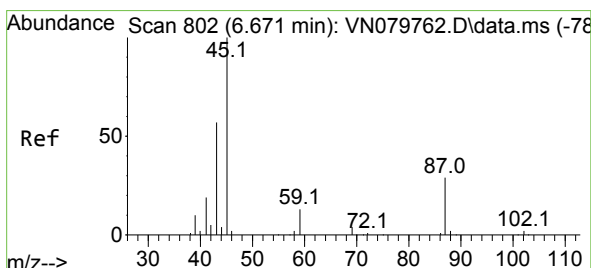
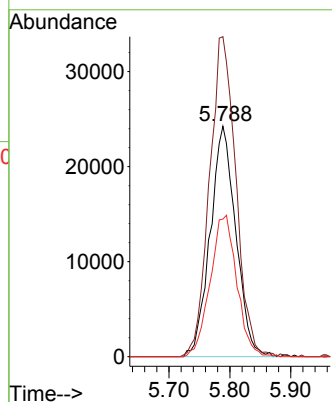
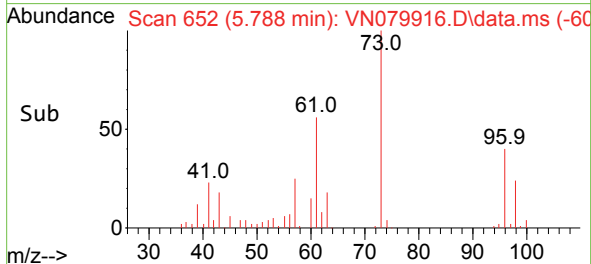


#21
trans-1,2-Dichloroethene
Concen: 19.973 ug/l
RT: 5.788 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

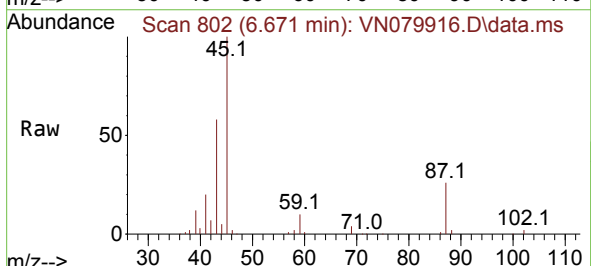
Instrument :
MSVOA_N
ClientSampleId :



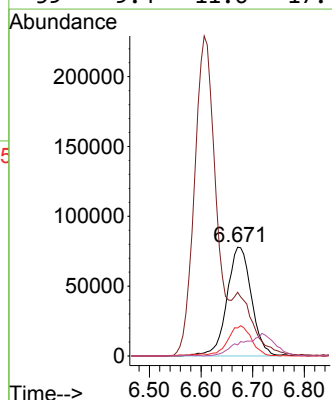
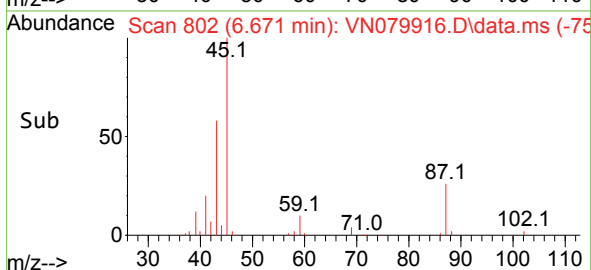
Tgt Ion: 96 Resp: 71089
Ion Ratio Lower Upper
96 100
61 138.9 90.1 135.1#
98 59.7 46.4 69.6

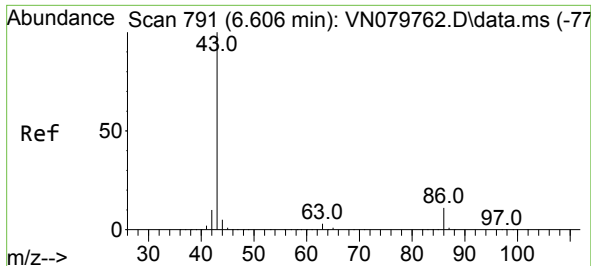


#22
Diisopropyl ether
Concen: 22.608 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34



Tgt Ion: 45 Resp: 256098
Ion Ratio Lower Upper
45 100
43 54.8 45.5 68.3
87 25.7 31.8 47.8#
59 9.4 11.6 17.4#

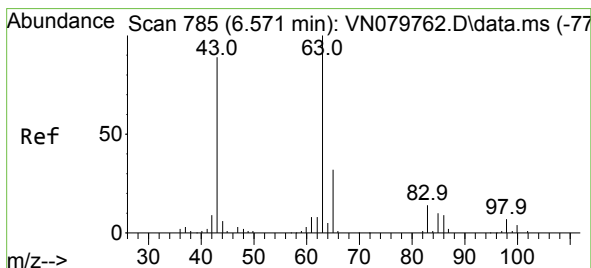
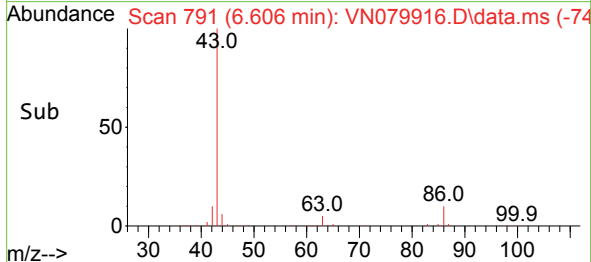
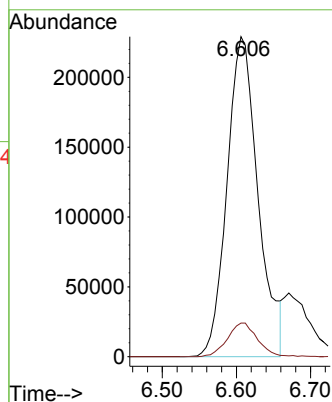
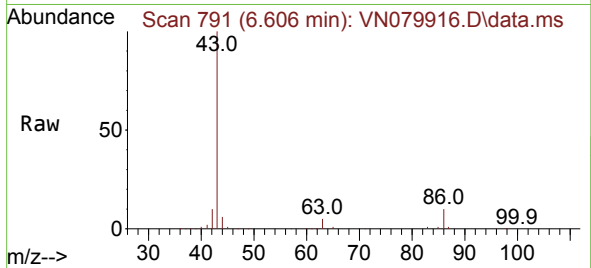




#23
 Vinyl Acetate
 Concen: 106.634 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079916.D
 Acq: 06 Nov 2023 12:34

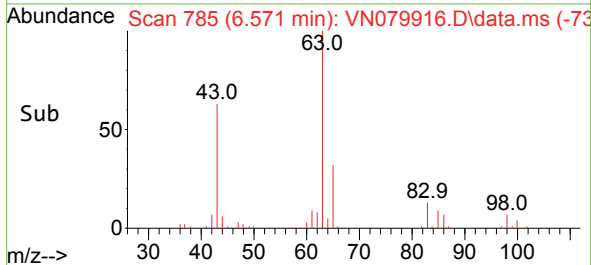
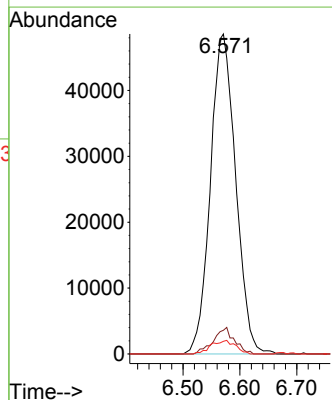
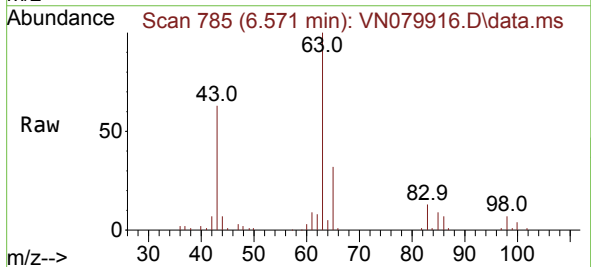
Instrument :
 MSVOA_N
 ClientSampleId :

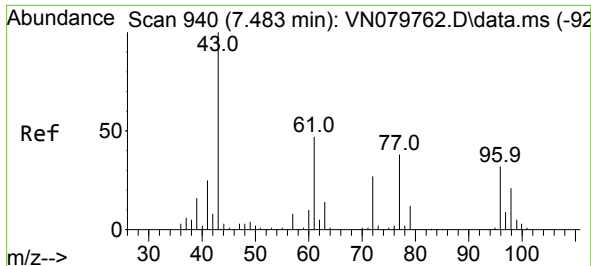
Tgt Ion: 43 Resp: 666281
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 21.807 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079916.D
 Acq: 06 Nov 2023 12:34

Tgt Ion: 63 Resp: 150143
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 3.9 2.5 7.4

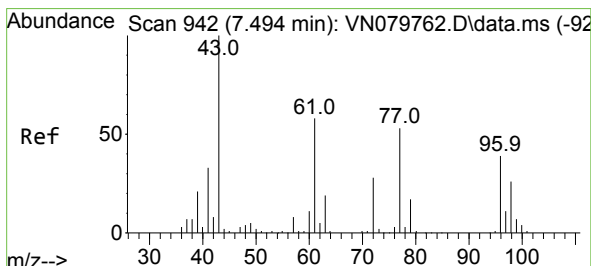
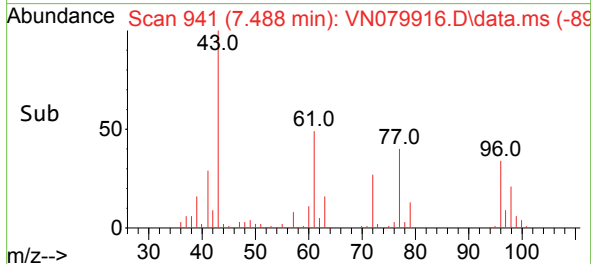
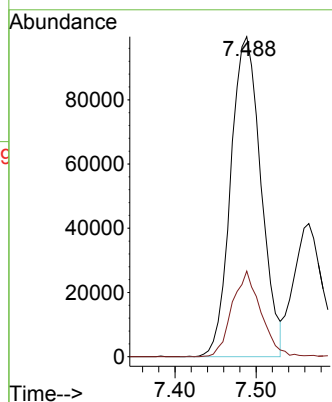
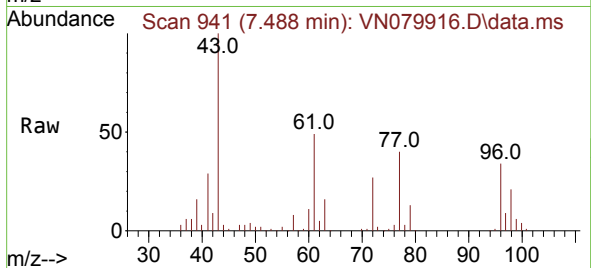




#25
2-Butanone
Concen: 111.080 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

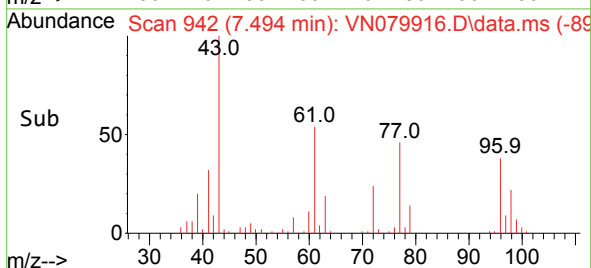
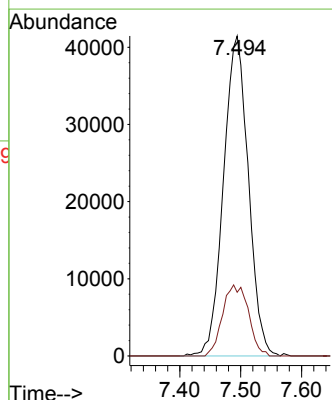
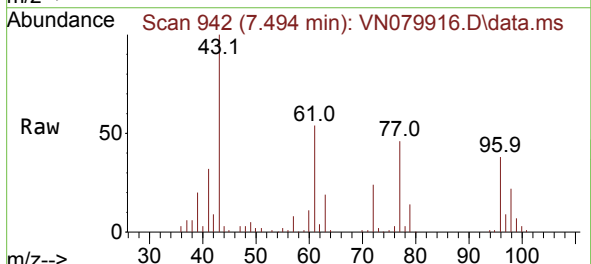
Instrument :
MSVOA_N
ClientSampleId :

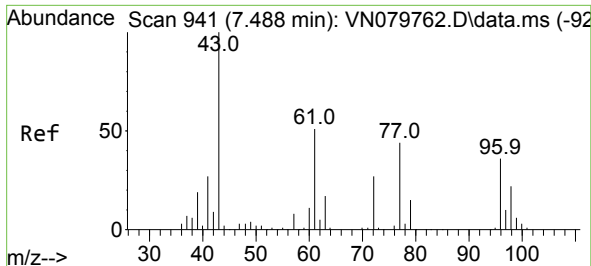
Tgt Ion: 43 Resp: 258092
Ion Ratio Lower Upper
43 100
72 26.8 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 20.652 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 77 Resp: 117594
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6

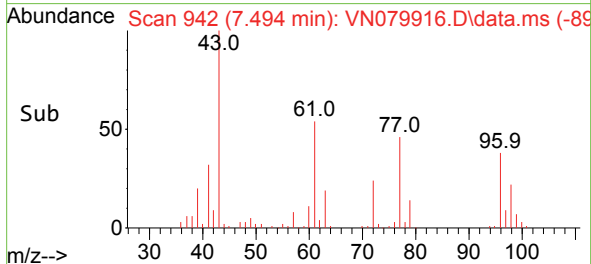
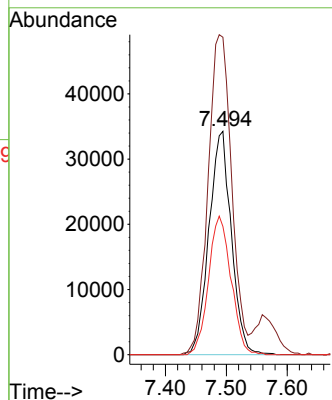
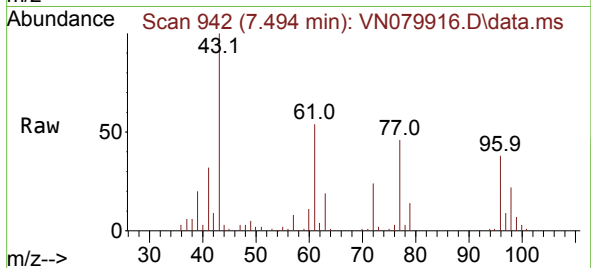




#27
cis-1,2-Dichloroethene
Concen: 20.522 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

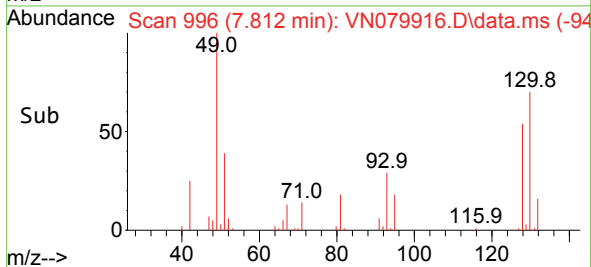
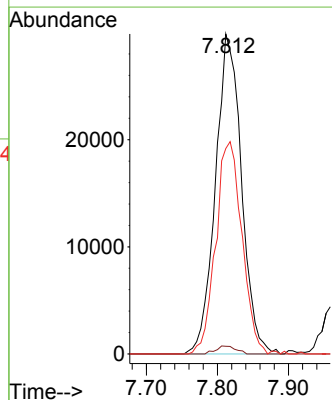
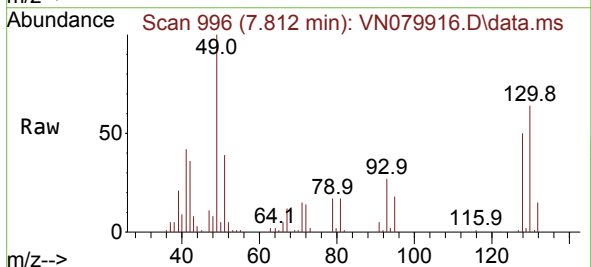
Instrument :
MSVOA_N
ClientSampleId :

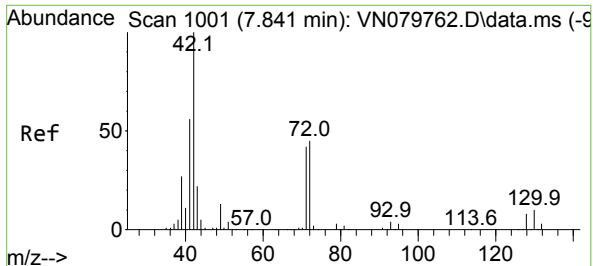
Tgt Ion: 96 Resp: 87373
Ion Ratio Lower Upper
96 100
61 150.7 0.0 255.2
98 62.5 0.0 128.8



#28
Bromochloromethane
Concen: 22.644 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 49 Resp: 75979
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.8
130 67.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 109.700 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

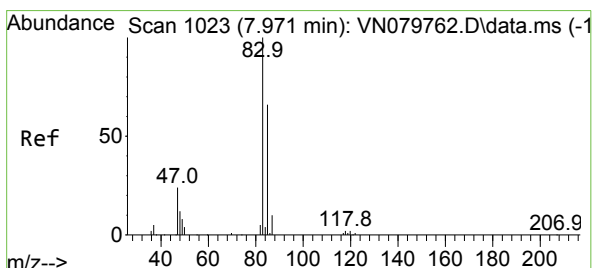
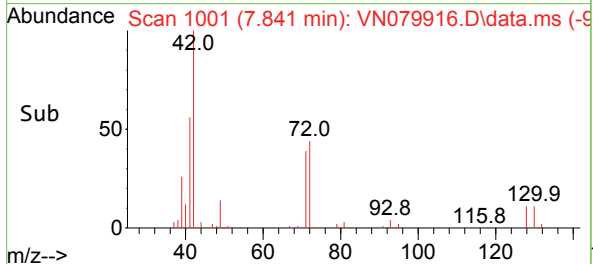
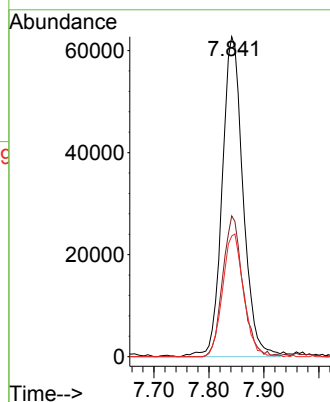
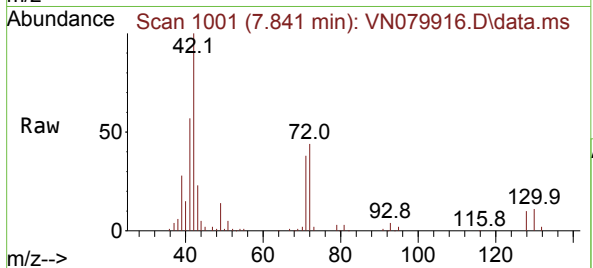
Tgt Ion: 42 Resp: 165831

Ion Ratio Lower Upper

42 100

72 42.4 49.8 74.6#

71 38.6 47.4 71.2#



#30

Chloroform

Concen: 20.652 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN079916.D

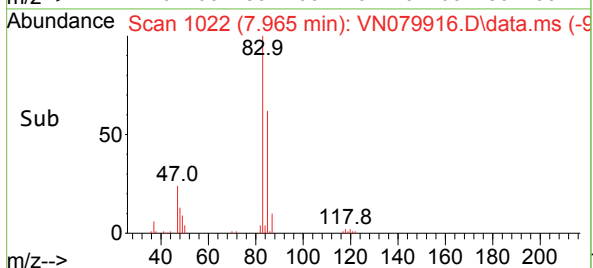
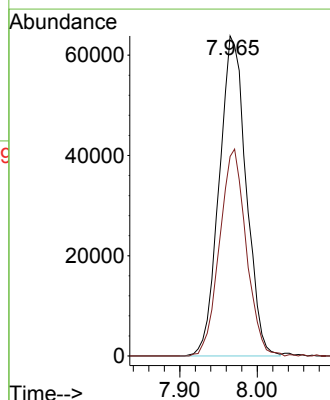
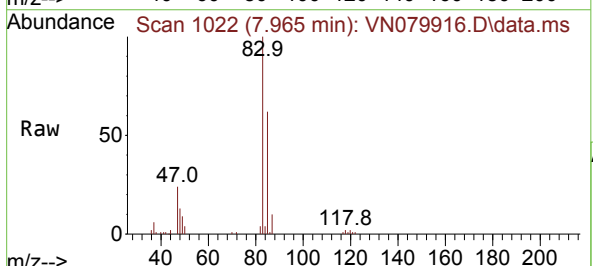
Acq: 06 Nov 2023 12:34

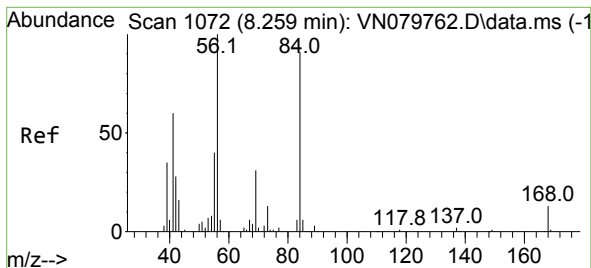
Tgt Ion: 83 Resp: 154447

Ion Ratio Lower Upper

83 100

85 62.4 55.4 83.0





#31

Cyclohexane

Concen: 19.670 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

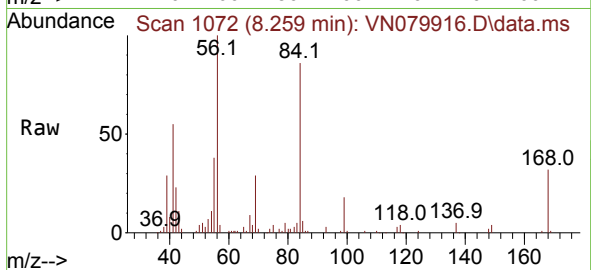
Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :



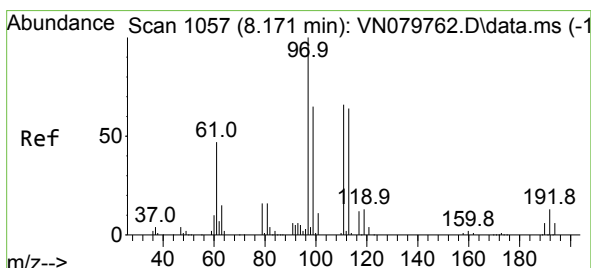
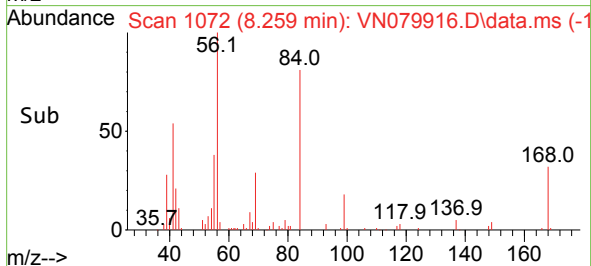
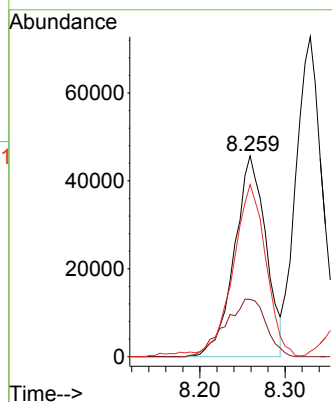
Tgt Ion: 56 Resp: 117412

Ion Ratio Lower Upper

56 100

69 28.5 26.8 40.2

84 83.4 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 21.408 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

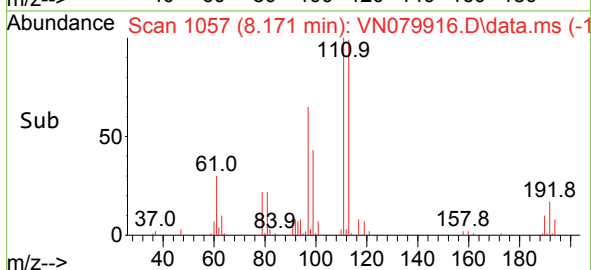
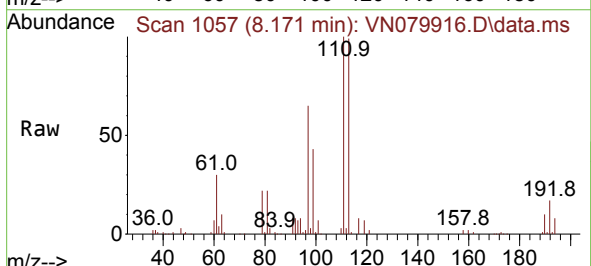
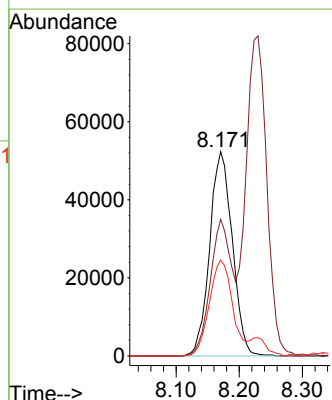
Tgt Ion: 97 Resp: 130455

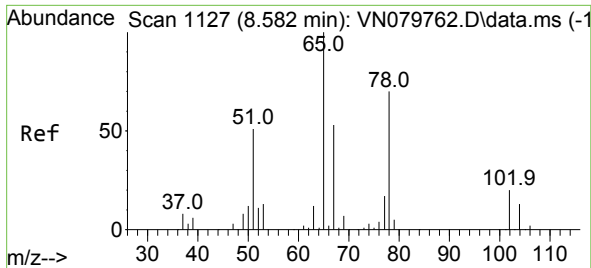
Ion Ratio Lower Upper

97 100

99 63.1 50.3 75.5

61 48.1 34.7 52.1

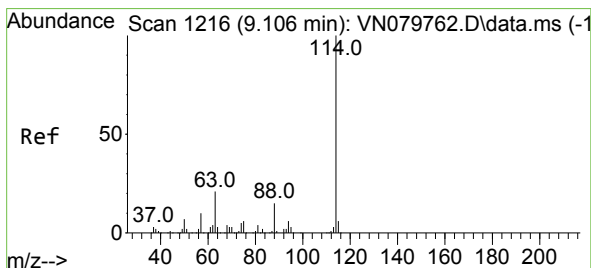
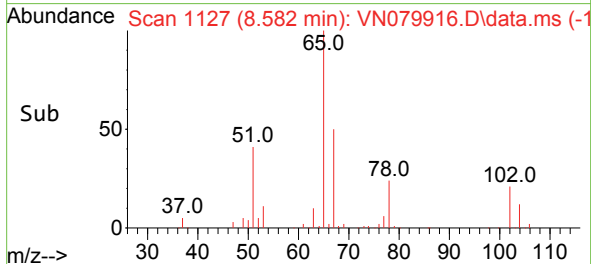
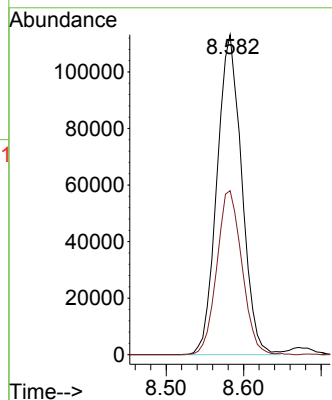
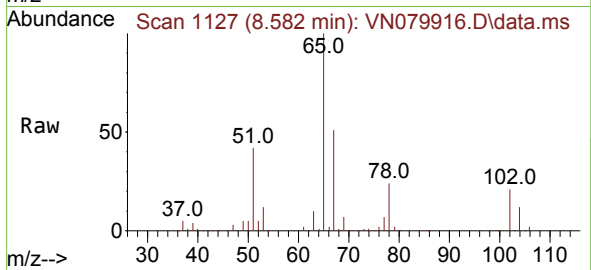




#33
 1,2-Dichloroethane-d4
 Concen: 55.566 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN079916.D
 Acq: 06 Nov 2023 12:34

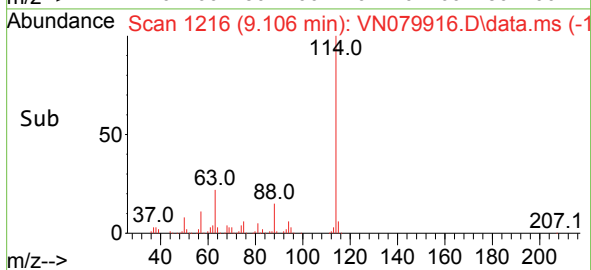
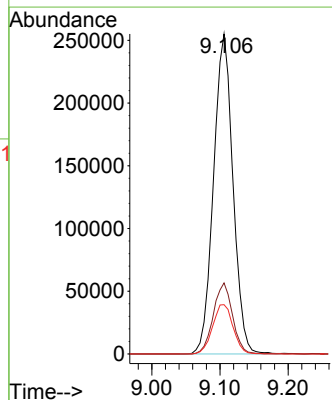
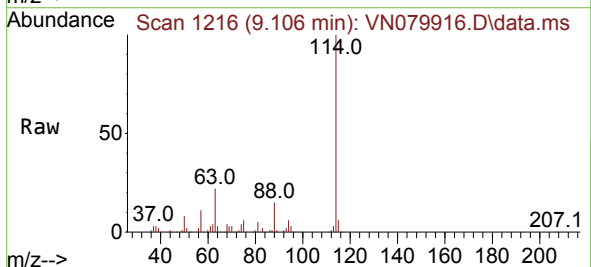
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 65 Resp: 250999
 Ion Ratio Lower Upper
 65 100
 67 52.1 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: VN079916.D
 Acq: 06 Nov 2023 12:34

Tgt Ion: 114 Resp: 506496
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 36.4
 88 15.4 0.0 30.6

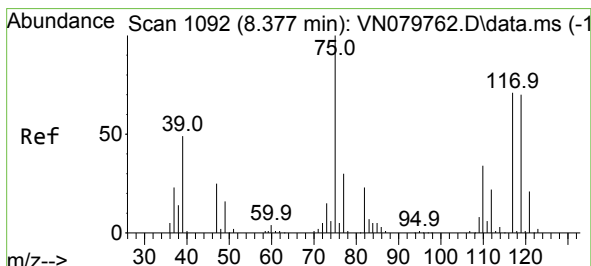
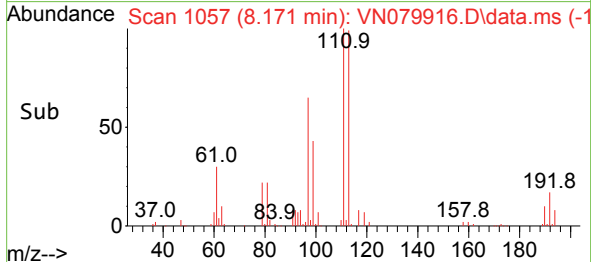
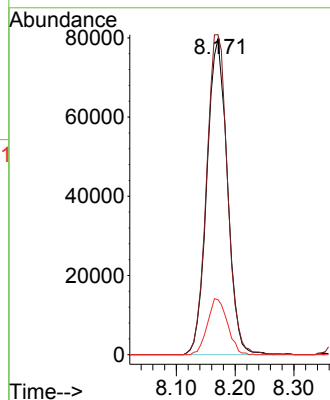
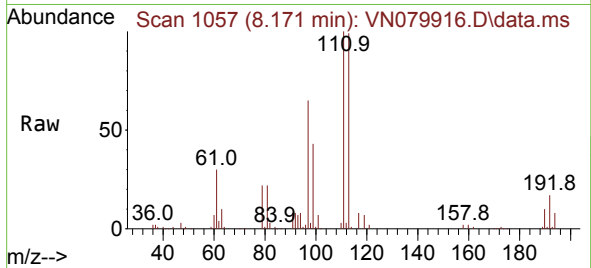




#35
Dibromofluoromethane
Concen: 53.895 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

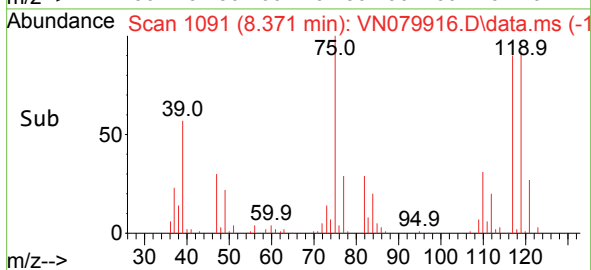
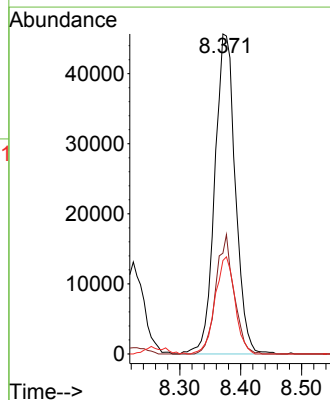
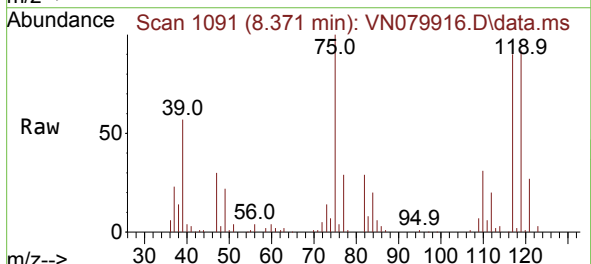
Instrument :
MSVOA_N
ClientSampleId :

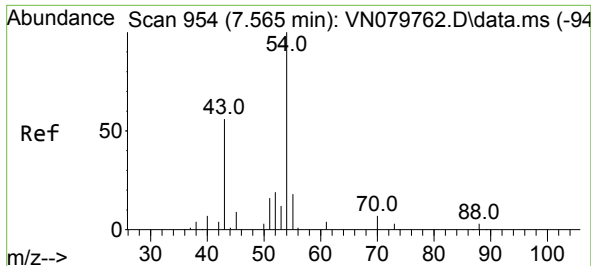
Tgt Ion:113 Resp: 193203
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 17.3 12.7 19.1



#36
1,1-Dichloropropene
Concen: 20.960 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 75 Resp: 107282
Ion Ratio Lower Upper
75 100
110 32.7 19.1 57.3
77 29.3 25.0 37.4

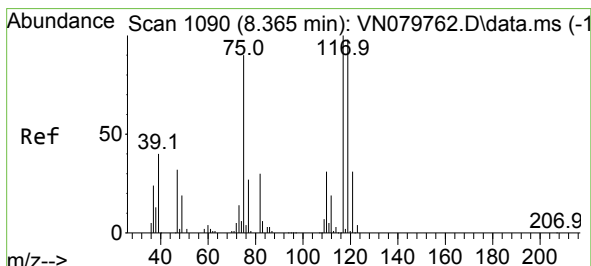
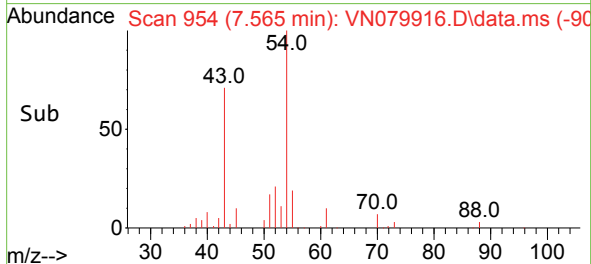
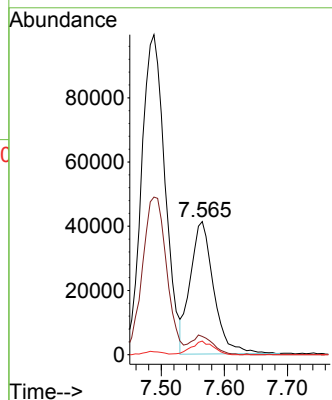
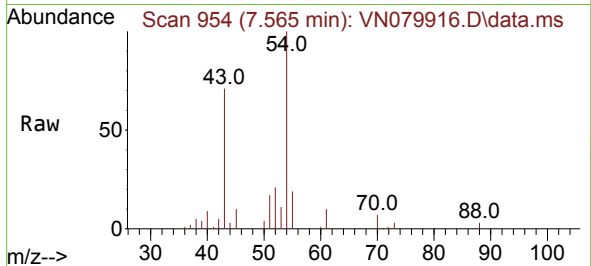




#37
Ethyl Acetate
Concen: 22.613 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

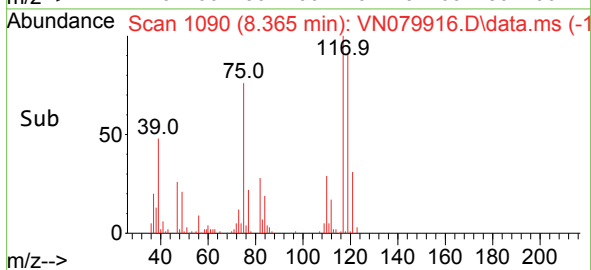
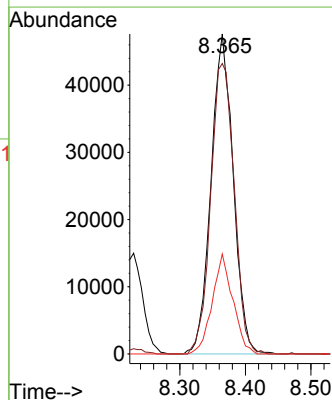
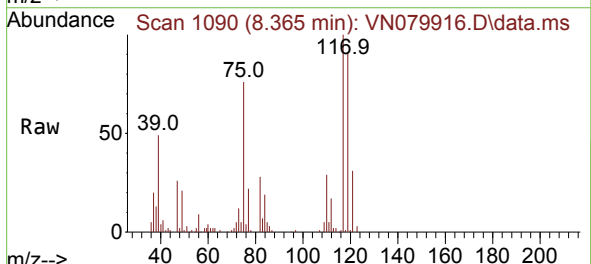
Instrument :
MSVOA_N
ClientSampleId :

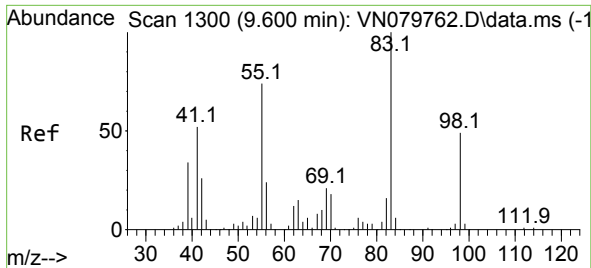
Tgt Ion: 43 Resp: 106153
Ion Ratio Lower Upper
43 100
61 12.9 13.2 19.8#
70 9.5 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 21.661 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 117 Resp: 111736
Ion Ratio Lower Upper
117 100
119 90.7 77.3 115.9
121 31.2 23.3 34.9

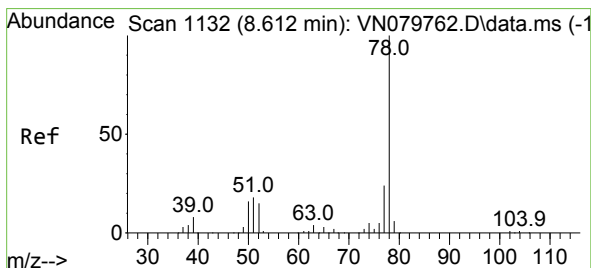
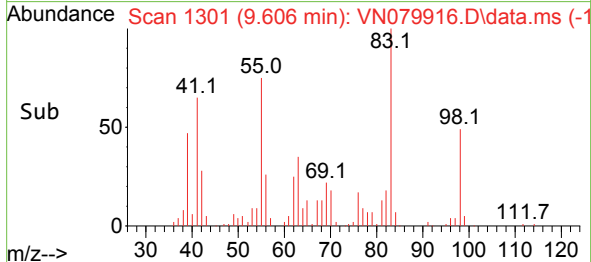
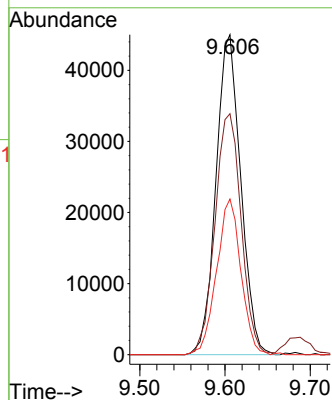
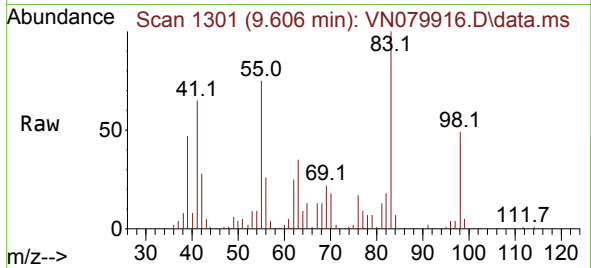




#39
Methylcyclohexane
Concen: 18.908 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

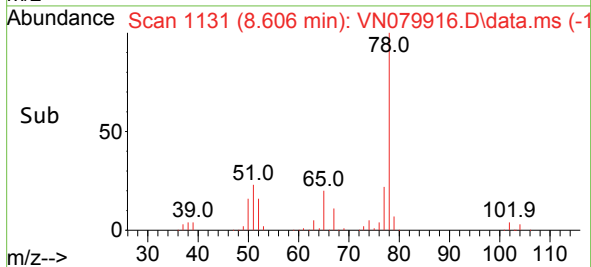
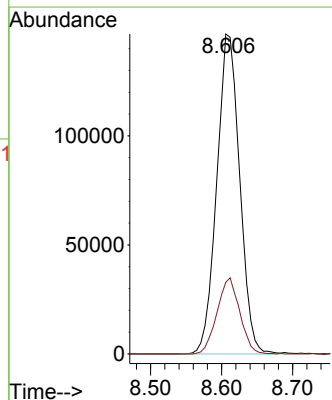
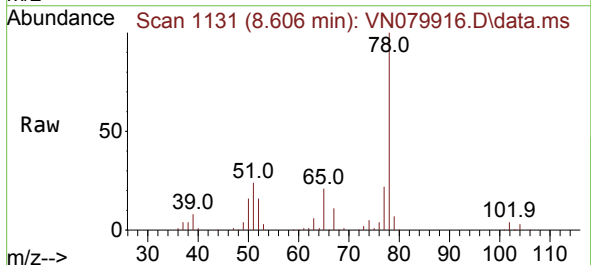
Instrument :
MSVOA_N
ClientSampleId :

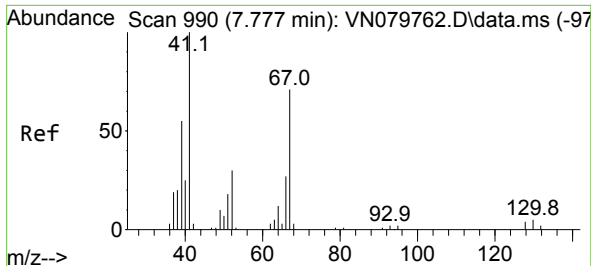
Tgt Ion: 83 Resp: 91080
Ion Ratio Lower Upper
83 100
55 75.3 49.1 73.7#
98 48.7 40.6 61.0



#40
Benzene
Concen: 21.408 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 78 Resp: 328189
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.6

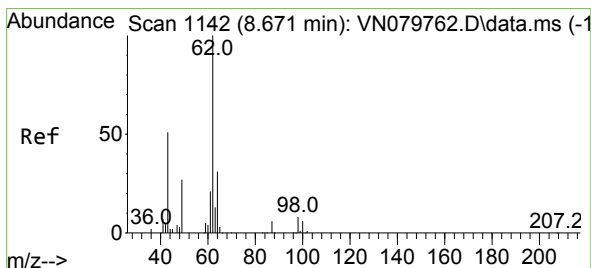
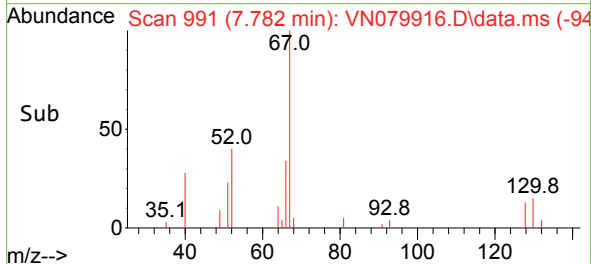
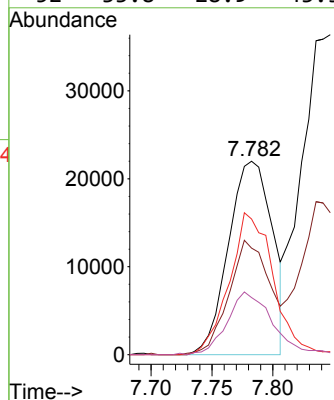
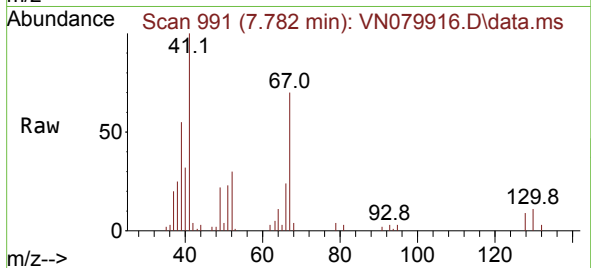




#41
Methacrylonitrile
Concen: 22.113 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

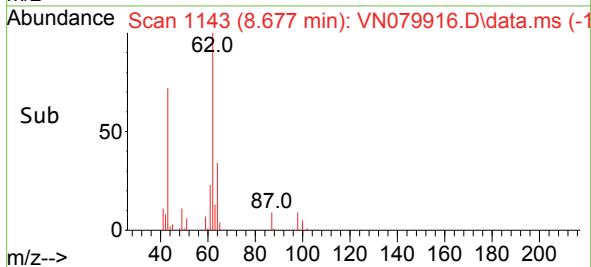
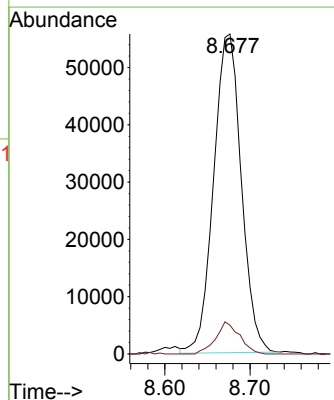
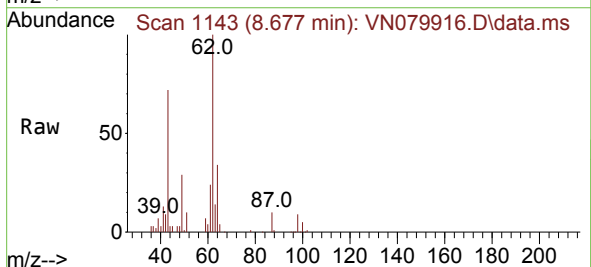
Instrument :
MSVOA_N
ClientSampleId :

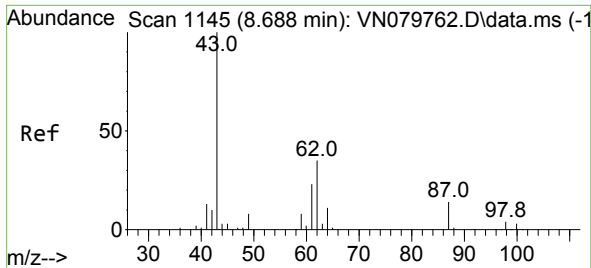
Tgt Ion: 41	Resp: 55122
Ion Ratio	Lower Upper
41 100	
39 55.1	42.6 64.0
67 73.3	77.5 116.3#
52 33.8	28.9 43.3



#42
1,2-Dichloroethane
Concen: 23.471 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 62	Resp: 125686
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 19.8

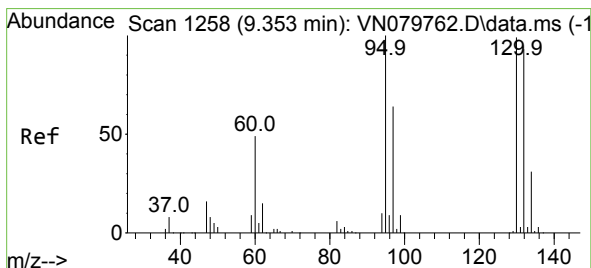
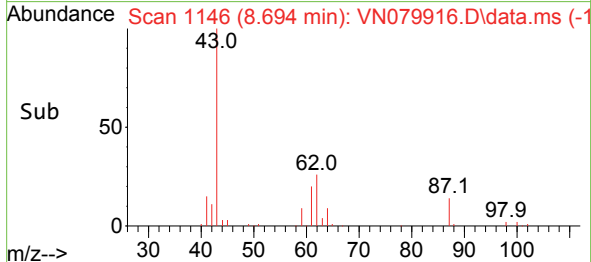
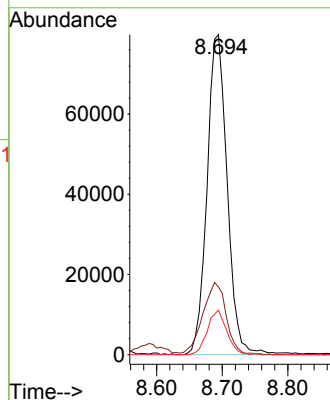
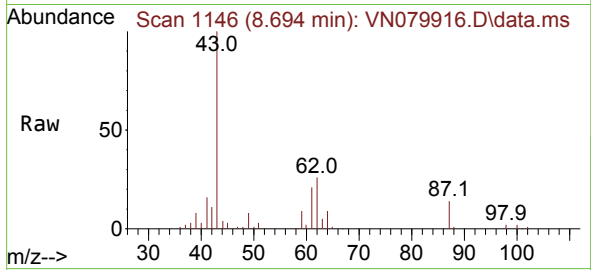




#43
Isopropyl Acetate
Concen: 20.694 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

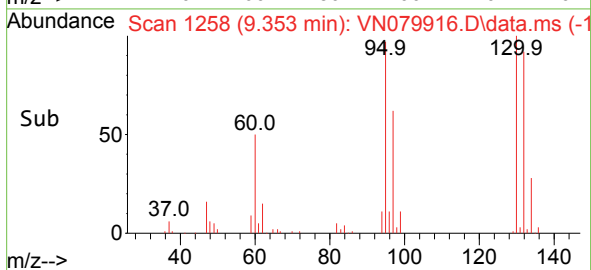
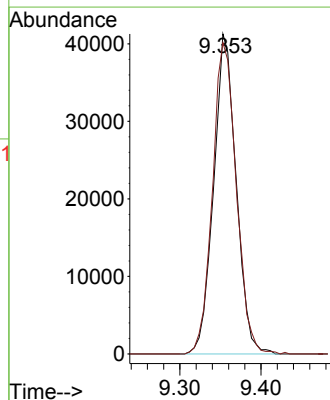
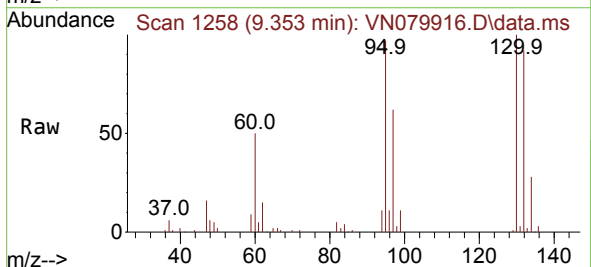
Instrument :
MSVOA_N
ClientSampleId :

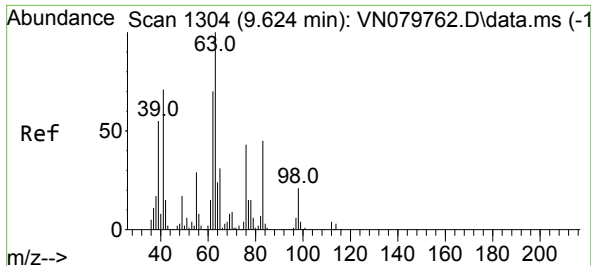
Tgt Ion: 43 Resp: 170362
Ion Ratio Lower Upper
43 100
61 26.4 24.7 37.1
87 13.3 14.6 21.8#



#44
Trichloroethene
Concen: 20.928 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion:130 Resp: 79614
Ion Ratio Lower Upper
130 100
95 97.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 22.446 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

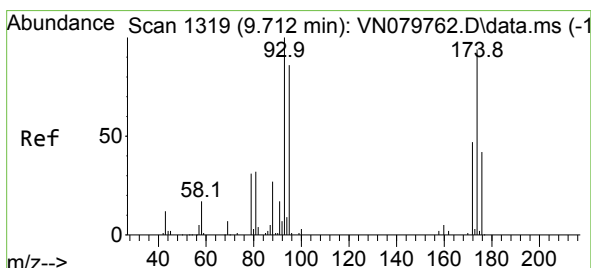
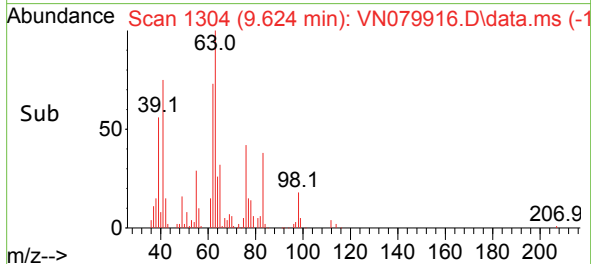
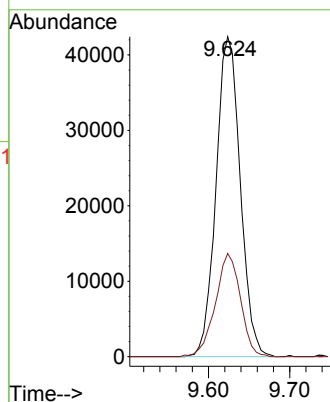
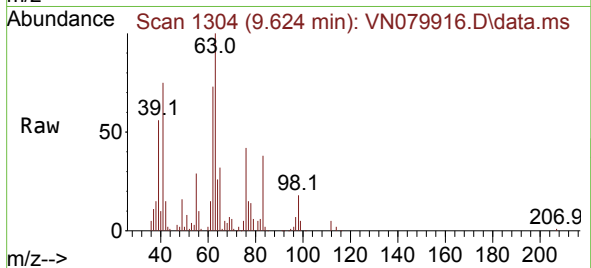
ClientSampleId :

Tgt Ion: 63 Resp: 87941

Ion Ratio Lower Upper

63 100

65 32.2 23.9 35.9



#46

Dibromomethane

Concen: 21.788 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

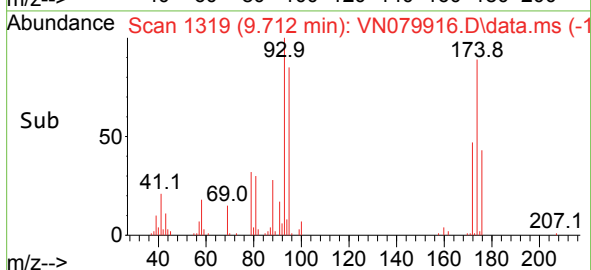
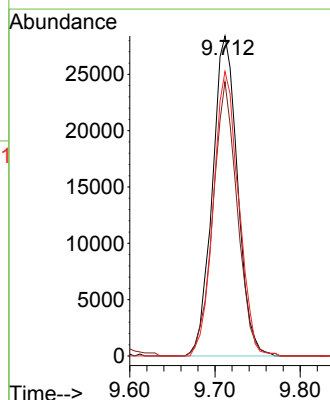
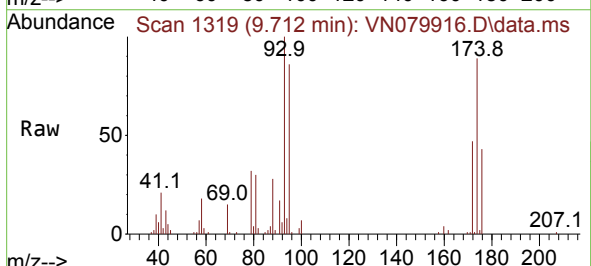
Tgt Ion: 93 Resp: 58287

Ion Ratio Lower Upper

93 100

95 82.7 63.8 95.8

174 88.9 65.6 98.4

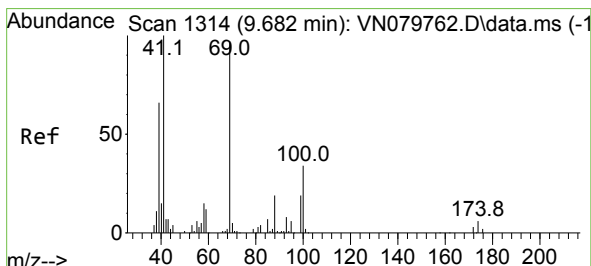
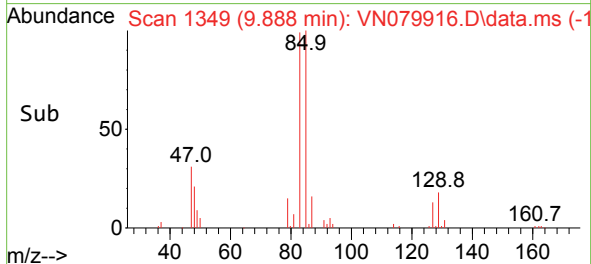
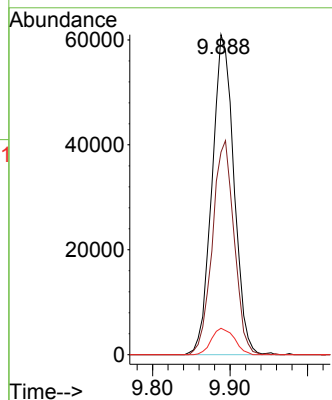
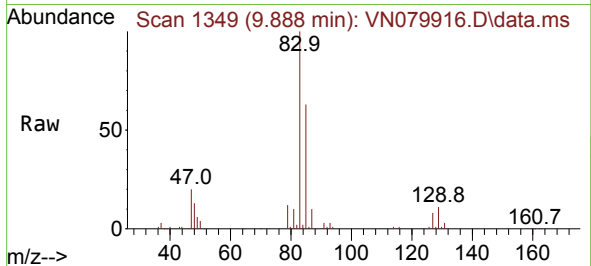




#47
Bromodichloromethane
Concen: 20.998 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

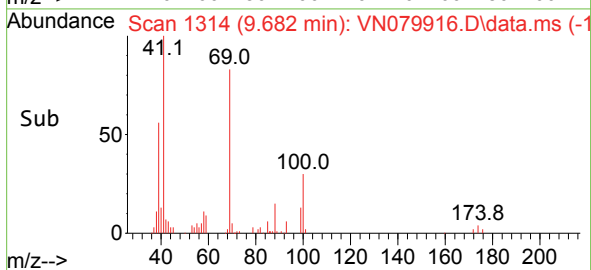
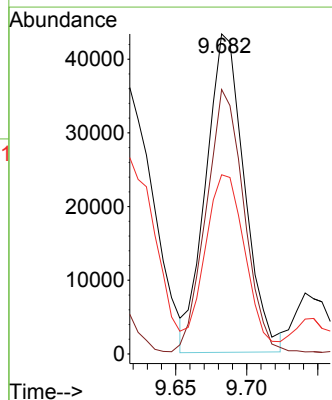
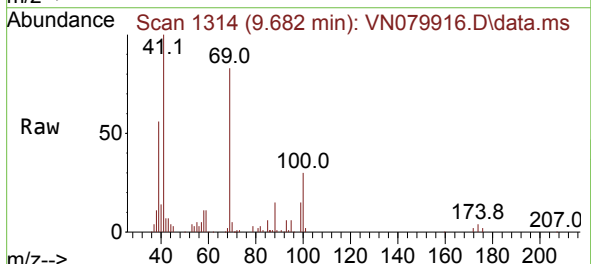
Instrument :
MSVOA_N
ClientSampleId :

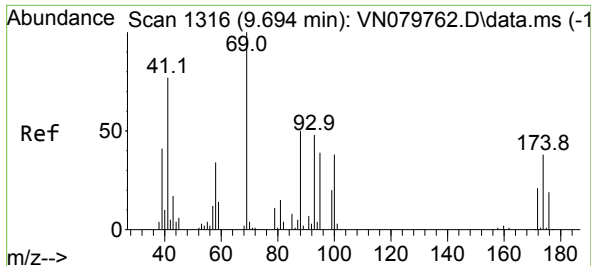
Tgt Ion: 83 Resp: 119797
Ion Ratio Lower Upper
83 100
85 63.3 49.6 74.4
127 8.2 7.0 10.6



#48
Methyl methacrylate
Concen: 22.628 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 41 Resp: 81593
Ion Ratio Lower Upper
41 100
69 82.8 90.4 135.6#
39 59.6 54.6 81.8





#49

1,4-Dioxane

Concen: 429.790 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

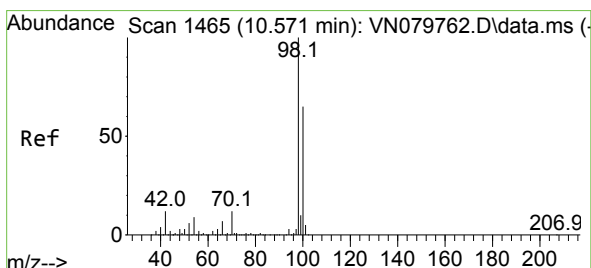
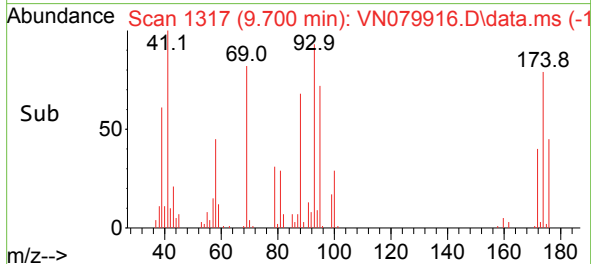
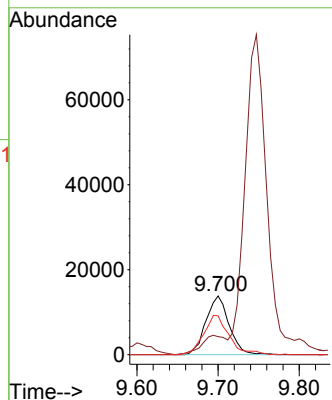
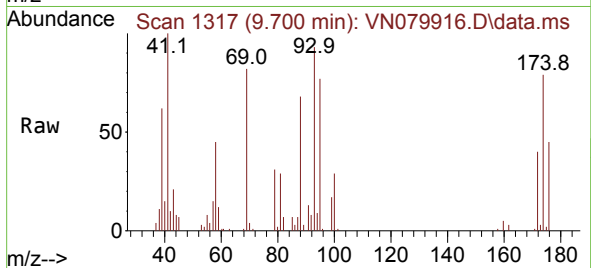
Tgt Ion: 88 Resp: 27384

Ion Ratio Lower Upper

88 100

43 35.3 17.0 25.6#

58 73.6 47.0 70.4#



#50

Toluene-d8

Concen: 52.999 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079916.D

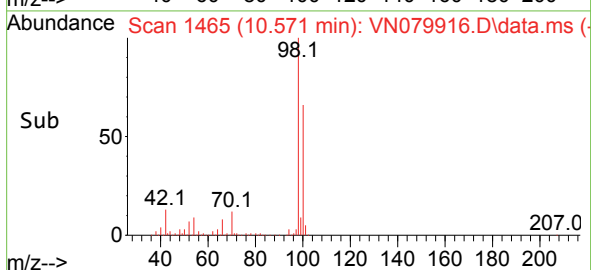
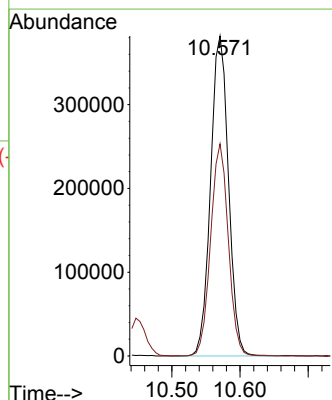
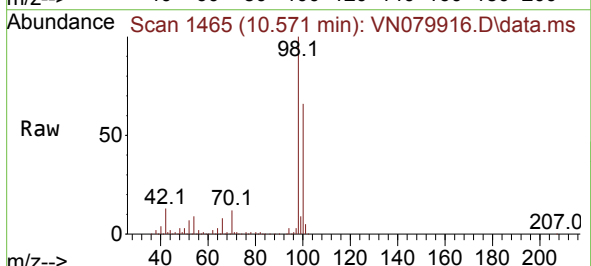
Acq: 06 Nov 2023 12:34

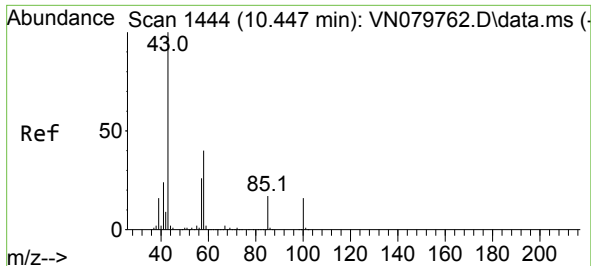
Tgt Ion: 98 Resp: 699424

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

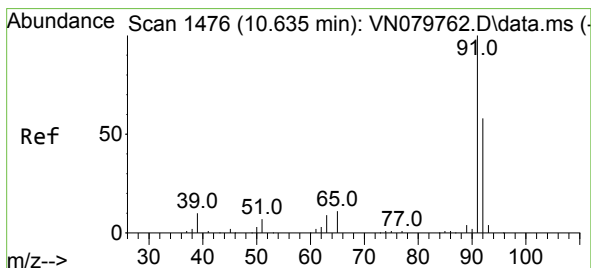
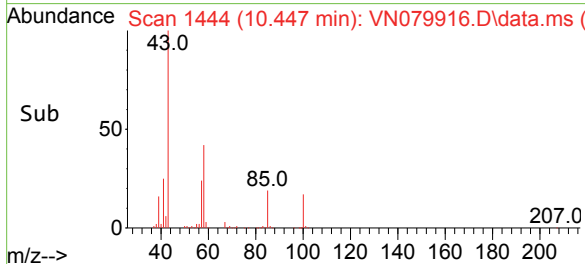
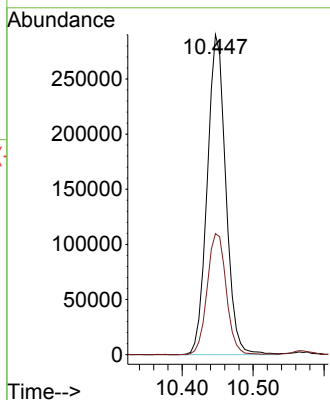
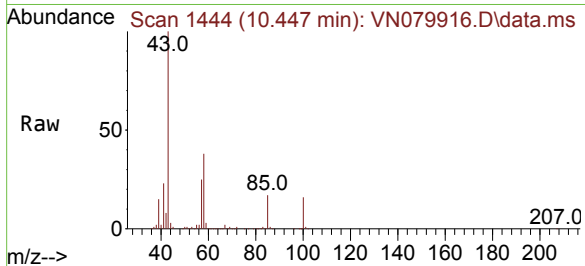




#51
4-Methyl-2-Pentanone
Concen: 113.696 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

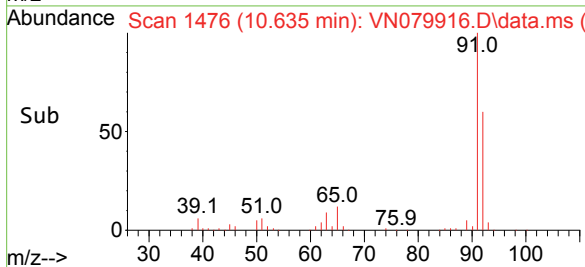
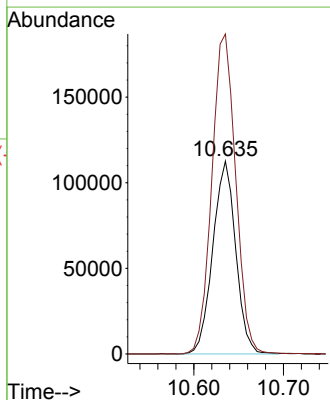
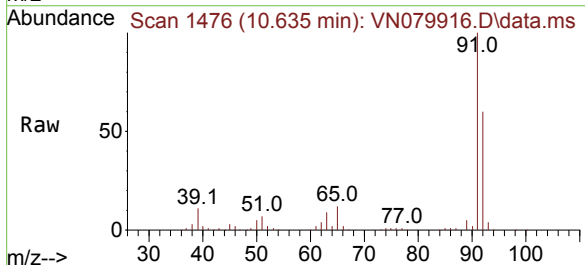
Instrument :
MSVOA_N
ClientSampleId :

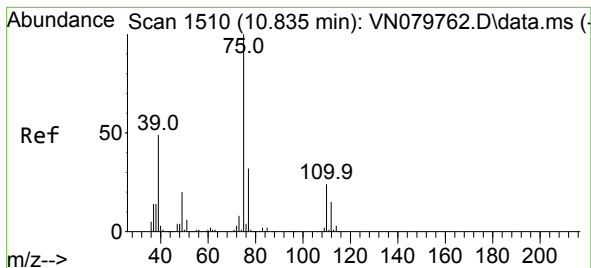
Tgt Ion: 43 Resp: 526946
Ion Ratio Lower Upper
43 100
58 38.9 36.6 54.8



#52
Toluene
Concen: 21.937 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 92 Resp: 199372
Ion Ratio Lower Upper
92 100
91 173.5 137.4 206.0

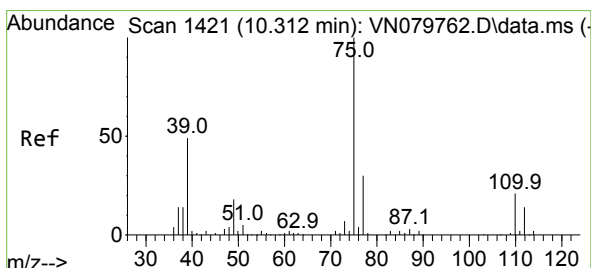
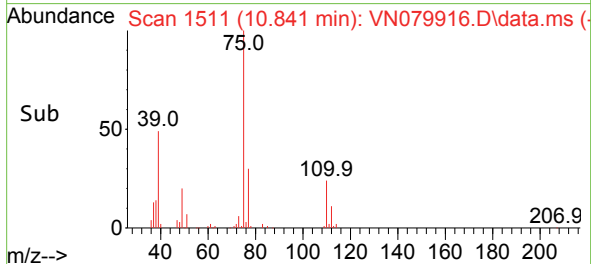
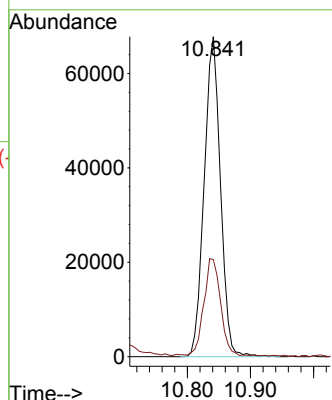
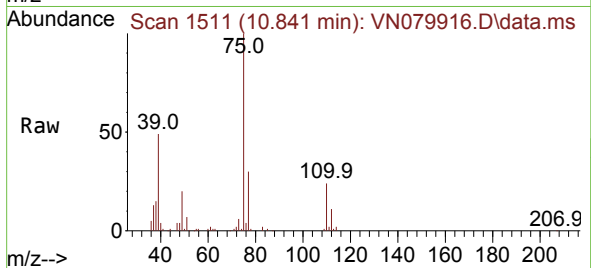




#53
t-1,3-Dichloropropene
Concen: 21.708 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

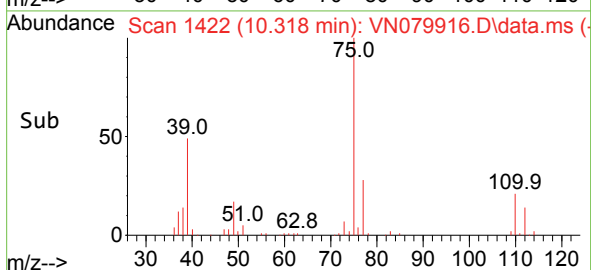
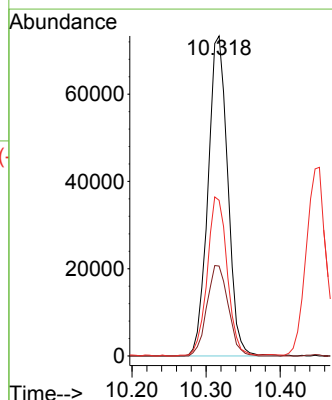
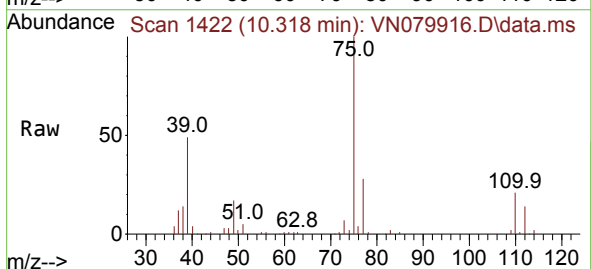
Instrument :
MSVOA_N
ClientSampleId :

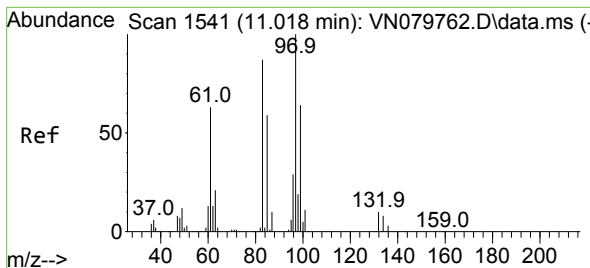
Tgt Ion: 75 Resp: 121412
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 22.273 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 75 Resp: 135783
Ion Ratio Lower Upper
75 100
77 28.1 26.1 39.1
39 48.4 31.6 47.4#

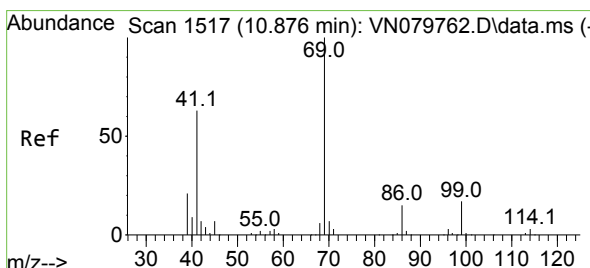
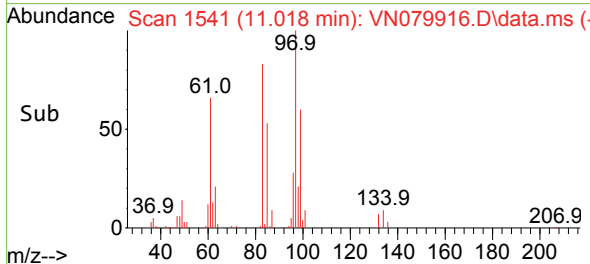
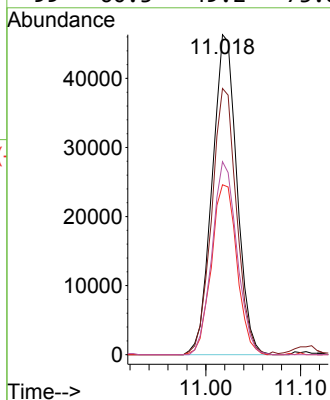
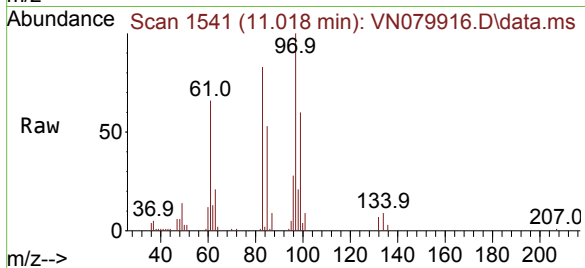




#55
 1,1,2-Trichloroethane
 Concen: 23.014 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN079916.D
 Acq: 06 Nov 2023 12:34

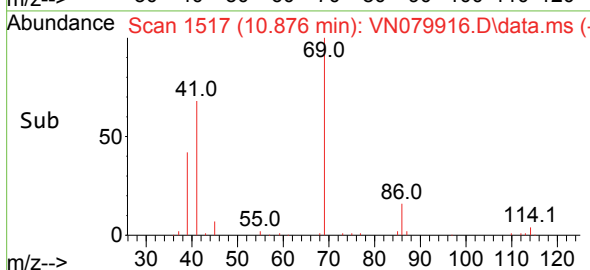
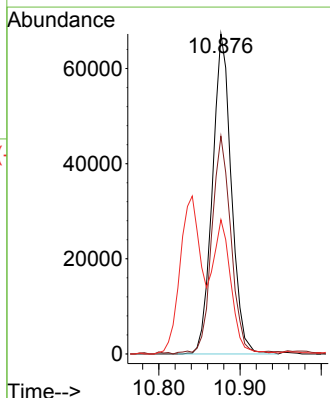
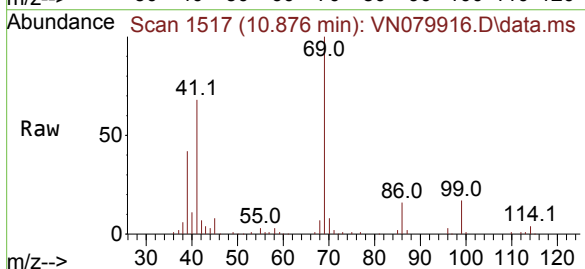
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:	97	Resp:	84130
Ion	Ratio	Lower	Upper
97	100		
83	83.2	65.1	97.7
85	53.1	43.4	65.2
99	60.3	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 20.898 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: VN079916.D
 Acq: 06 Nov 2023 12:34

Tgt Ion:	69	Resp:	108971
Ion	Ratio	Lower	Upper
69	100		
41	69.2	39.6	59.4#
39	39.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 22.141 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

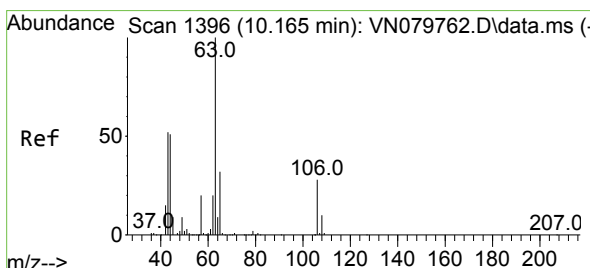
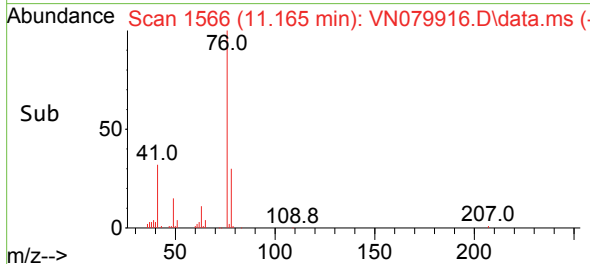
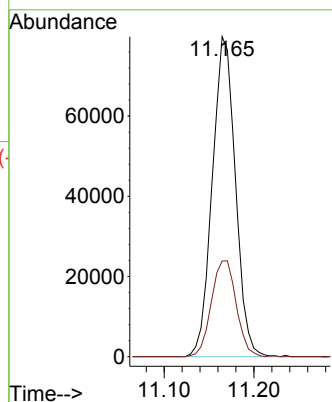
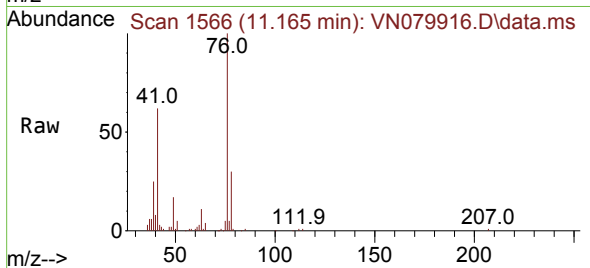
ClientSampleId :

Tgt Ion: 76 Resp: 142668

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 100.044 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079916.D

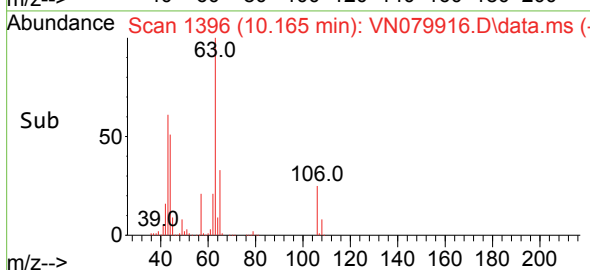
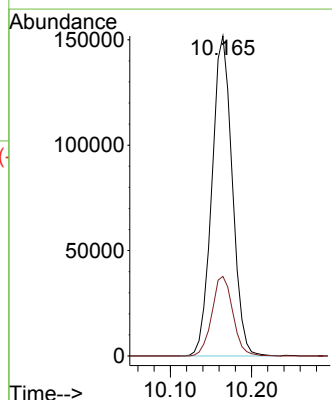
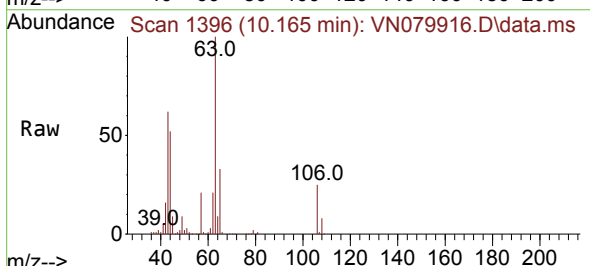
Acq: 06 Nov 2023 12:34

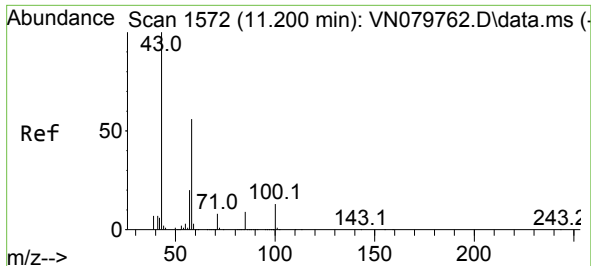
Tgt Ion: 63 Resp: 264396

Ion Ratio Lower Upper

63 100

106 25.6 26.2 39.4#

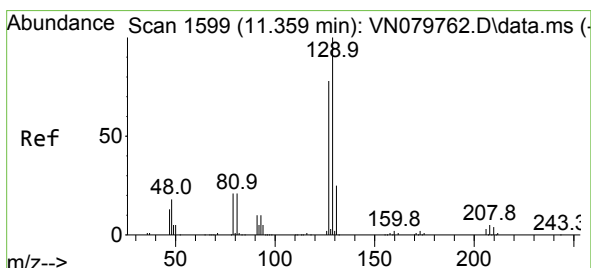
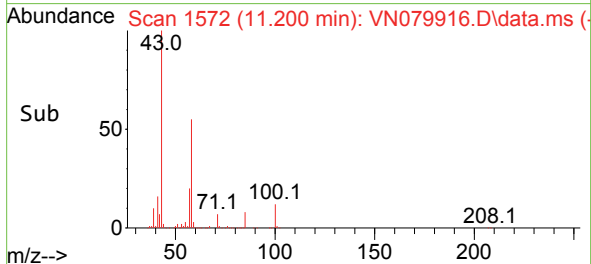
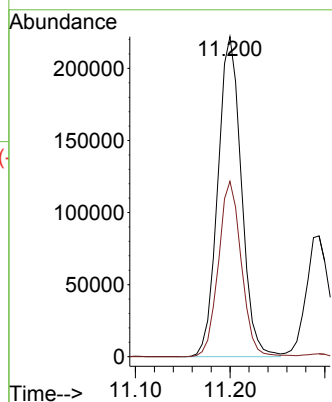
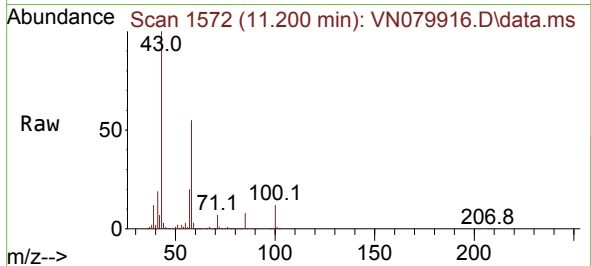




#59
2-Hexanone
Concen: 108.156 ug/l
RT: 11.200 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

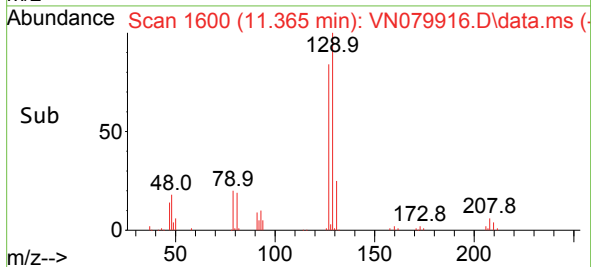
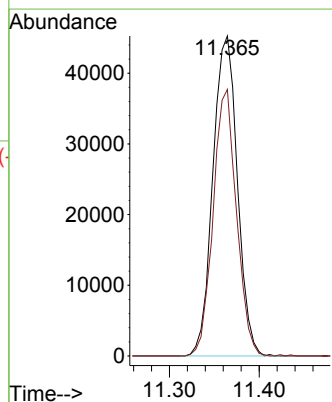
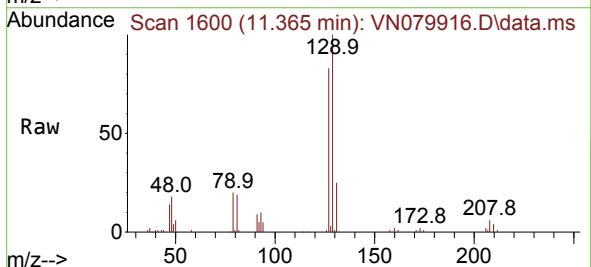
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 383470
Ion Ratio Lower Upper
43 100
58 53.4 31.7 95.1



#60
Dibromochloromethane
Concen: 21.913 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 129 Resp: 85744
Ion Ratio Lower Upper
129 100
127 79.4 38.6 116.0

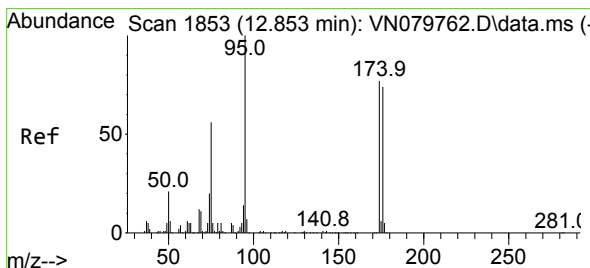
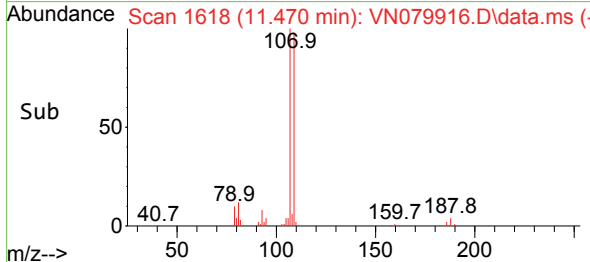
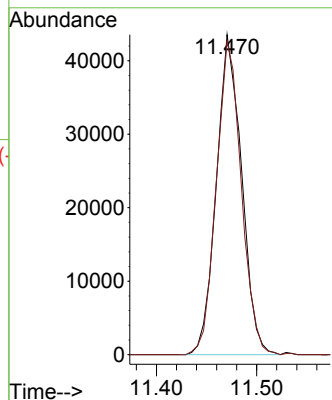
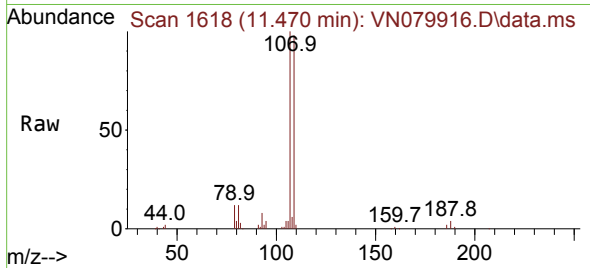




#61
1,2-Dibromoethane
Concen: 20.683 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

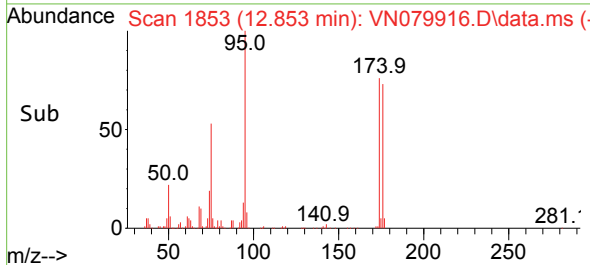
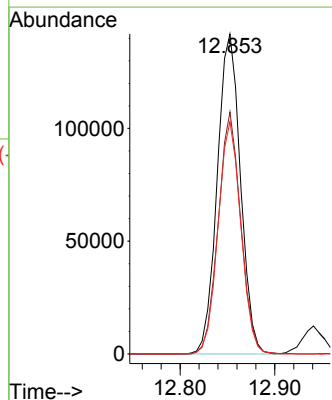
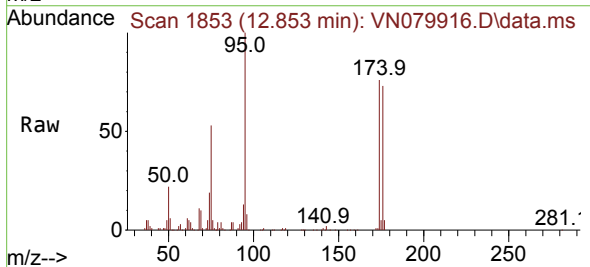
Instrument :
MSVOA_N
ClientSampleId :

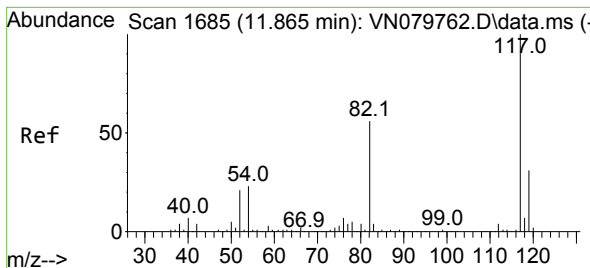
Tgt Ion:107 Resp: 75888
Ion Ratio Lower Upper
107 100
109 97.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 55.274 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 95 Resp: 241921
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.8
176 70.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

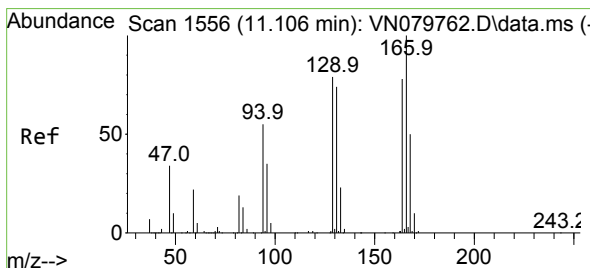
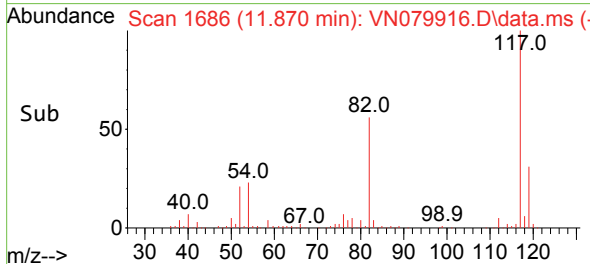
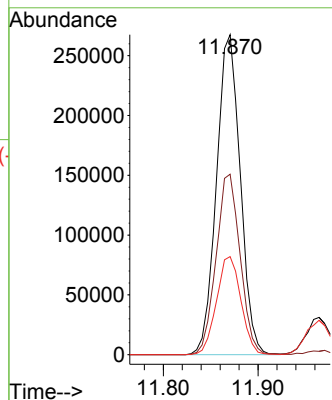
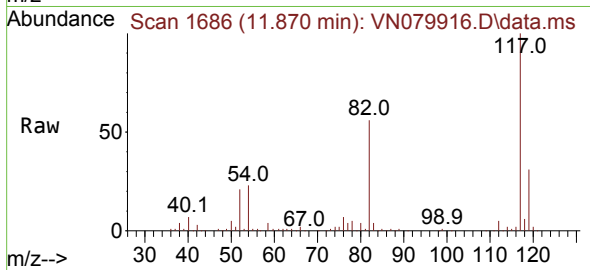
Tgt Ion:117 Resp: 467506

Ion Ratio Lower Upper

117 100

82 56.4 44.0 66.0

119 30.6 25.6 38.4



#64

Tetrachloroethene

Concen: 24.206 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Tgt Ion:164 Resp: 73290

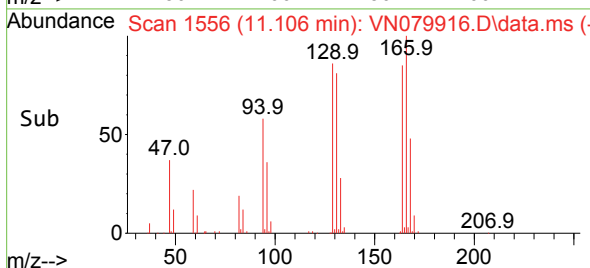
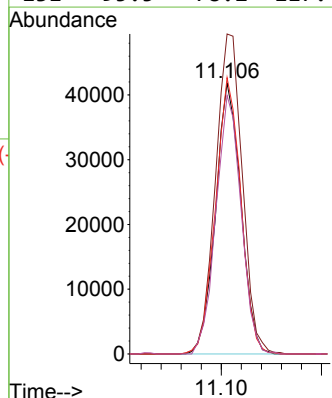
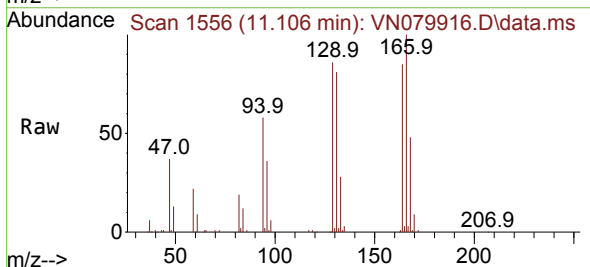
Ion Ratio Lower Upper

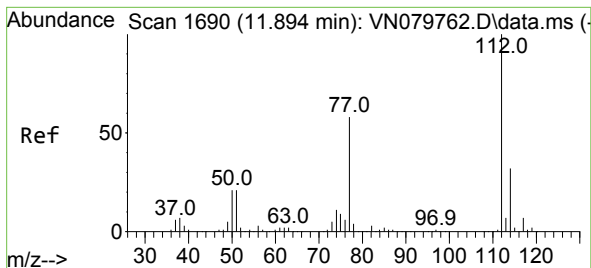
164 100

166 118.2 101.4 152.0

129 102.1 82.4 123.6

131 95.5 78.2 117.4

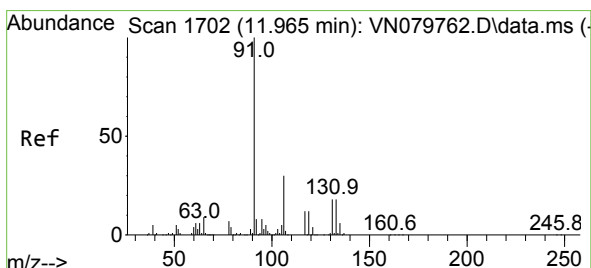
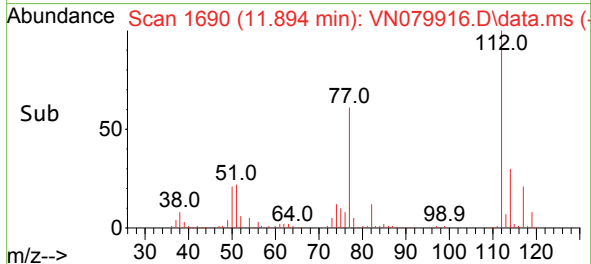
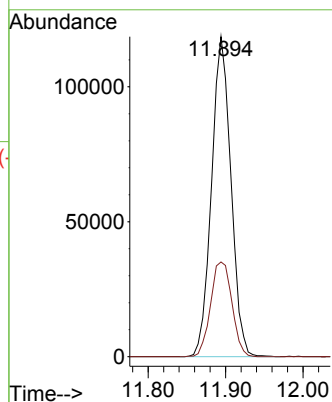
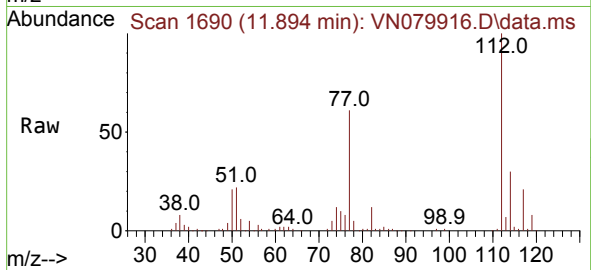




#65
Chlorobenzene
Concen: 20.349 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

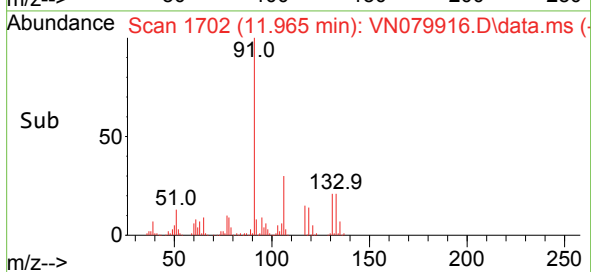
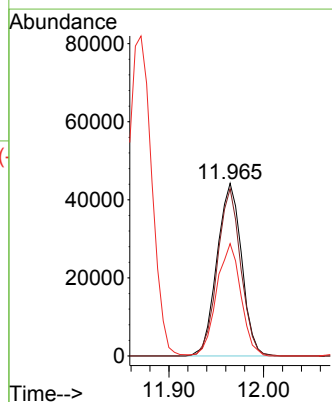
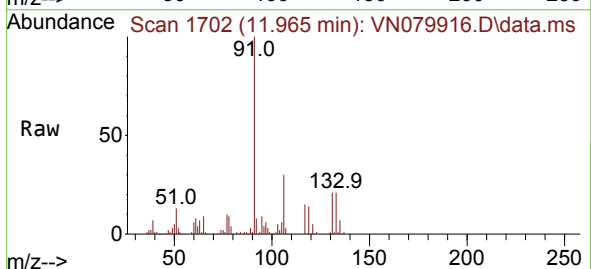
Instrument :
MSVOA_N
ClientSampleId :

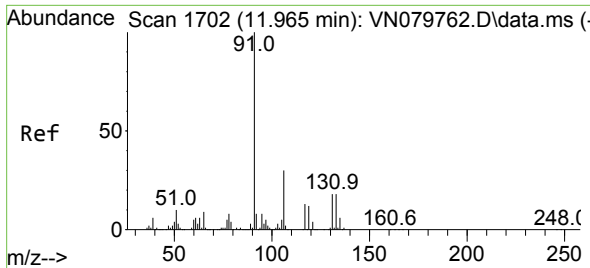
Tgt Ion:112 Resp: 206365
Ion Ratio Lower Upper
112 100
114 29.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.879 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion:131 Resp: 79942
Ion Ratio Lower Upper
131 100
133 92.3 46.4 139.1
119 64.1 34.1 102.2

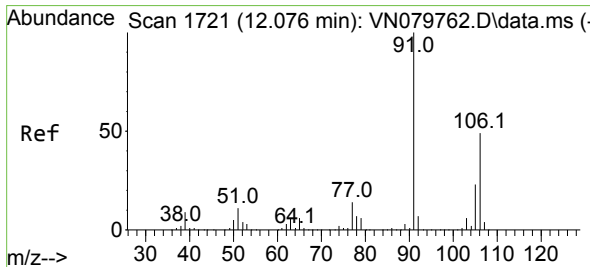
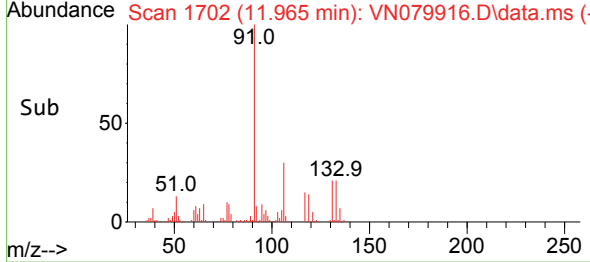
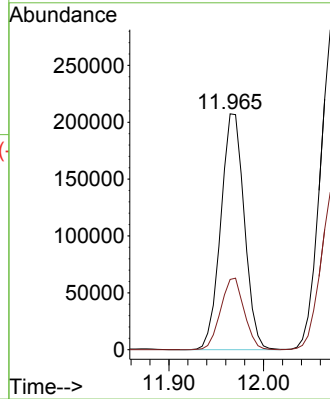
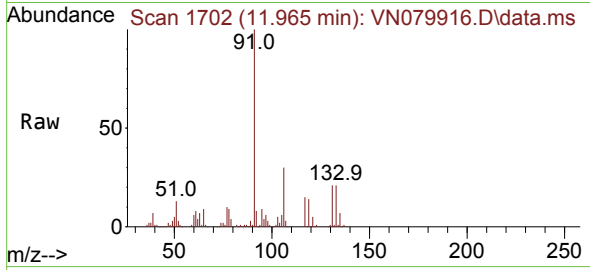




#67
Ethyl Benzene
Concen: 20.304 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

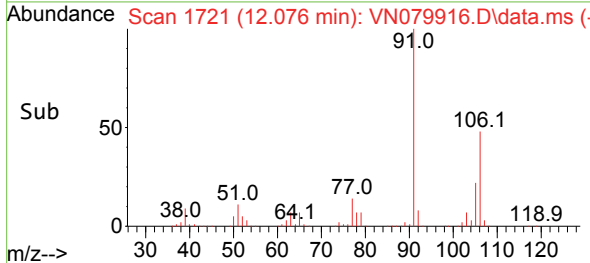
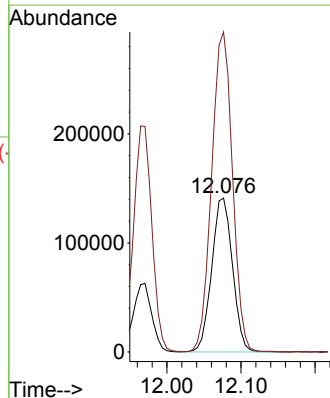
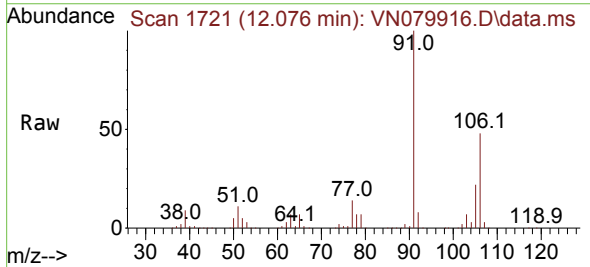
Instrument :
MSVOA_N
ClientSampleId :

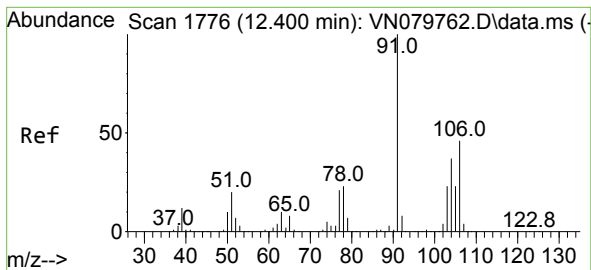
Tgt Ion: 91 Resp: 358745
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4



#68
m/p-Xylenes
Concen: 41.775 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion:106 Resp: 274953
Ion Ratio Lower Upper
106 100
91 208.8 159.6 239.4





#69

o-Xylene

Concen: 20.317 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

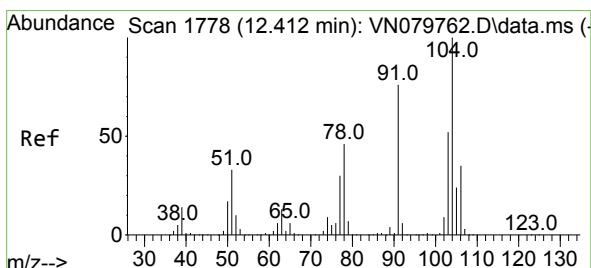
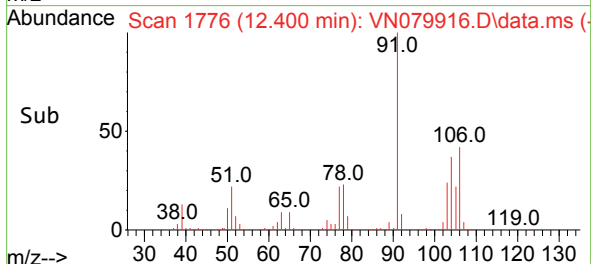
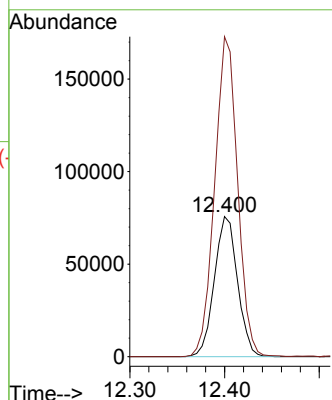
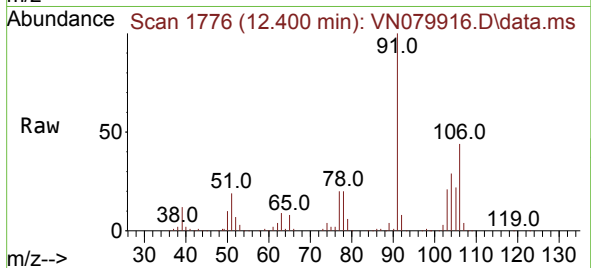
ClientSampleId :

Tgt Ion:106 Resp: 128764

Ion Ratio Lower Upper

106 100

91 225.9 105.2 315.5



#70

Styrene

Concen: 21.428 ug/l

RT: 12.417 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

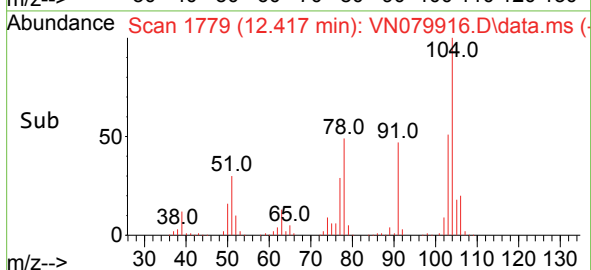
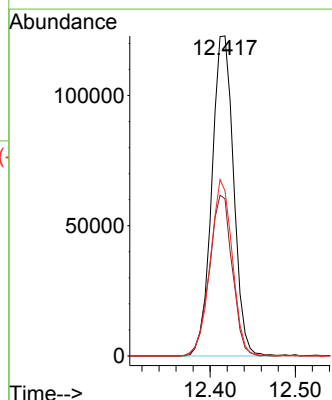
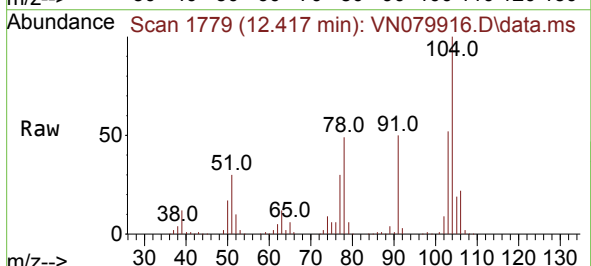
Tgt Ion:104 Resp: 218252

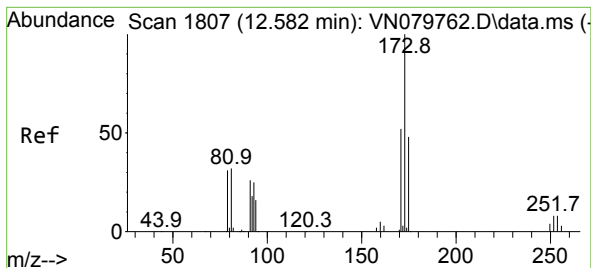
Ion Ratio Lower Upper

104 100

78 52.6 39.5 59.3

103 55.8 43.2 64.8





#71

Bromoform

Concen: 21.410 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

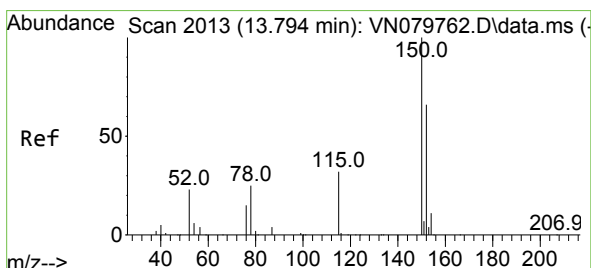
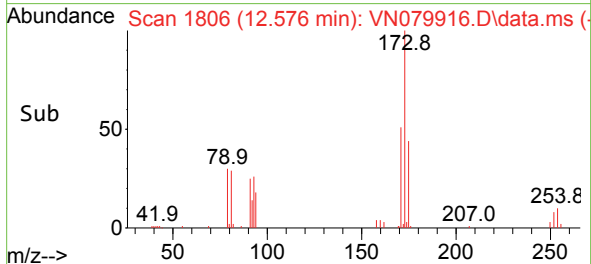
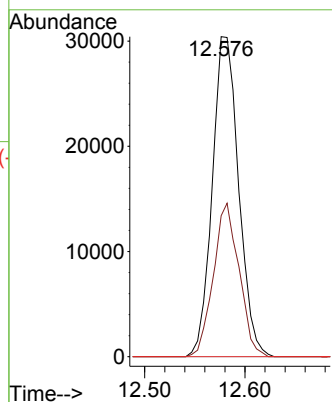
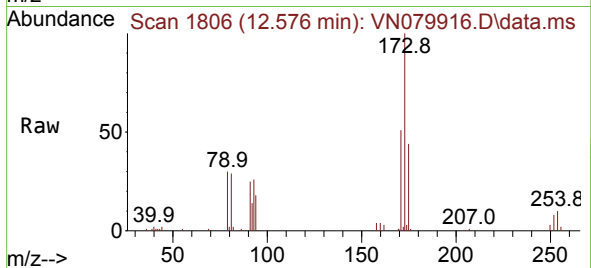
Tgt Ion:173 Resp: 55547

Ion Ratio Lower Upper

173 100

175 46.6 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

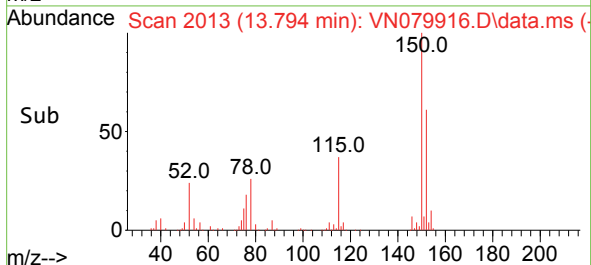
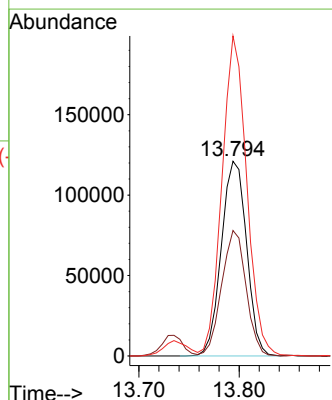
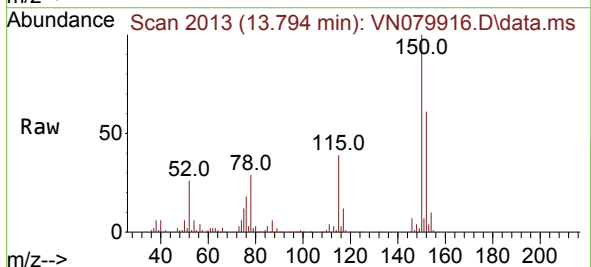
Tgt Ion:152 Resp: 211825

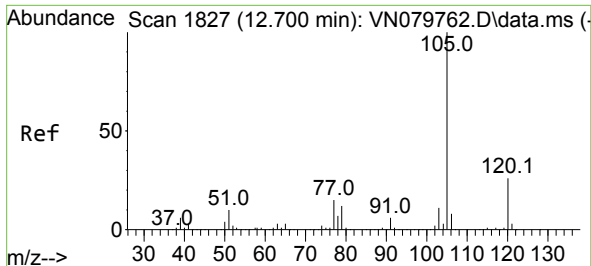
Ion Ratio Lower Upper

152 100

115 62.2 32.3 96.8

150 161.1 0.0 355.8

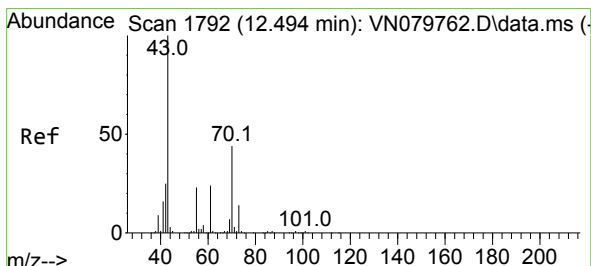
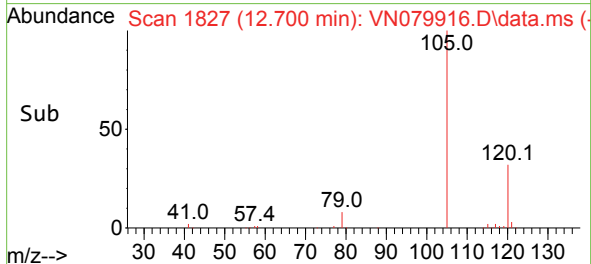
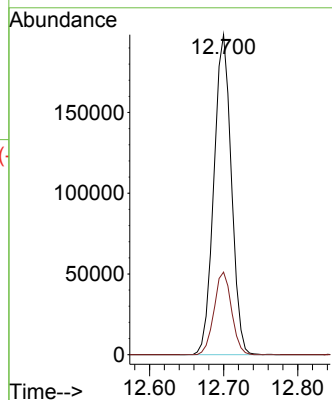
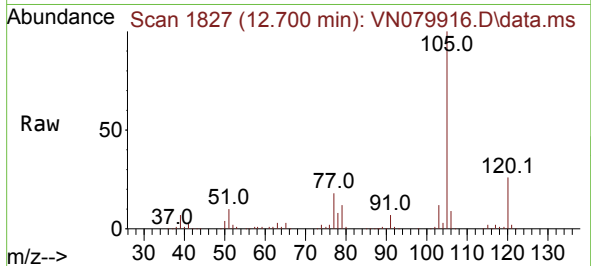




#73
Isopropylbenzene
Concen: 20.156 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

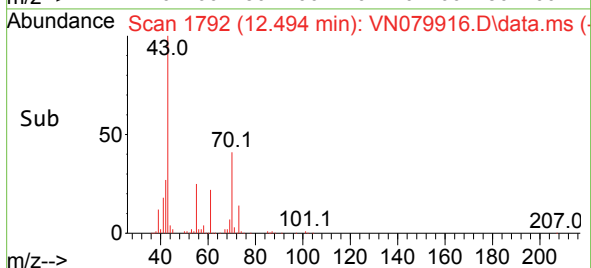
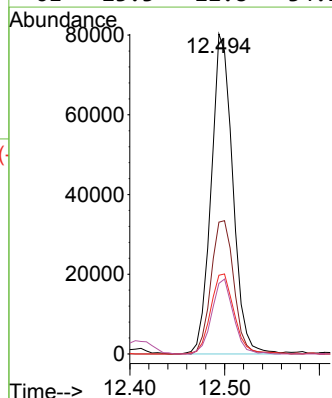
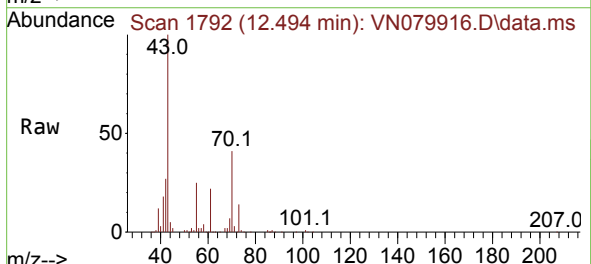
Instrument :
MSVOA_N
ClientSampleId :

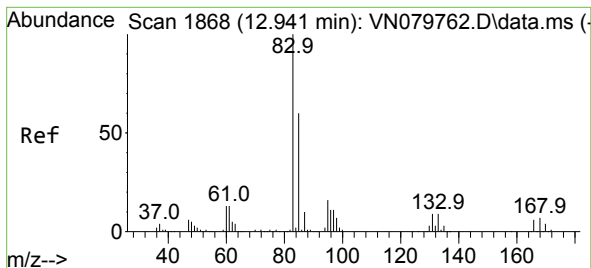
Tgt Ion:105 Resp: 324037
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



#74
N-ethyl acetate
Concen: 18.101 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 43 Resp: 127013
Ion Ratio Lower Upper
43 100
70 44.2 43.4 65.2
55 27.4 21.4 32.0
61 23.3 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.020 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

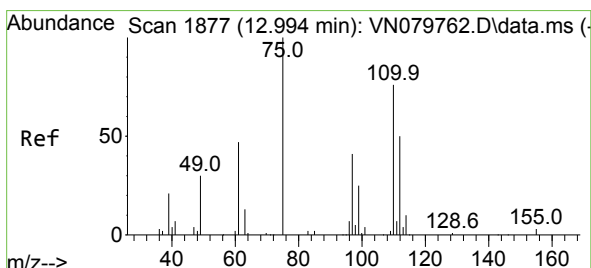
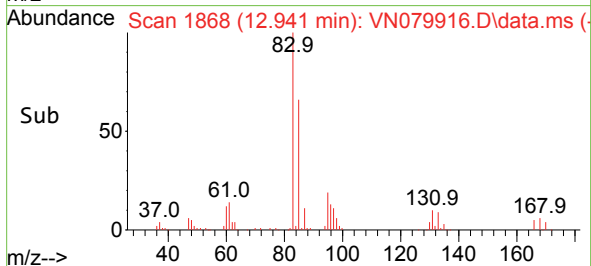
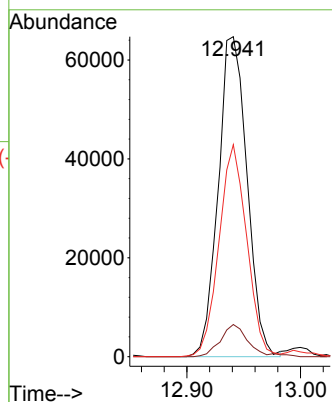
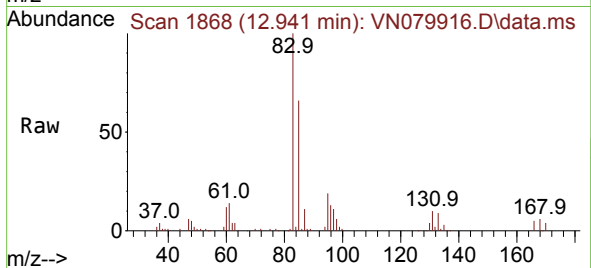
Tgt Ion: 83 Resp: 114115

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

85 63.8 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 28.529 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079916.D

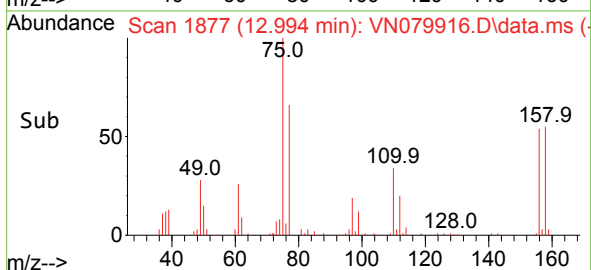
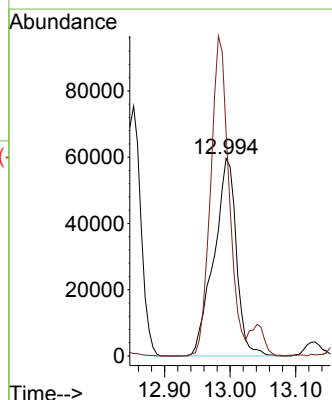
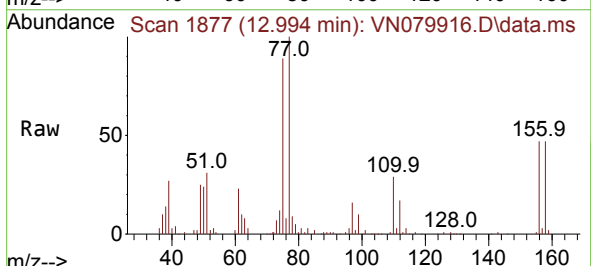
Acq: 06 Nov 2023 12:34

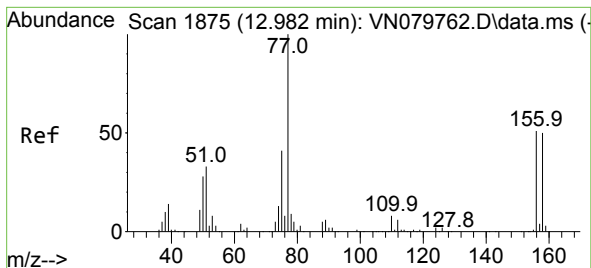
Tgt Ion: 75 Resp: 141876

Ion Ratio Lower Upper

75 100

77 132.3 84.5 253.5





#77

Bromobenzene

Concen: 20.350 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

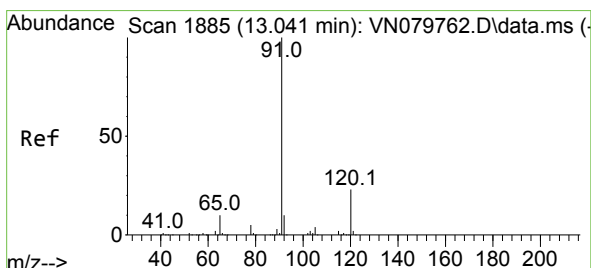
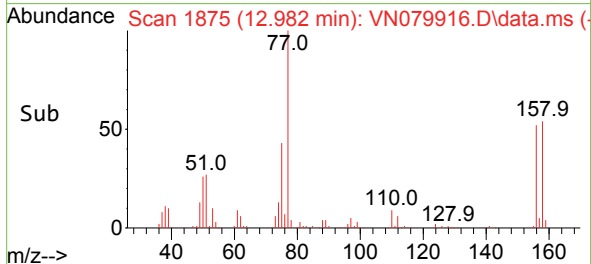
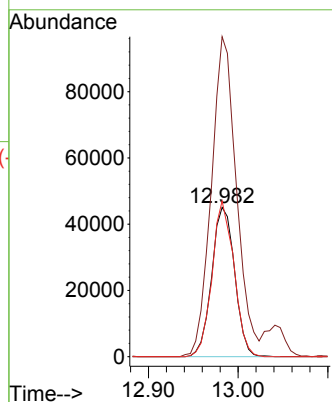
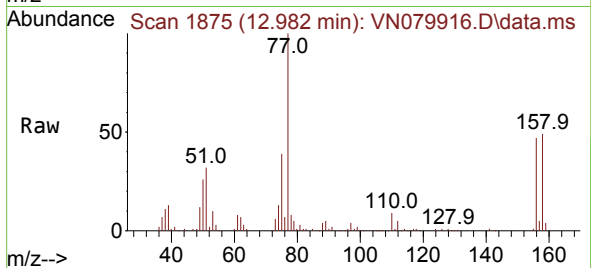
Tgt Ion:156 Resp: 80095

Ion Ratio Lower Upper

156 100

77 234.4 107.7 323.3

158 99.5 48.4 145.3



#78

n-propylbenzene

Concen: 20.772 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079916.D

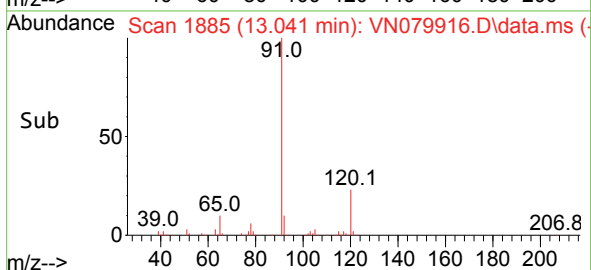
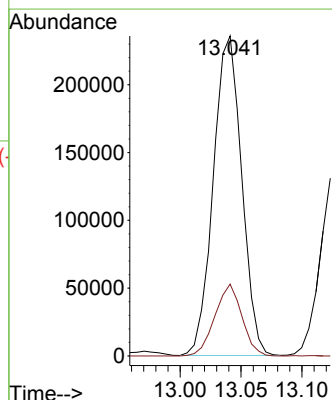
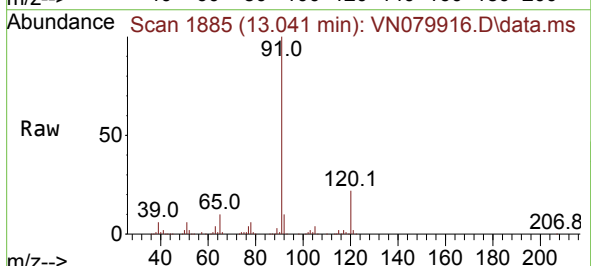
Acq: 06 Nov 2023 12:34

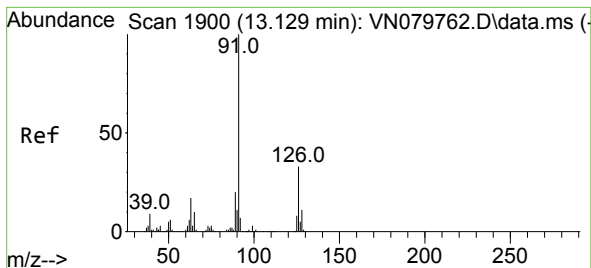
Tgt Ion: 91 Resp: 382407

Ion Ratio Lower Upper

91 100

120 21.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.464 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

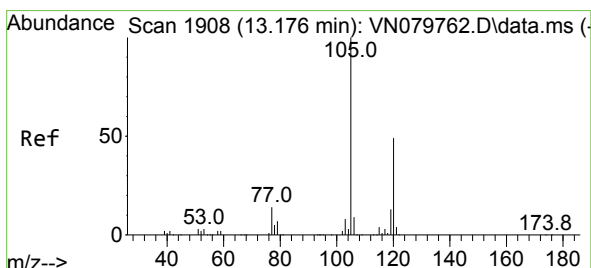
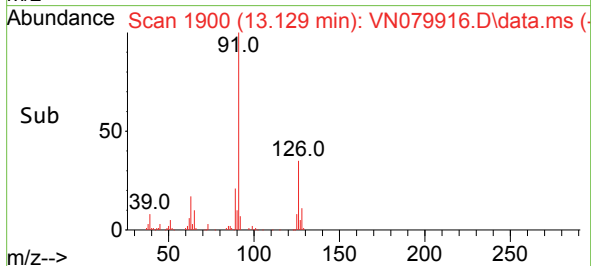
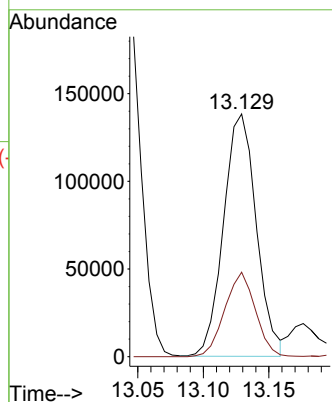
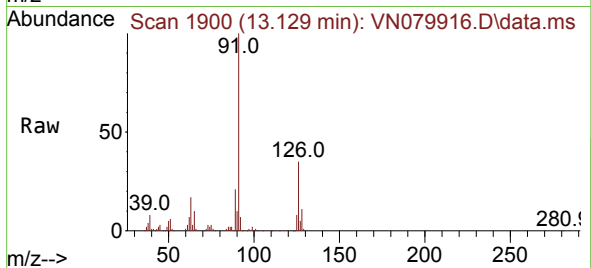
ClientSampleId :

Tgt Ion: 91 Resp: 240667

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 21.205 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079916.D

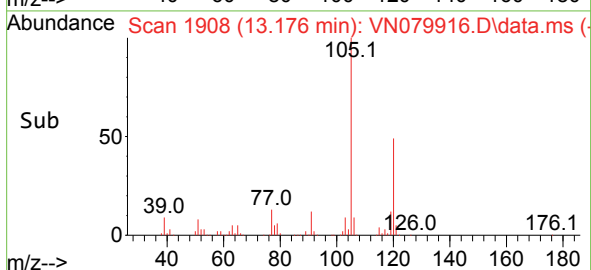
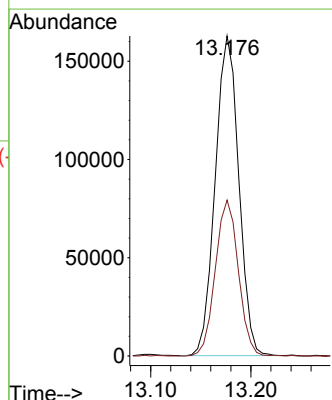
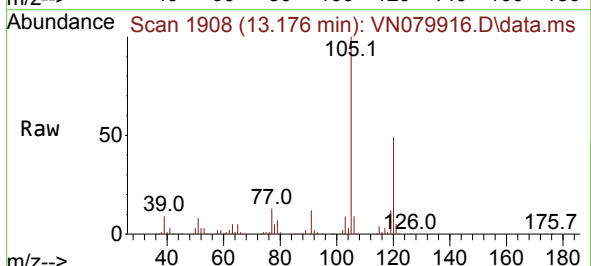
Acq: 06 Nov 2023 12:34

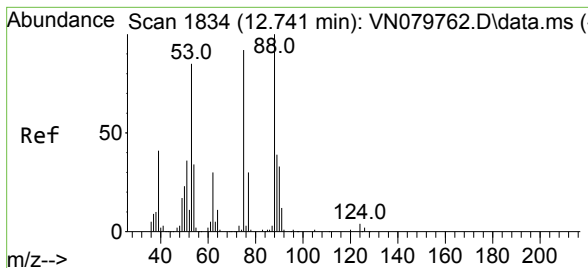
Tgt Ion: 105 Resp: 265228

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3

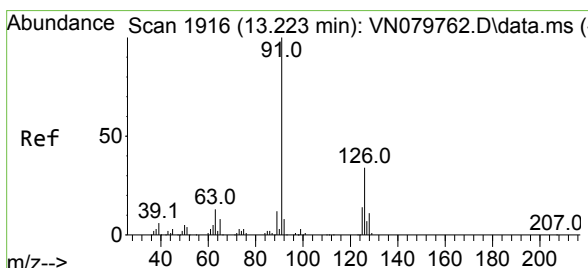
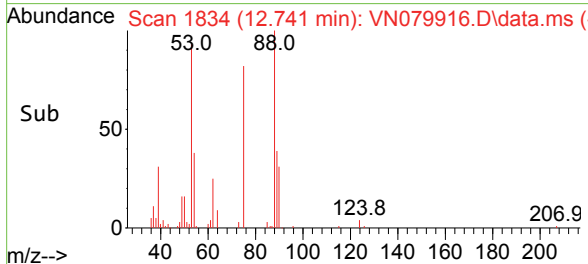
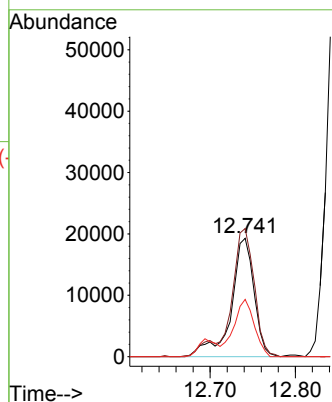
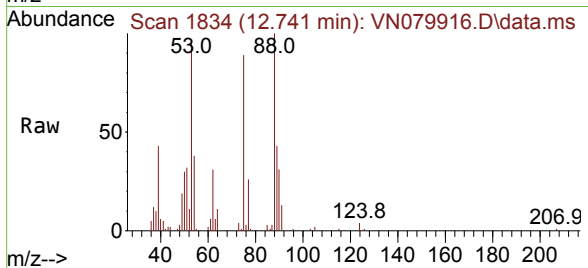




#81
trans-1,4-Dichloro-2-butene
Concen: 19.624 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

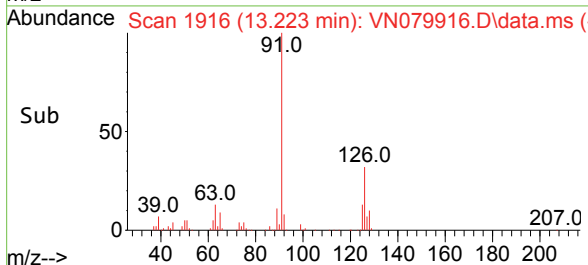
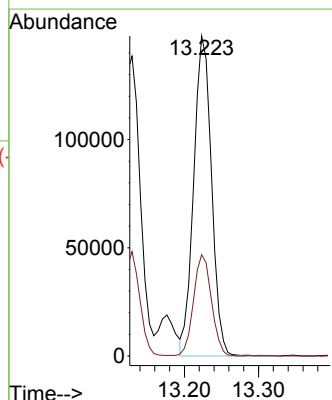
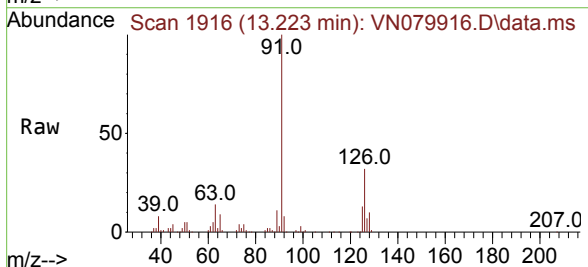
Instrument :
MSVOA_N
ClientSampleId :

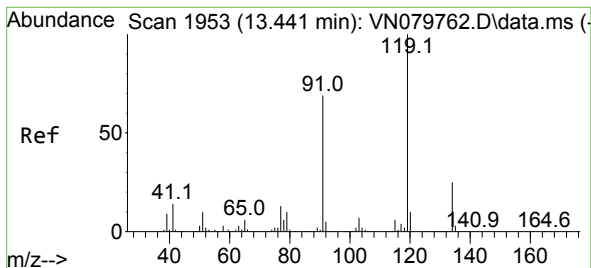
Tgt Ion: 75 Resp: 35868
Ion Ratio Lower Upper
75 100
53 111.2 67.4 101.2#
89 43.4 38.8 58.2



#82
4-Chlorotoluene
Concen: 21.145 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 91 Resp: 247120
Ion Ratio Lower Upper
91 100
126 31.8 16.7 50.0





#83

tert-Butylbenzene

Concen: 20.286 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

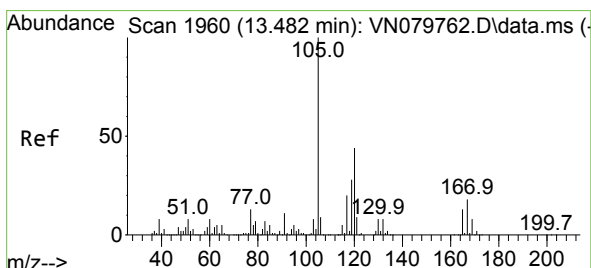
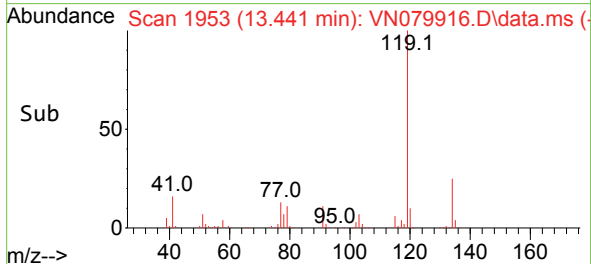
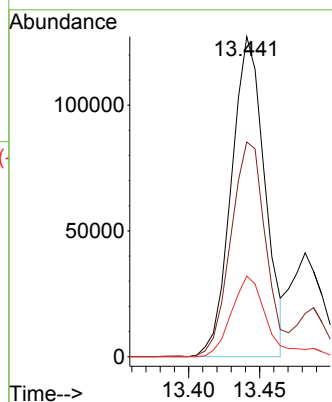
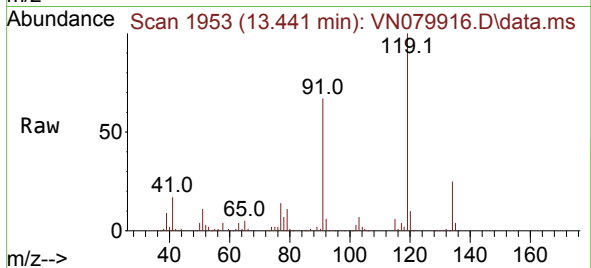
Tgt Ion:119 Resp: 207692

Ion Ratio Lower Upper

119 100

91 70.8 33.9 101.7

134 27.2 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 21.998 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN079916.D

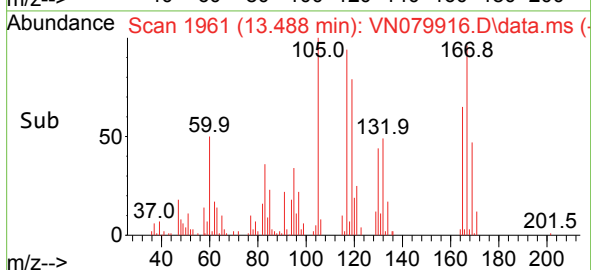
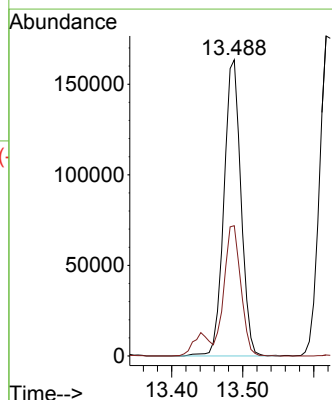
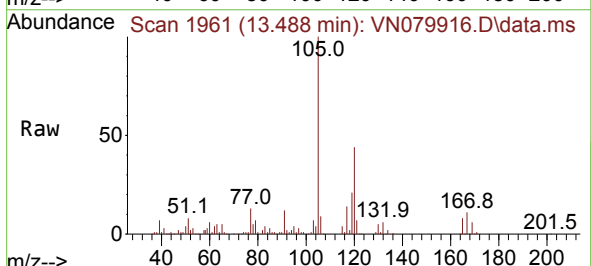
Acq: 06 Nov 2023 12:34

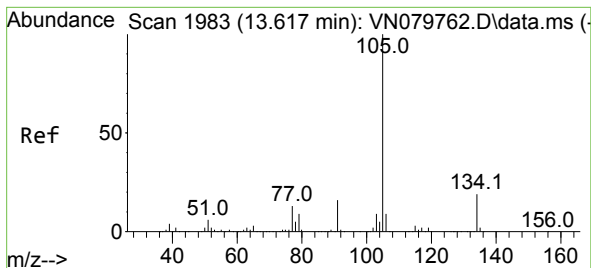
Tgt Ion:105 Resp: 270703

Ion Ratio Lower Upper

105 100

120 43.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 20.323 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

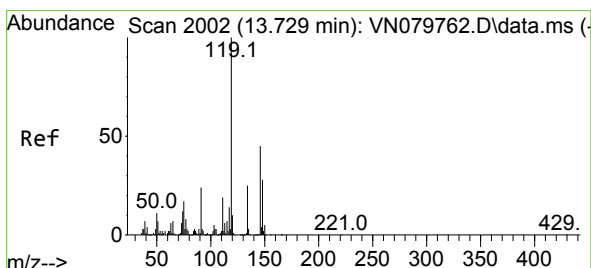
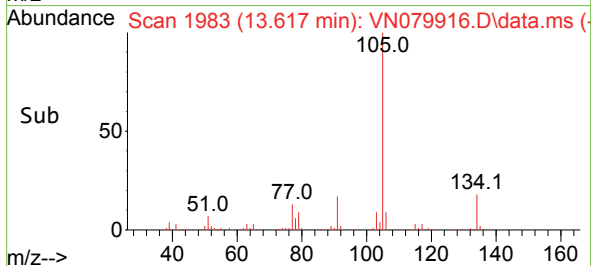
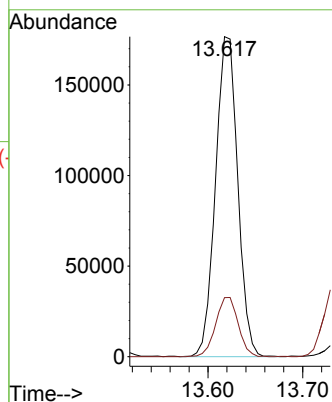
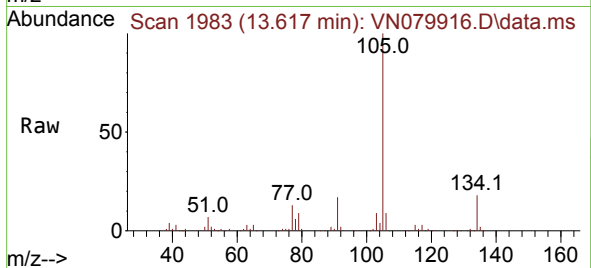
ClientSampleId :

Tgt Ion:105 Resp: 288275

Ion Ratio Lower Upper

105 100

134 18.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 20.182 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

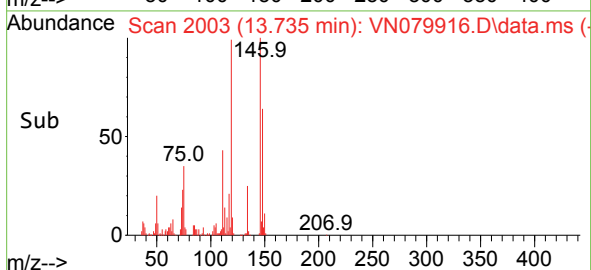
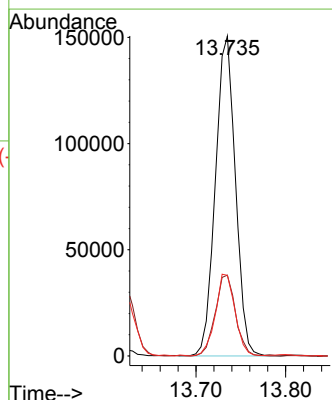
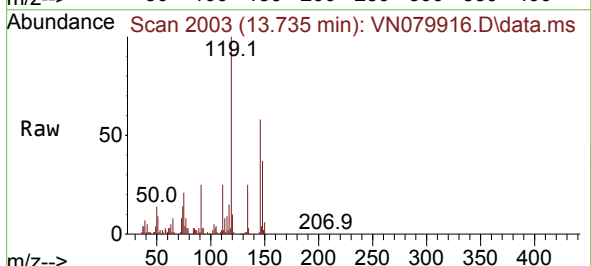
Tgt Ion:119 Resp: 233406

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 25.2 12.4 37.2

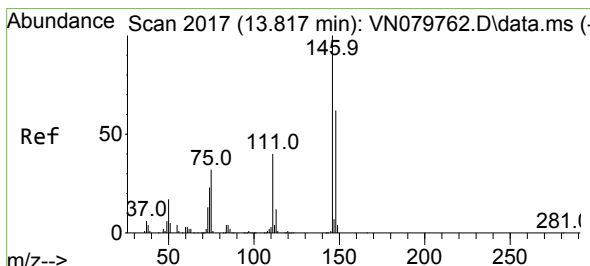
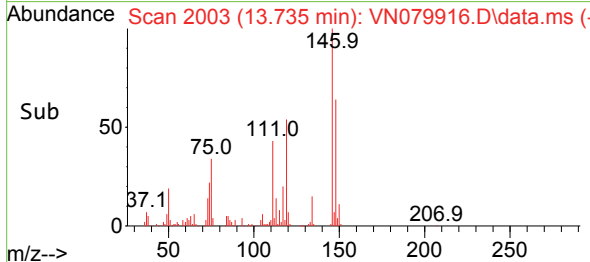
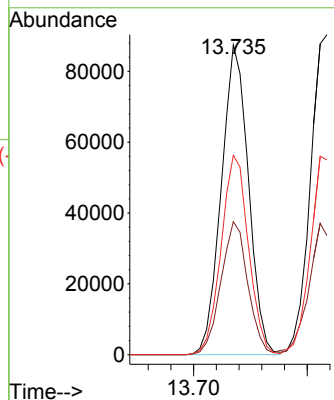
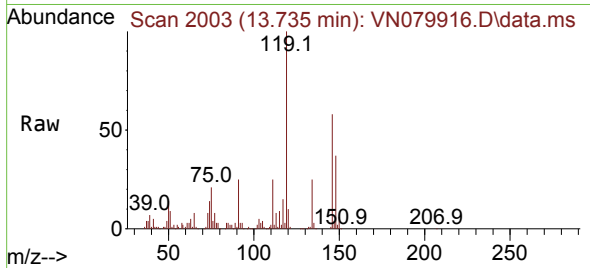




#87
 1,3-Dichlorobenzene
 Concen: 19.830 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079916.D
 Acq: 06 Nov 2023 12:34

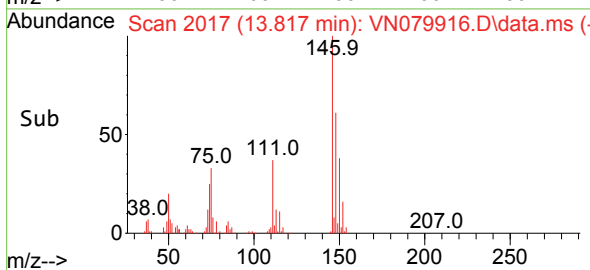
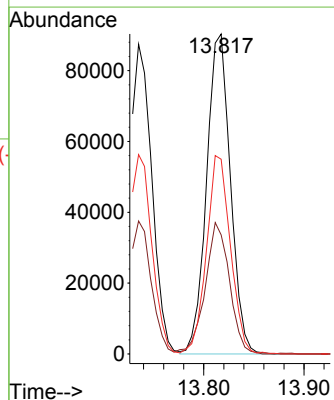
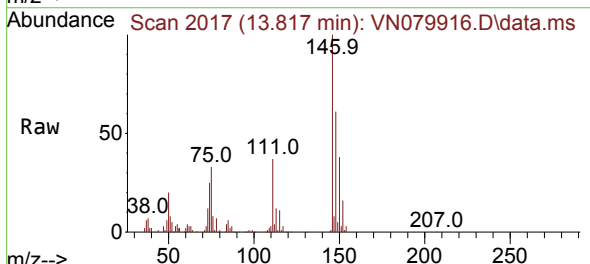
Instrument :
 MSVOA_N
 ClientSampleId :

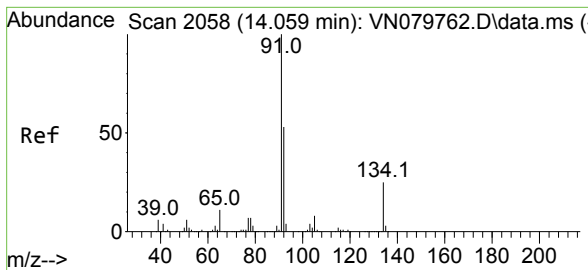
Tgt Ion:146 Resp: 145191
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.1 66.3
 148 64.9 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.133 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN079916.D
 Acq: 06 Nov 2023 12:34

Tgt Ion:146 Resp: 149624
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.8
 148 62.2 31.6 94.8

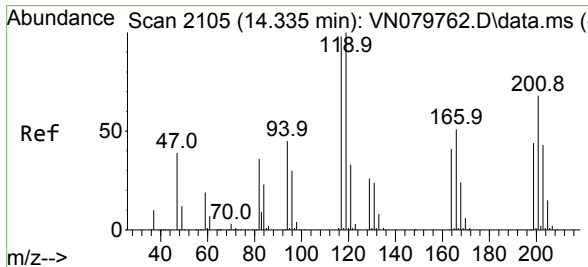
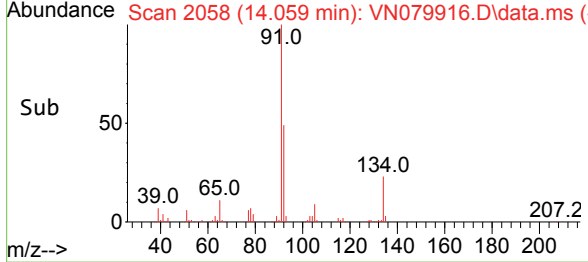
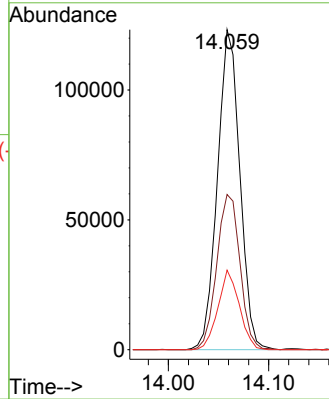
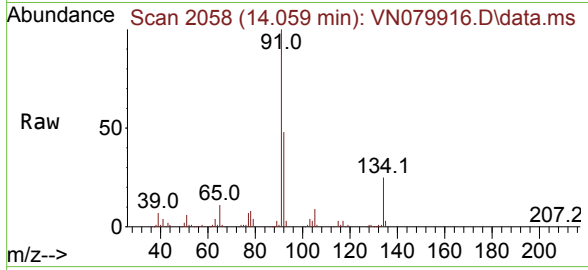




#89
n-Butylbenzene
Concen: 19.191 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

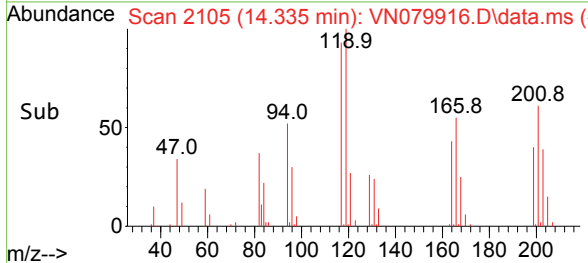
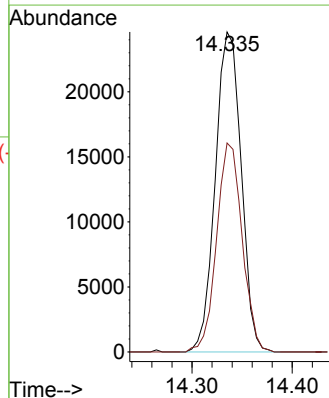
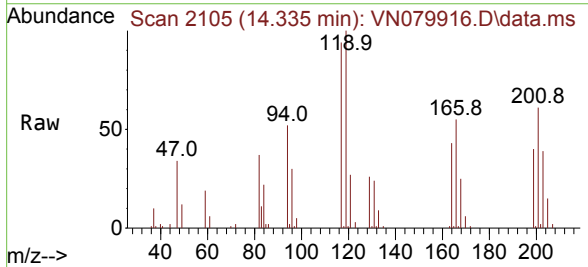
Instrument :
MSVOA_N
ClientSampleId :

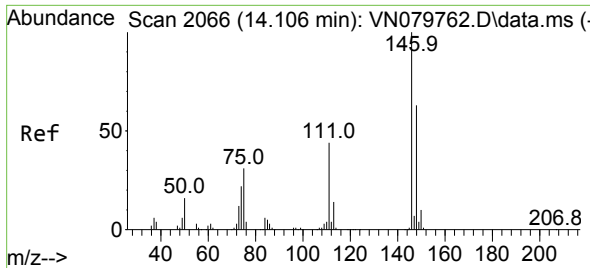
Tgt Ion: 91 Resp: 191157
Ion Ratio Lower Upper
91 100
92 50.3 26.4 79.0
134 23.7 12.6 37.6



#90
Hexachloroethane
Concen: 19.261 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

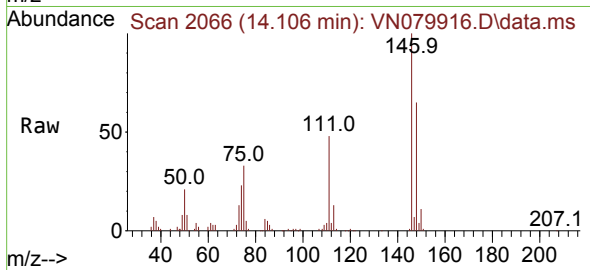
Tgt Ion: 117 Resp: 44114
Ion Ratio Lower Upper
117 100
201 64.5 29.3 88.0



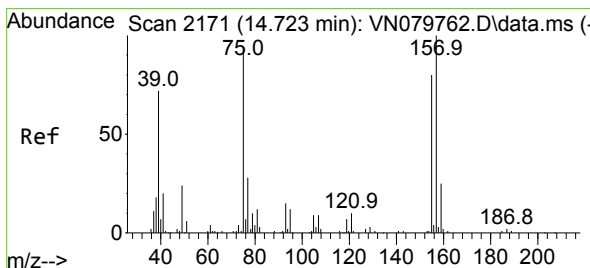
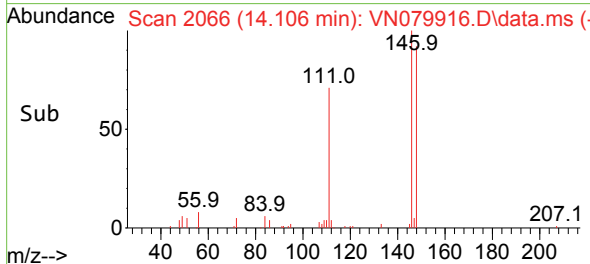
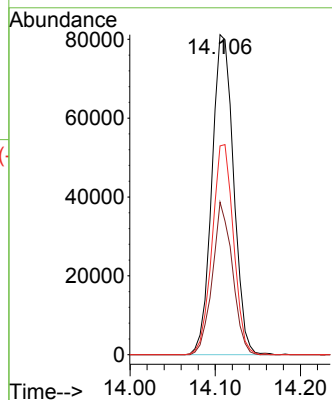


#91
1,2-Dichlorobenzene
Concen: 20.797 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Instrument :
MSVOA_N
ClientSampleId :

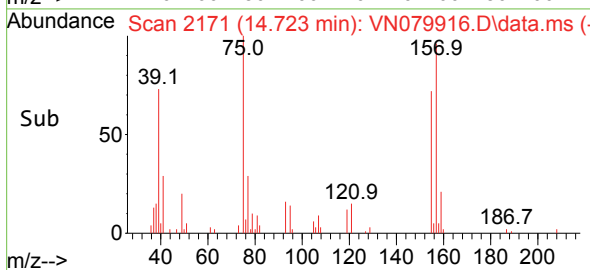
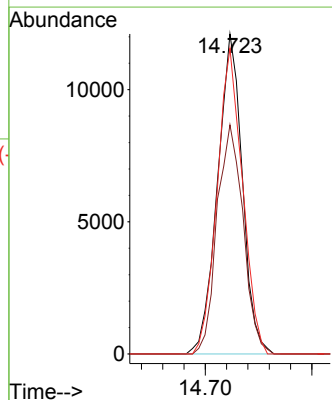
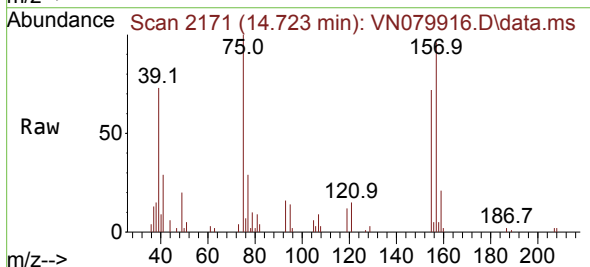


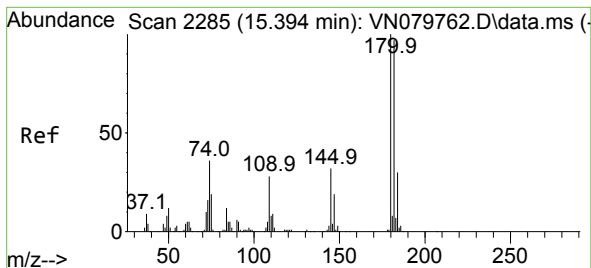
Tgt Ion:146 Resp: 143745
Ion Ratio Lower Upper
146 100
111 43.8 22.0 66.0
148 64.7 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.227 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079916.D
Acq: 06 Nov 2023 12:34

Tgt Ion: 75 Resp: 19552
Ion Ratio Lower Upper
75 100
155 75.3 39.1 117.2
157 97.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 19.145 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

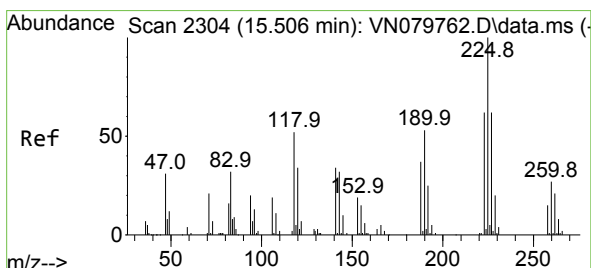
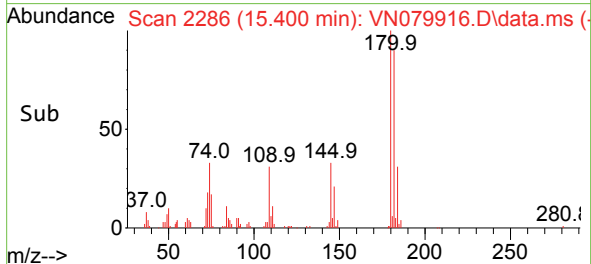
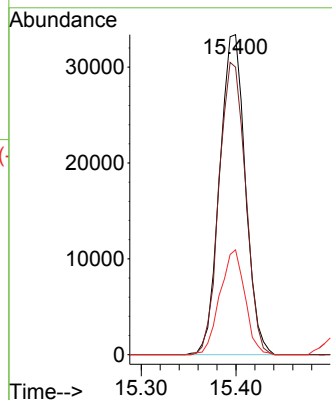
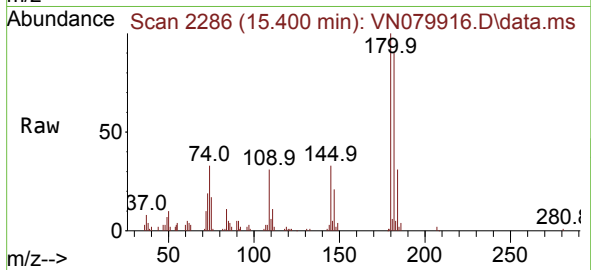
Tgt Ion:180 Resp: 62920

Ion Ratio Lower Upper

180 100

182 93.8 46.1 138.2

145 31.9 16.6 49.8



#94

Hexachlorobutadiene

Concen: 19.118 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

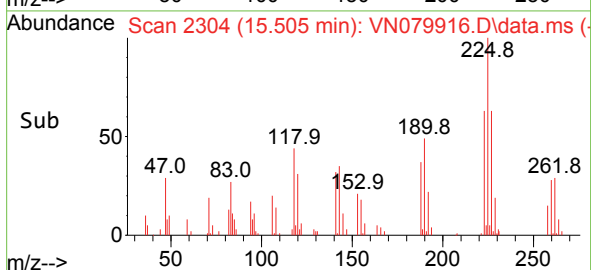
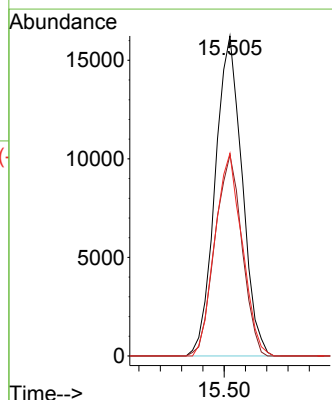
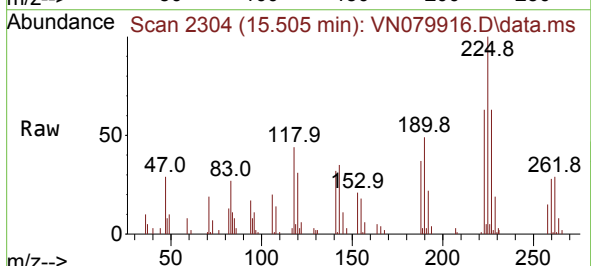
Tgt Ion:225 Resp: 28483

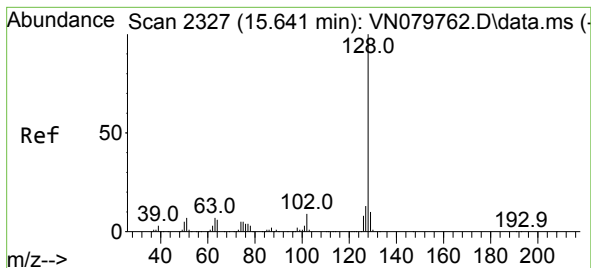
Ion Ratio Lower Upper

225 100

223 63.2 31.3 93.8

227 64.4 31.9 95.9





#95

Naphthalene

Concen: 16.808 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Instrument :

MSVOA_N

ClientSampleId :

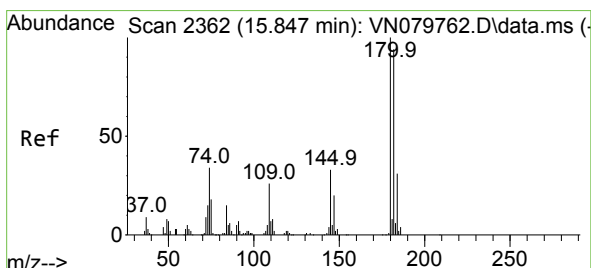
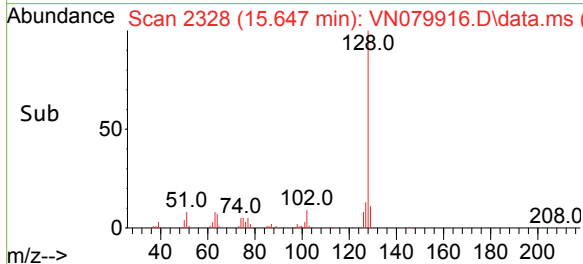
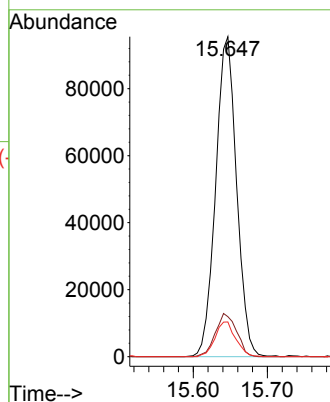
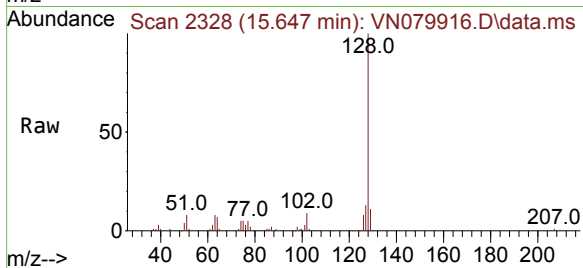
Tgt Ion:128 Resp: 187329

Ion Ratio Lower Upper

128 100

127 13.7 10.0 15.0

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.397 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN079916.D

Acq: 06 Nov 2023 12:34

Tgt Ion:180 Resp: 62489

Ion Ratio Lower Upper

180 100

182 92.9 46.2 138.6

145 33.3 17.5 52.6

