

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079771.D
 Acq On : 01 Nov 2023 14:57
 Operator : JC\MD
 Sample : VN1101WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 02 05:54:25 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	8.230	168	333662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	577122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	517567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	237895	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	248663	48.916	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.840%
35) Dibromofluoromethane	8.171	113	198108	48.501	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.000%
50) Toluene-d8	10.571	98	744741	49.527	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.853	95	243461	48.819	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.640%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	76469	19.027	ug/l	98
3) Chloromethane	2.359	50	88525	16.839	ug/l	97
4) Vinyl Chloride	2.512	62	95475	18.148	ug/l	98
5) Bromomethane	2.954	94	61730	19.312	ug/l	96
6) Chloroethane	3.112	64	79763	19.188	ug/l	94
7) Trichlorofluoromethane	3.495	101	121497	18.568	ug/l	99
8) Diethyl Ether	3.959	74	45920	18.493	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.371	101	70097	18.480	ug/l	98
10) Methyl Iodide	4.589	142	77668	17.930	ug/l	96
11) Tert butyl alcohol	5.530	59	57978	89.345	ug/l	99
12) 1,1-Dichloroethene	4.336	96	66078	18.398	ug/l	88
13) Acrolein	4.183	56	51596	90.852	ug/l	96
14) Allyl chloride	5.018	41	99163	18.027	ug/l	90
15) Acrylonitrile	5.718	53	184834	91.399	ug/l	100
16) Acetone	4.424	43	156922	87.881	ug/l	95
17) Carbon Disulfide	4.712	76	179555	17.332	ug/l	97
18) Methyl Acetate	5.024	43	151434	17.726	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	228340	18.467	ug/l #	91
20) Methylene Chloride	5.283	84	78473	17.417	ug/l #	85
21) trans-1,2-Dichloroethene	5.789	96	72931	18.207	ug/l #	81
22) Diisopropyl ether	6.677	45	249145	19.544	ug/l #	89
23) Vinyl Acetate	6.606	43	667894	94.984	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	144789	18.687	ug/l	97
25) 2-Butanone	7.489	43	245763	93.990	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	118657	18.517	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	87715	18.307	ug/l	89
28) Bromochloromethane	7.818	49	78244	20.722	ug/l #	78
29) Tetrahydrofuran	7.841	42	163075	95.859	ug/l #	76
30) Chloroform	7.971	83	147264	17.497	ug/l	97
31) Cyclohexane	8.259	56	123591	18.399	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	126980	18.517	ug/l #	93
36) 1,1-Dichloropropene	8.371	75	110841	19.005	ug/l	94
37) Ethyl Acetate	7.565	43	104282	19.496	ug/l #	90
38) Carbon Tetrachloride	8.365	117	109803	18.681	ug/l	95
39) Methylcyclohexane	9.606	83	103234	18.809	ug/l	88
40) Benzene	8.612	78	327645	18.757	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	53653	18.890	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	114436	18.755	ug/l	99
43) Isopropyl Acetate	8.694	43	170374	18.163	ug/l #	92
44) Trichloroethene	9.359	130	79715	18.390	ug/l	91
45) 1,2-Dichloropropane	9.624	63	84018	18.821	ug/l	99
46) Dibromomethane	9.712	93	55256	18.128	ug/l	91
47) Bromodichloromethane	9.888	83	115058	17.699	ug/l	96
48) Methyl methacrylate	9.682	41	77623	18.893	ug/l #	83
49) 1,4-Dioxane	9.694	88	28150	387.745	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	516221	97.751	ug/l	90
52) Toluene	10.635	92	200461	19.357	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	118332	18.568	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	133481	19.216	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	77905	18.703	ug/l	92
56) Ethyl methacrylate	10.877	69	112351	18.910	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	138249	18.830	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	315622	104.812	ug/l	90
59) 2-Hexanone	11.200	43	383941	95.037	ug/l	89
60) Dibromochloromethane	11.365	129	83404	18.706	ug/l	98
61) 1,2-Dibromoethane	11.471	107	78843	18.859	ug/l	97
64) Tetrachloroethene	11.106	164	61489	18.344	ug/l	95
65) Chlorobenzene	11.894	112	211140	18.806	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	75534	18.673	ug/l	97
67) Ethyl Benzene	11.965	91	369038	18.867	ug/l	99
68) m/p-Xylenes	12.071	106	280404	38.482	ug/l	96
69) o-Xylene	12.400	106	135577	19.322	ug/l	95
70) Styrene	12.412	104	218925	19.415	ug/l	97
71) Bromoform	12.582	173	53303	18.558	ug/l #	96
73) Isopropylbenzene	12.700	105	338973	18.775	ug/l	100
74) N-amyl acetate	12.494	43	140362	17.811	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	115705	18.075	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	138253	24.754	ug/l	70
77) Bromobenzene	12.982	156	80497	18.211	ug/l	97
78) n-propylbenzene	13.041	91	404852	19.581	ug/l	96
79) 2-Chlorotoluene	13.129	91	245602	18.595	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	275831	19.636	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	37932	18.479	ug/l	92
82) 4-Chlorotoluene	13.223	91	241918	18.432	ug/l	100
83) tert-Butylbenzene	13.441	119	224779	19.549	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	273768	19.809	ug/l	100
85) sec-Butylbenzene	13.618	105	310445	19.487	ug/l	100
86) p-Isopropyltoluene	13.729	119	255595	19.679	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	151091	18.374	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	149595	17.923	ug/l	99
89) n-Butylbenzene	14.059	91	215395	19.255	ug/l	97
90) Hexachloroethane	14.335	117	47581	18.498	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	144529	18.619	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19585	18.041	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	64758	17.545	ug/l	97
94) Hexachlorobutadiene	15.506	225	29613	17.698	ug/l	97
95) Naphthalene	15.647	128	209040	16.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	66234	18.307	ug/l	97

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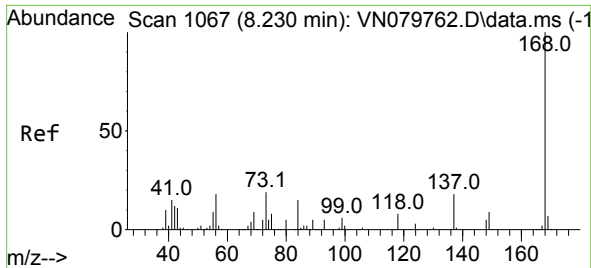
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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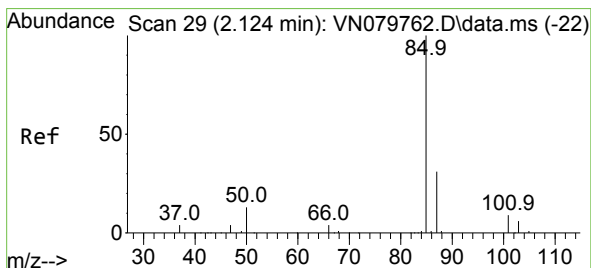
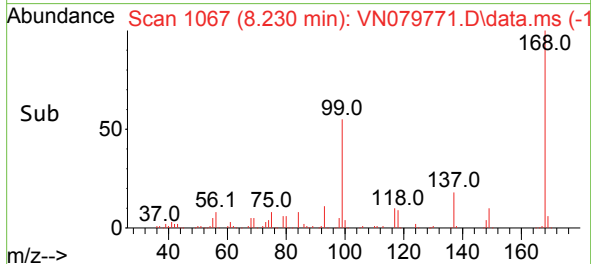
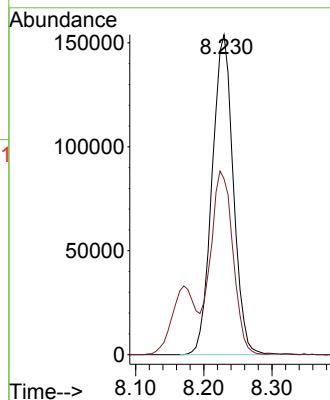
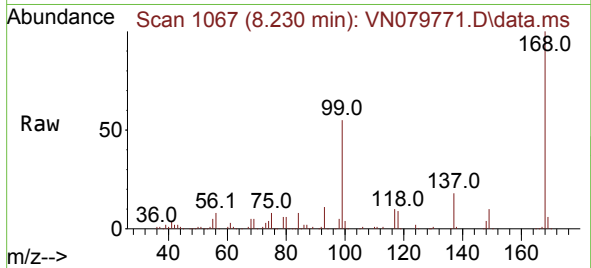




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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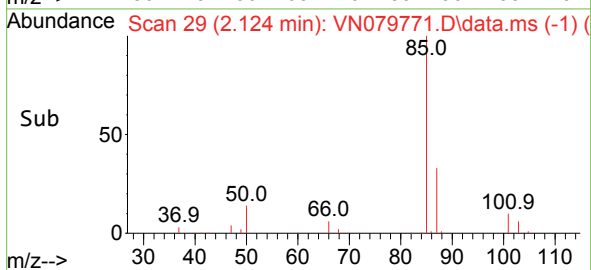
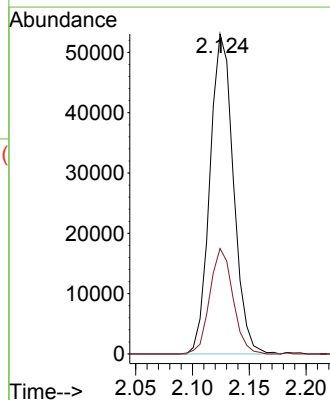
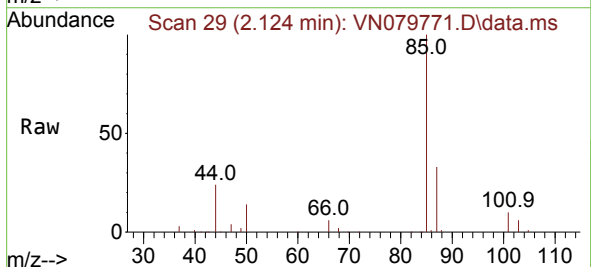
Instrument :
MSVOA_N
ClientSampleId :

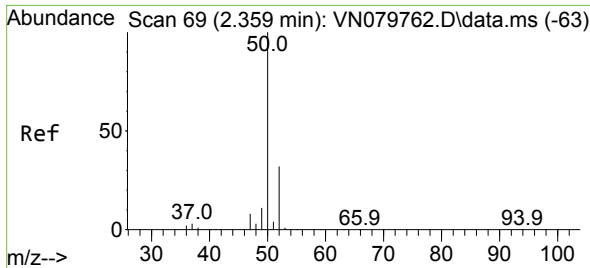
Tgt Ion:168 Resp: 333662
Ion Ratio Lower Upper
168 100
99 54.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 19.027 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 85 Resp: 76469
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4

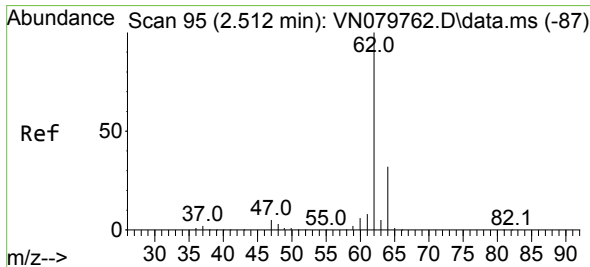
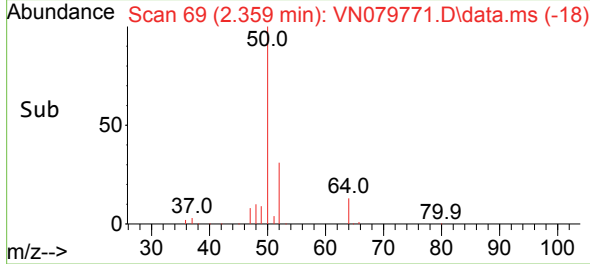
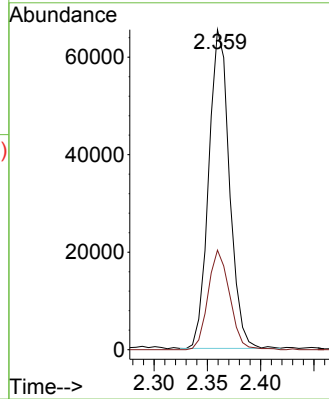
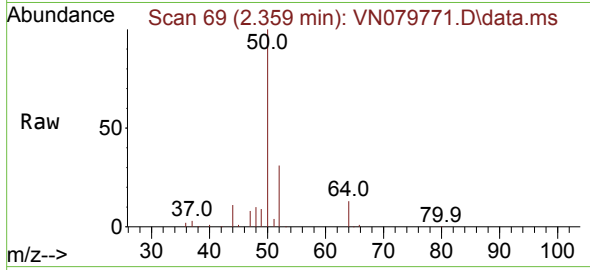




#3
Chloromethane
Concen: 16.839 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

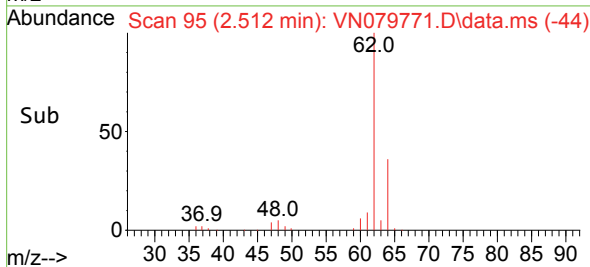
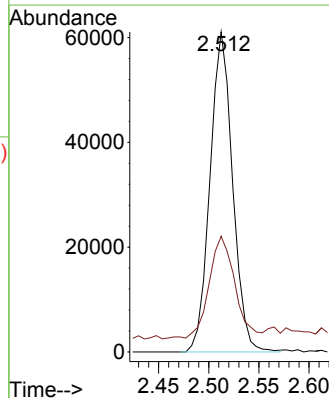
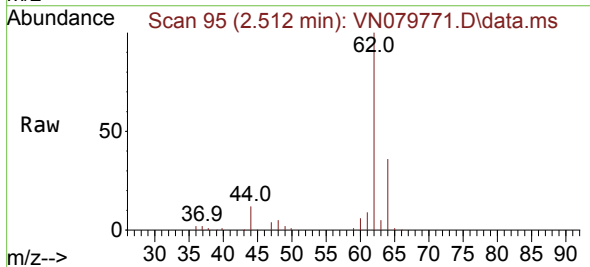
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 50 Resp: 88525
Ion Ratio Lower Upper
50 100
52 31.3 26.5 39.7



#4
Vinyl Chloride
Concen: 18.148 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 62 Resp: 95475
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2

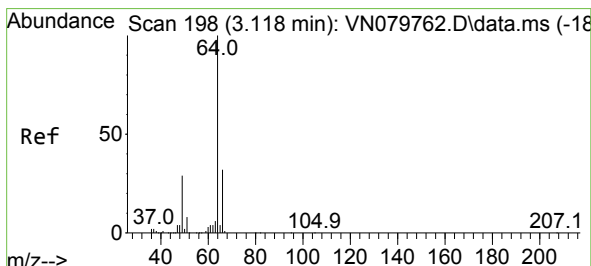
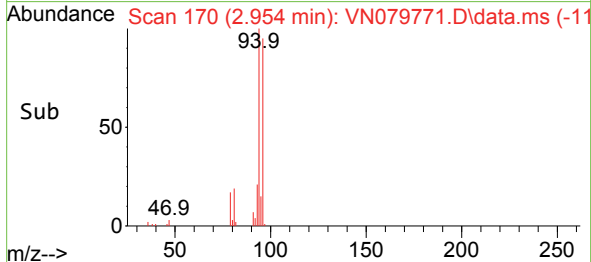
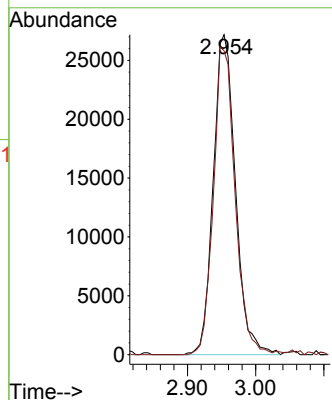
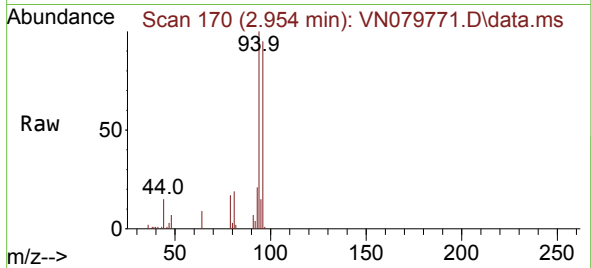




#5
Bromomethane
Concen: 19.312 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

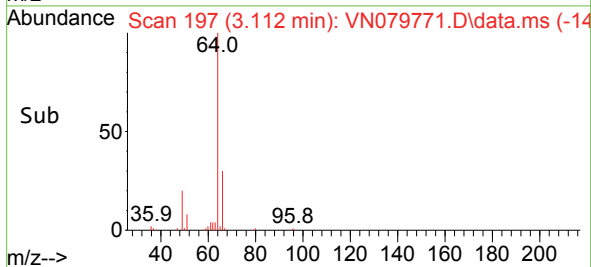
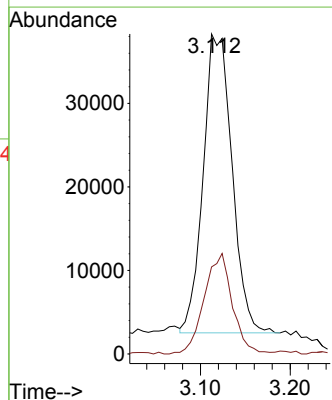
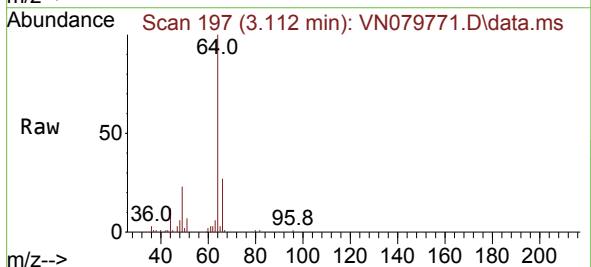
Instrument :
MSVOA_N
ClientSampleId :

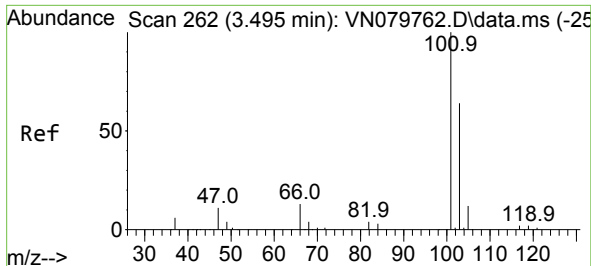
Tgt Ion: 94 Resp: 61730
Ion Ratio Lower Upper
94 100
96 95.0 73.1 109.7



#6
Chloroethane
Concen: 19.188 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079771.D
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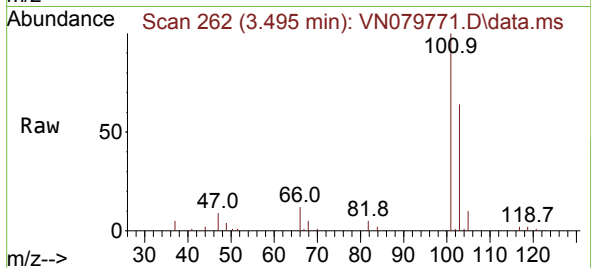
Tgt Ion: 64 Resp: 79763
Ion Ratio Lower Upper
64 100
66 28.6 25.4 38.2



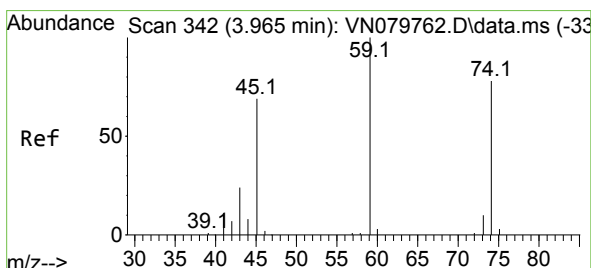
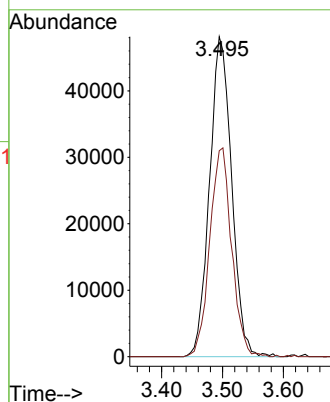
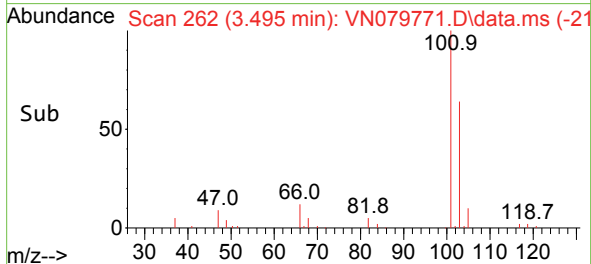


#7
 Trichlorofluoromethane
 Concen: 18.568 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079771.D
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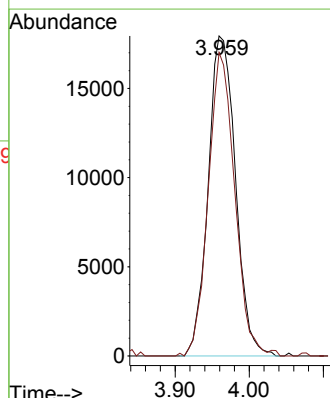
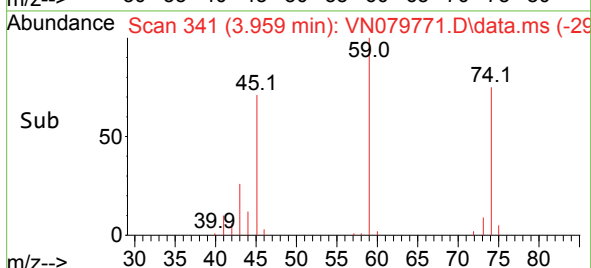
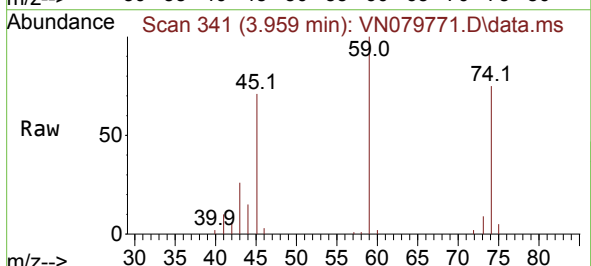


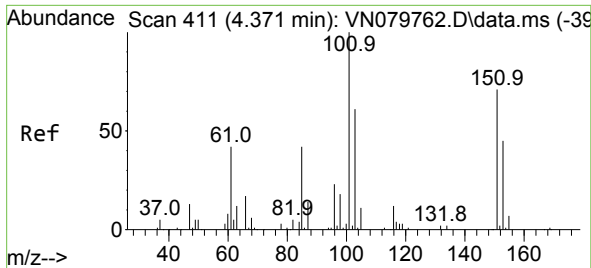
Tgt Ion:101 Resp: 121497
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.493 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079771.D
 Acq: 01 Nov 2023 14:57

Tgt Ion: 74 Resp: 45920
 Ion Ratio Lower Upper
 74 100
 45 92.0 34.4 103.3

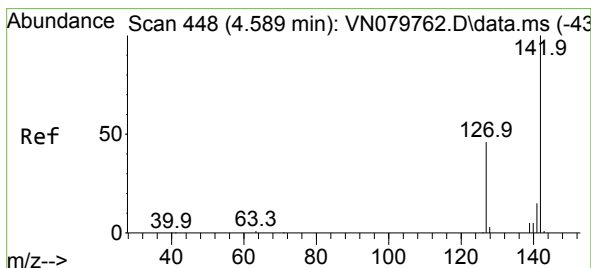
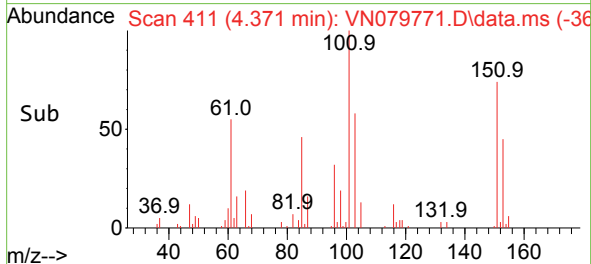
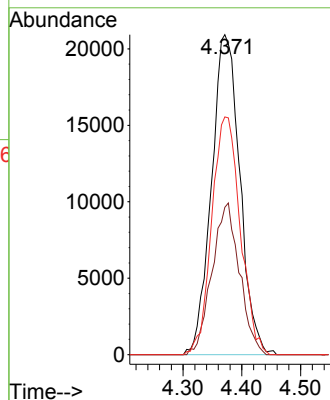
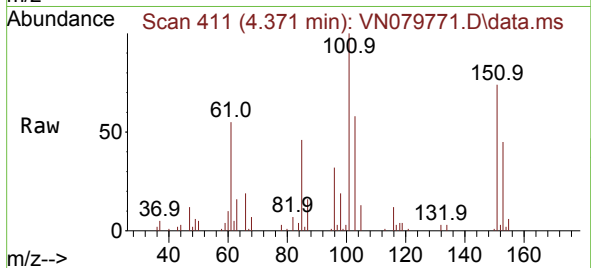




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.480 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079771.D
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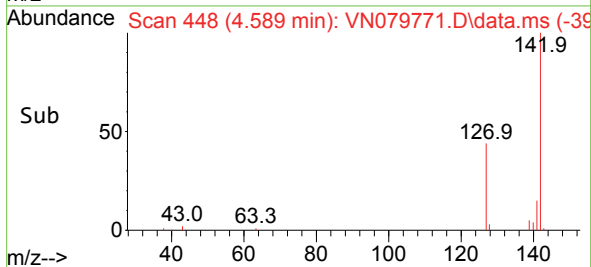
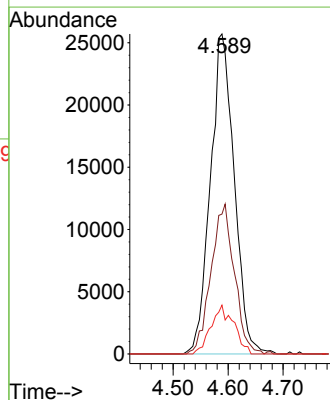
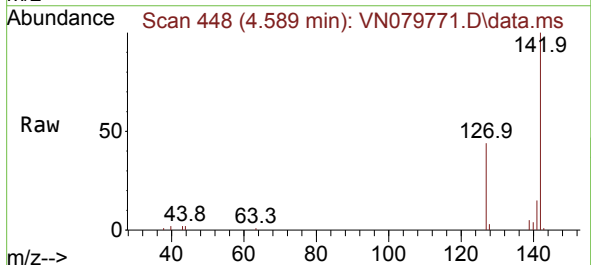
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 70097
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 74.8 57.6 86.4



#10
Methyl Iodide
Concen: 17.930 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion:142 Resp: 77668
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 15.2 11.4 17.0

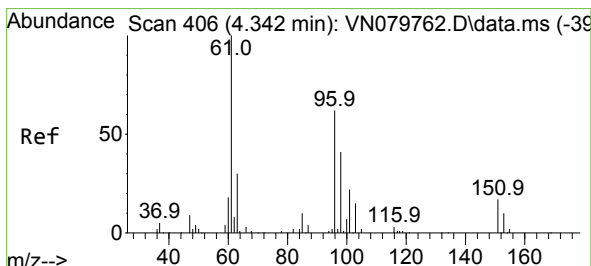
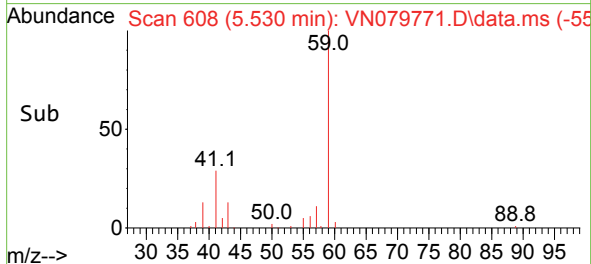
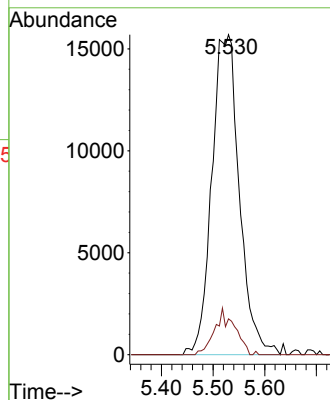
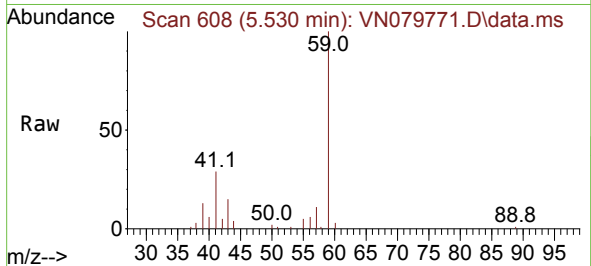




#11
Tert butyl alcohol
Concen: 89.345 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

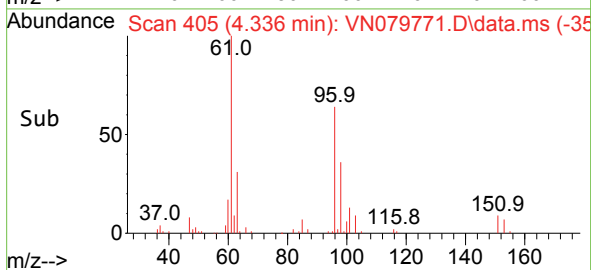
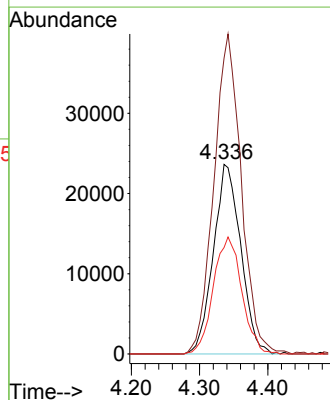
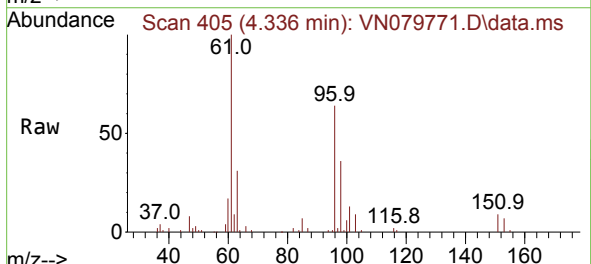
Instrument :
MSVOA_N
ClientSampleId :

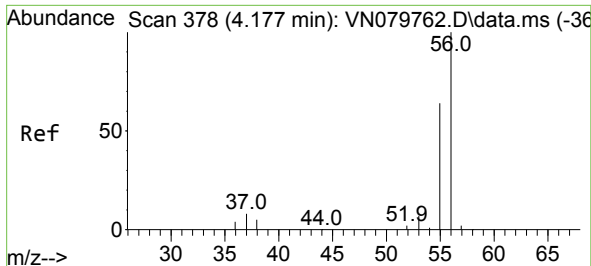
Tgt Ion: 59 Resp: 57978
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.398 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 96 Resp: 66078
Ion Ratio Lower Upper
96 100
61 155.9 112.7 169.1
98 56.1 51.2 76.8





#13

Acrolein

Concen: 90.852 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

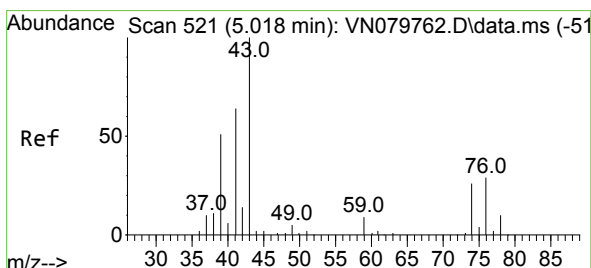
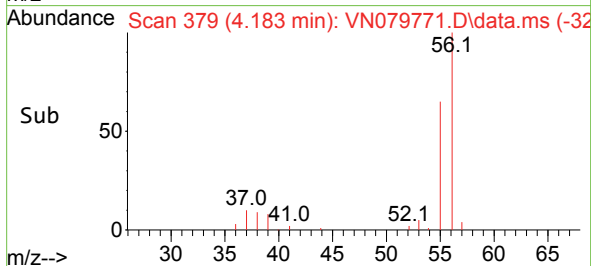
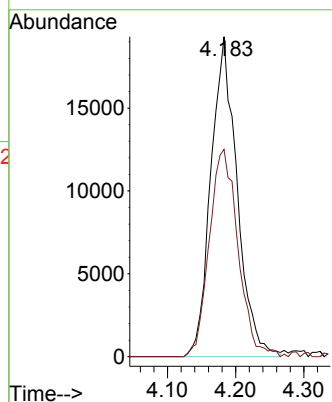
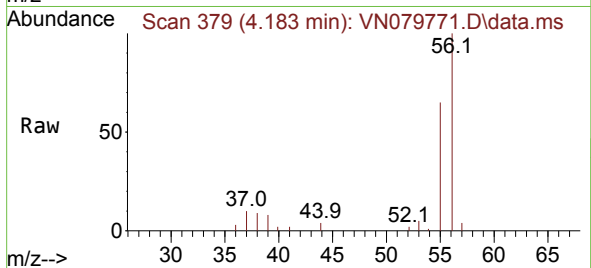
ClientSampleId :

Tgt Ion: 56 Resp: 51596

Ion Ratio Lower Upper

56 100

55 71.0 54.5 81.7



#14

Allyl chloride

Concen: 18.027 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

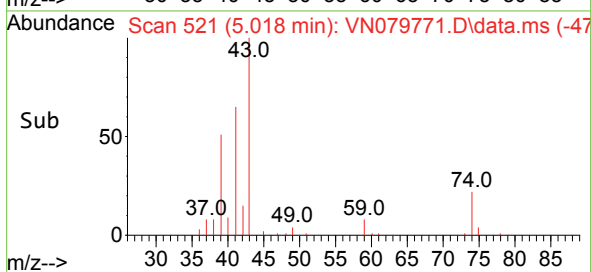
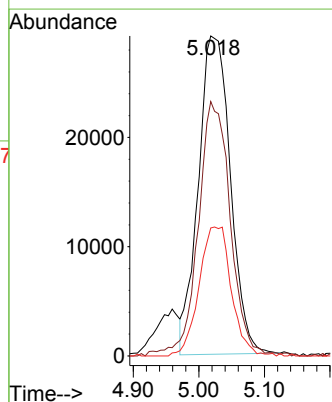
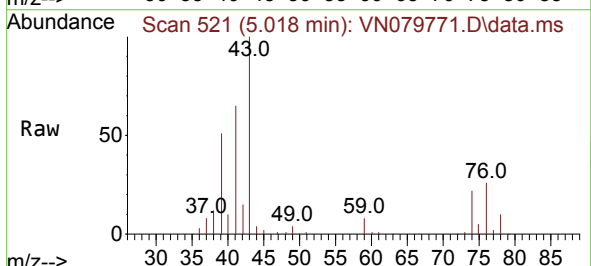
Tgt Ion: 41 Resp: 99163

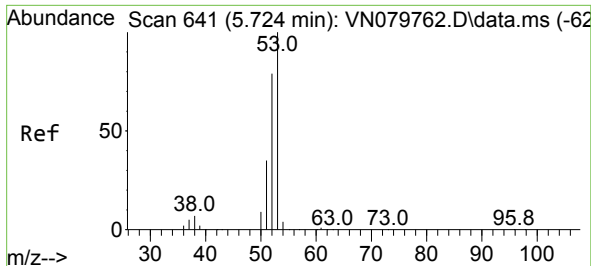
Ion Ratio Lower Upper

41 100

39 80.2 58.8 88.2

76 40.7 39.1 58.7

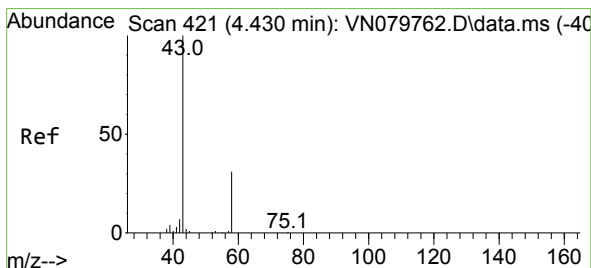
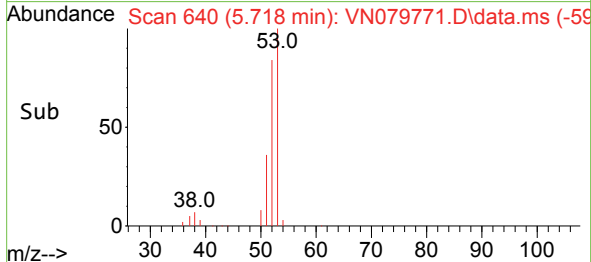
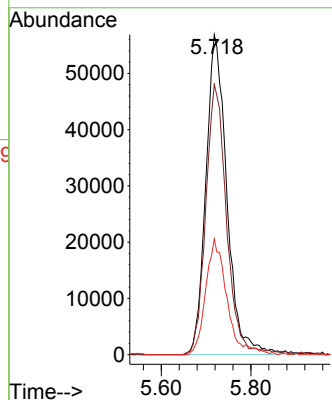
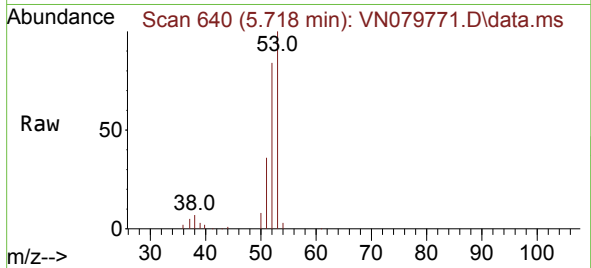




#15
Acrylonitrile
Concen: 91.399 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

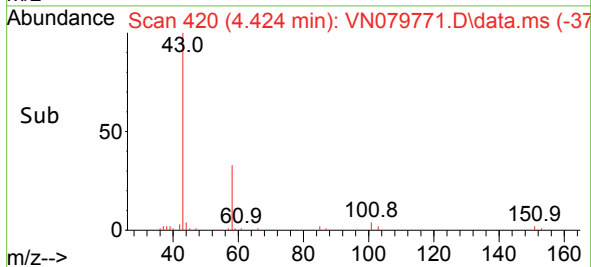
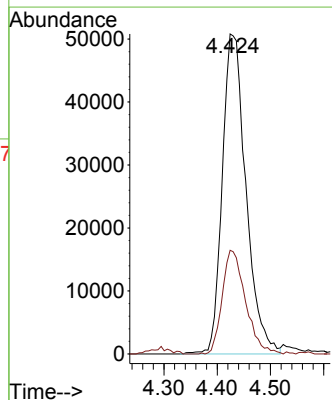
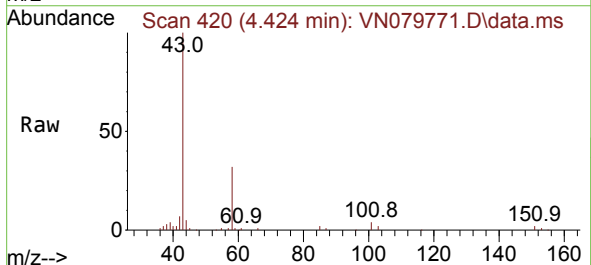
Instrument :
MSVOA_N
ClientSampleId :

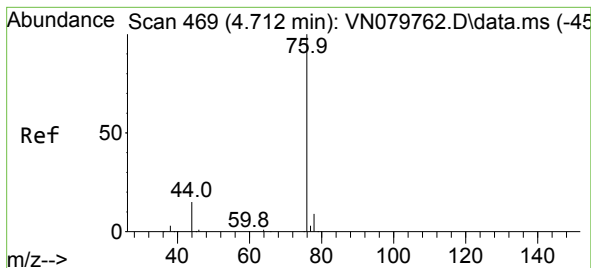
Tgt Ion: 53 Resp: 184834
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 36.5 28.9 43.3



#16
Acetone
Concen: 87.881 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 43 Resp: 156922
Ion Ratio Lower Upper
43 100
58 32.0 28.0 42.0





#17

Carbon Disulfide

Concen: 17.332 ug/l

RT: 4.712 min Scan# 4

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

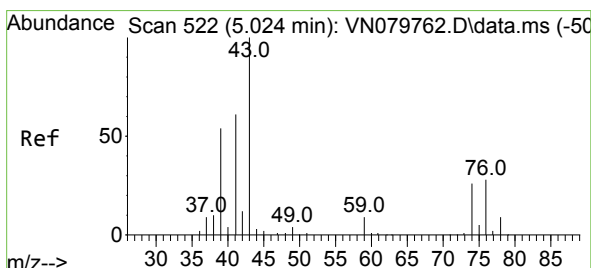
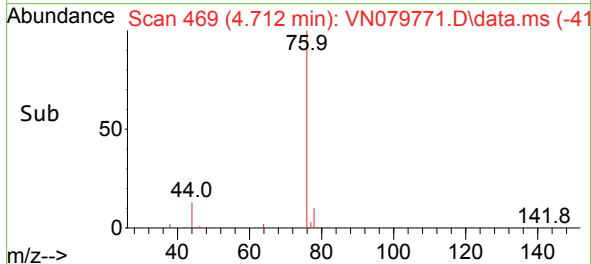
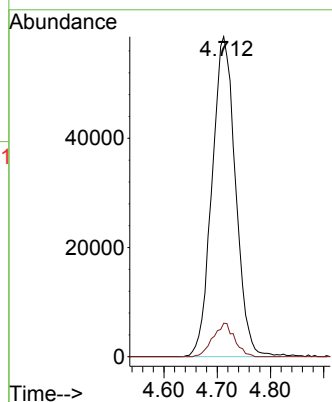
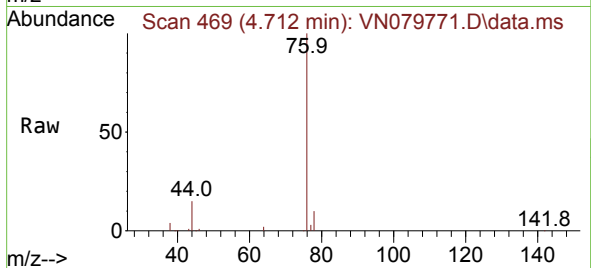
ClientSampleId :

Tgt Ion: 76 Resp: 179555

Ion Ratio Lower Upper

76 100

78 10.4 7.4 11.0



#18

Methyl Acetate

Concen: 17.726 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079771.D

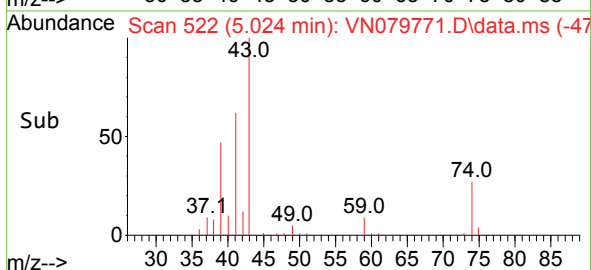
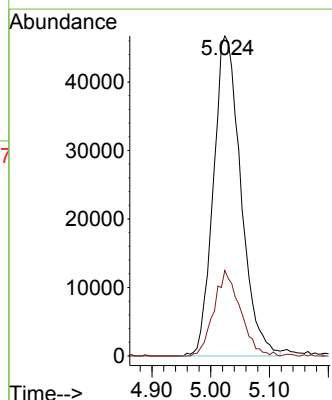
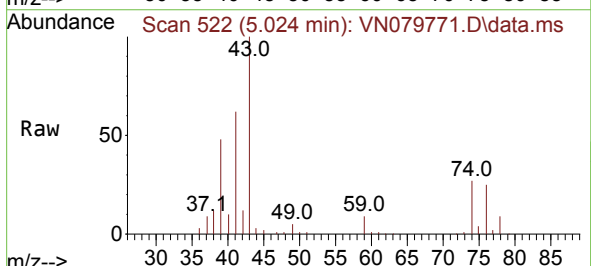
Acq: 01 Nov 2023 14:57

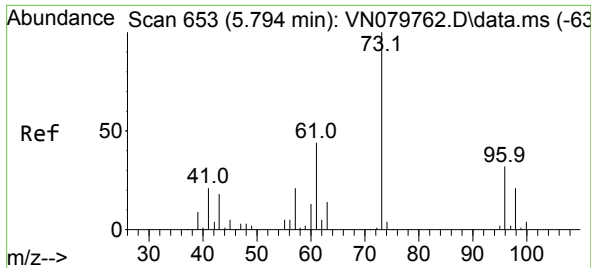
Tgt Ion: 43 Resp: 151434

Ion Ratio Lower Upper

43 100

74 25.8 26.2 39.4#

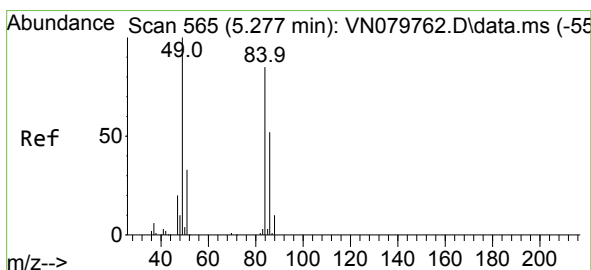
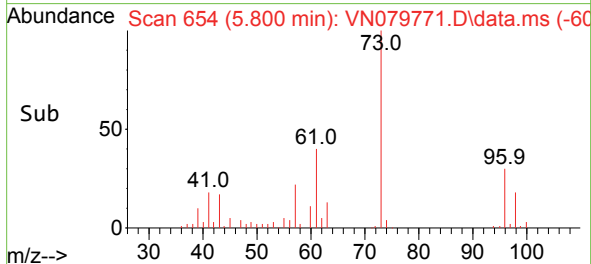
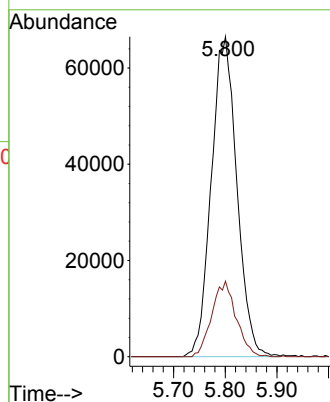
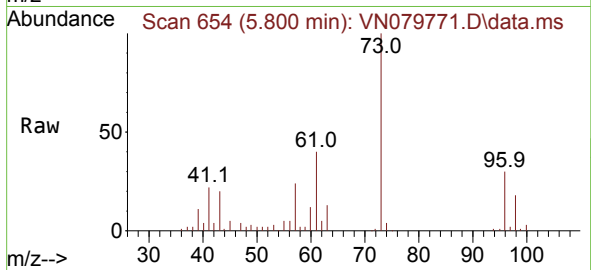




#19
Methyl tert-butyl Ether
Concen: 18.467 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

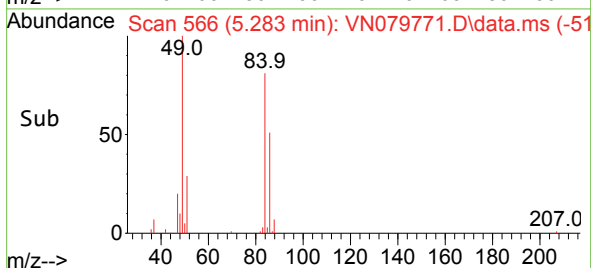
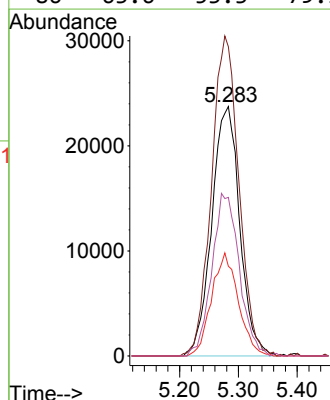
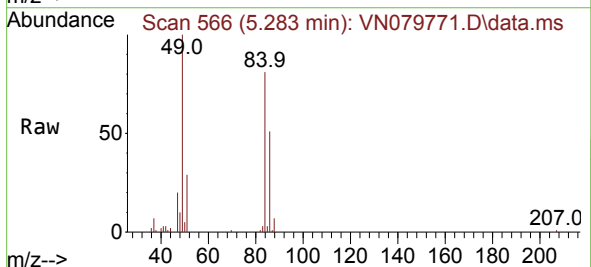
Instrument :
MSVOA_N
ClientSampleId :

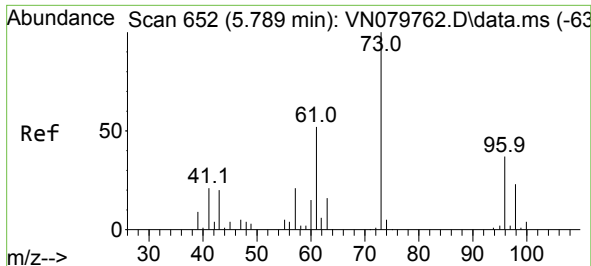
Tgt Ion: 73 Resp: 228340
Ion Ratio Lower Upper
73 100
57 23.6 15.6 23.4#



#20
Methylene Chloride
Concen: 17.417 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 84 Resp: 78473
Ion Ratio Lower Upper
84 100
49 124.0 79.7 119.5#
51 36.0 25.2 37.8
86 63.6 53.3 79.9

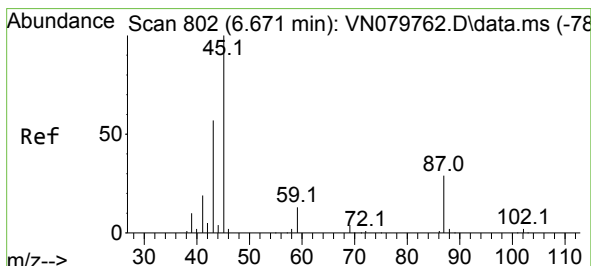
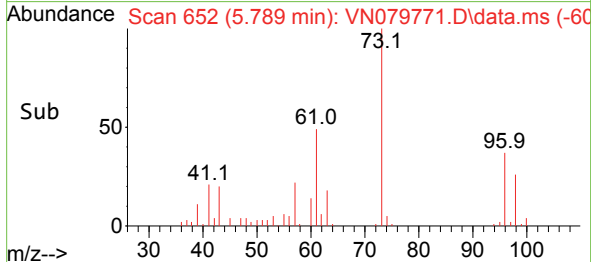
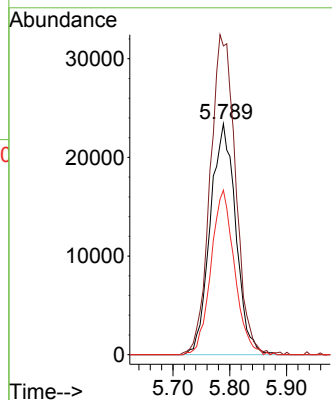
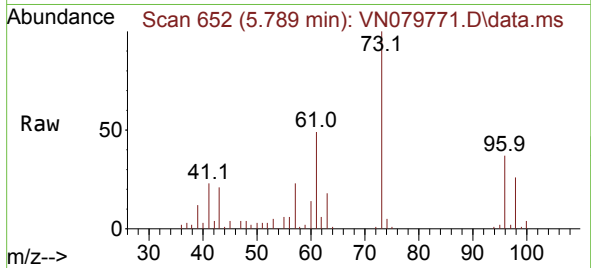




#21
trans-1,2-Dichloroethene
Concen: 18.207 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

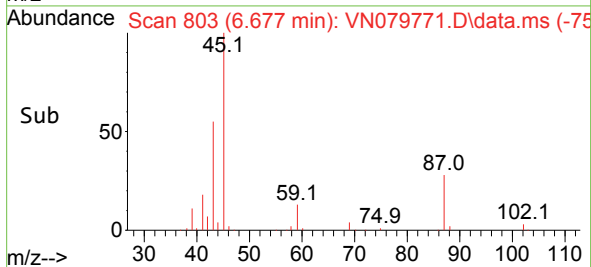
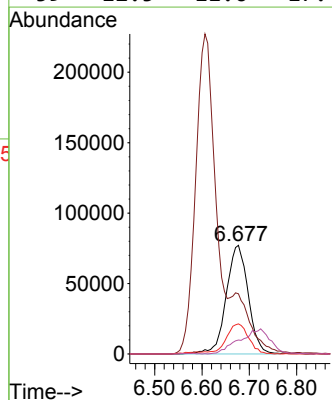
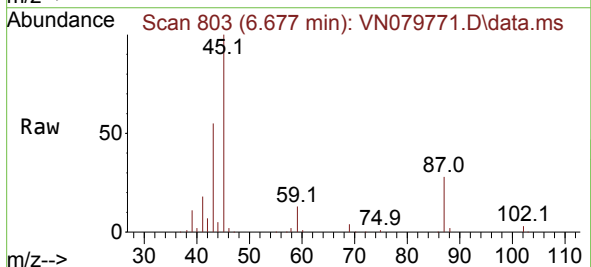
Instrument :
MSVOA_N
ClientSampleId :

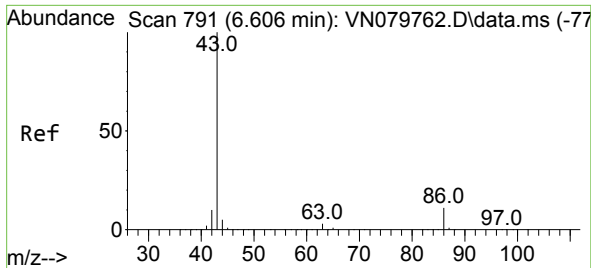
Tgt Ion: 96 Resp: 72931
Ion Ratio Lower Upper
96 100
61 133.8 90.1 135.1
98 71.2 46.4 69.6#



#22
Diisopropyl ether
Concen: 19.544 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 45 Resp: 249145
Ion Ratio Lower Upper
45 100
43 52.8 45.5 68.3
87 27.7 31.8 47.8#
59 12.5 11.6 17.4

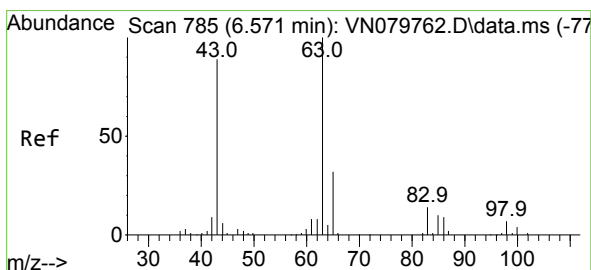
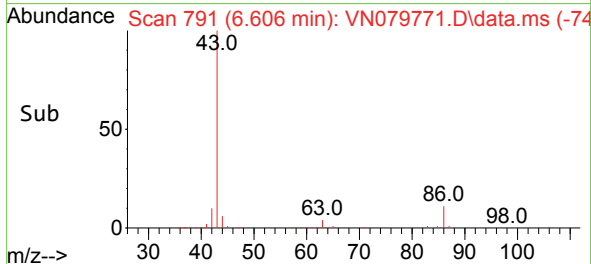
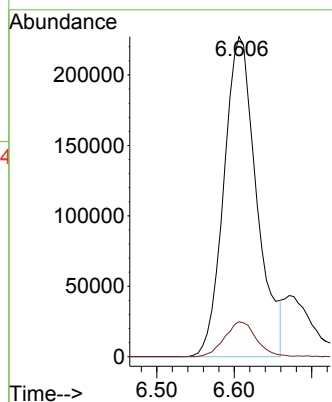
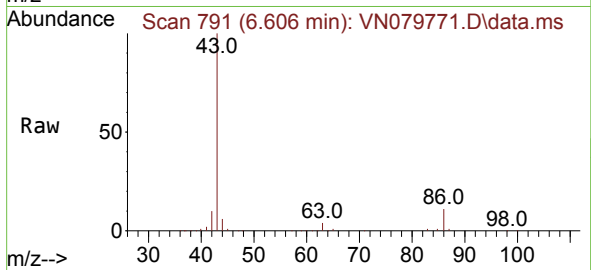




#23
 Vinyl Acetate
 Concen: 94.984 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079771.D
 Acq: 01 Nov 2023 14:57

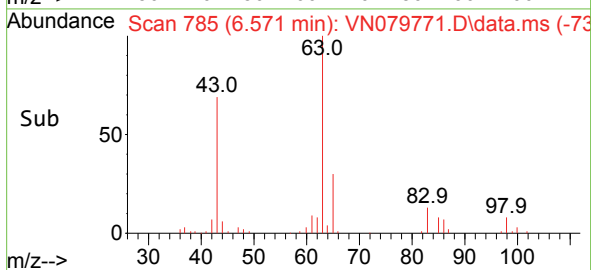
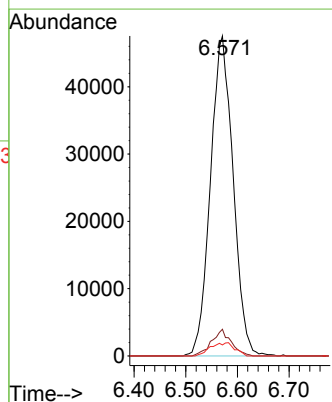
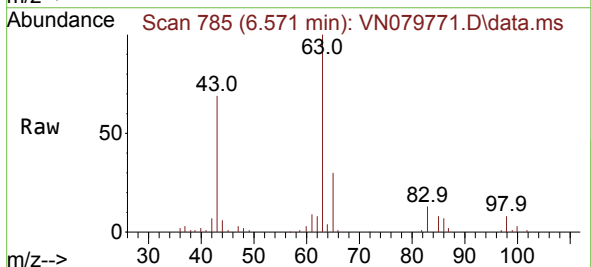
Instrument :
 MSVOA_N
 ClientSampleId :

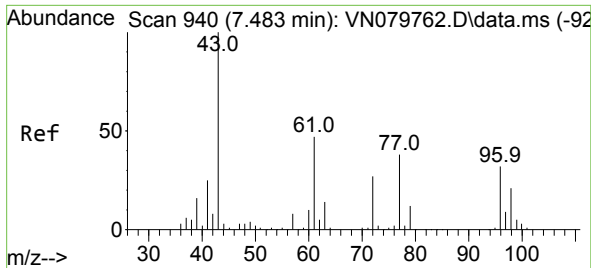
Tgt Ion: 43 Resp: 667894
 Ion Ratio Lower Upper
 43 100
 86 10.9 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 18.687 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN079771.D
 Acq: 01 Nov 2023 14:57

Tgt Ion: 63 Resp: 144789
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.7
 100 3.4 2.5 7.4

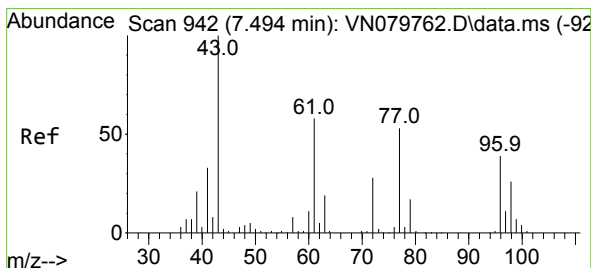
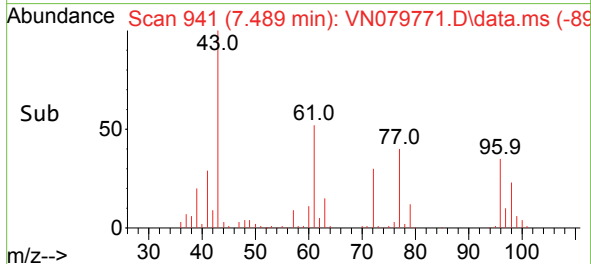
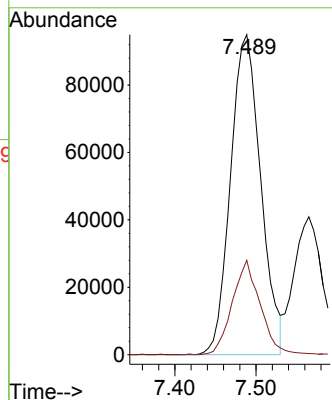
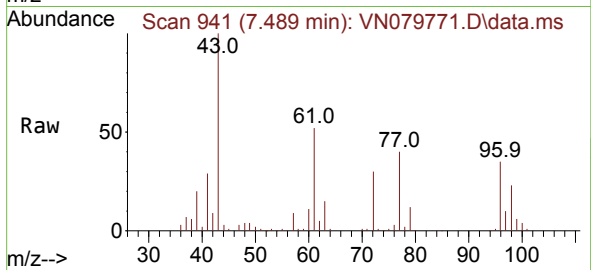




#25
2-Butanone
Concen: 93.990 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

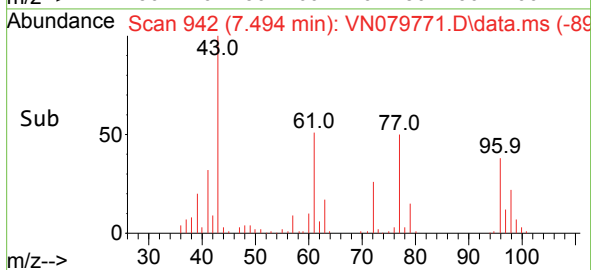
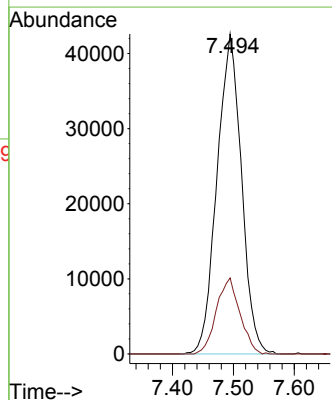
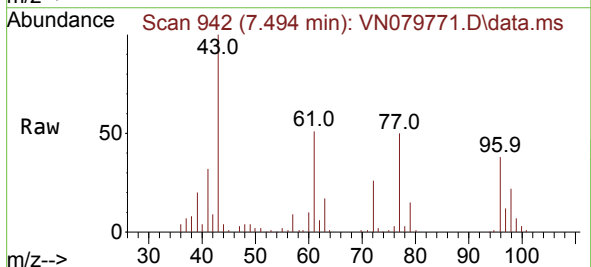
Instrument :
MSVOA_N
ClientSampleId :

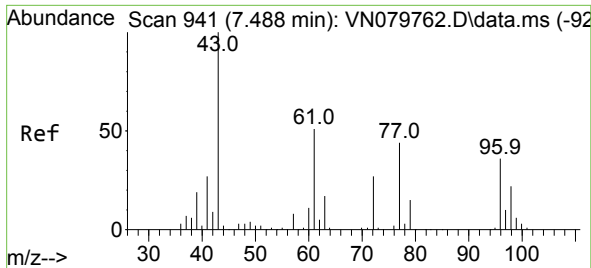
Tgt Ion: 43 Resp: 245763
Ion Ratio Lower Upper
43 100
72 29.5 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 18.517 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 77 Resp: 118657
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6

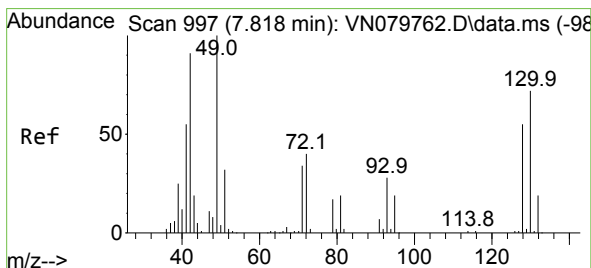
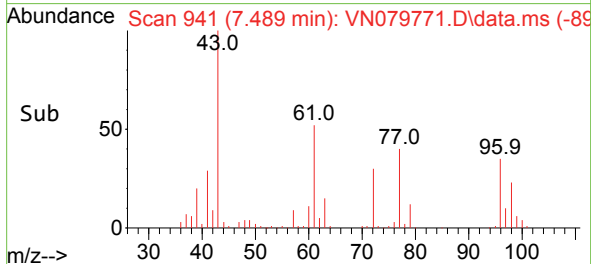
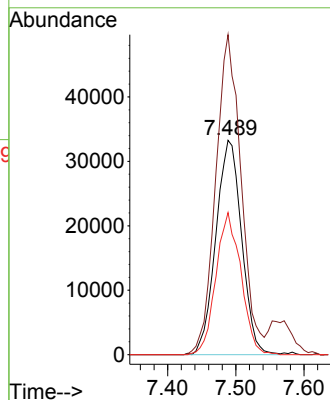
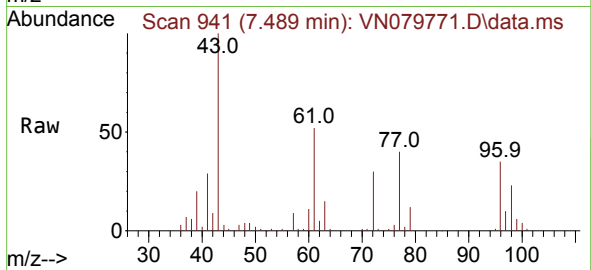




#27
 cis-1,2-Dichloroethene
 Concen: 18.307 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079771.D
 Acq: 01 Nov 2023 14:57

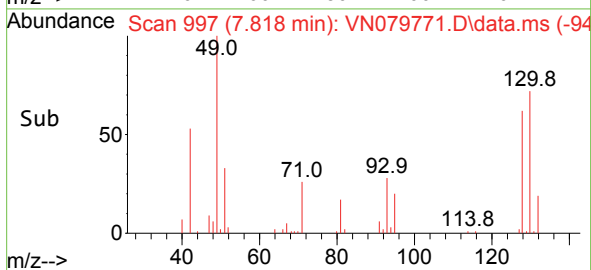
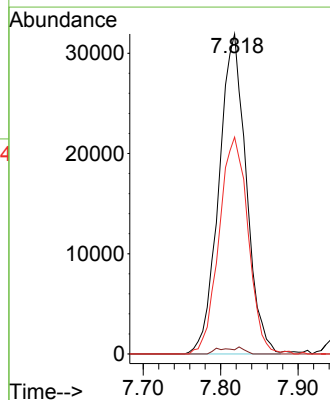
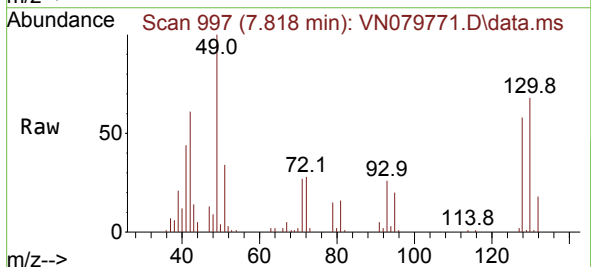
Instrument :
 MSVOA_N
 ClientSampleId :

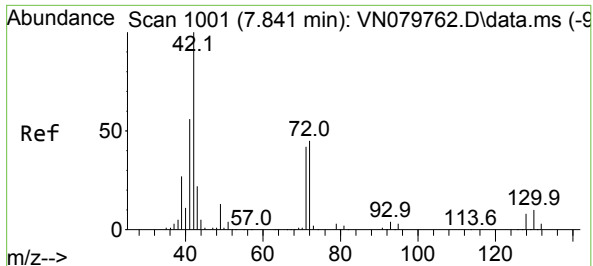
Tgt Ion: 96 Resp: 87715
 Ion Ratio Lower Upper
 96 100
 61 147.1 0.0 255.2
 98 64.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.722 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079771.D
 Acq: 01 Nov 2023 14:57

Tgt Ion: 49 Resp: 78244
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 72.2 75.3 112.9#





#29

Tetrahydrofuran

Concen: 95.859 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

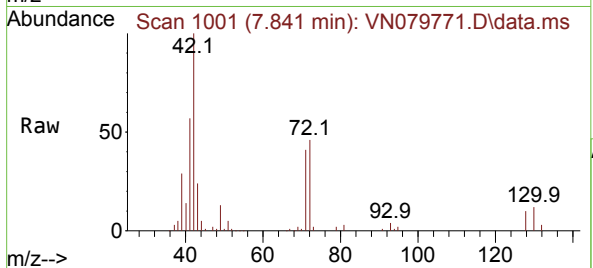
Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

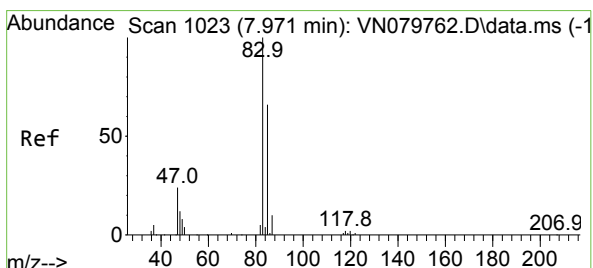
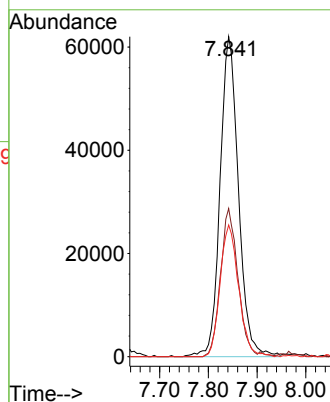
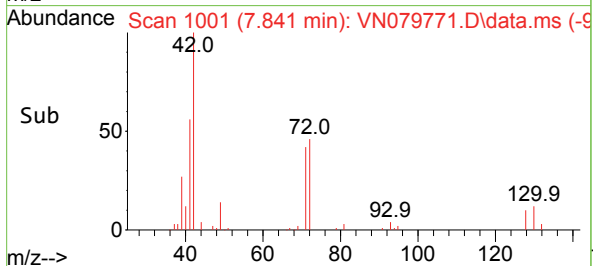
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	163075
Ion	Ratio	Lower	Upper
42	100		
72	43.7	49.8	74.6#
71	41.4	47.4	71.2#



#30

Chloroform

Concen: 17.497 ug/l

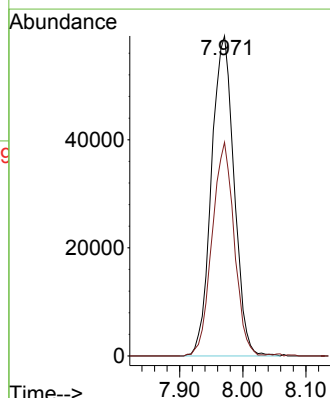
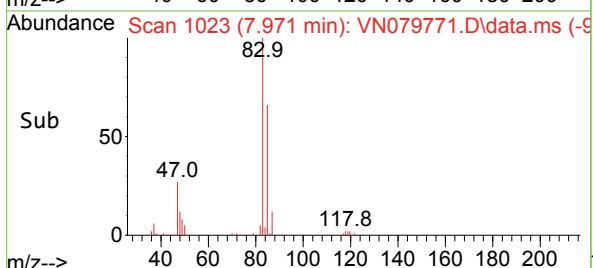
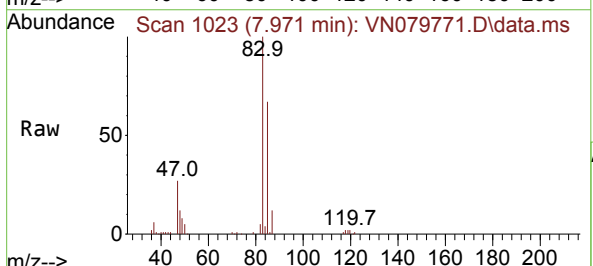
RT: 7.971 min Scan# 1023

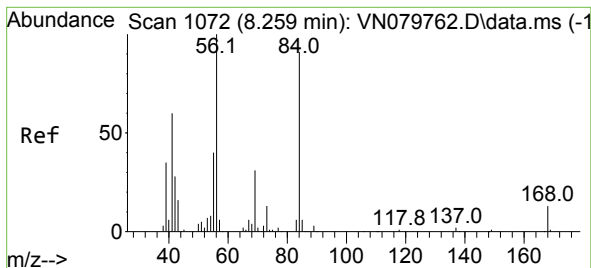
Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Tgt Ion:	83	Resp:	147264
Ion	Ratio	Lower	Upper
83	100		
85	66.7	55.4	83.0





#31

Cyclohexane

Concen: 18.399 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

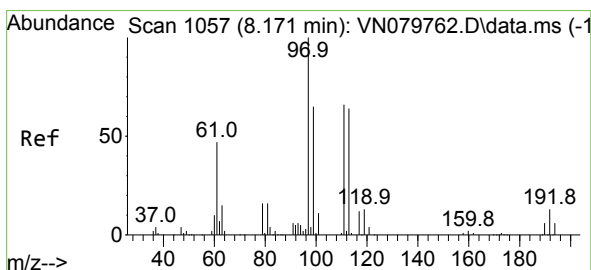
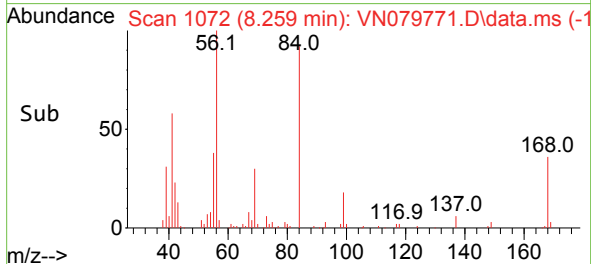
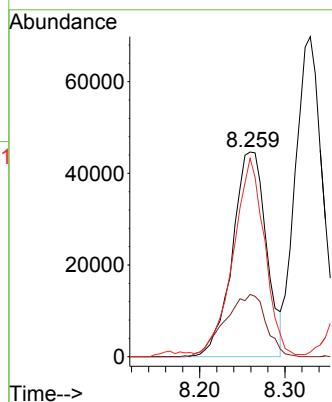
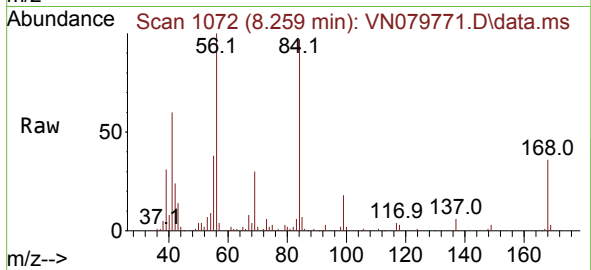
Tgt Ion: 56 Resp: 123591

Ion Ratio Lower Upper

56 100

69 30.5 26.8 40.2

84 94.6 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 18.517 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

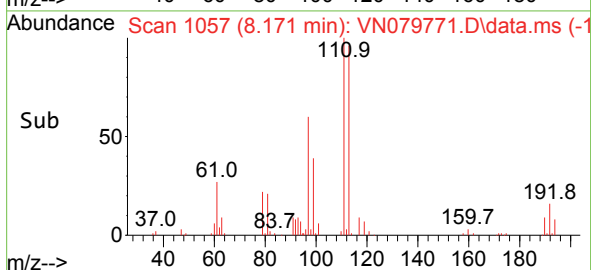
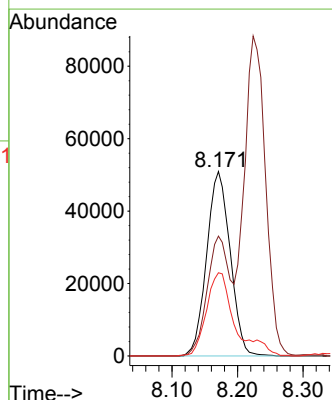
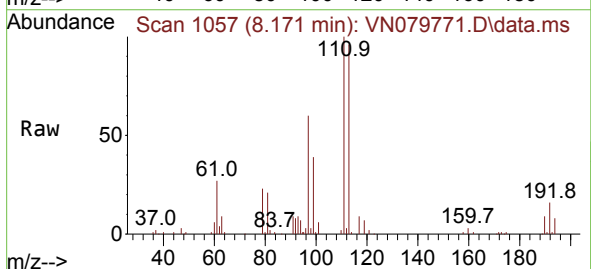
Tgt Ion: 97 Resp: 126980

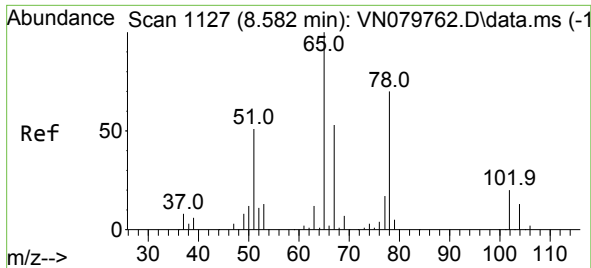
Ion Ratio Lower Upper

97 100

99 63.5 50.3 75.5

61 54.2 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 48.916 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

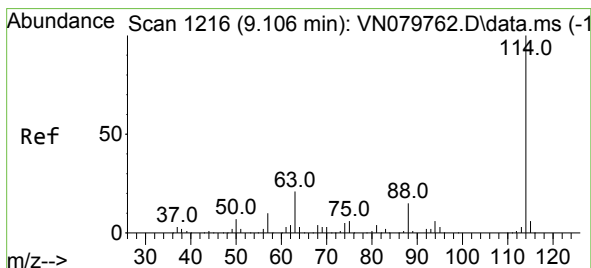
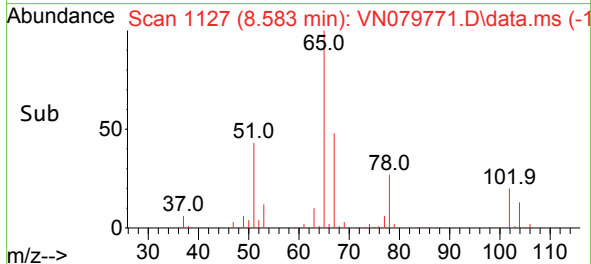
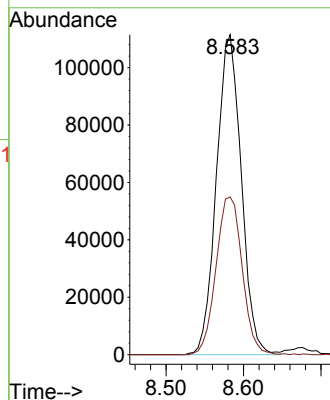
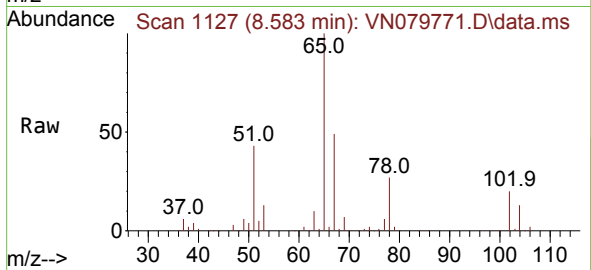
ClientSampleId :

Tgt Ion: 65 Resp: 248663

Ion Ratio Lower Upper

65 100

67 51.9 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: VN079771.D

Acq: 01 Nov 2023 14:57

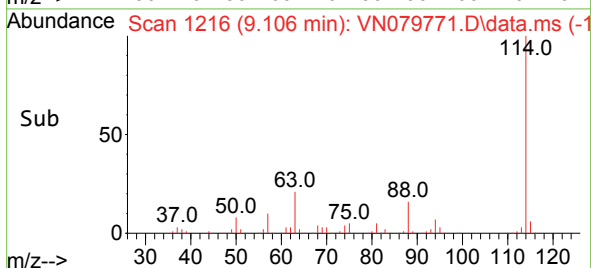
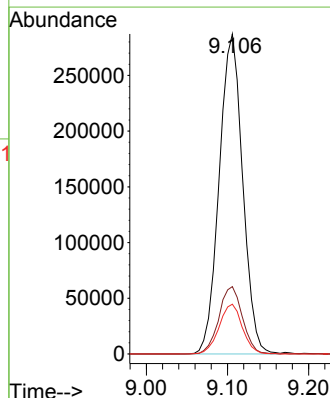
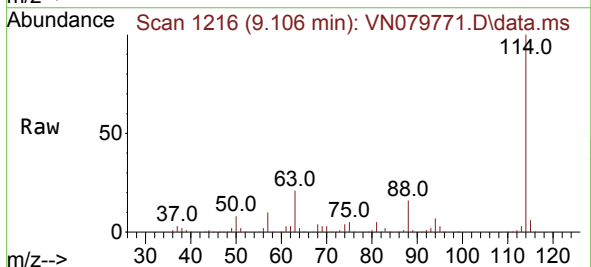
Tgt Ion: 114 Resp: 577122

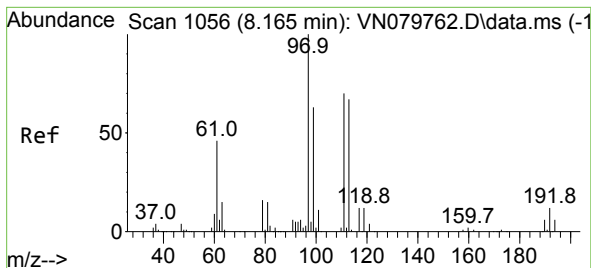
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.501 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

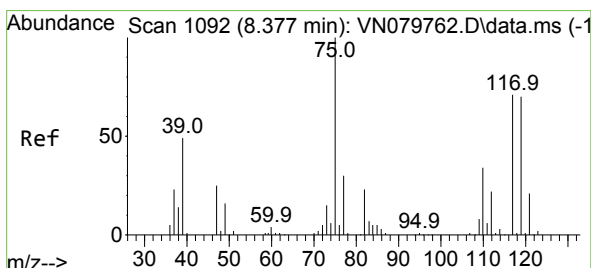
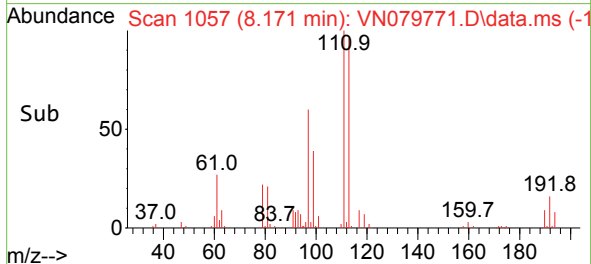
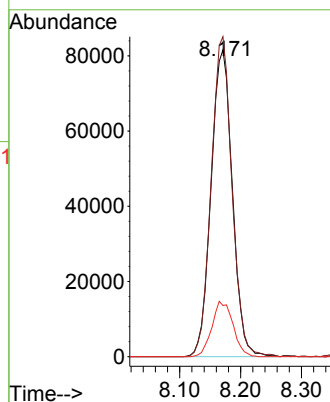
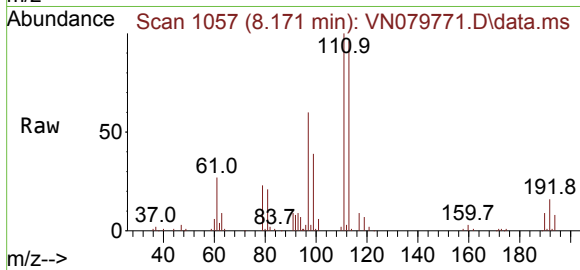
Tgt Ion:113 Resp: 198108

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

192 17.9 12.7 19.1



#36

1,1-Dichloropropene

Concen: 19.005 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

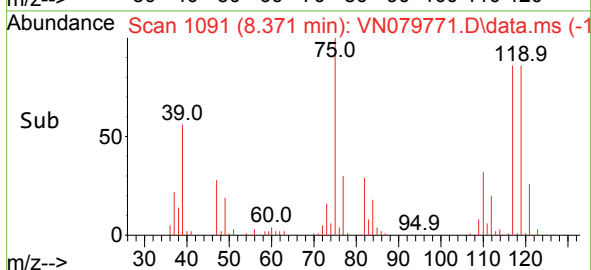
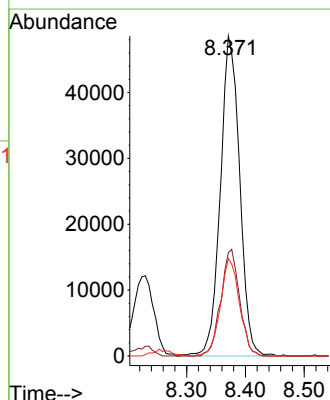
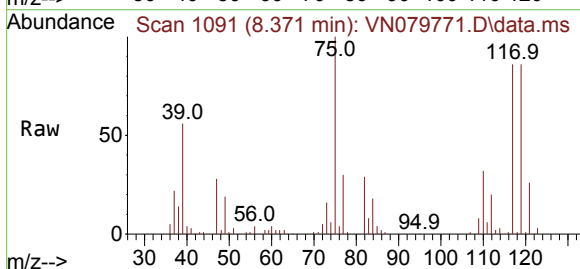
Tgt Ion: 75 Resp: 110841

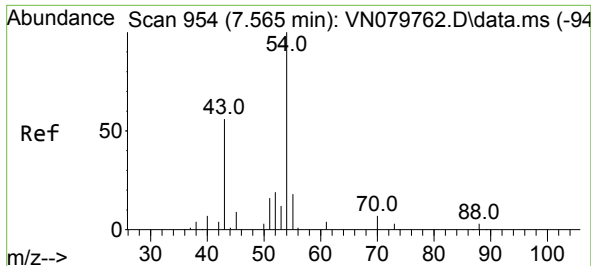
Ion Ratio Lower Upper

75 100

110 32.6 19.1 57.3

77 30.0 25.0 37.4





#37

Ethyl Acetate

Concen: 19.496 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

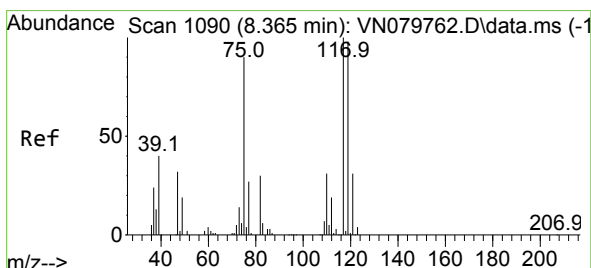
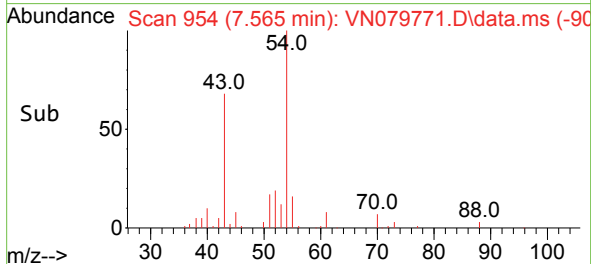
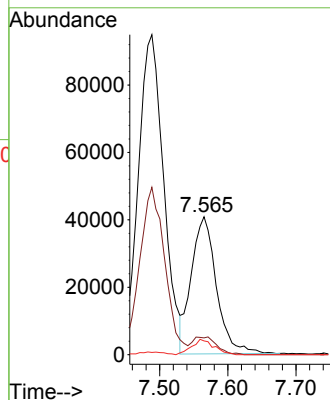
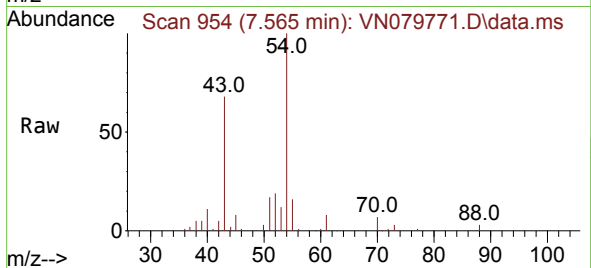
Tgt Ion: 43 Resp: 104282

Ion Ratio Lower Upper

43 100

61 12.3 13.2 19.8#

70 9.8 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 18.681 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

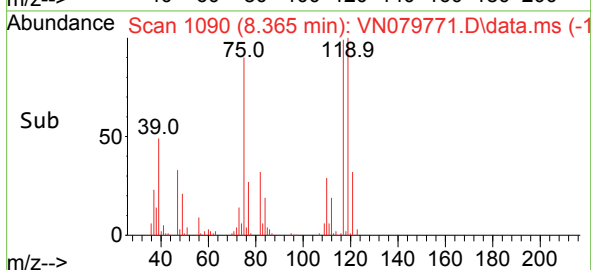
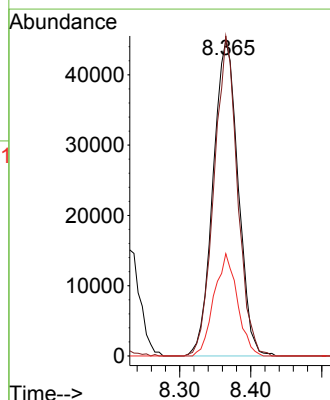
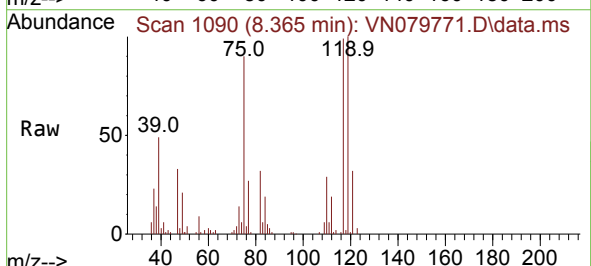
Tgt Ion: 117 Resp: 109803

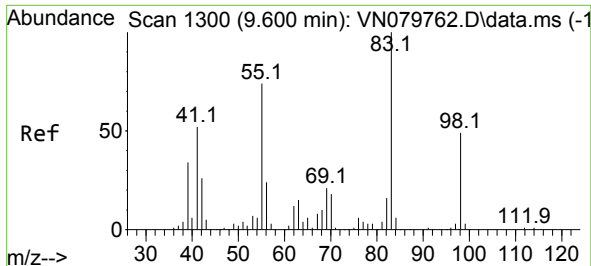
Ion Ratio Lower Upper

117 100

119 101.5 77.3 115.9

121 32.4 23.3 34.9





#39

Methylcyclohexane

Concen: 18.809 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

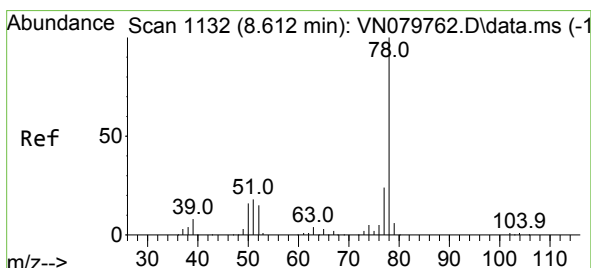
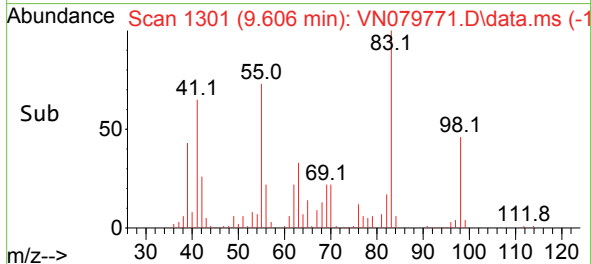
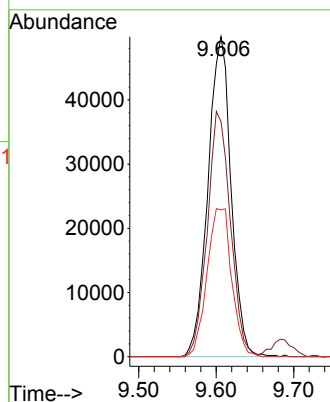
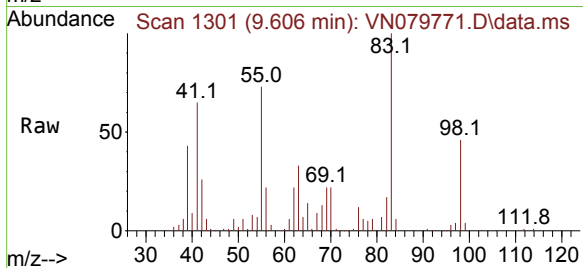
Tgt Ion: 83 Resp: 103234

Ion Ratio Lower Upper

83 100

55 73.5 49.1 73.7

98 45.9 40.6 61.0



#40

Benzene

Concen: 18.757 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079771.D

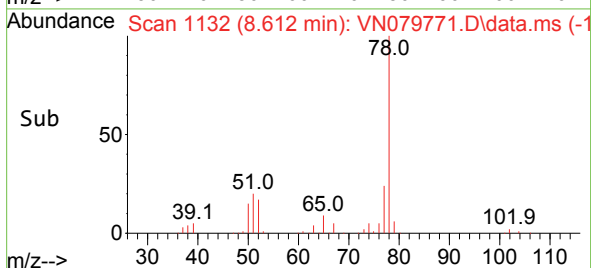
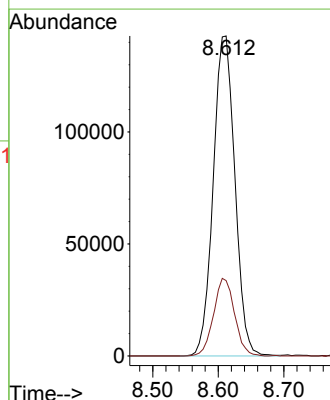
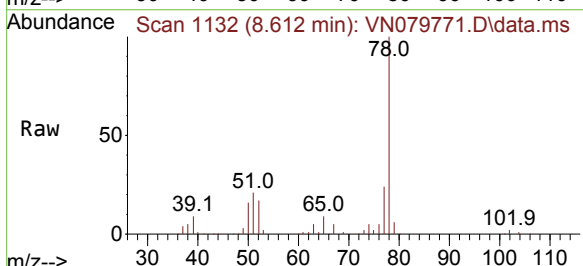
Acq: 01 Nov 2023 14:57

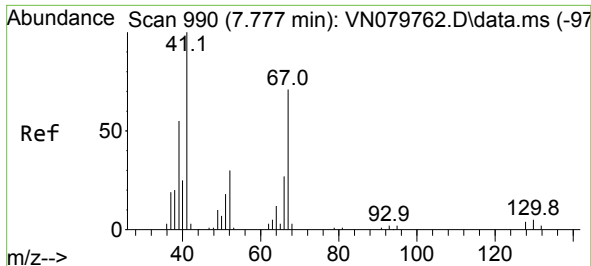
Tgt Ion: 78 Resp: 327645

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

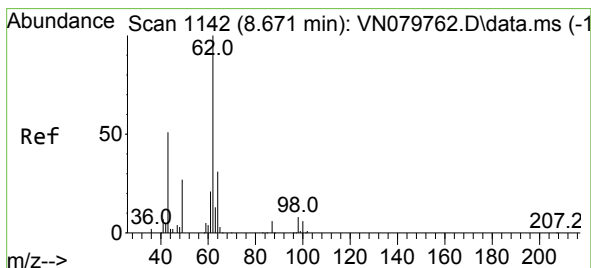
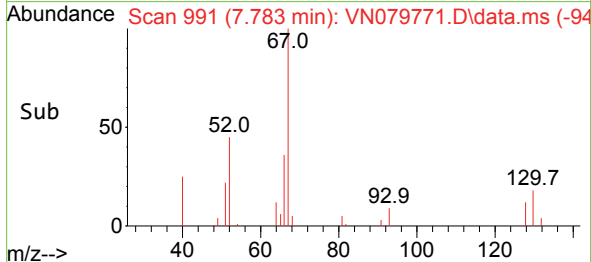
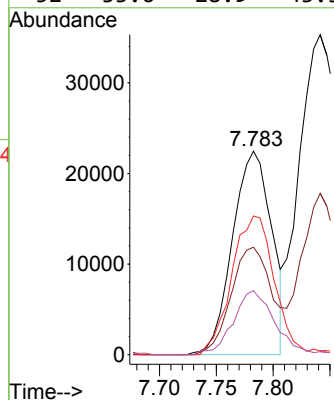
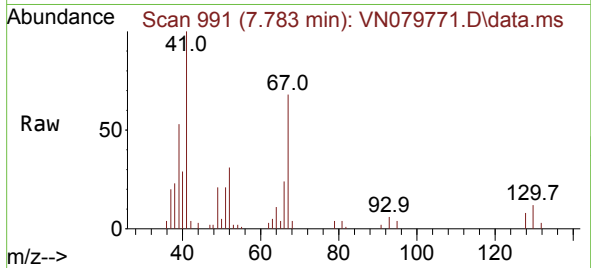




#41
Methacrylonitrile
Concen: 18.890 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

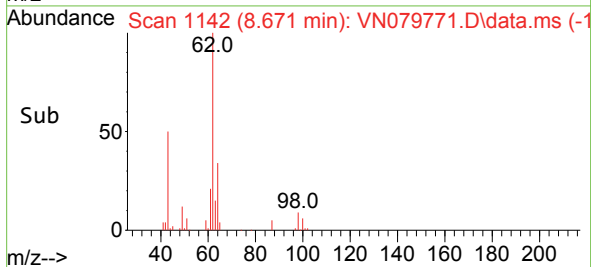
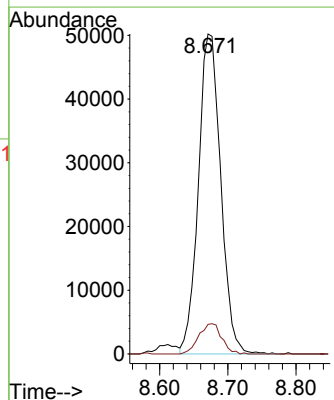
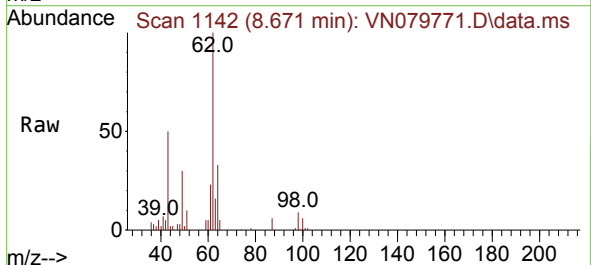
Instrument :
MSVOA_N
ClientSampleId :

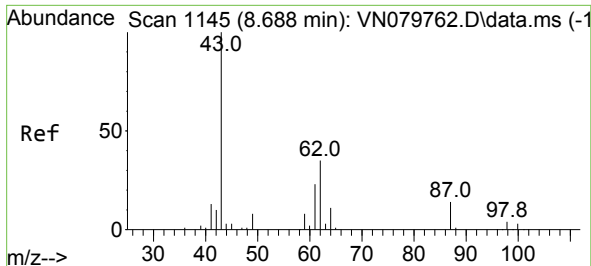
Tgt Ion: 41	Resp: 53653
Ion Ratio	Lower Upper
41 100	
39 57.4	42.6 64.0
67 75.4	77.5 116.3#
52 33.6	28.9 43.3



#42
1,2-Dichloroethane
Concen: 18.755 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 62	Resp: 114436
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 19.8

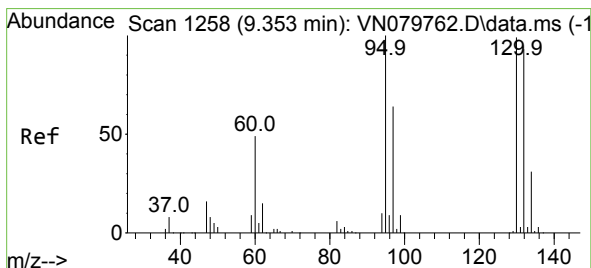
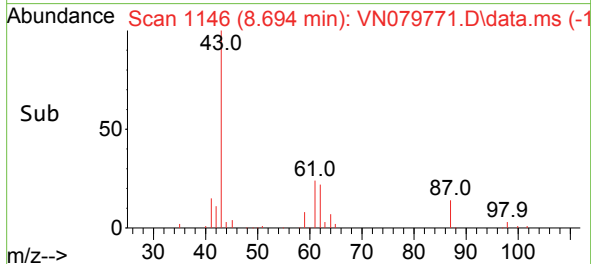
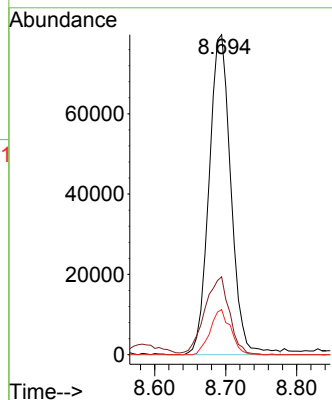
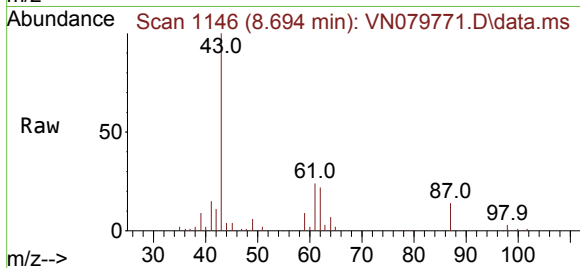




#43
Isopropyl Acetate
Concen: 18.163 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

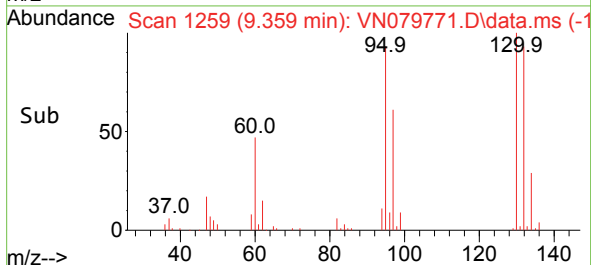
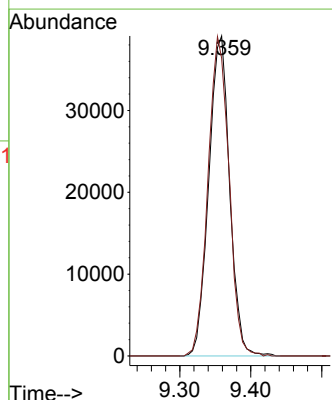
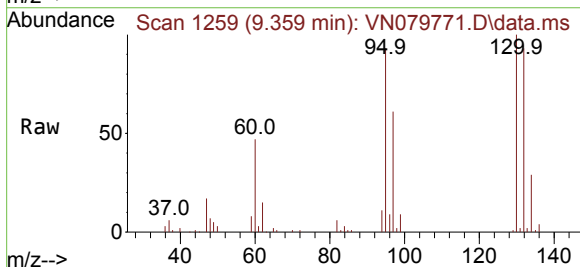
Instrument :
MSVOA_N
ClientSampleId :

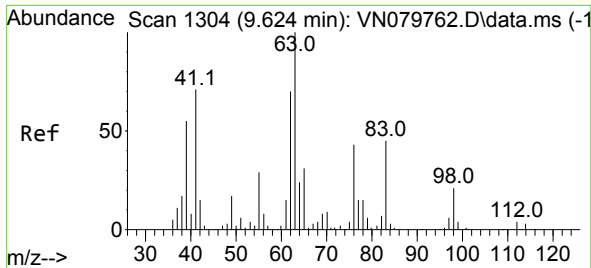
Tgt Ion: 43 Resp: 170374
Ion Ratio Lower Upper
43 100
61 27.5 24.7 37.1
87 13.2 14.6 21.8#



#44
Trichloroethene
Concen: 18.390 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion:130 Resp: 79715
Ion Ratio Lower Upper
130 100
95 93.1 0.0 204.6

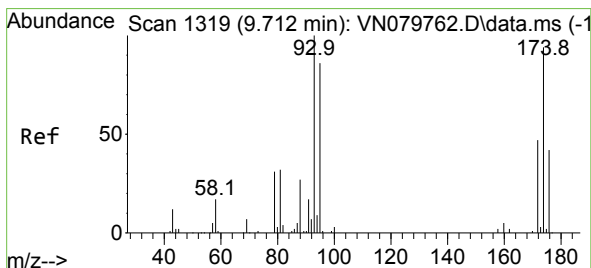
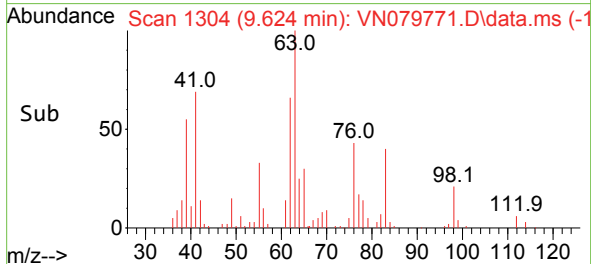
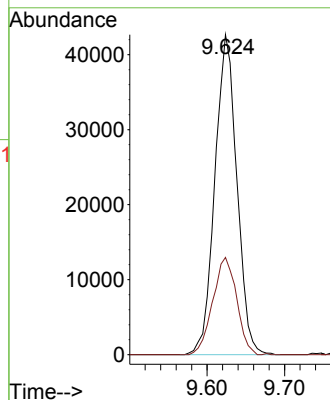
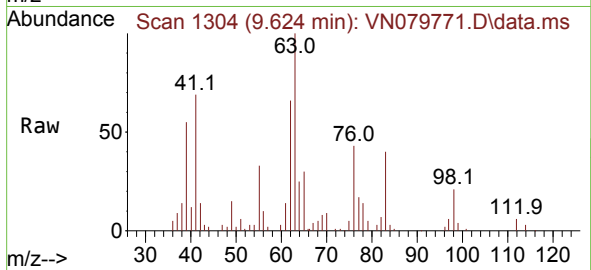




#45
1,2-Dichloropropane
Concen: 18.821 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

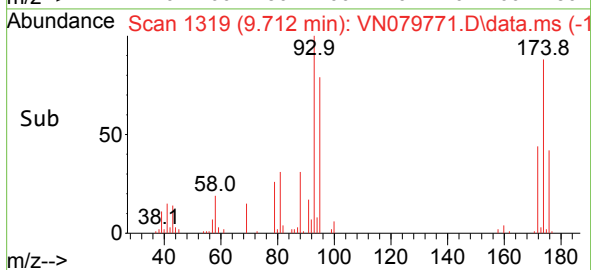
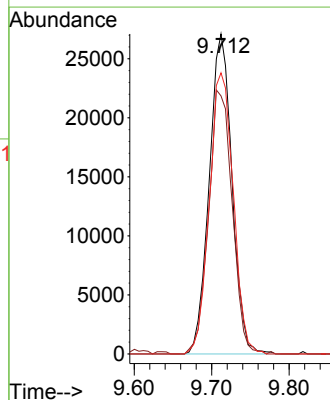
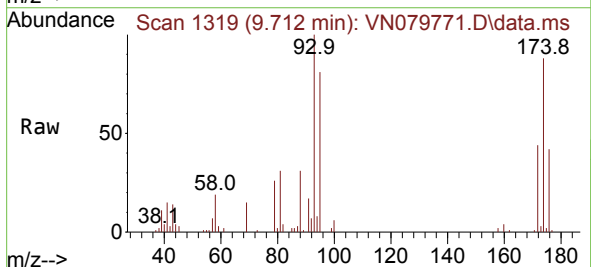
Instrument :
MSVOA_N
ClientSampleId :

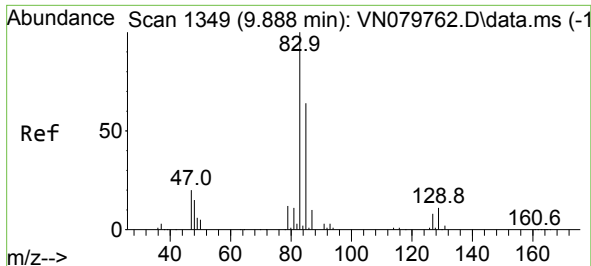
Tgt Ion: 63 Resp: 84018
Ion Ratio Lower Upper
63 100
65 30.4 23.9 35.9



#46
Dibromomethane
Concen: 18.128 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 93 Resp: 55256
Ion Ratio Lower Upper
93 100
95 85.5 63.8 95.8
174 92.4 65.6 98.4





#47

Bromodichloromethane

Concen: 17.699 ug/l

RT: 9.888 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079771.D

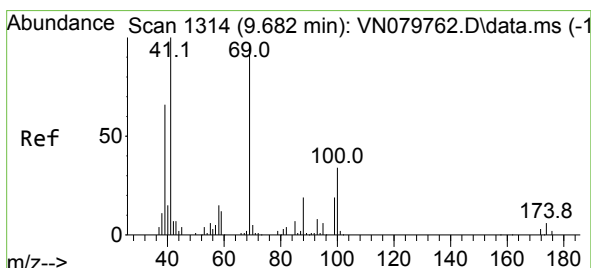
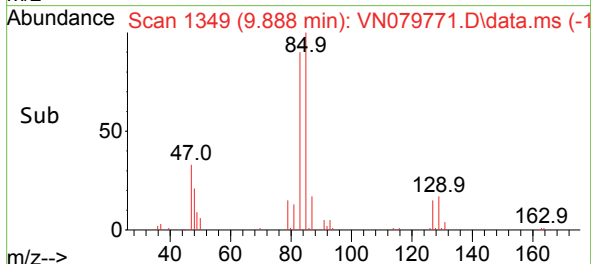
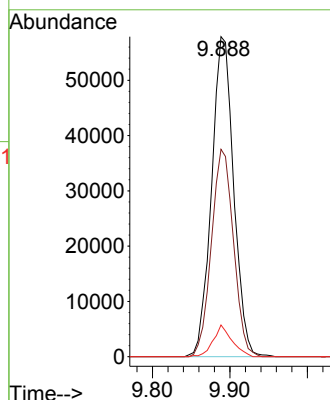
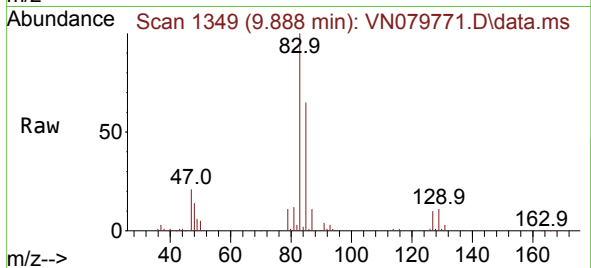
Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	115058
Ion Ratio	Lower	Upper	
83	100		
85	64.8	49.6	74.4
127	9.9	7.0	10.6



#48

Methyl methacrylate

Concen: 18.893 ug/l

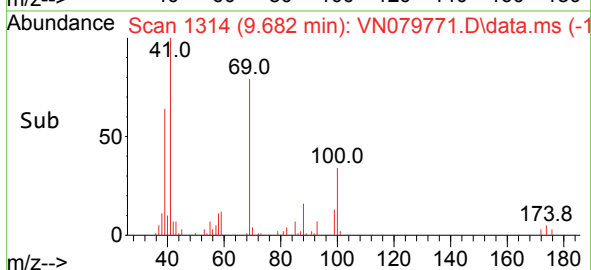
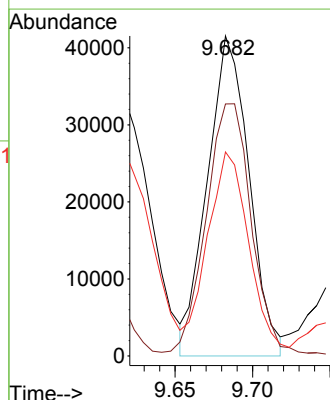
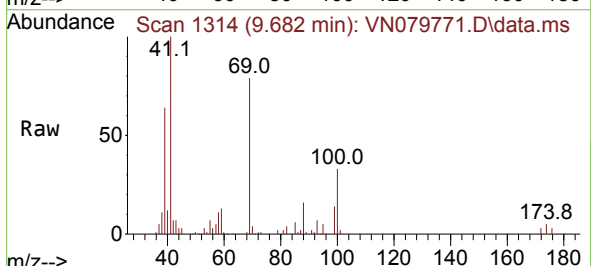
RT: 9.682 min Scan# 1314

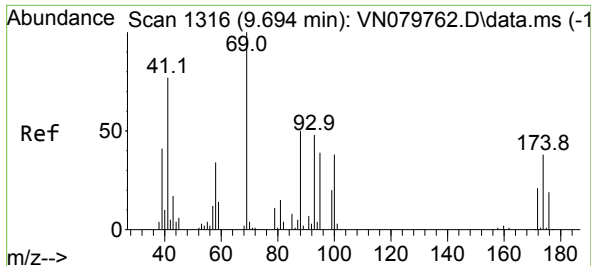
Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Tgt Ion:	41	Resp:	77623
Ion Ratio	Lower	Upper	
41	100		
69	86.6	90.4	135.6#
39	64.6	54.6	81.8





#49

1,4-Dioxane

Concen: 387.745 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

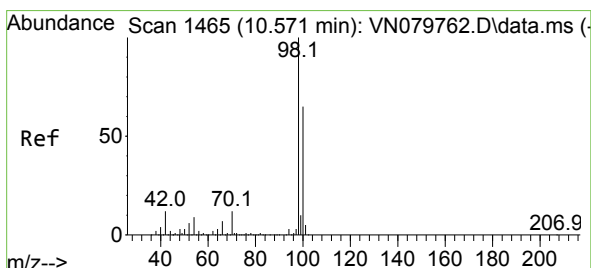
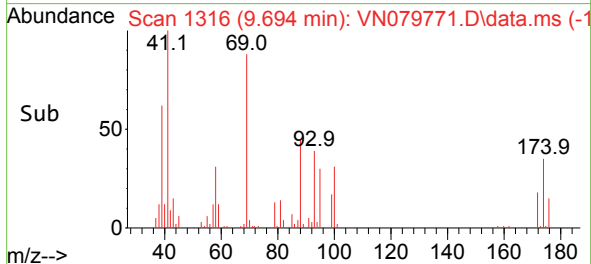
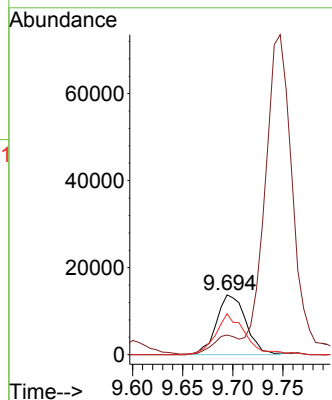
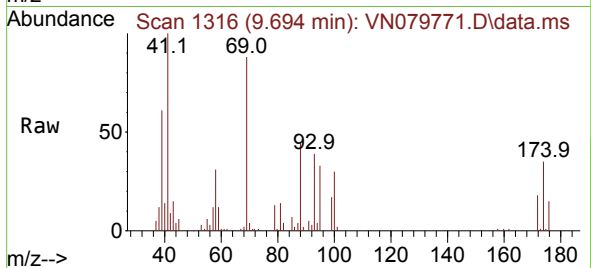
Tgt Ion: 88 Resp: 28150

Ion Ratio Lower Upper

88 100

43 26.5 17.0 25.6#

58 68.8 47.0 70.4



#50

Toluene-d8

Concen: 49.527 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079771.D

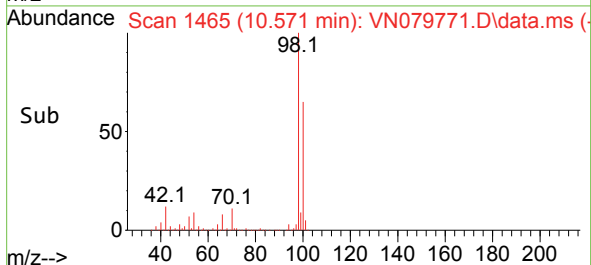
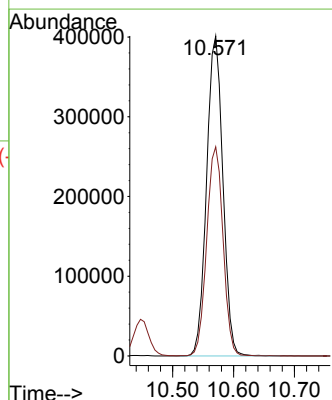
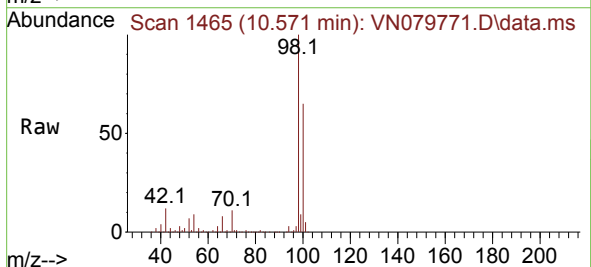
Acq: 01 Nov 2023 14:57

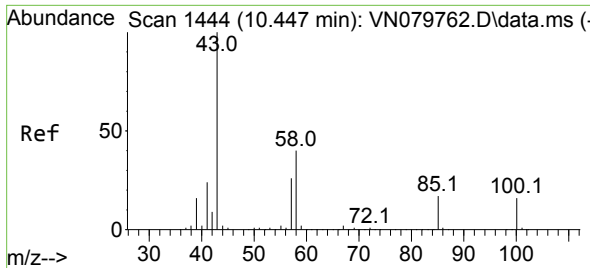
Tgt Ion: 98 Resp: 744741

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0

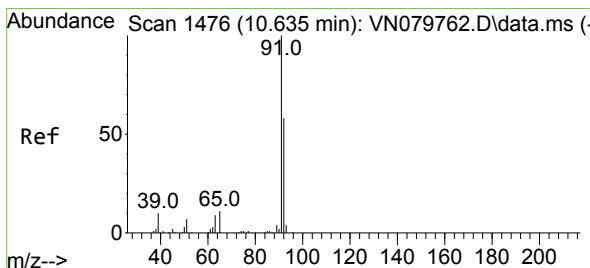
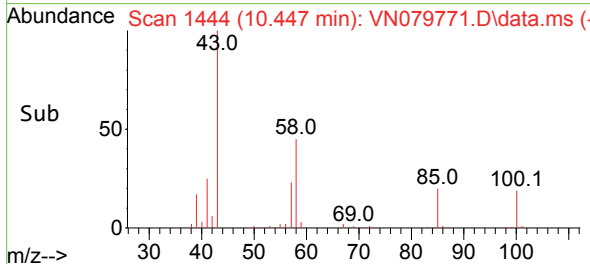
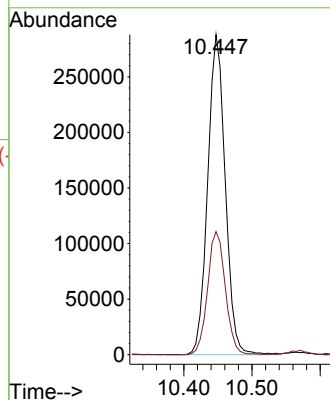
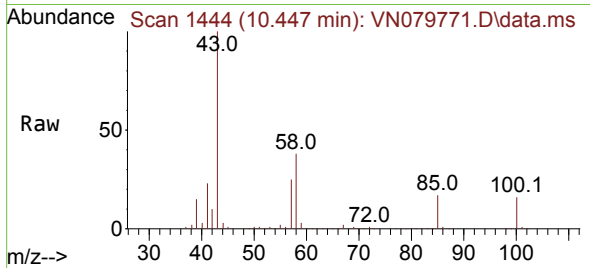




#51
4-Methyl-2-Pentanone
Concen: 97.751 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

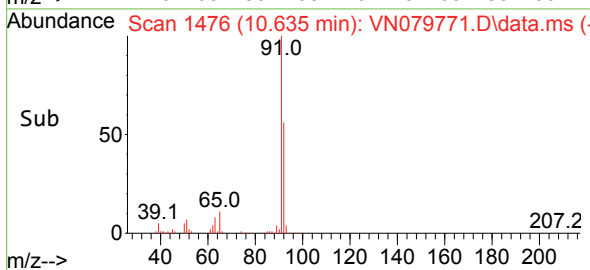
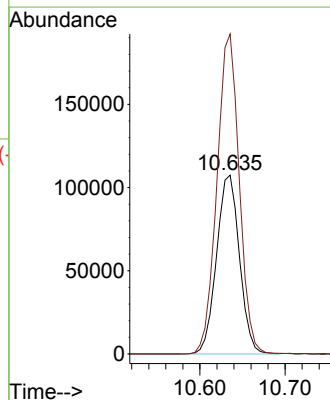
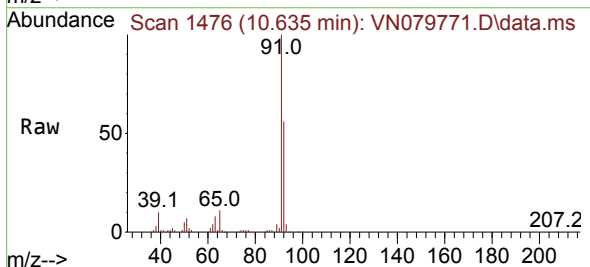
Instrument :
MSVOA_N
ClientSampleId :

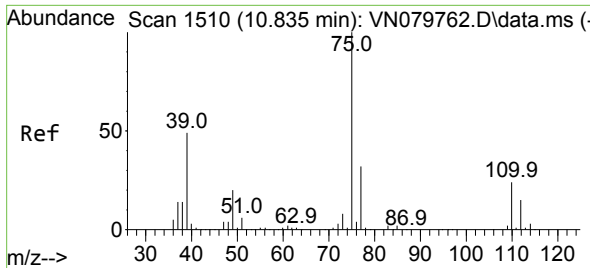
Tgt Ion: 43 Resp: 516221
Ion Ratio Lower Upper
43 100
58 39.0 36.6 54.8



#52
Toluene
Concen: 19.357 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 92 Resp: 200461
Ion Ratio Lower Upper
92 100
91 174.4 137.4 206.0

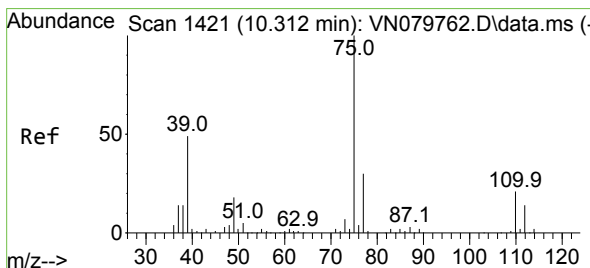
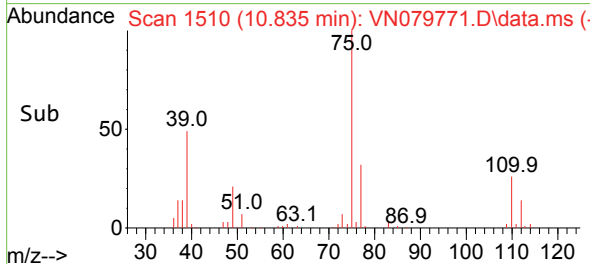
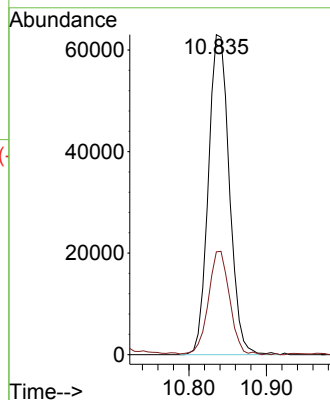
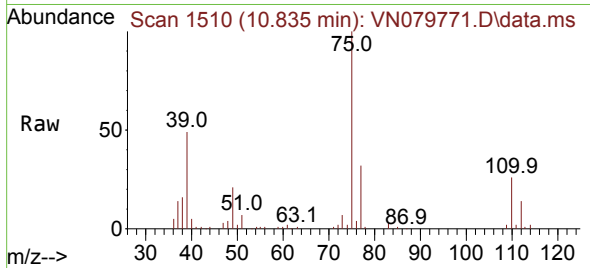




#53
 t-1,3-Dichloropropene
 Concen: 18.568 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN079771.D
 Acq: 01 Nov 2023 14:57

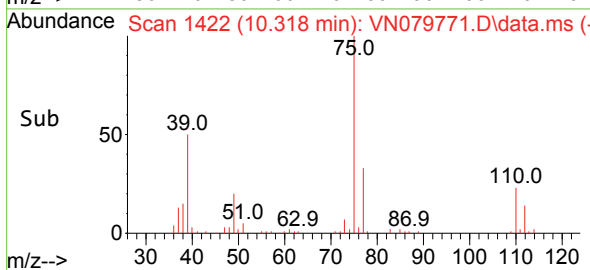
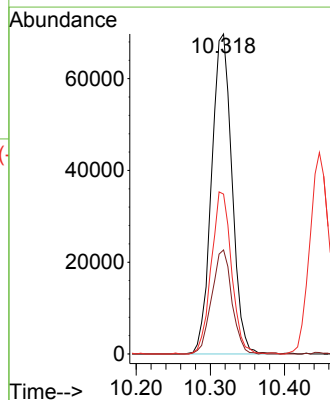
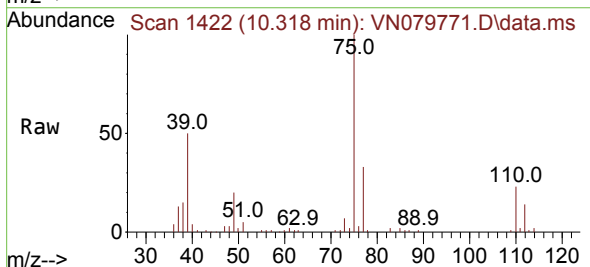
Instrument :
 MSVOA_N
 ClientSampleId :

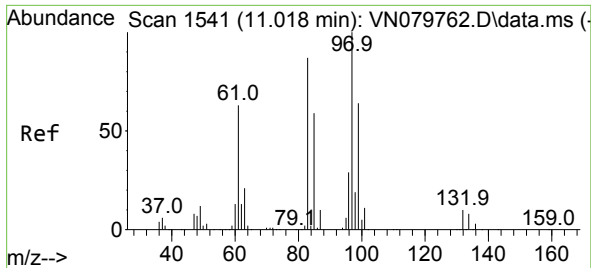
Tgt Ion: 75 Resp: 118332
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.216 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079771.D
 Acq: 01 Nov 2023 14:57

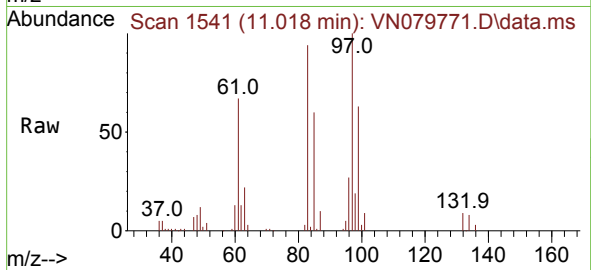
Tgt Ion: 75 Resp: 133481
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.1 39.1
 39 49.9 31.6 47.4#



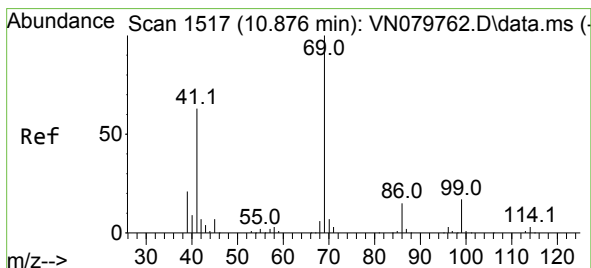
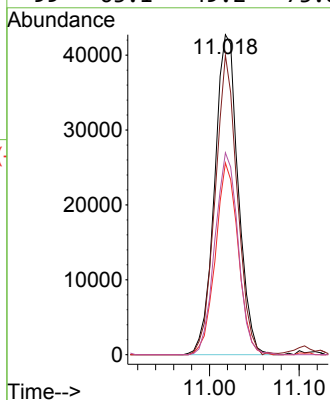
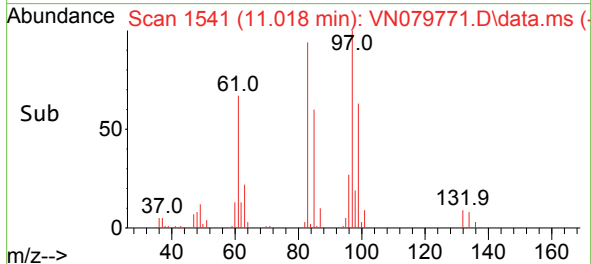


#55
1,1,2-Trichloroethane
Concen: 18.703 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Instrument :
MSVOA_N
ClientSampleId :

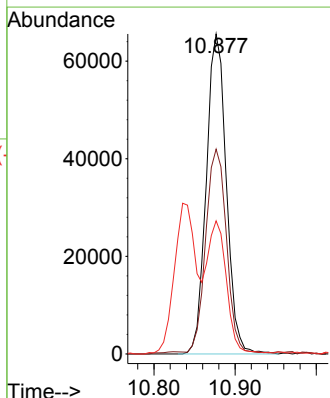
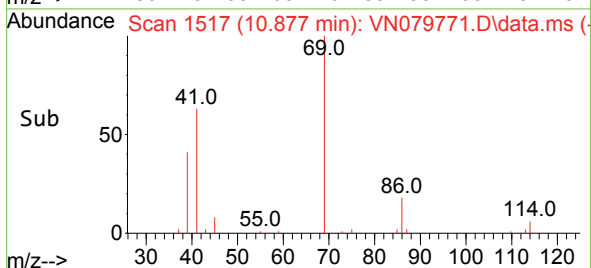
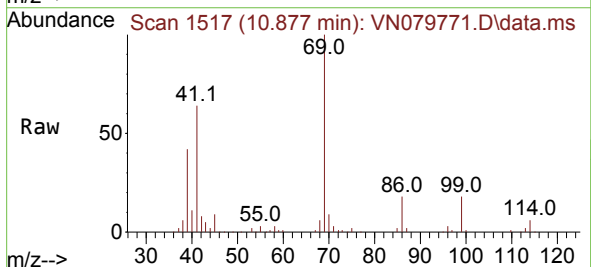


Tgt Ion: 97	Resp: 77905
Ion Ratio	Lower Upper
97 100	
83 93.6	65.1 97.7
85 59.9	43.4 65.2
99 63.1	49.2 73.8



#56
Ethyl methacrylate
Concen: 18.910 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 69	Resp: 112351
Ion Ratio	Lower Upper
69 100	
41 65.6	39.6 59.4#
39 39.1	28.6 43.0





#57

1,3-Dichloropropane

Concen: 18.830 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

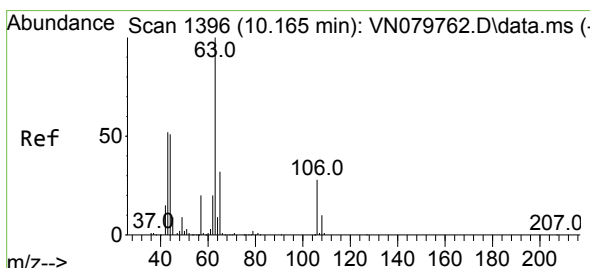
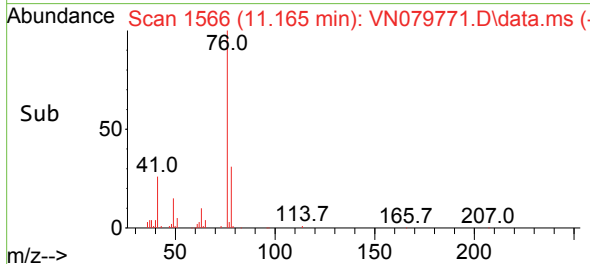
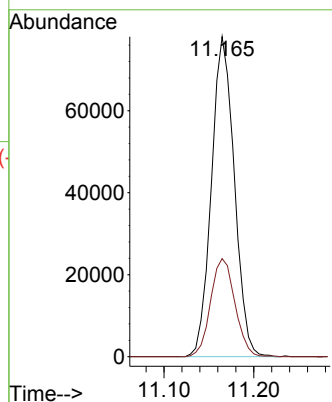
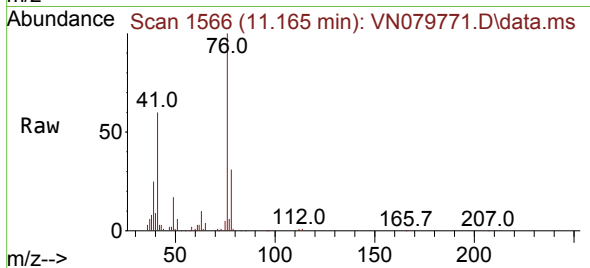
ClientSampleId :

Tgt Ion: 76 Resp: 138249

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 104.812 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079771.D

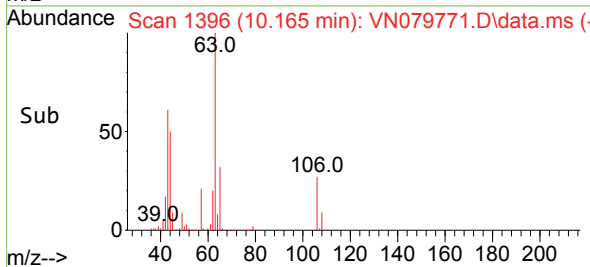
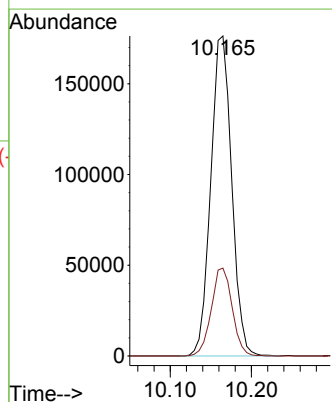
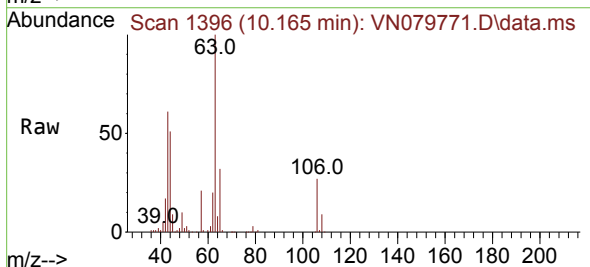
Acq: 01 Nov 2023 14:57

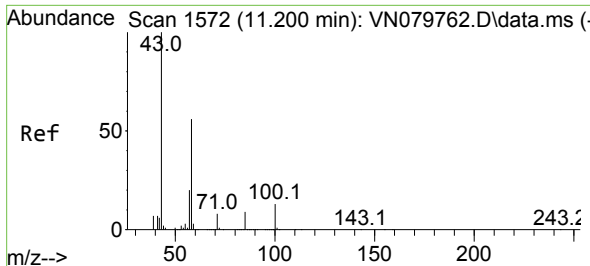
Tgt Ion: 63 Resp: 315622

Ion Ratio Lower Upper

63 100

106 27.4 26.2 39.4

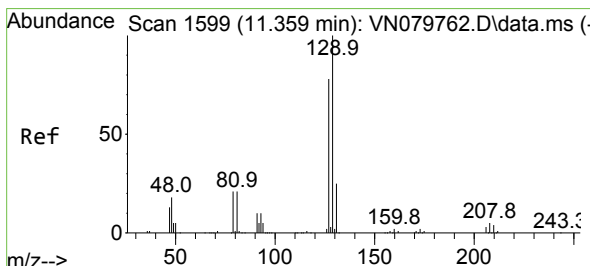
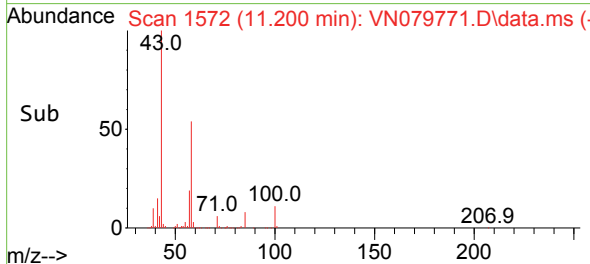
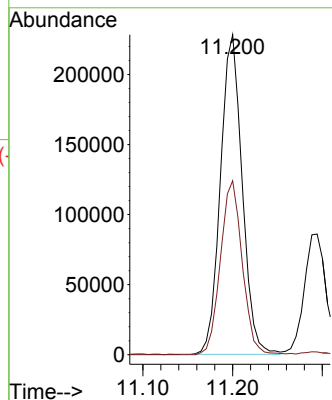
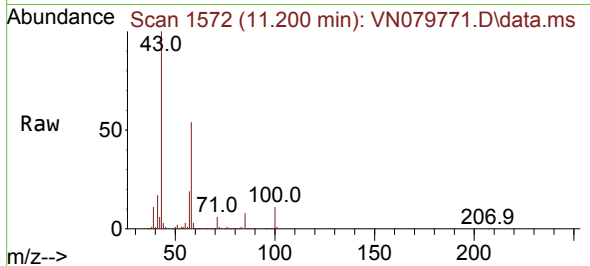




#59
2-Hexanone
Concen: 95.037 ug/l
RT: 11.200 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

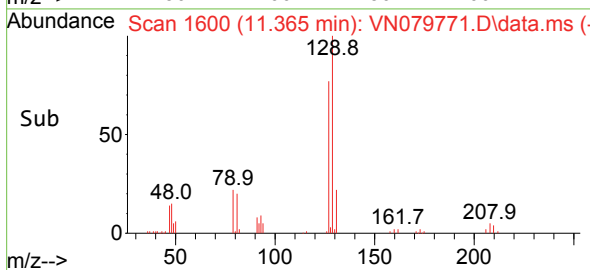
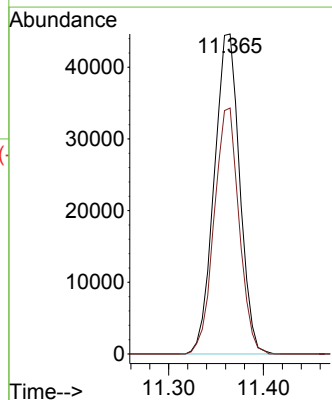
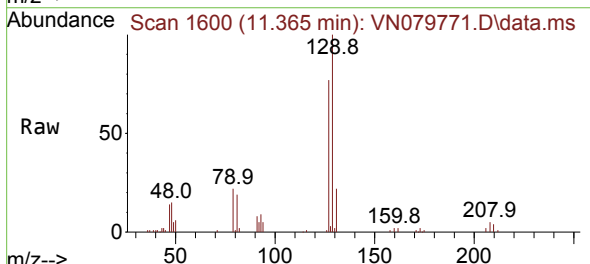
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 383941
Ion Ratio Lower Upper
43 100
58 54.5 31.7 95.1



#60
Dibromochloromethane
Concen: 18.706 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion:129 Resp: 83404
Ion Ratio Lower Upper
129 100
127 75.2 38.6 116.0

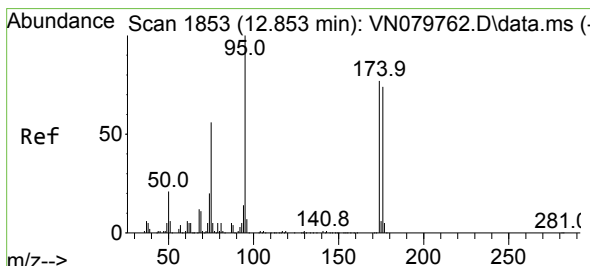
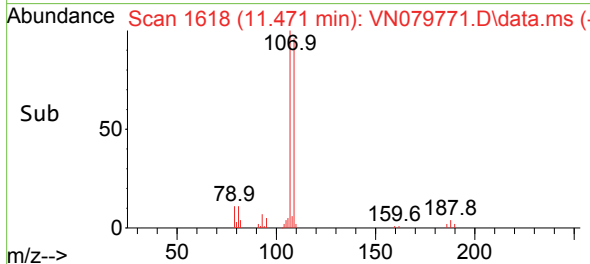
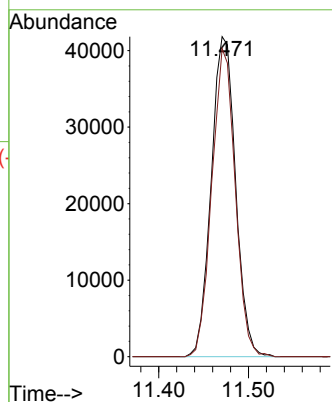
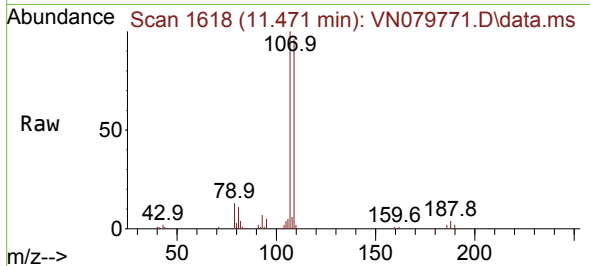




#61
1,2-Dibromoethane
Concen: 18.859 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

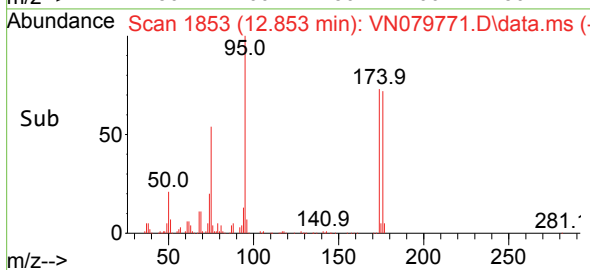
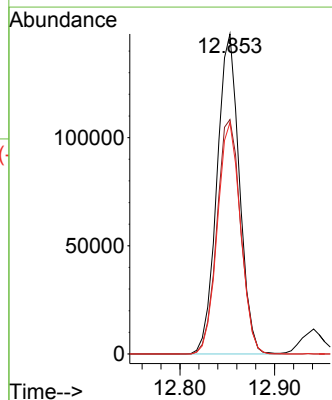
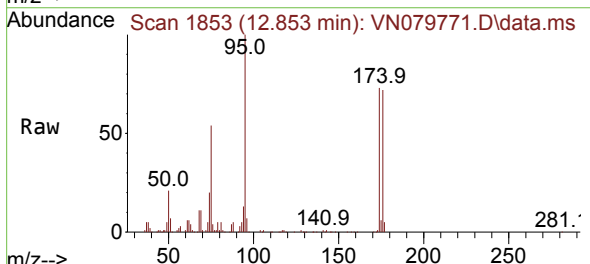
Instrument :
MSVOA_N
ClientSampleId :

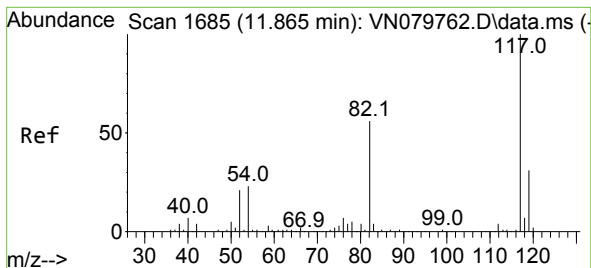
Tgt Ion:107 Resp: 78843
Ion Ratio Lower Upper
107 100
109 92.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 48.819 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 95 Resp: 243461
Ion Ratio Lower Upper
95 100
174 77.3 0.0 143.8
176 74.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 117

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

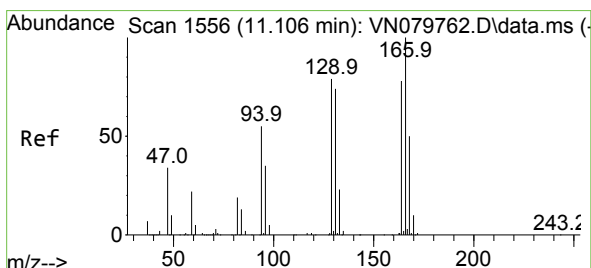
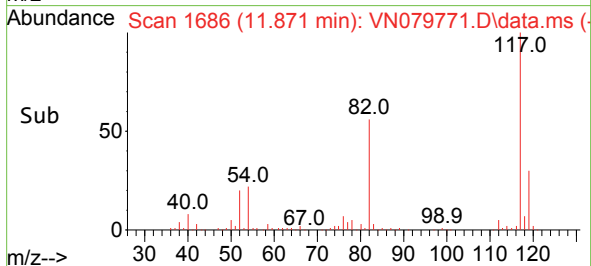
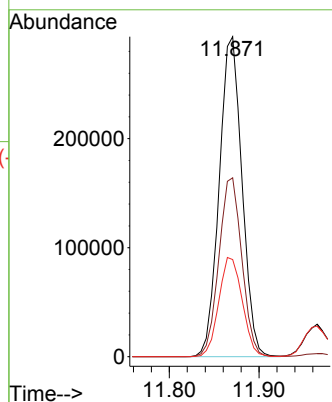
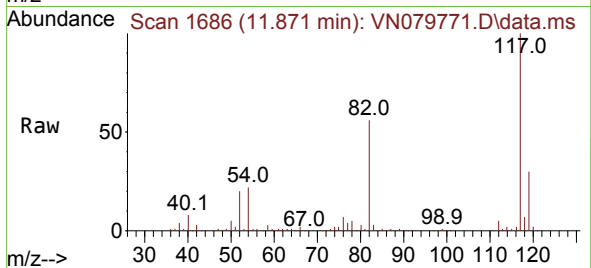
Tgt Ion:117 Resp: 517567

Ion Ratio Lower Upper

117 100

82 55.9 44.0 66.0

119 30.3 25.6 38.4



#64

Tetrachloroethene

Concen: 18.344 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Tgt Ion:164 Resp: 61489

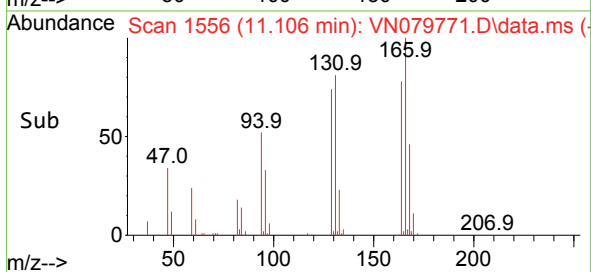
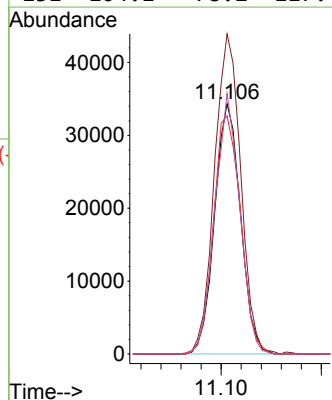
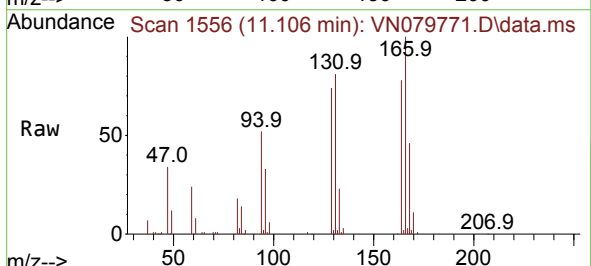
Ion Ratio Lower Upper

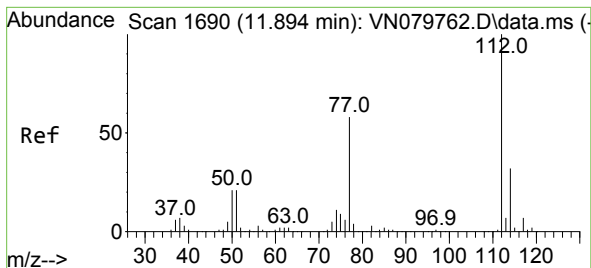
164 100

166 127.9 101.4 152.0

129 95.2 82.4 123.6

131 104.1 78.2 117.4





#65

Chlorobenzene

Concen: 18.806 ug/l

RT: 11.894 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

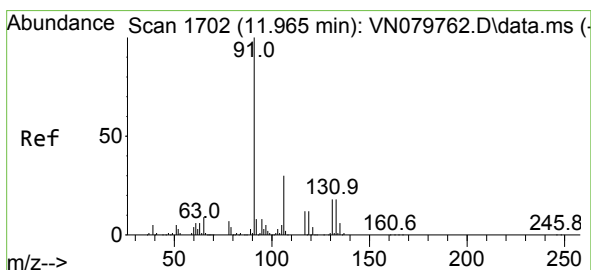
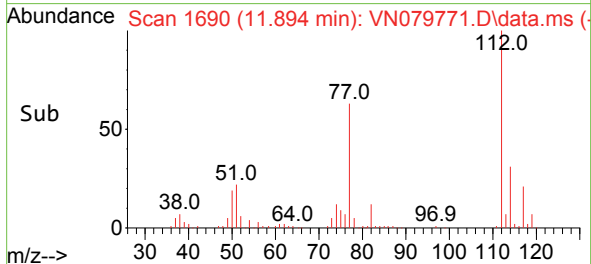
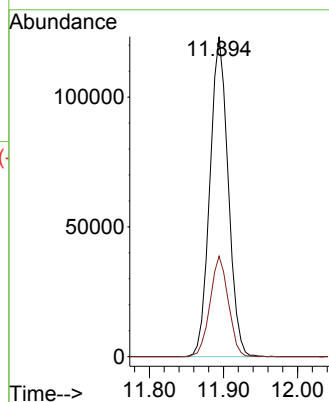
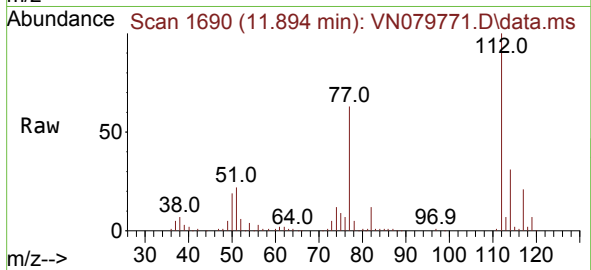
ClientSampleId :

Tgt Ion:112 Resp: 211140

Ion Ratio Lower Upper

112 100

114 31.4 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 18.673 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

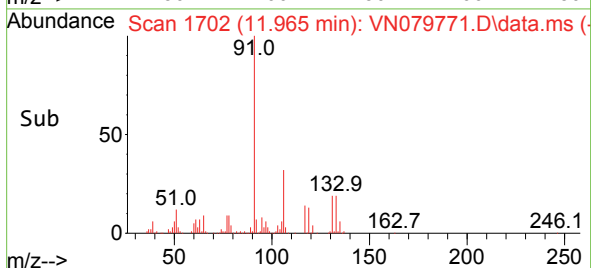
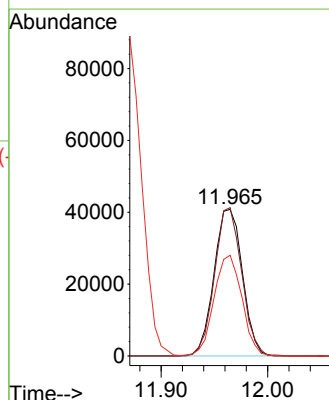
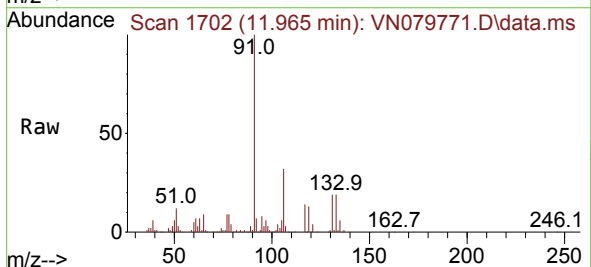
Tgt Ion:131 Resp: 75534

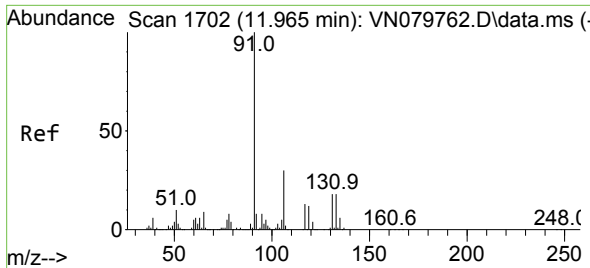
Ion Ratio Lower Upper

131 100

133 96.7 46.4 139.1

119 67.5 34.1 102.2

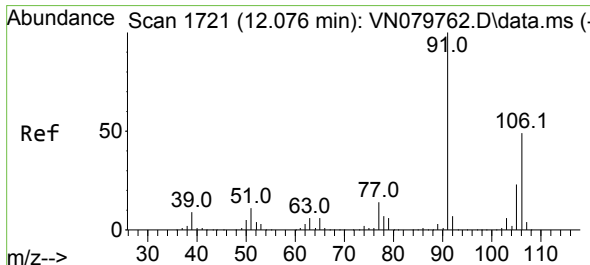
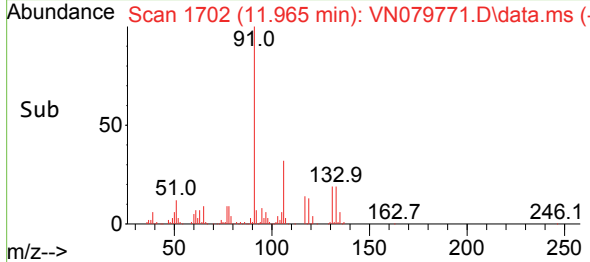
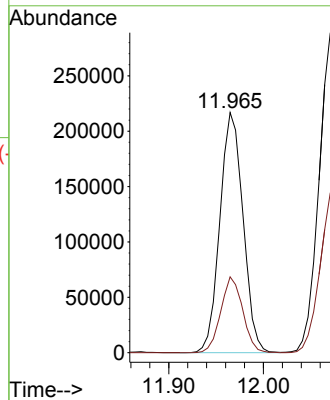
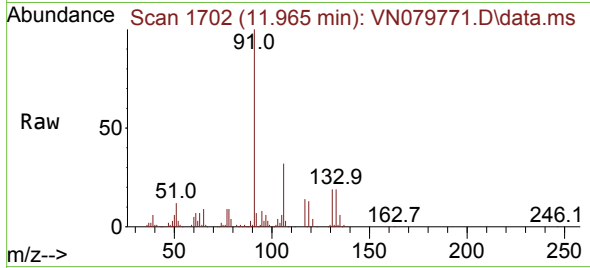




#67
Ethyl Benzene
Concen: 18.867 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

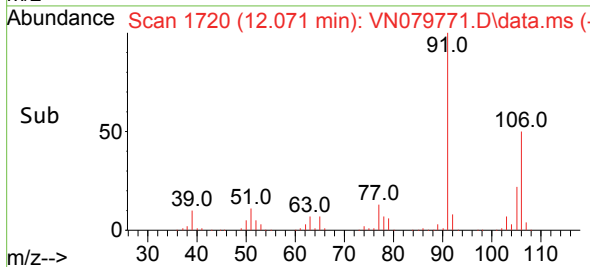
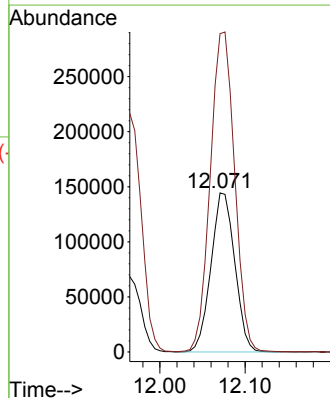
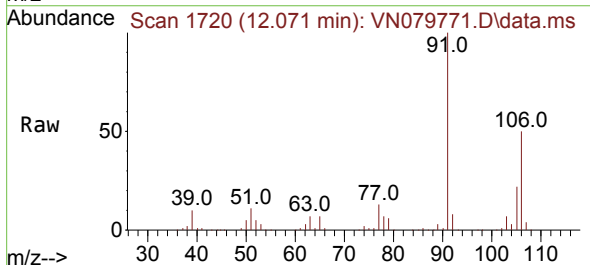
Instrument :
MSVOA_N
ClientSampleId :

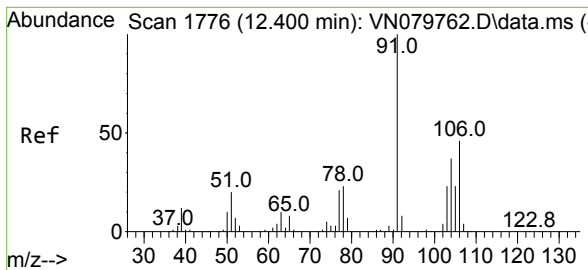
Tgt Ion: 91 Resp: 369038
Ion Ratio Lower Upper
91 100
106 31.6 25.6 38.4



#68
m/p-Xylenes
Concen: 38.482 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion:106 Resp: 280404
Ion Ratio Lower Upper
106 100
91 205.5 159.6 239.4

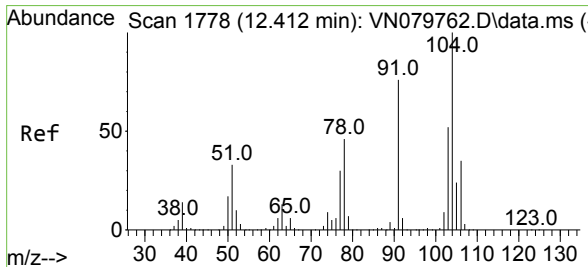
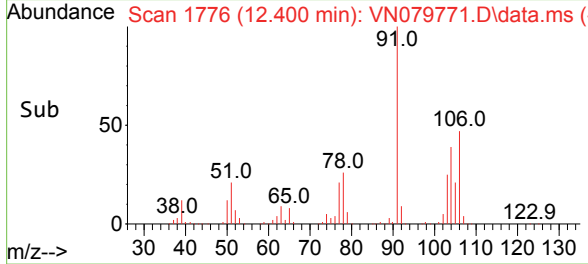
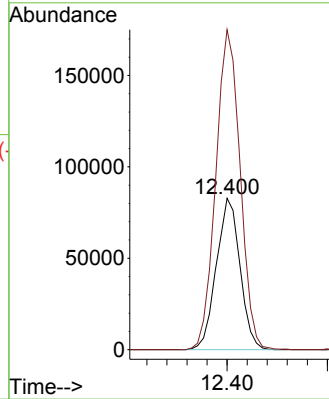
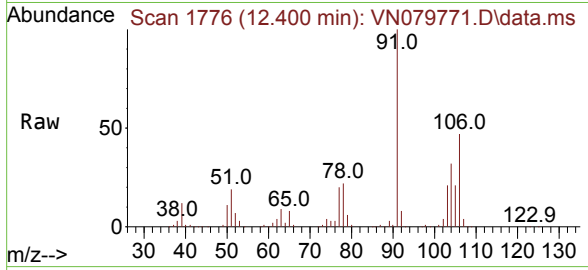




#69
o-Xylene
Concen: 19.322 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

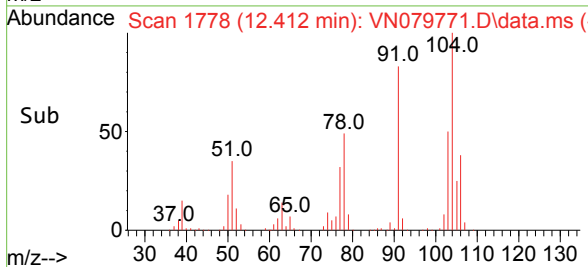
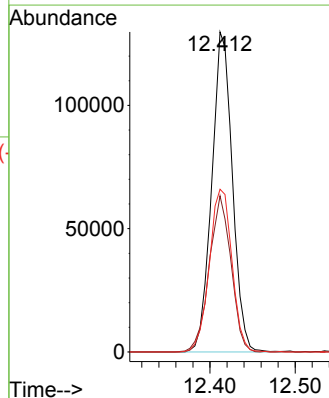
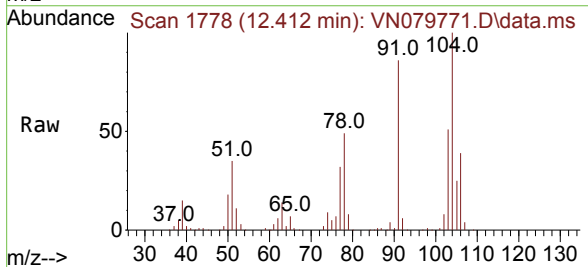
Instrument :
MSVOA_N
ClientSampleId :

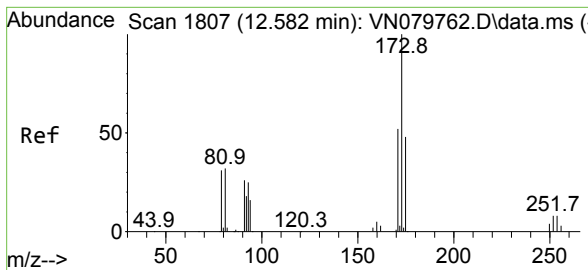
Tgt Ion:106 Resp: 135577
Ion Ratio Lower Upper
106 100
91 217.4 105.2 315.5



#70
Styrene
Concen: 19.415 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion:104 Resp: 218925
Ion Ratio Lower Upper
104 100
78 51.4 39.5 59.3
103 55.6 43.2 64.8

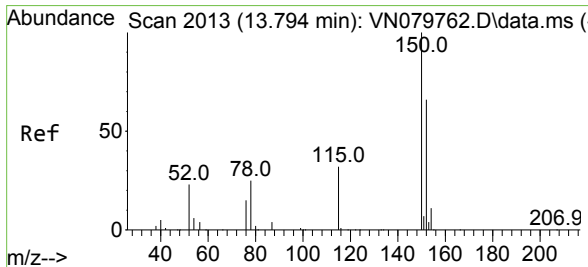
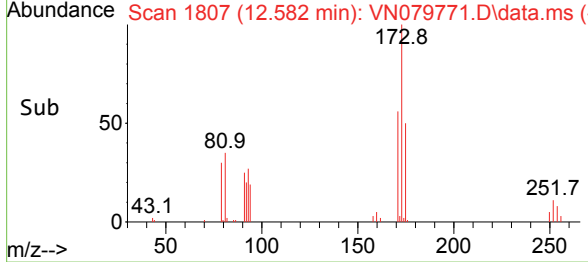
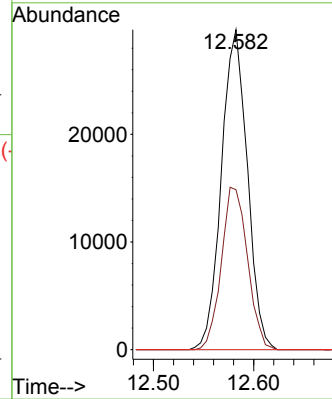
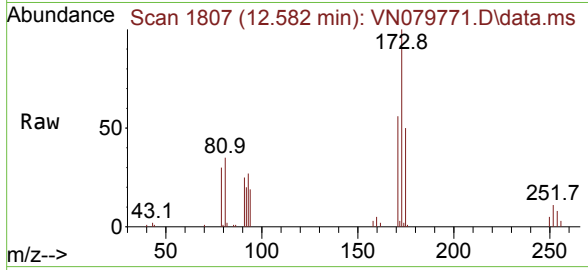




#71
Bromoform
Concen: 18.558 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

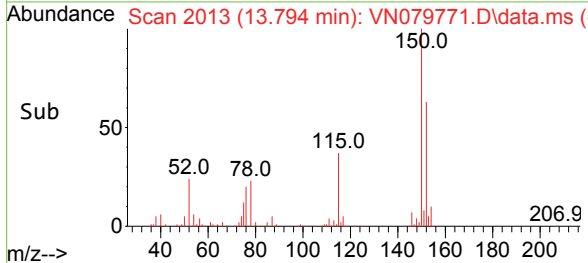
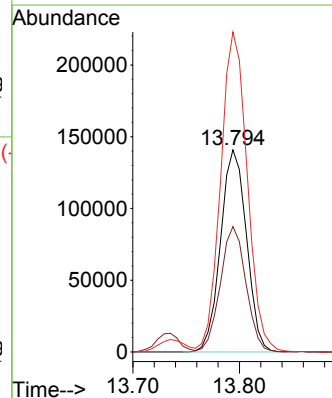
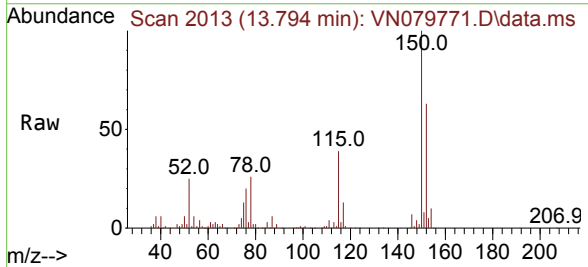
Instrument :
MSVOA_N
ClientSampleId :

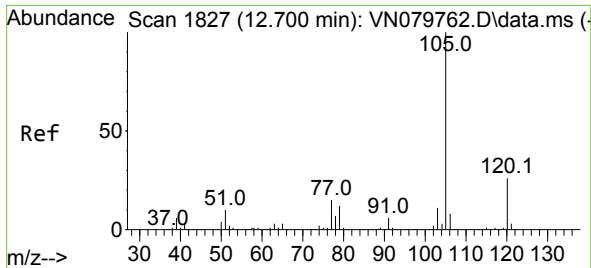
Tgt Ion:173 Resp: 53303
Ion Ratio Lower Upper
173 100
175 51.3 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion:152 Resp: 237895
Ion Ratio Lower Upper
152 100
115 61.3 32.3 96.8
150 162.3 0.0 355.8

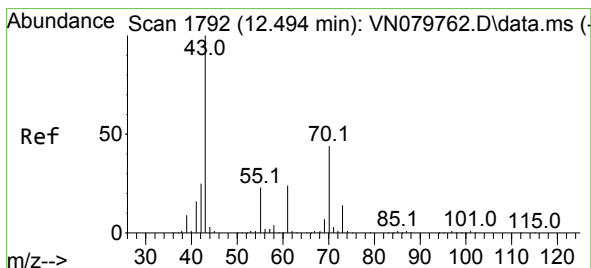
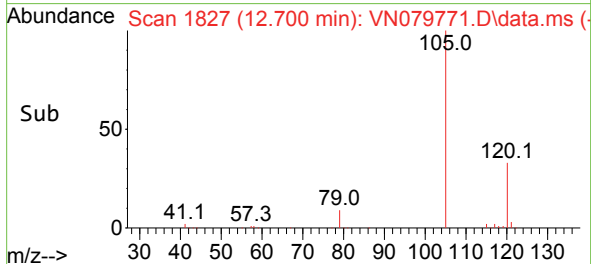
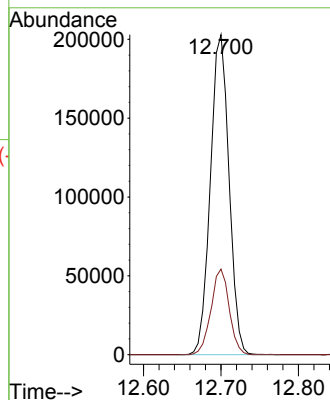
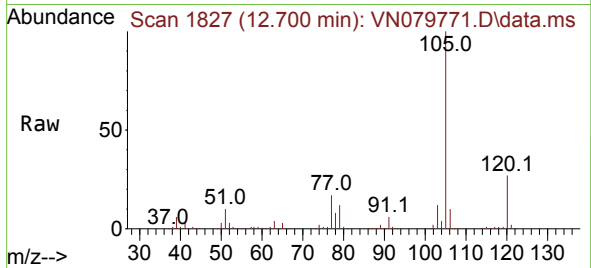




#73
Isopropylbenzene
Concen: 18.775 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

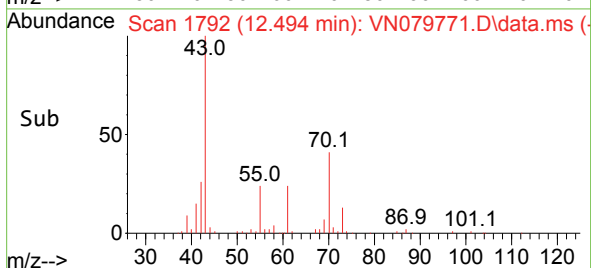
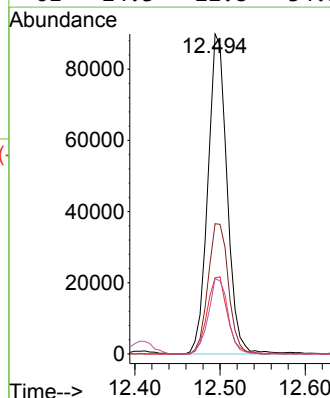
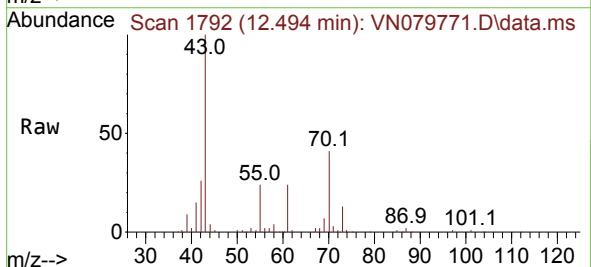
Instrument :
MSVOA_N
ClientSampleId :

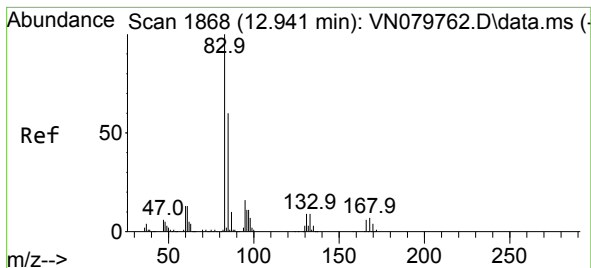
Tgt Ion:105 Resp: 338973
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 17.811 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 43 Resp: 140362
Ion Ratio Lower Upper
43 100
70 43.4 43.4 65.2#
55 25.5 21.4 32.0
61 24.3 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.075 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

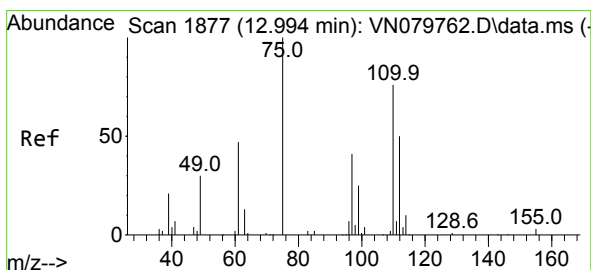
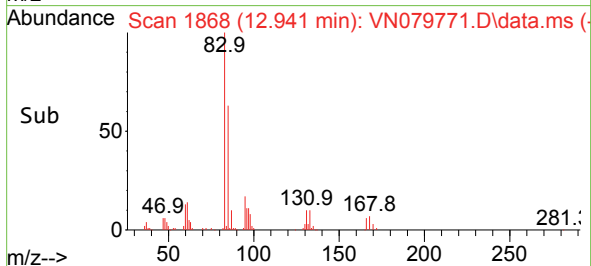
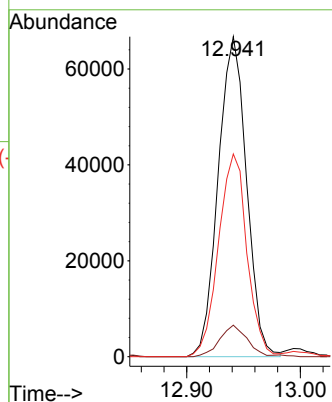
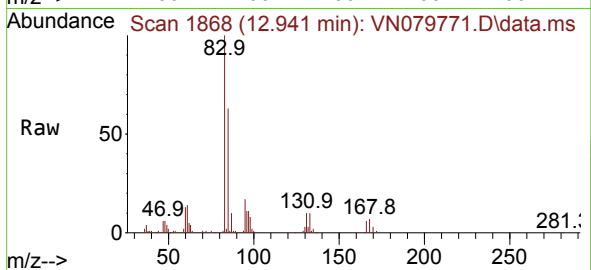
Tgt Ion: 83 Resp: 115705

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

85 63.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 24.754 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN079771.D

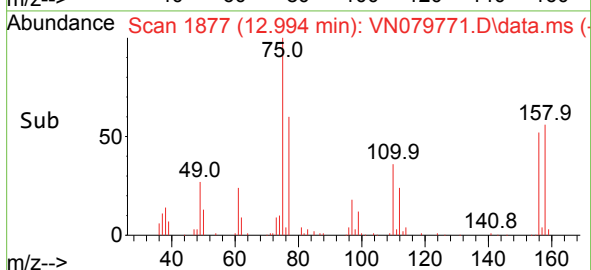
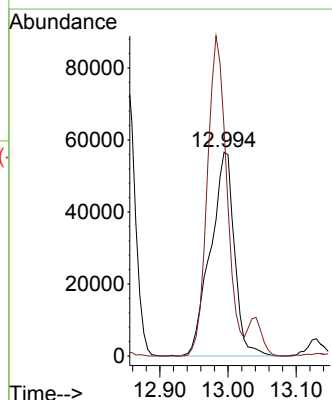
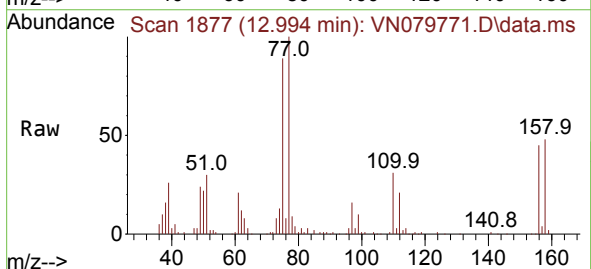
Acq: 01 Nov 2023 14:57

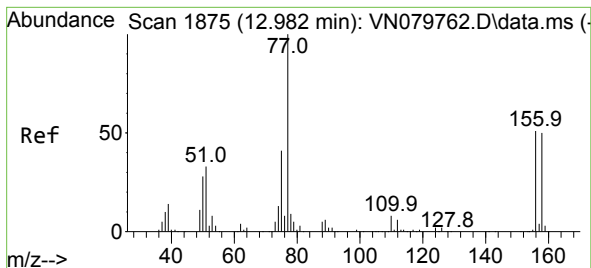
Tgt Ion: 75 Resp: 138253

Ion Ratio Lower Upper

75 100

77 128.1 84.5 253.5





#77

Bromobenzene

Concen: 18.211 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

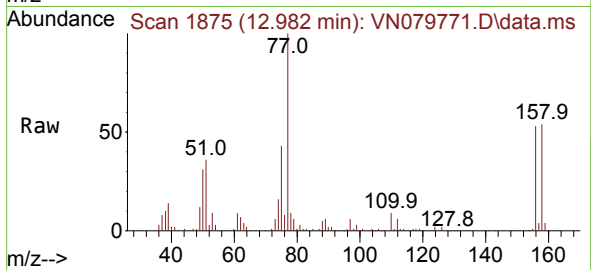
Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :



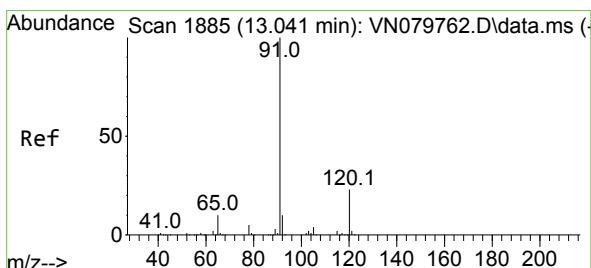
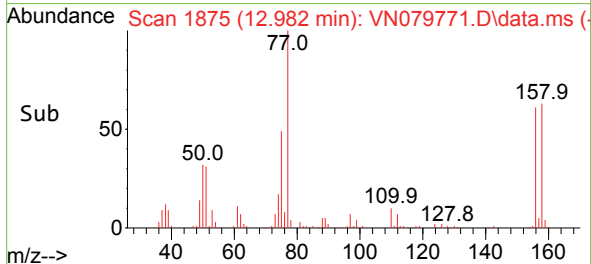
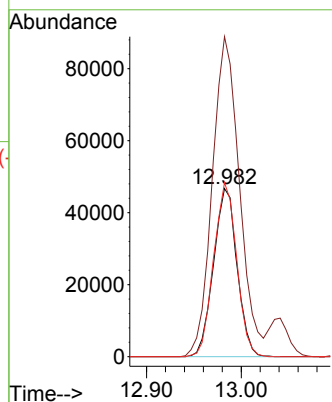
Tgt Ion:156 Resp: 80497

Ion Ratio Lower Upper

156 100

77 219.9 107.7 323.3

158 101.4 48.4 145.3



#78

n-propylbenzene

Concen: 19.581 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079771.D

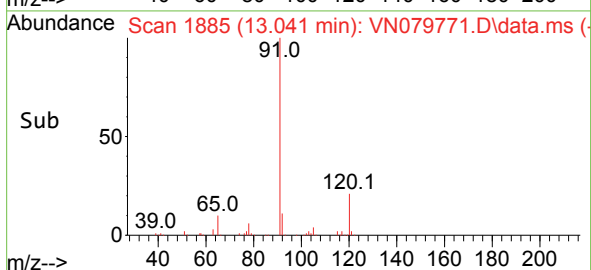
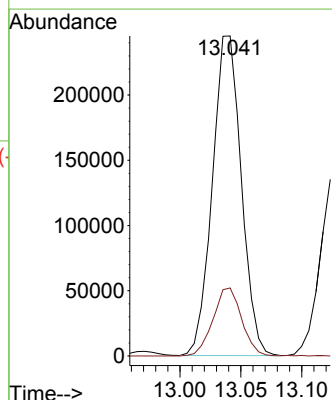
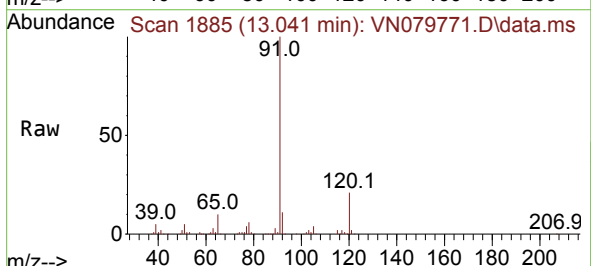
Acq: 01 Nov 2023 14:57

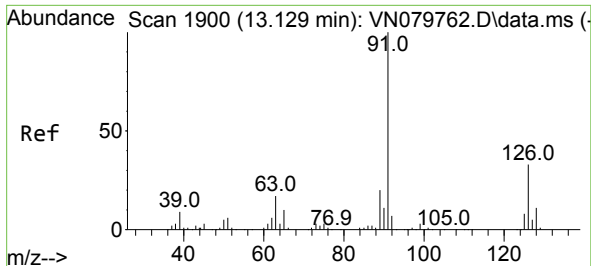
Tgt Ion: 91 Resp: 404852

Ion Ratio Lower Upper

91 100

120 21.0 11.5 34.4

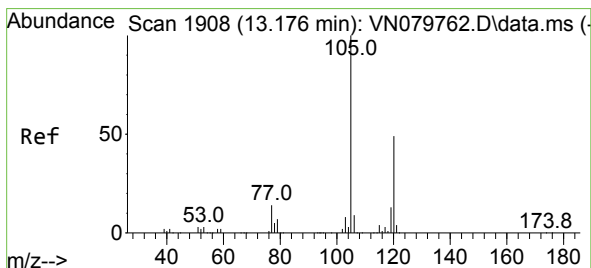
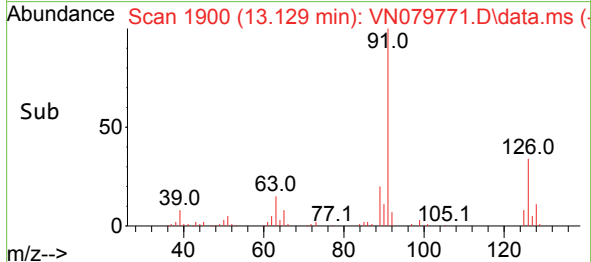
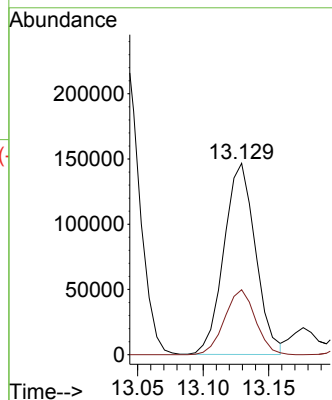
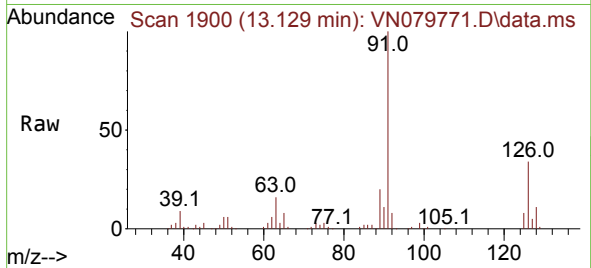




#79
2-Chlorotoluene
Concen: 18.595 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

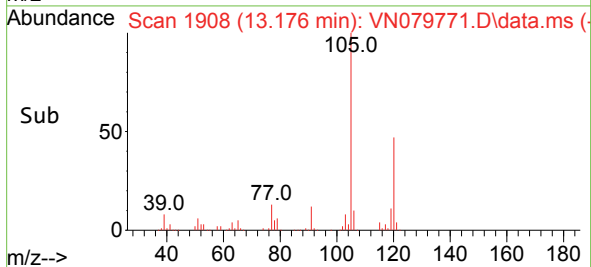
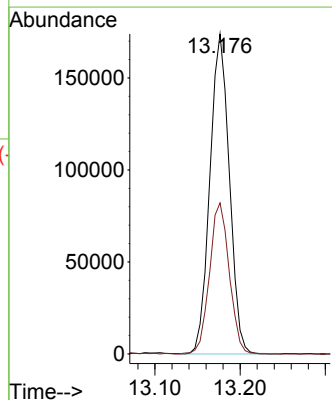
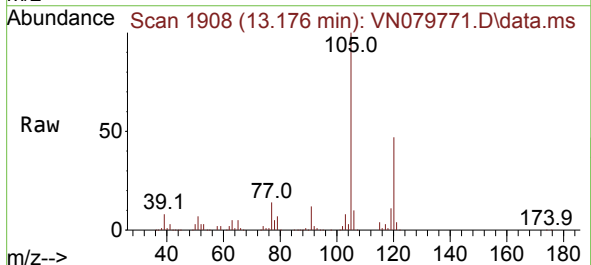
Instrument :
MSVOA_N
ClientSampleId :

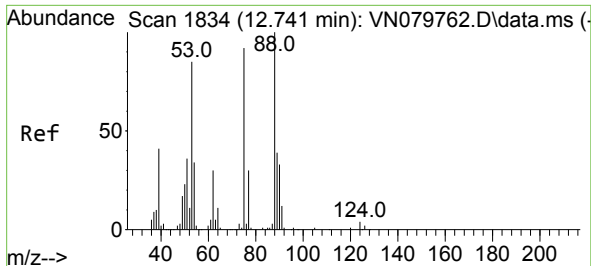
Tgt Ion: 91 Resp: 245602
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 19.636 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 105 Resp: 275831
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3

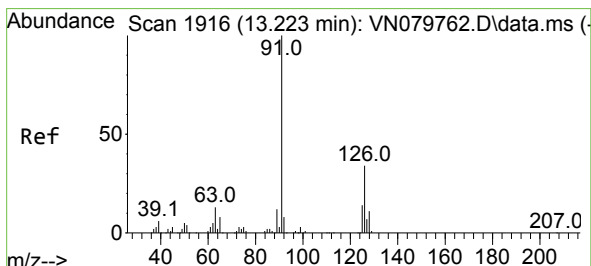
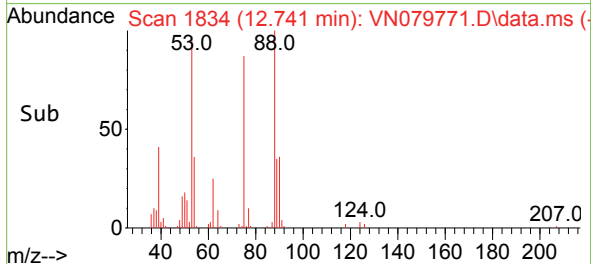
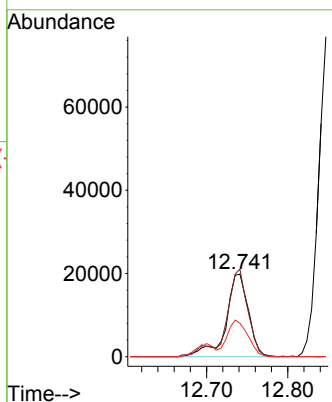
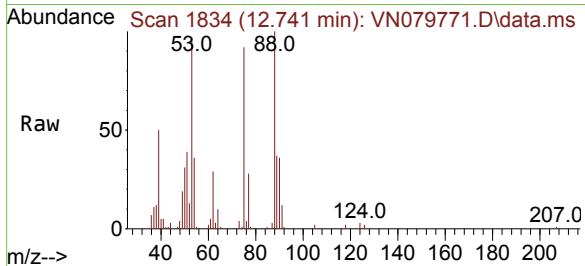




#81
trans-1,4-Dichloro-2-butene
Concen: 18.479 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

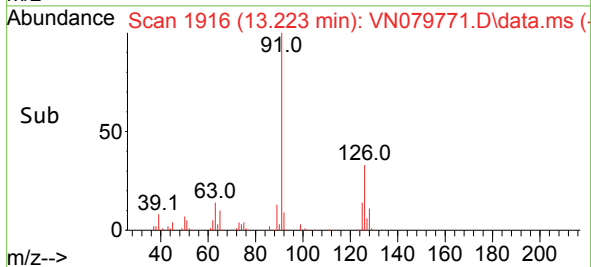
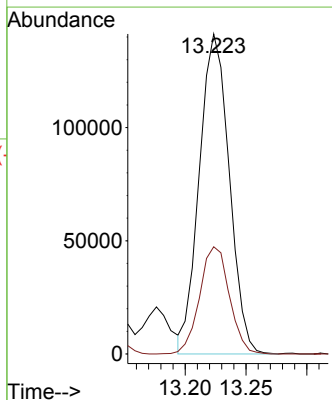
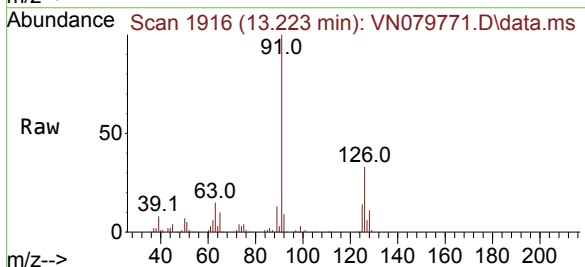
Instrument :
MSVOA_N
ClientSampleId :

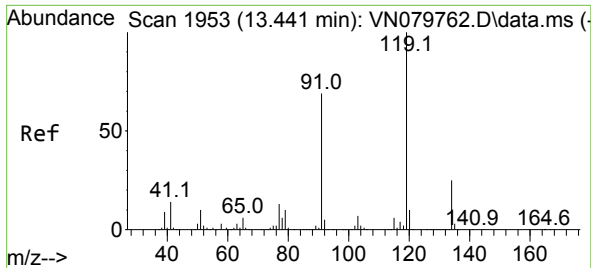
Tgt Ion: 75 Resp: 37932
Ion Ratio Lower Upper
75 100
53 90.3 67.4 101.2
89 41.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.432 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 91 Resp: 241918
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0

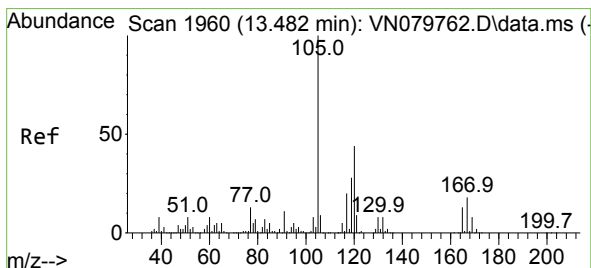
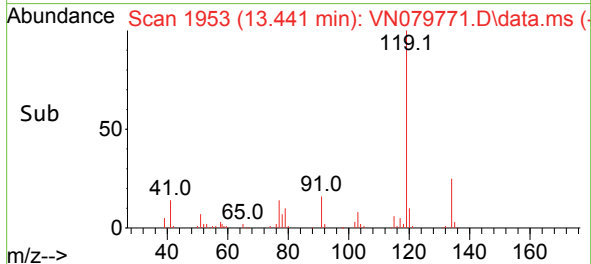
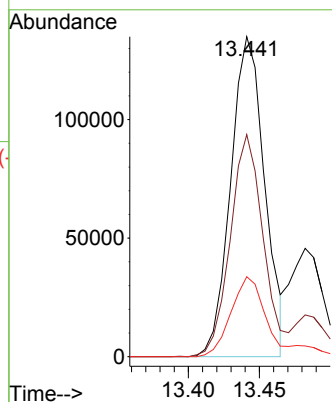
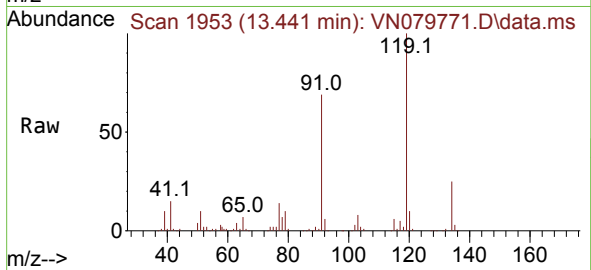




#83
tert-Butylbenzene
Concen: 19.549 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

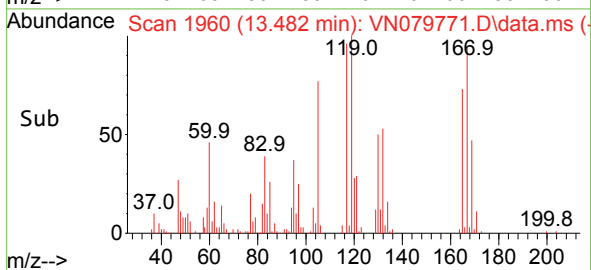
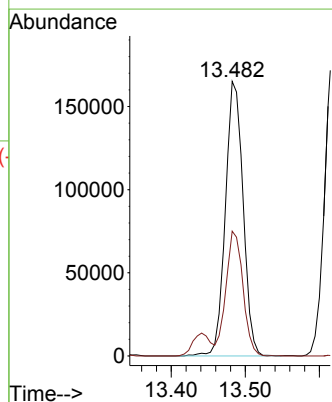
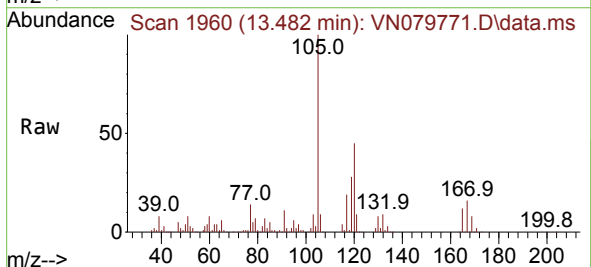
Instrument :
MSVOA_N
ClientSampleId :

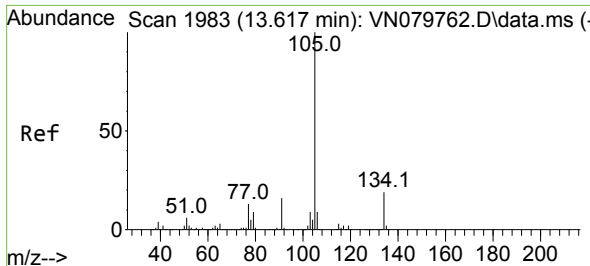
Tgt Ion:119 Resp: 224779
Ion Ratio Lower Upper
119 100
91 67.8 33.9 101.7
134 25.0 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 19.809 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion:105 Resp: 273768
Ion Ratio Lower Upper
105 100
120 43.7 22.0 66.0

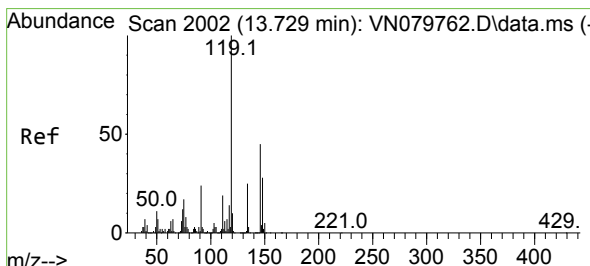
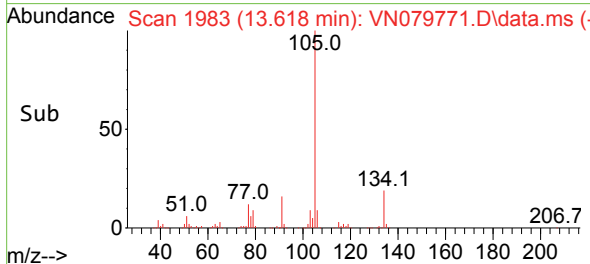
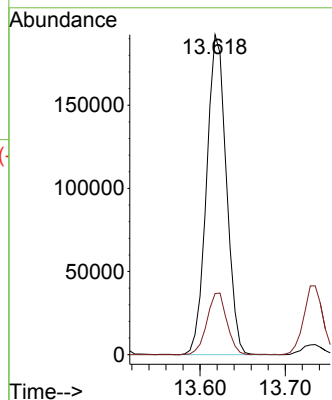
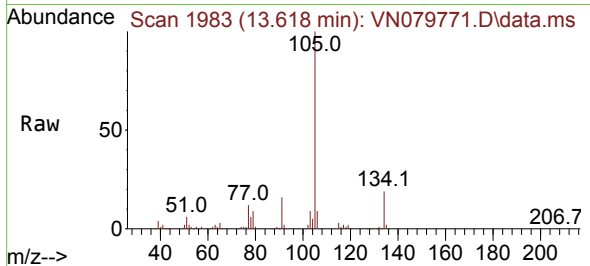




#85
 sec-Butylbenzene
 Concen: 19.487 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079771.D
 Acq: 01 Nov 2023 14:57

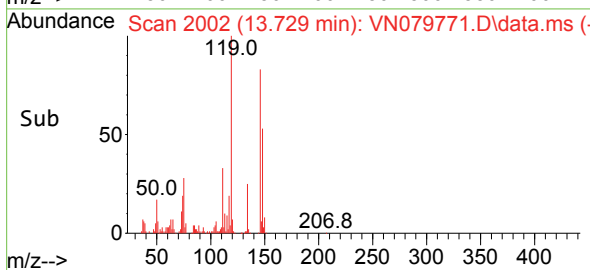
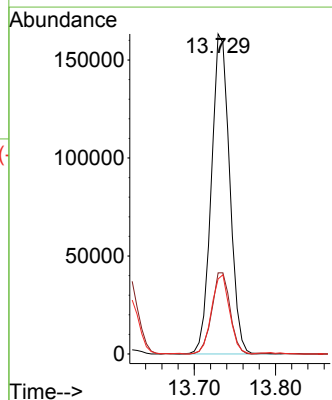
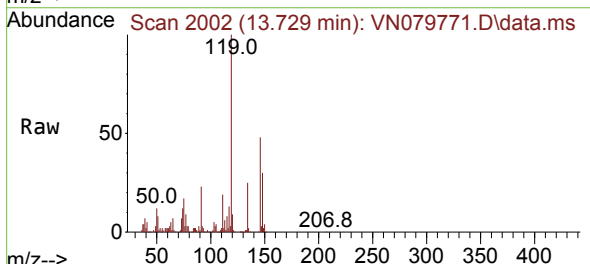
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:105 Resp: 310445
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 19.679 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN079771.D
 Acq: 01 Nov 2023 14:57

Tgt Ion:119 Resp: 255595
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.4 12.4 37.2

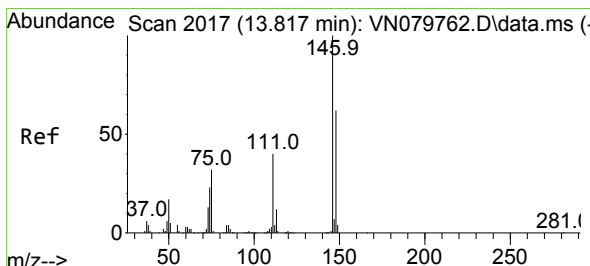
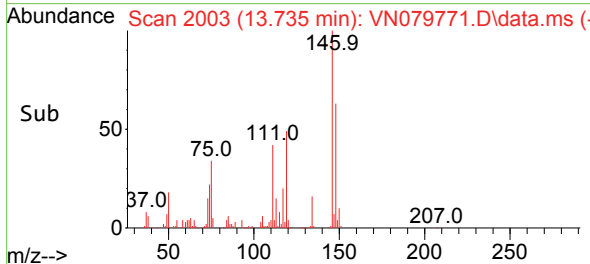
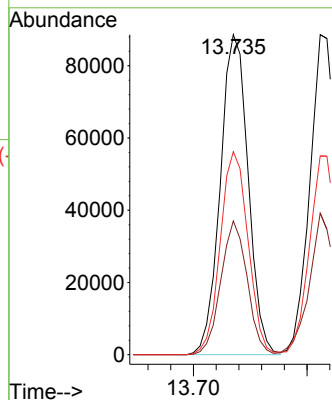
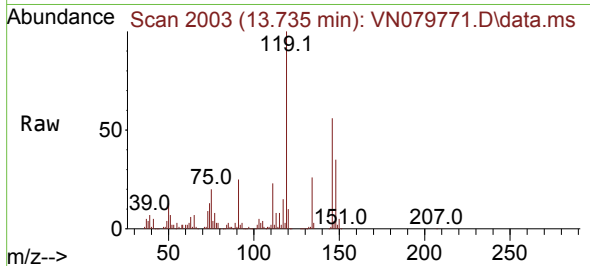




#87
1,3-Dichlorobenzene
Concen: 18.374 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

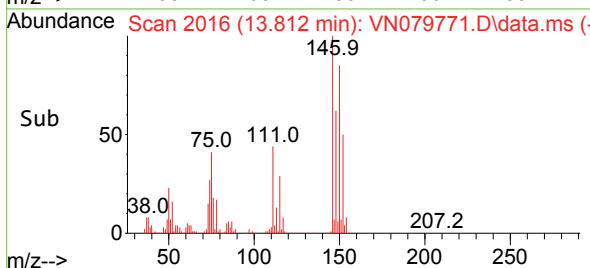
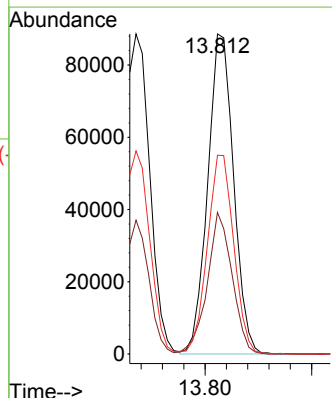
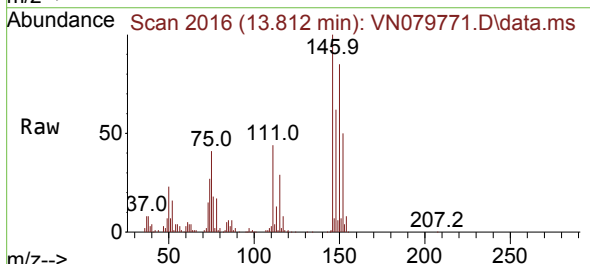
Instrument :
MSVOA_N
ClientSampleId :

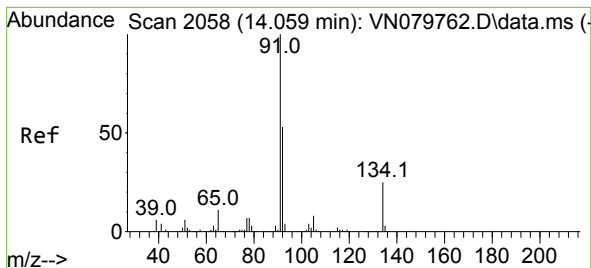
Tgt Ion:146 Resp: 151091
Ion Ratio Lower Upper
146 100
111 39.5 22.1 66.3
148 63.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 17.923 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion:146 Resp: 149595
Ion Ratio Lower Upper
146 100
111 42.5 20.6 61.8
148 63.5 31.6 94.8





#89

n-Butylbenzene

Concen: 19.255 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

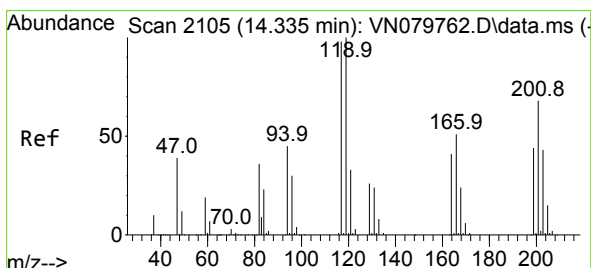
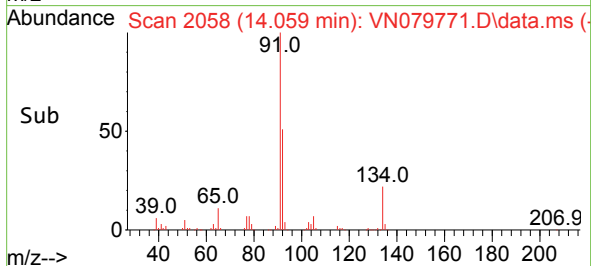
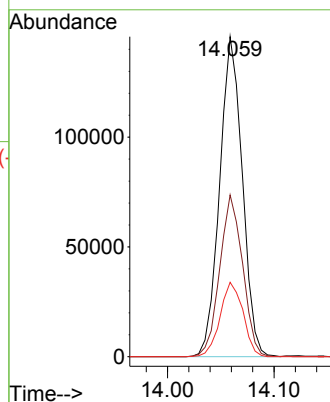
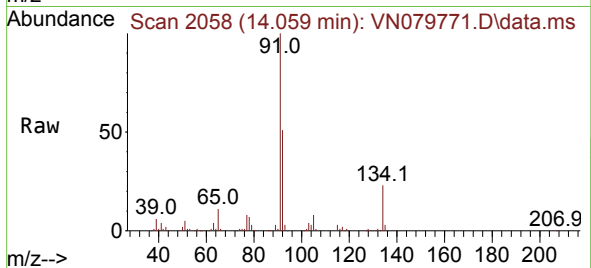
Tgt Ion: 91 Resp: 215395

Ion Ratio Lower Upper

91 100

92 51.0 26.4 79.0

134 23.6 12.6 37.6



#90

Hexachloroethane

Concen: 18.498 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079771.D

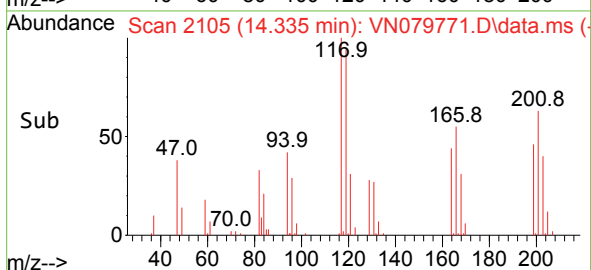
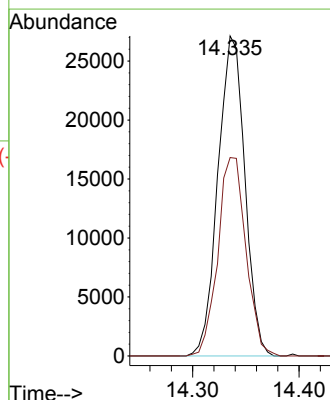
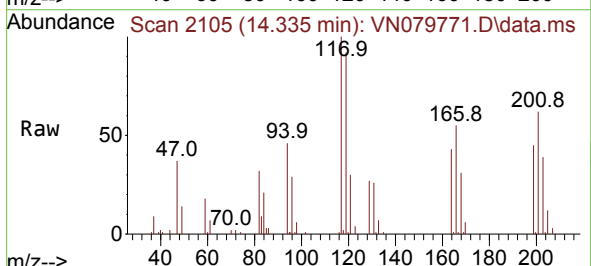
Acq: 01 Nov 2023 14:57

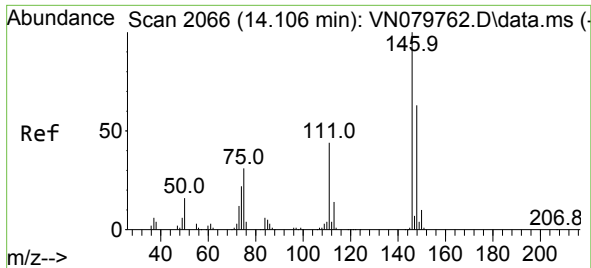
Tgt Ion: 117 Resp: 47581

Ion Ratio Lower Upper

117 100

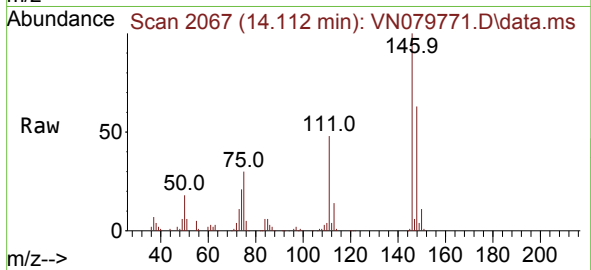
201 64.7 29.3 88.0



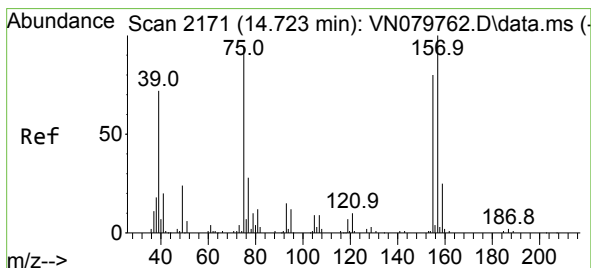
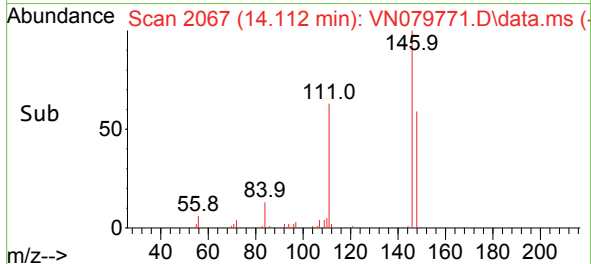
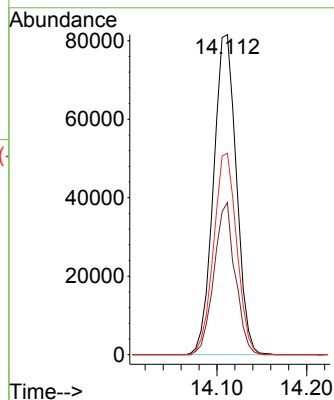


#91
1,2-Dichlorobenzene
Concen: 18.619 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Instrument :
MSVOA_N
ClientSampleId :

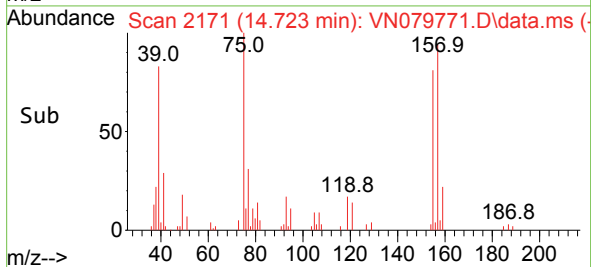
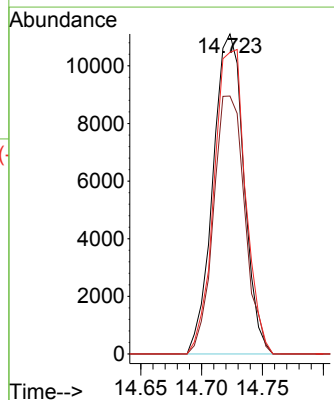
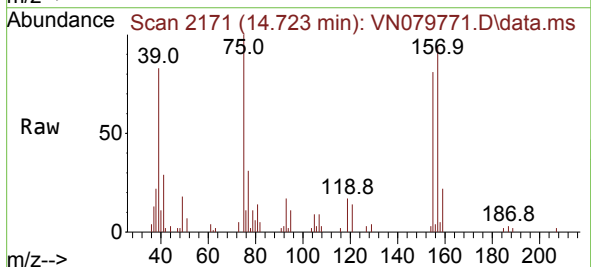


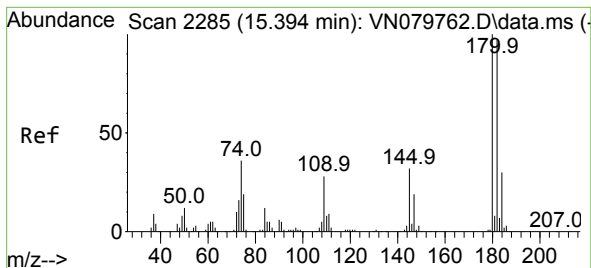
Tgt Ion:146 Resp: 144529
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 63.6 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.041 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079771.D
Acq: 01 Nov 2023 14:57

Tgt Ion: 75 Resp: 19585
Ion Ratio Lower Upper
75 100
155 81.6 39.1 117.2
157 96.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.545 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

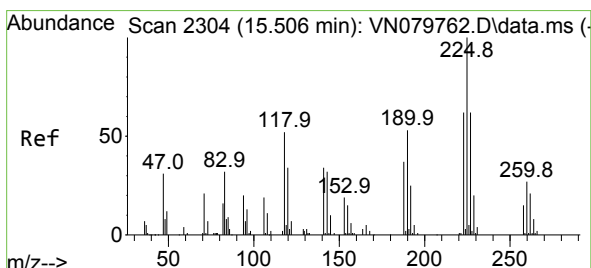
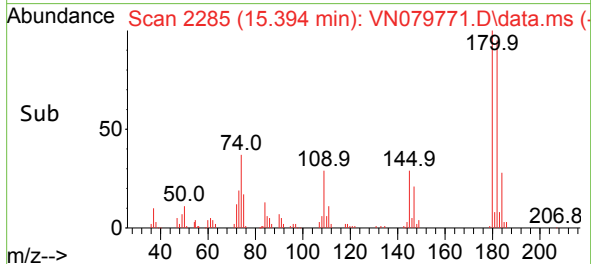
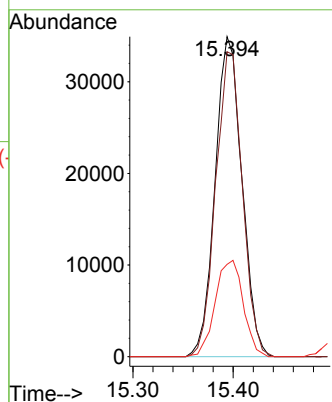
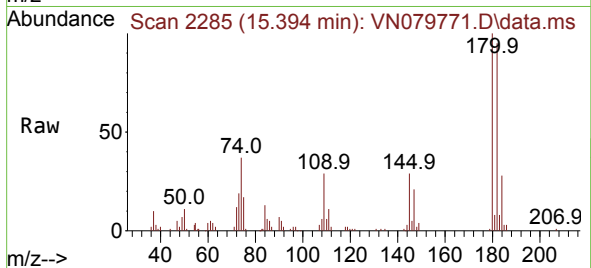
Tgt Ion:180 Resp: 64758

Ion Ratio Lower Upper

180 100

182 94.6 46.1 138.2

145 31.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 17.698 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

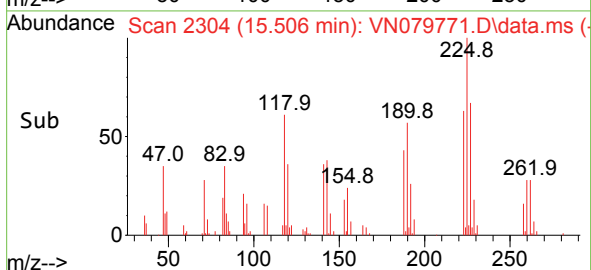
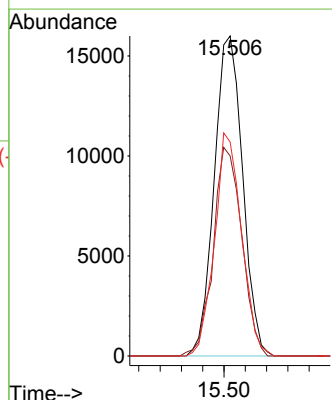
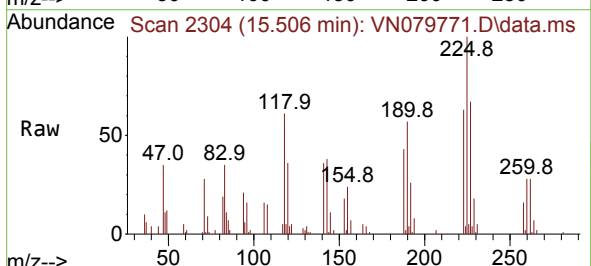
Tgt Ion:225 Resp: 29613

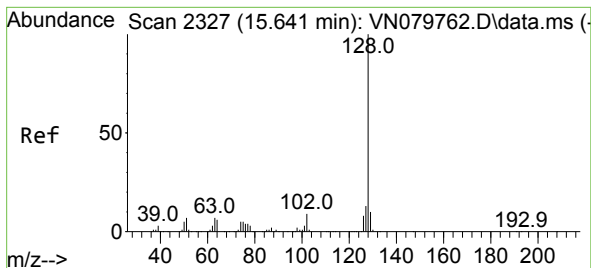
Ion Ratio Lower Upper

225 100

223 65.3 31.3 93.8

227 66.2 31.9 95.9





#95

Naphthalene

Concen: 16.700 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Instrument :

MSVOA_N

ClientSampleId :

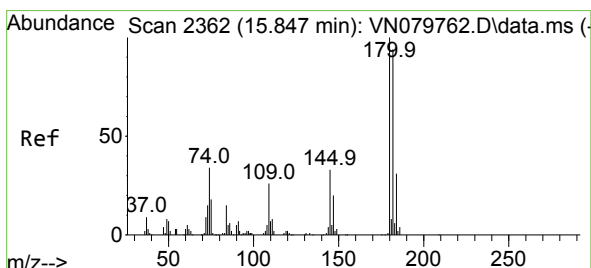
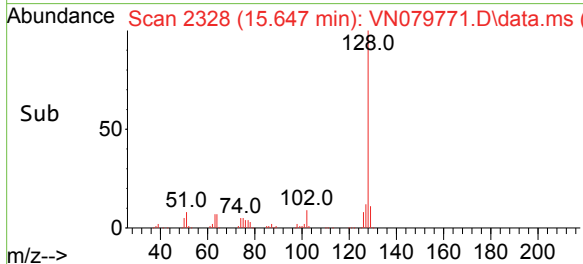
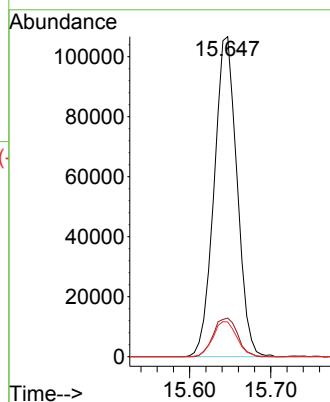
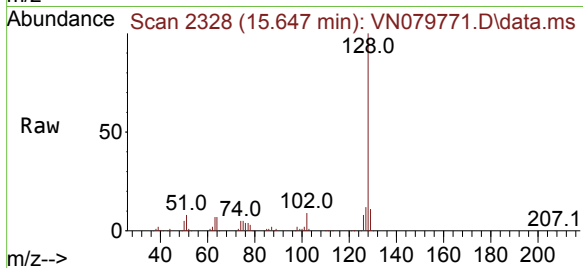
Tgt Ion:128 Resp: 209040

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 11.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.307 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079771.D

Acq: 01 Nov 2023 14:57

Tgt Ion:180 Resp: 66234

Ion Ratio Lower Upper

180 100

182 94.3 46.2 138.6

145 32.2 17.5 52.6

