

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077234.D
 Acq On : 28 Mar 2023 14:05
 Operator : JC\MD
 Sample : VN0328WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

Quant Time: Mar 29 01:13:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	246365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	438549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	388547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	167867	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	177496	46.079	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.160%
35) Dibromofluoromethane	8.166	113	123822	41.610	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	83.220%
50) Toluene-d8	10.566	98	487112	43.686	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.380%
62) 4-Bromofluorobenzene	12.854	95	152280	41.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	51264	19.947	ug/l	93
3) Chloromethane	2.378	50	78068	21.654	ug/l	93
4) Vinyl Chloride	2.531	62	117127	28.762	ug/l	95
5) Bromomethane	2.960	94	103071	31.709	ug/l	93
6) Chloroethane	3.131	64	107646	30.490	ug/l	88
7) Trichlorofluoromethane	3.507	101	105156	16.840	ug/l	97
8) Diethyl Ether	3.972	74	37949	18.464	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.378	101	55608	20.807	ug/l	94
10) Methyl Iodide	4.607	142	58518	19.407	ug/l	91
11) Tert butyl alcohol	5.537	59	52068	99.179	ug/l #	93
12) 1,1-Dichloroethene	4.348	96	49658	19.535	ug/l #	92
13) Acrolein	4.196	56	64484	87.574	ug/l	94
14) Allyl chloride	5.037	41	88507	18.532	ug/l #	87
15) Acrylonitrile	5.731	53	156974	95.911	ug/l	97
16) Acetone	4.443	43	164673	114.973	ug/l	92
17) Carbon Disulfide	4.725	76	134011	18.840	ug/l #	93
18) Methyl Acetate	5.037	43	117068	20.430	ug/l #	77
19) Methyl tert-butyl Ether	5.801	73	183531	20.311	ug/l	98
20) Methylene Chloride	5.295	84	61619	19.320	ug/l #	74
21) trans-1,2-Dichloroethene	5.801	96	52518	18.826	ug/l #	74
22) Diisopropyl ether	6.684	45	213518	20.742	ug/l #	87
23) Vinyl Acetate	6.613	43	708935	106.727	ug/l #	86
24) 1,1-Dichloroethane	6.578	63	112865	19.611	ug/l	96
25) 2-Butanone	7.489	43	231757	103.486	ug/l #	81
26) 2,2-Dichloropropane	7.495	77	87142	21.957	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	64808	20.140	ug/l	85
28) Bromochloromethane	7.819	49	64408	21.947	ug/l #	69
29) Tetrahydrofuran	7.842	42	149808	100.979	ug/l #	72
30) Chloroform	7.966	83	112995	19.934	ug/l	91
31) Cyclohexane	8.260	56	103484	19.339	ug/l	87
32) 1,1,1-Trichloroethane	8.178	97	96811	19.893	ug/l	94
36) 1,1-Dichloropropene	8.372	75	81141	19.592	ug/l	95
37) Ethyl Acetate	7.566	43	95868	20.767	ug/l #	85
38) Carbon Tetrachloride	8.366	117	80998	19.289	ug/l	92
39) Methylcyclohexane	9.601	83	100198	20.714	ug/l #	79
40) Benzene	8.613	78	245012	19.303	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	51378	20.363	ug/l #	79
42) 1,2-Dichloroethane	8.672	62	101540	21.217	ug/l	91
43) Isopropyl Acetate	8.689	43	158980	21.346	ug/l #	86
44) Trichloroethene	9.354	130	57573	19.797	ug/l	93
45) 1,2-Dichloropropane	9.625	63	66613	19.733	ug/l	93
46) Dibromomethane	9.707	93	44606	20.218	ug/l	97
47) Bromodichloromethane	9.889	83	92063	20.981	ug/l	90
48) Methyl methacrylate	9.683	41	74981	20.907	ug/l #	74
49) 1,4-Dioxane	9.701	88	25656	419.620	ug/l #	83
51) 4-Methyl-2-Pentanone	10.448	43	492018	104.997	ug/l #	84
52) Toluene	10.630	92	155900	20.140	ug/l	98
53) t-1,3-Dichloropropene	10.842	75	91073	20.453	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	100133	20.549	ug/l #	76
55) 1,1,2-Trichloroethane	11.019	97	60000	19.745	ug/l #	92
56) Ethyl methacrylate	10.877	69	90238	20.117	ug/l #	53
57) 1,3-Dichloropropane	11.166	76	111305	20.546	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	156492	89.432	ug/l #	88
59) 2-Hexanone	11.201	43	353988	105.112	ug/l	81
60) Dibromochloromethane	11.360	129	64231	20.576	ug/l	94
61) 1,2-Dibromoethane	11.472	107	60501	20.034	ug/l	100
64) Tetrachloroethene	11.107	164	48057	19.939	ug/l	93
65) Chlorobenzene	11.895	112	163212	20.848	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.960	131	58523	20.463	ug/l	96
67) Ethyl Benzene	11.966	91	293024	20.575	ug/l	99
68) m/p-Xylenes	12.077	106	224817	41.503	ug/l	99
69) o-Xylene	12.401	106	109637	20.901	ug/l	97
70) Styrene	12.413	104	170140	20.080	ug/l	92
71) Bromoform	12.583	173	41257	19.475	ug/l #	99
73) Isopropylbenzene	12.695	105	274751	20.802	ug/l	97
74) N-amyl acetate	12.495	43	132204	22.971	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.936	83	89915	20.381	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	111908	32.863	ug/l	56
77) Bromobenzene	12.983	156	61645	20.274	ug/l	90
78) n-propylbenzene	13.036	91	316549	20.782	ug/l	96
79) 2-Chlorotoluene	13.130	91	189705	20.253	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	227269	20.663	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	30015	25.404	ug/l #	78
82) 4-Chlorotoluene	13.224	91	175301	19.717	ug/l	96
83) tert-Butylbenzene	13.442	119	195200	20.984	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	230735	21.347	ug/l	94
85) sec-Butylbenzene	13.618	105	281737	21.234	ug/l	95
86) p-Isopropyltoluene	13.730	119	226556	21.320	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	116080	21.152	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	112516	20.499	ug/l	98
89) n-Butylbenzene	14.060	91	181825	20.871	ug/l	96
90) Hexachloroethane	14.330	117	43236	21.834	ug/l	97
91) 1,2-Dichlorobenzene	14.113	146	112869	20.620	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	14582	18.680	ug/l	89
93) 1,2,4-Trichlorobenzene	15.395	180	41462	18.570	ug/l	98
94) Hexachlorobutadiene	15.501	225	26549	19.120	ug/l	96
95) Naphthalene	15.642	128	125352	18.203	ug/l	98
96) 1,2,3-Trichlorobenzene	15.842	180	42960	19.490	ug/l	96

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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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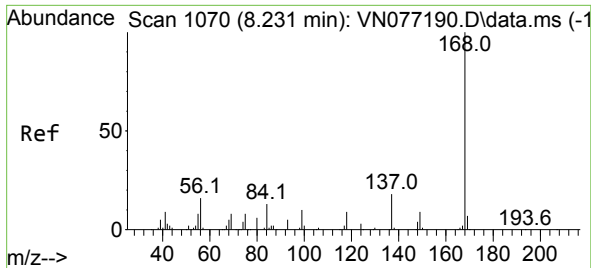
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QLast Update : Mon Mar 27 02:47:06 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

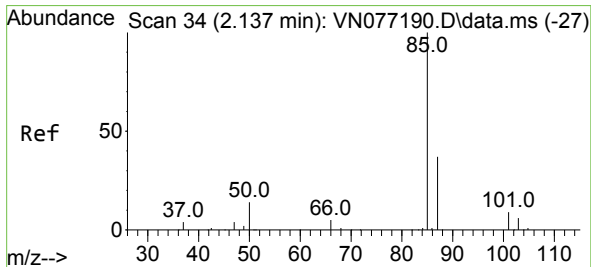
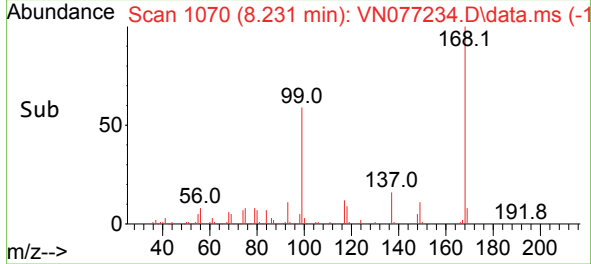
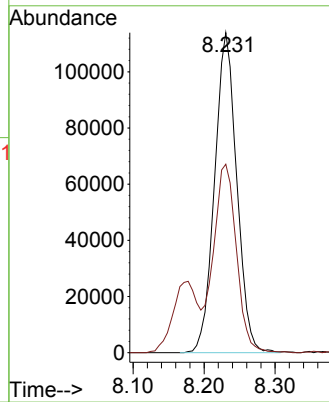
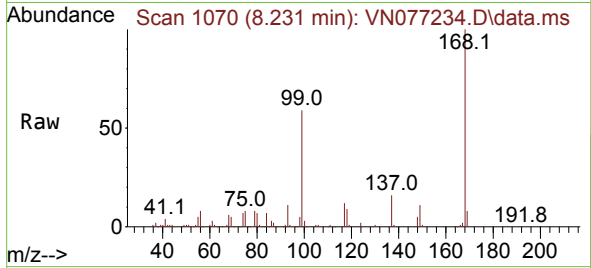
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077234.D
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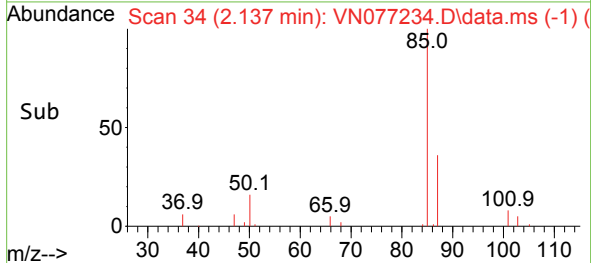
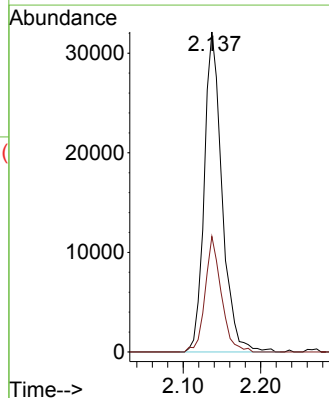
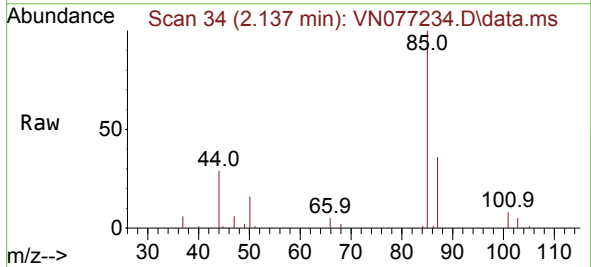
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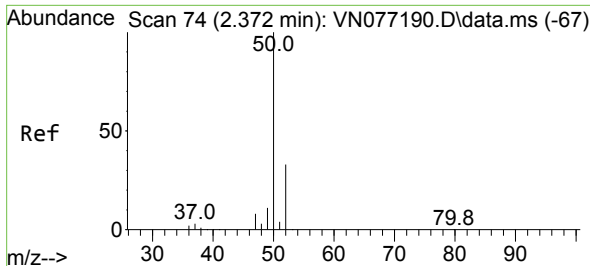
Tgt Ion:168 Resp: 246365
Ion Ratio Lower Upper
168 100
99 58.7 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 19.947 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 85 Resp: 51264
Ion Ratio Lower Upper
85 100
87 36.1 16.2 48.6

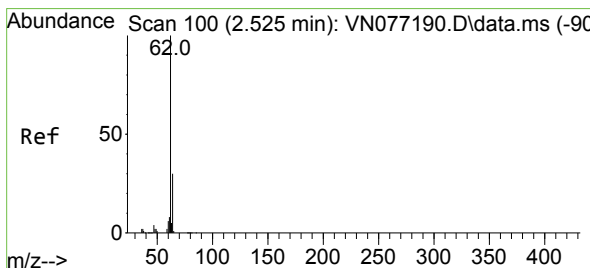
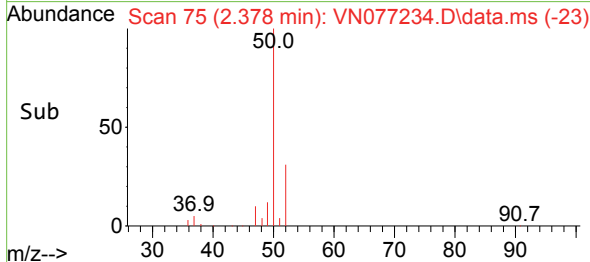
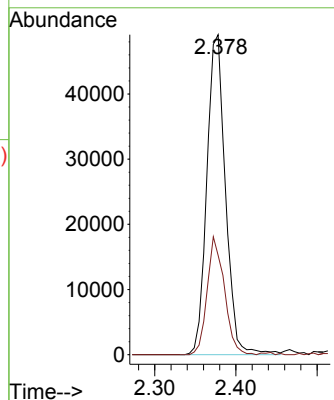
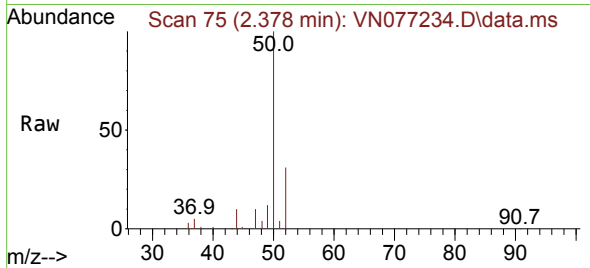




#3
Chloromethane
Concen: 21.654 ug/l
RT: 2.378 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

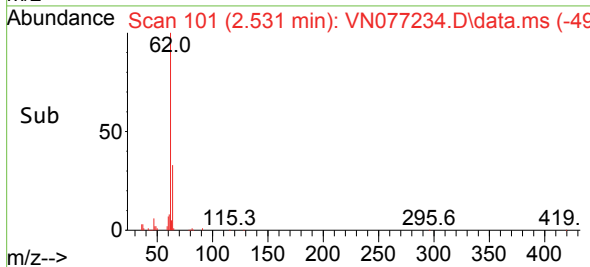
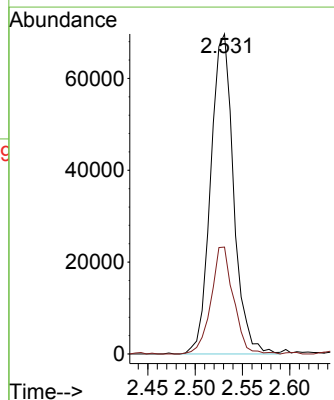
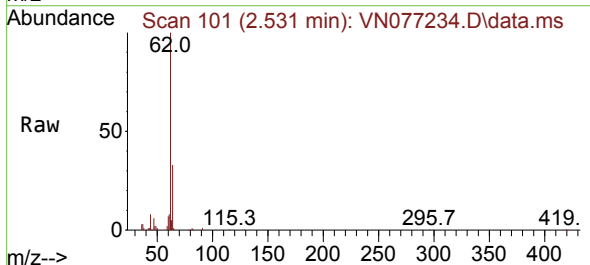
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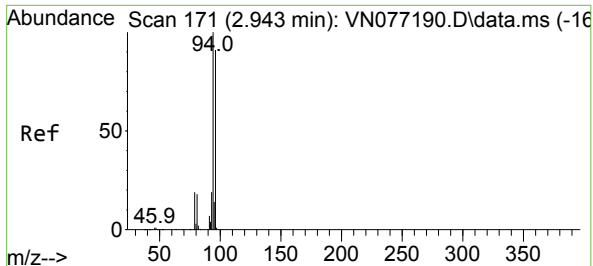
Tgt Ion: 50 Resp: 78068
Ion Ratio Lower Upper
50 100
52 31.1 27.9 41.9



#4
Vinyl Chloride
Concen: 28.762 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 62 Resp: 117127
Ion Ratio Lower Upper
62 100
64 33.4 24.5 36.7

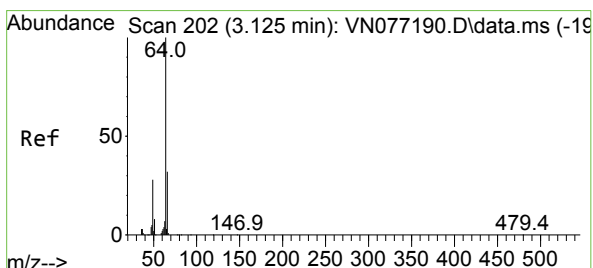
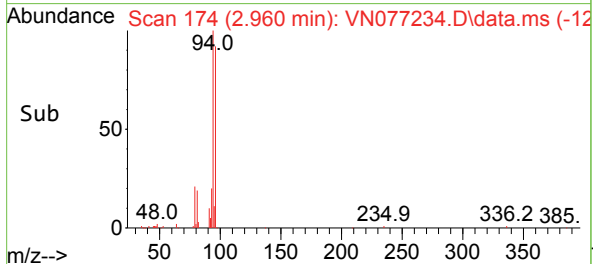
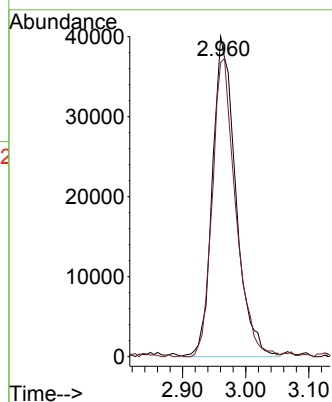
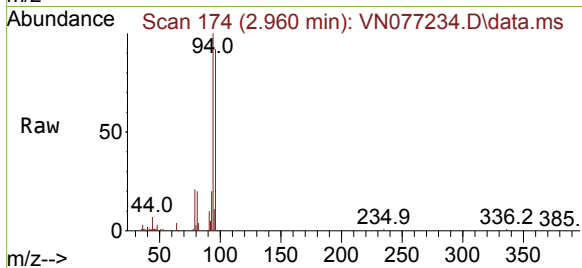




#5
Bromomethane
Concen: 31.709 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

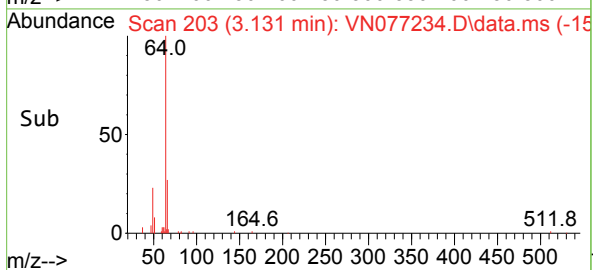
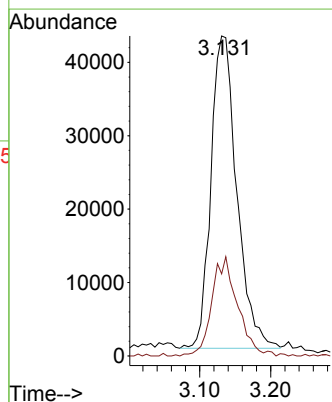
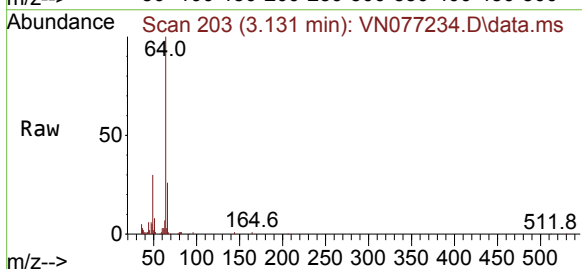
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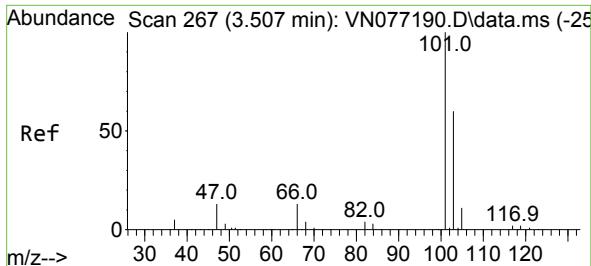
Tgt Ion: 94 Resp: 103071
Ion Ratio Lower Upper
94 100
96 91.5 79.0 118.6



#6
Chloroethane
Concen: 30.490 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 64 Resp: 107646
Ion Ratio Lower Upper
64 100
66 26.3 26.2 39.4

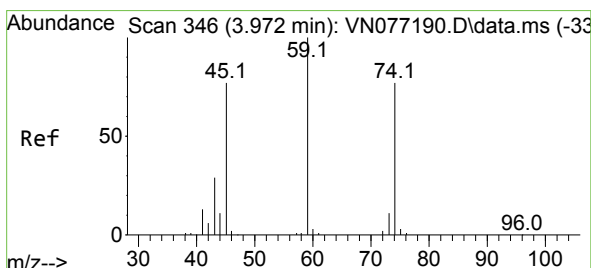
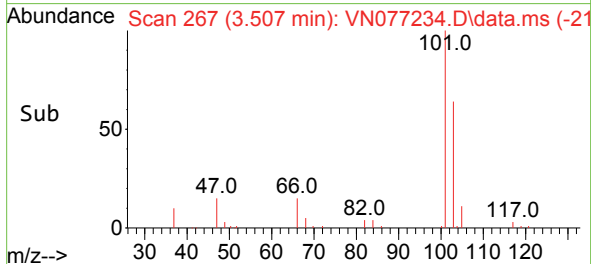
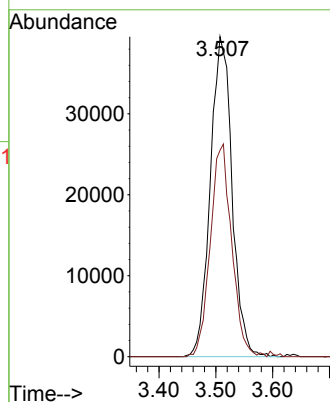
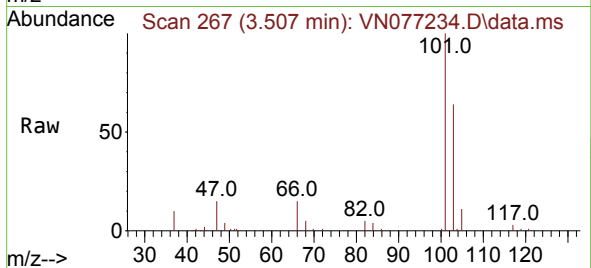




#7
 Trichlorofluoromethane
 Concen: 16.840 ug/l
 RT: 3.507 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN077234.D
 Acq: 28 Mar 2023 14:05

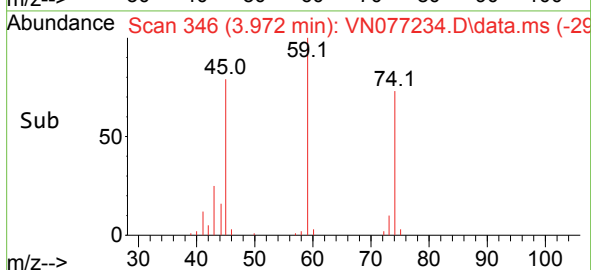
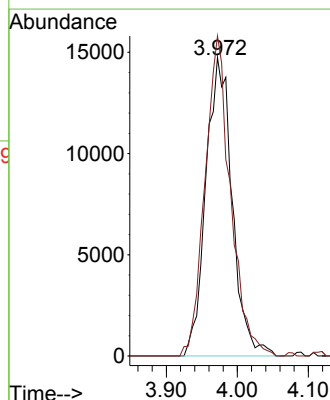
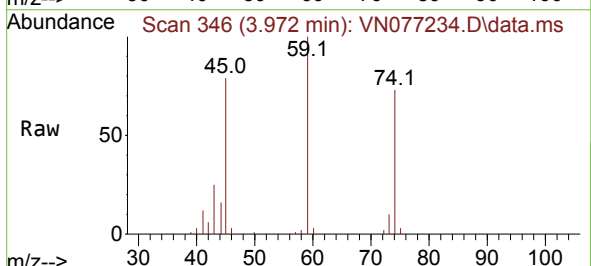
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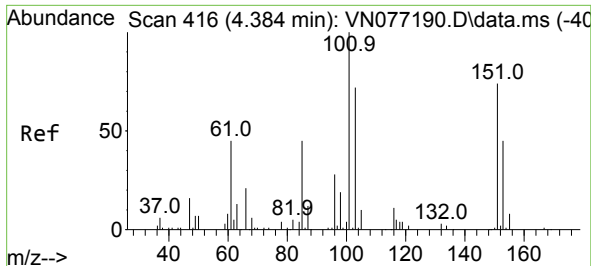
Tgt Ion:101 Resp: 105156
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.4 80.0



#8
 Diethyl Ether
 Concen: 18.464 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077234.D
 Acq: 28 Mar 2023 14:05

Tgt Ion: 74 Resp: 37949
 Ion Ratio Lower Upper
 74 100
 45 104.2 35.5 106.5

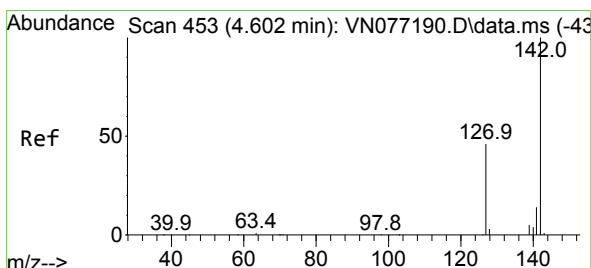
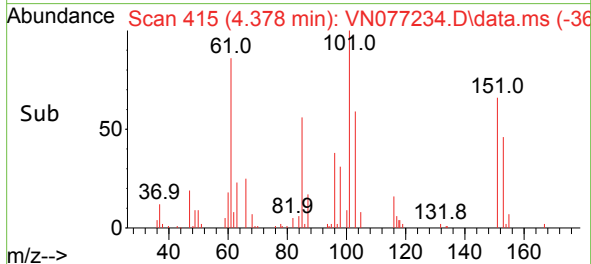
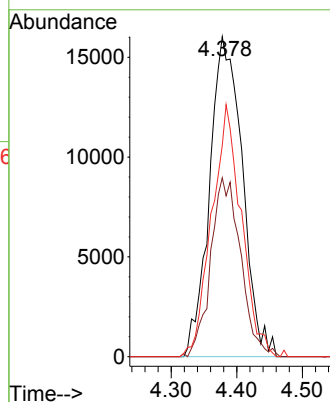
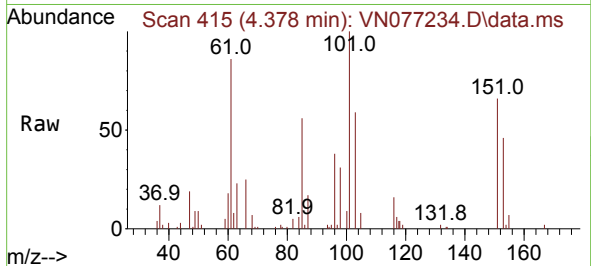




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.807 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077234.D
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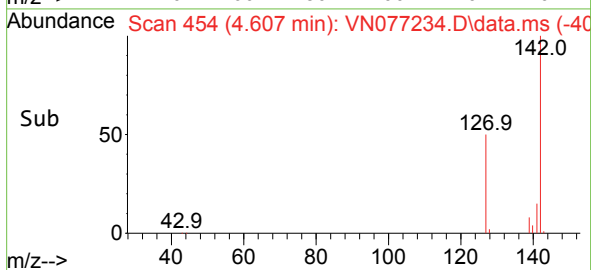
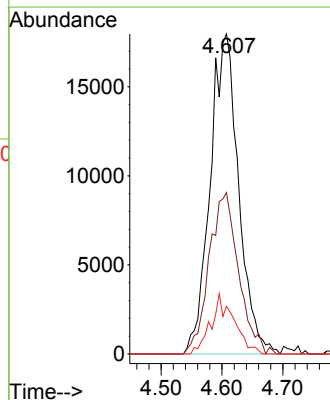
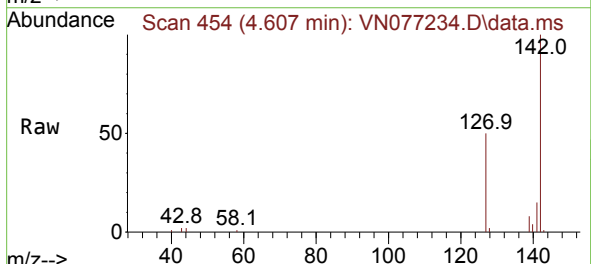
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

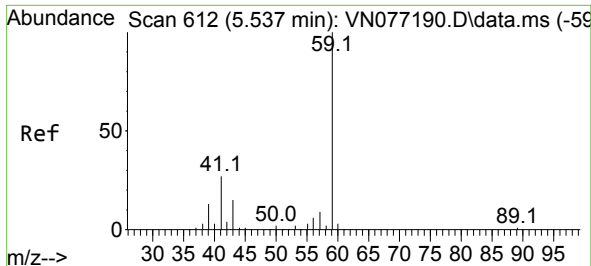
Tgt Ion:	101	Resp:	55608
Ion	Ratio	Lower	Upper
101	100		
85	51.2	35.2	52.8
151	71.3	58.9	88.3



#10
Methyl Iodide
Concen: 19.407 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.005 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion:	142	Resp:	58518
Ion	Ratio	Lower	Upper
142	100		
127	50.5	35.2	52.8
141	14.9	10.2	15.2

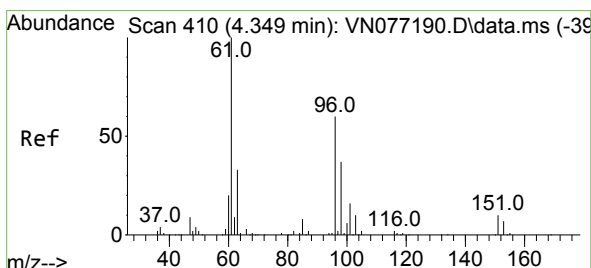
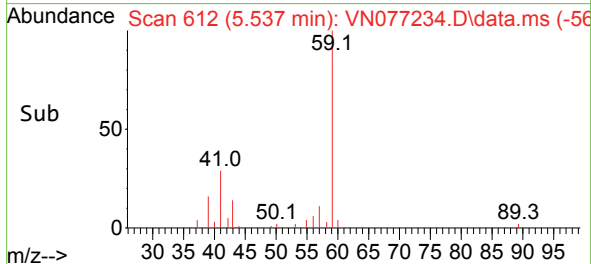
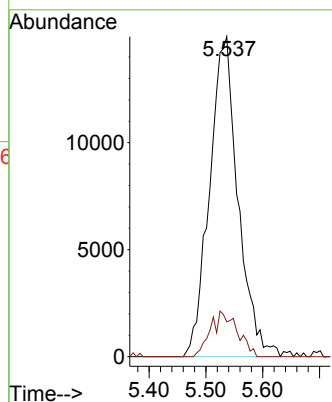
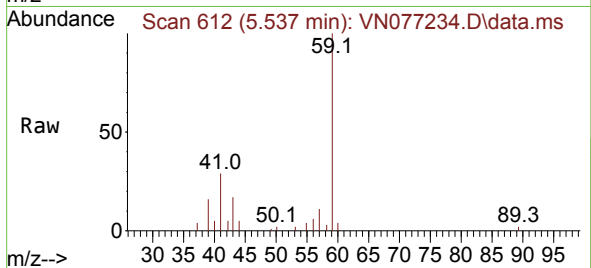




#11
Tert butyl alcohol
Concen: 99.179 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

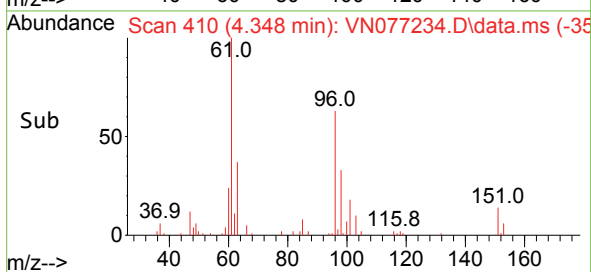
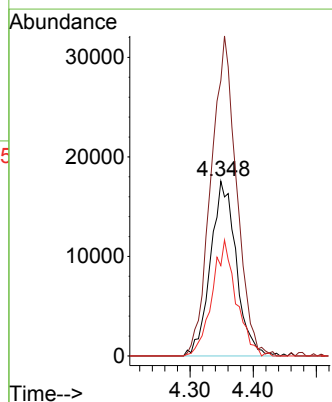
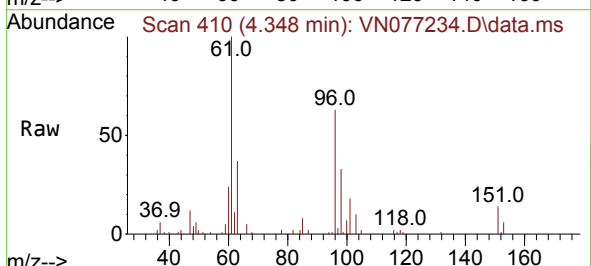
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

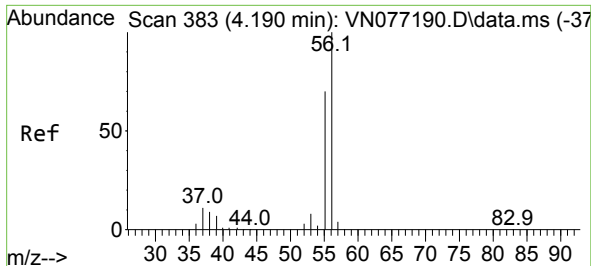
Tgt Ion: 59 Resp: 52068
Ion Ratio Lower Upper
59 100
57 13.4 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 19.535 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.001 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 96 Resp: 49658
Ion Ratio Lower Upper
96 100
61 157.7 121.3 181.9
98 51.8 52.1 78.1#





#13

Acrolein

Concen: 87.574 ug/l

RT: 4.196 min Scan# 383

Delta R.T. 0.006 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

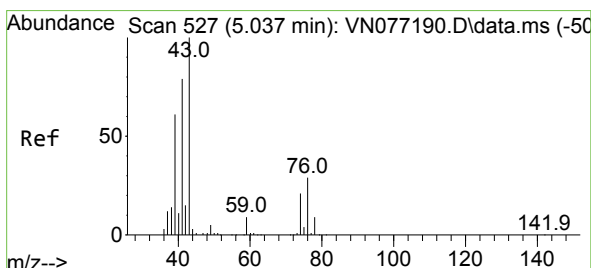
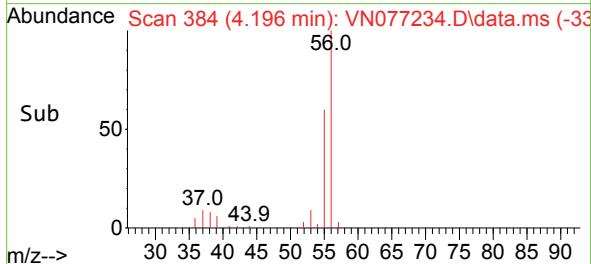
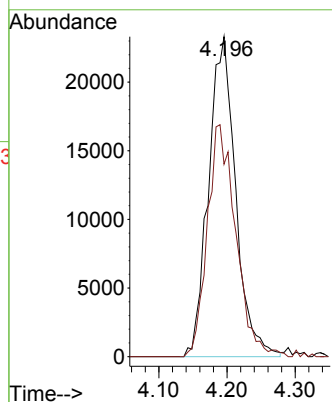
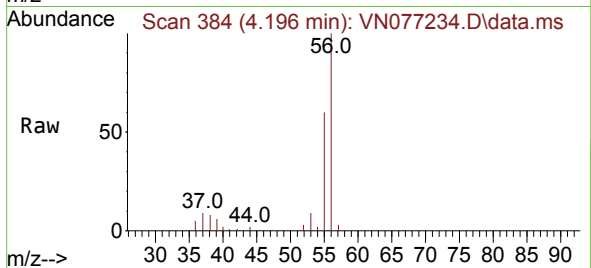
VN0328WBSD01

Tgt Ion: 56 Resp: 64484

Ion Ratio Lower Upper

56 100

55 76.0 56.7 85.1



#14

Allyl chloride

Concen: 18.532 ug/l

RT: 5.037 min Scan# 527

Delta R.T. -0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

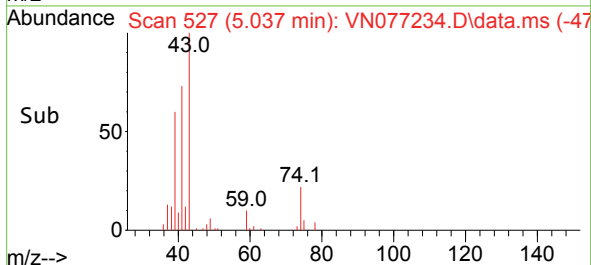
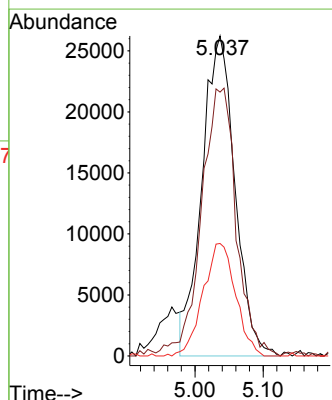
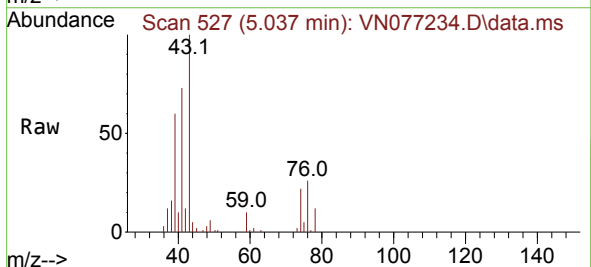
Tgt Ion: 41 Resp: 88507

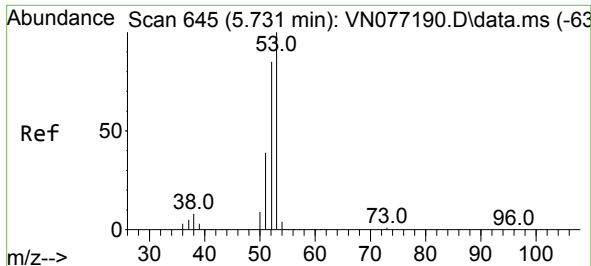
Ion Ratio Lower Upper

41 100

39 88.1 68.1 102.1

76 34.5 44.1 66.1#

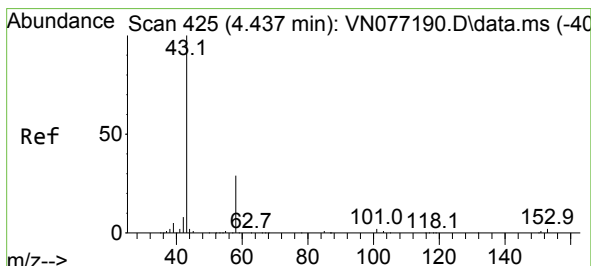
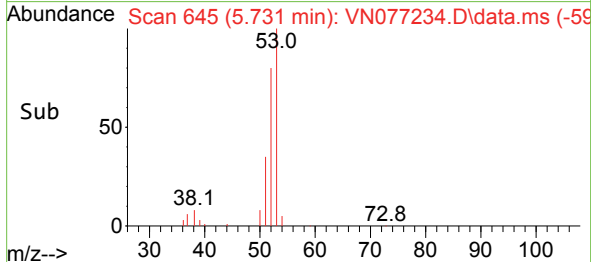
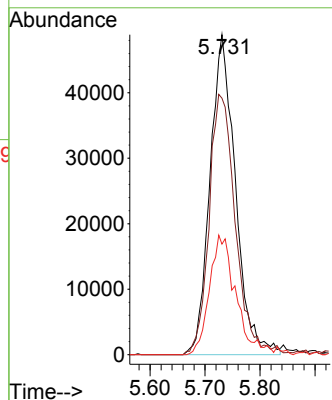
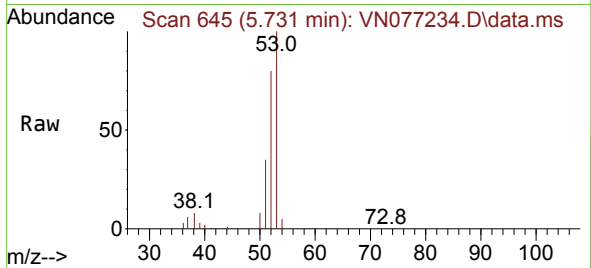




#15
Acrylonitrile
Concen: 95.911 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

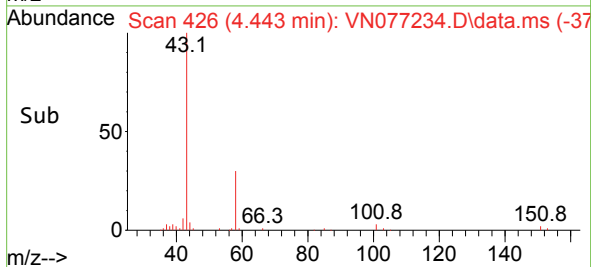
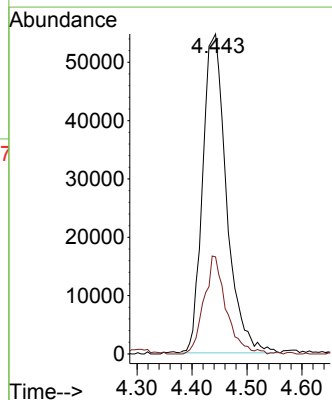
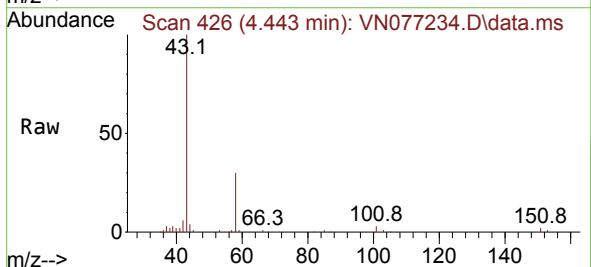
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

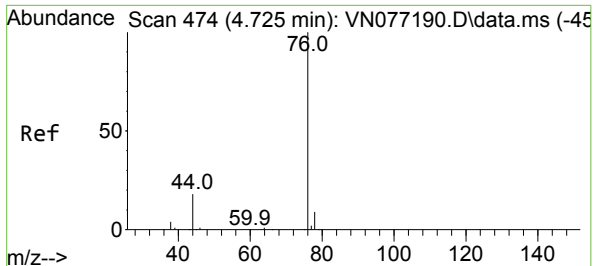
Tgt Ion: 53 Resp: 156974
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 38.8 28.8 43.2



#16
Acetone
Concen: 114.973 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 43 Resp: 164673
Ion Ratio Lower Upper
43 100
58 30.4 28.2 42.2

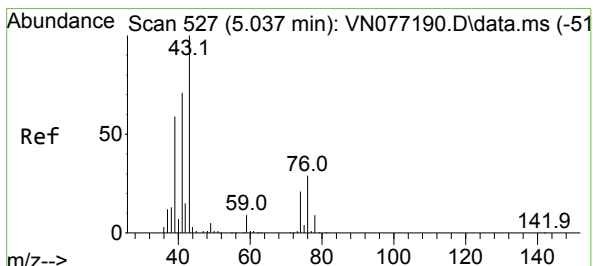
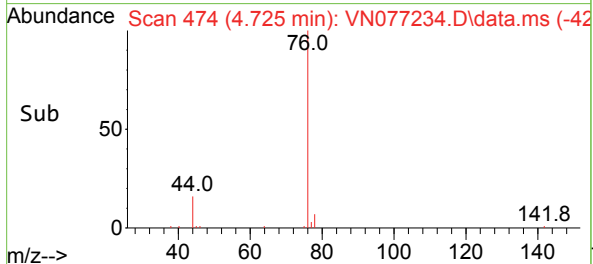
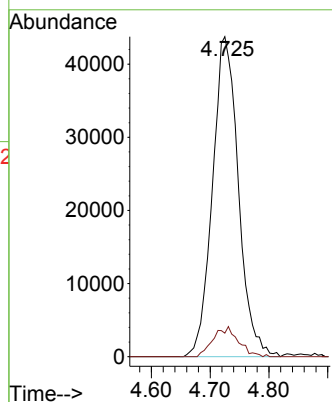
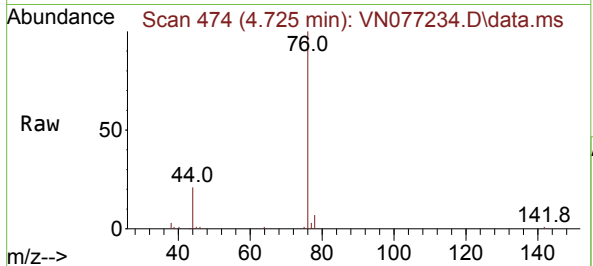




#17
Carbon Disulfide
Concen: 18.840 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

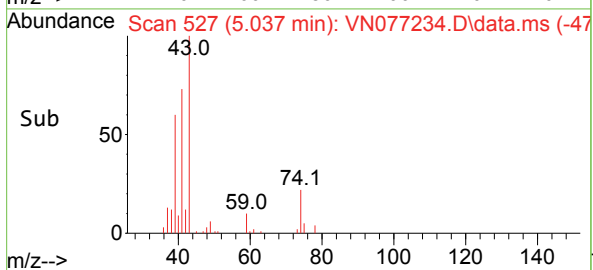
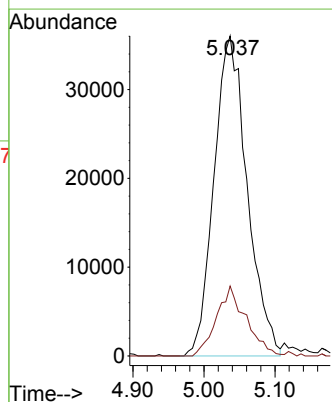
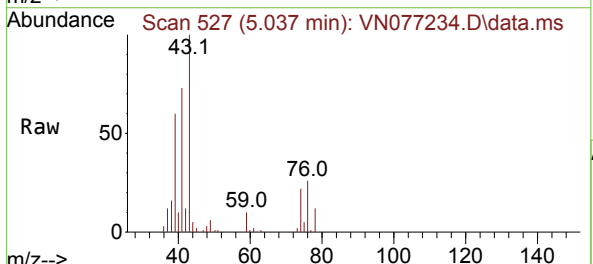
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

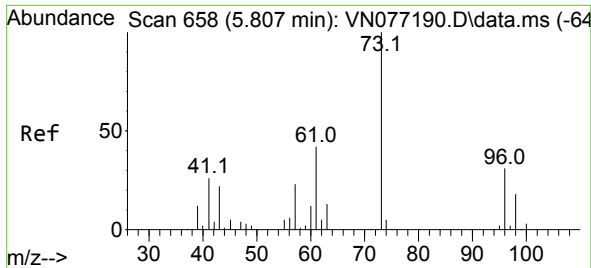
Tgt Ion: 76 Resp: 134011
Ion Ratio Lower Upper
76 100
78 7.4 7.8 11.8#



#18
Methyl Acetate
Concen: 20.430 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 43 Resp: 117068
Ion Ratio Lower Upper
43 100
74 19.5 25.9 38.9#

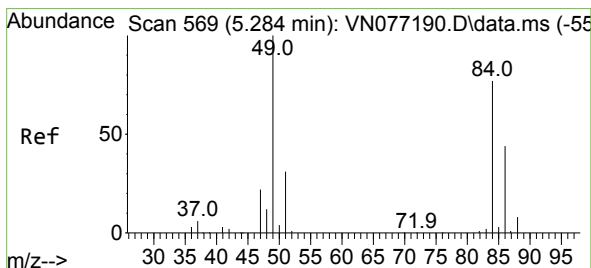
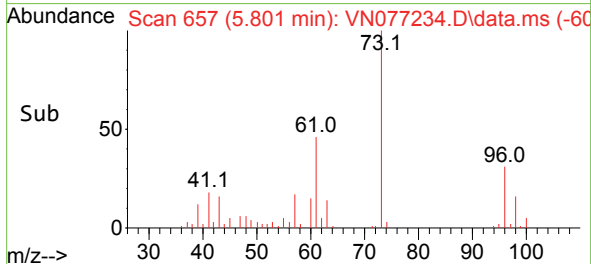
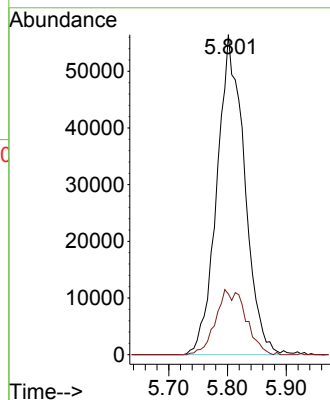
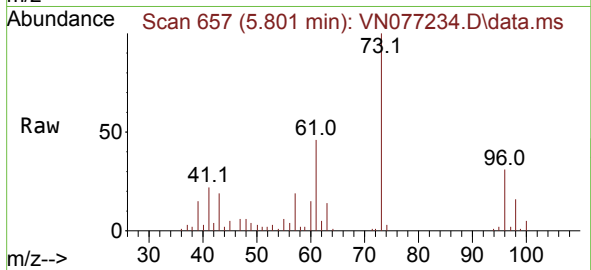




#19
Methyl tert-butyl Ether
Concen: 20.311 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

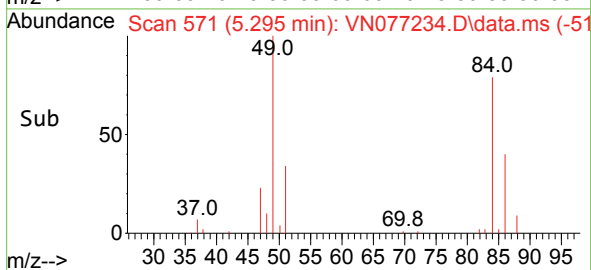
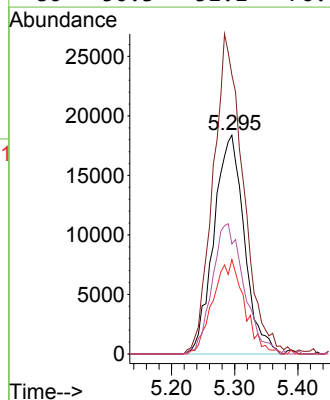
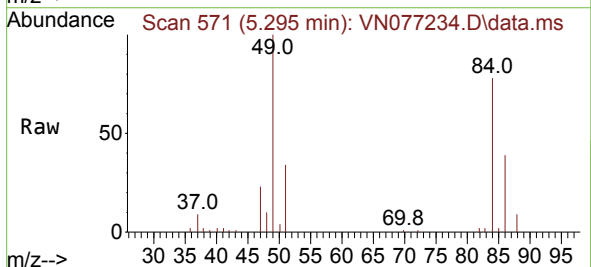
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

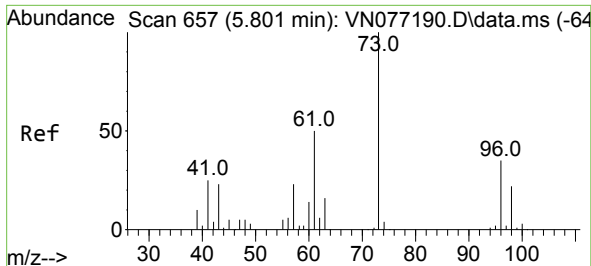
Tgt Ion: 73 Resp: 183531
Ion Ratio Lower Upper
73 100
57 19.0 16.1 24.1



#20
Methylene Chloride
Concen: 19.320 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.011 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 84 Resp: 61619
Ion Ratio Lower Upper
84 100
49 127.5 76.6 114.8#
51 43.2 25.4 38.2#
86 50.3 51.1 76.7#

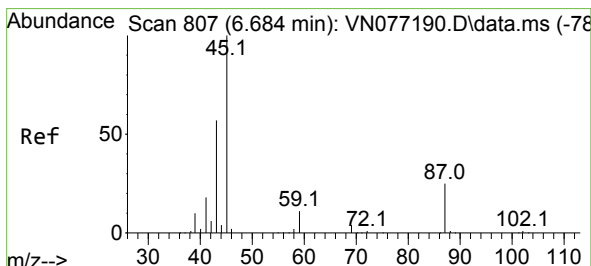
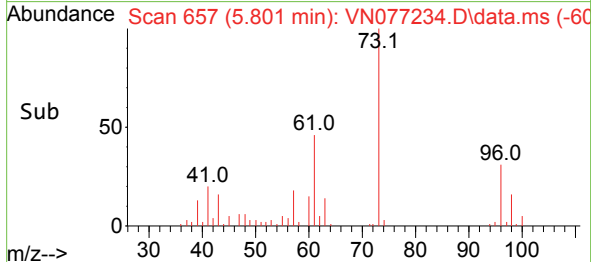
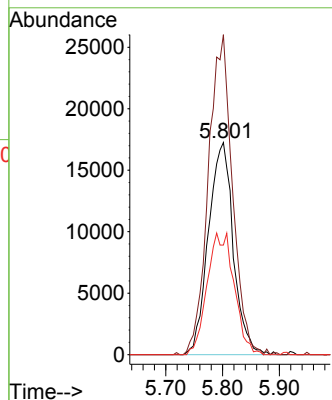
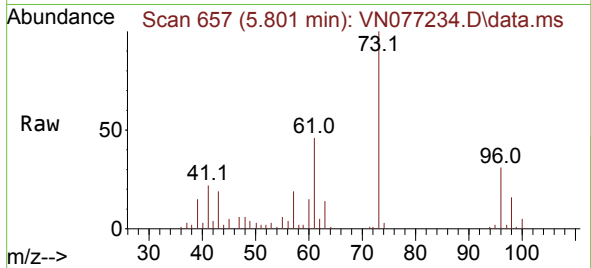




#21
trans-1,2-Dichloroethene
Concen: 18.826 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

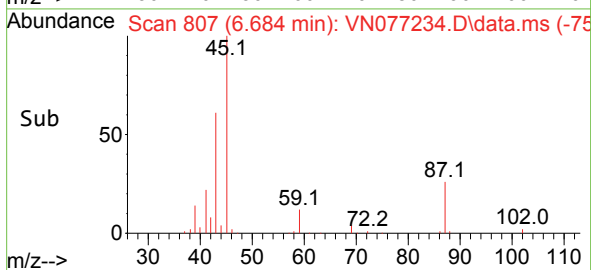
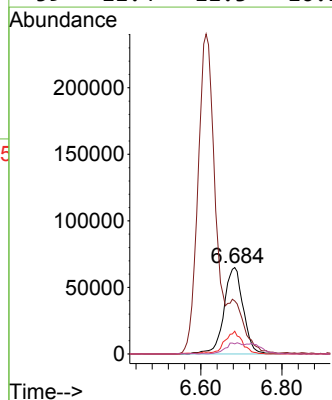
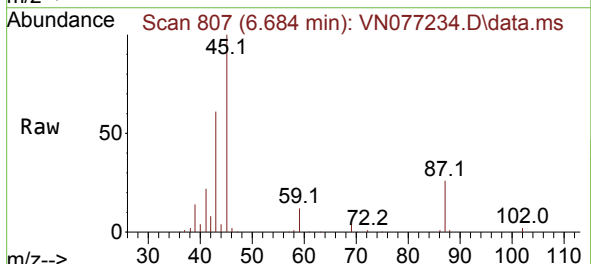
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

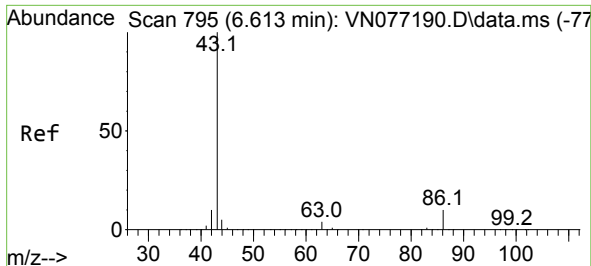
Tgt Ion: 96 Resp: 52518
Ion Ratio Lower Upper
96 100
61 150.9 95.0 142.6#
98 51.7 54.5 81.7#



#22
Diisopropyl ether
Concen: 20.742 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 45 Resp: 213518
Ion Ratio Lower Upper
45 100
43 60.5 42.6 63.8
87 26.3 29.7 44.5#
59 11.4 11.3 16.9

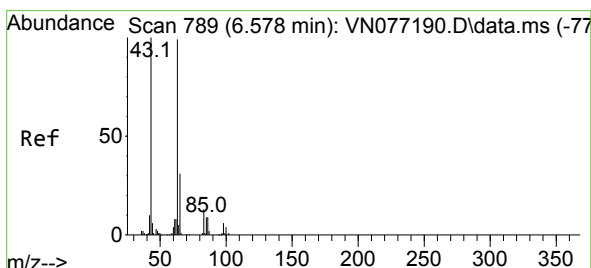
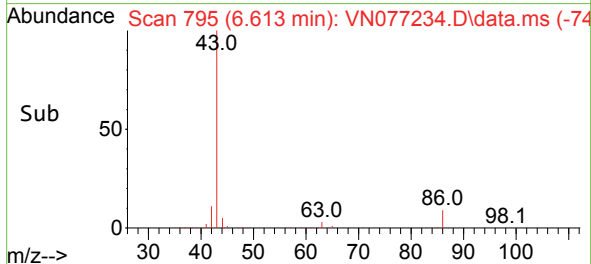
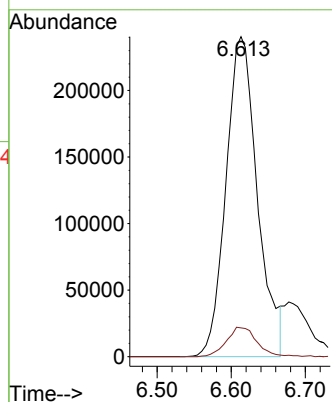
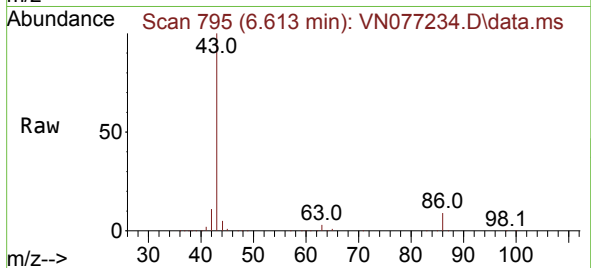




#23
 Vinyl Acetate
 Concen: 106.727 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077234.D
 Acq: 28 Mar 2023 14:05

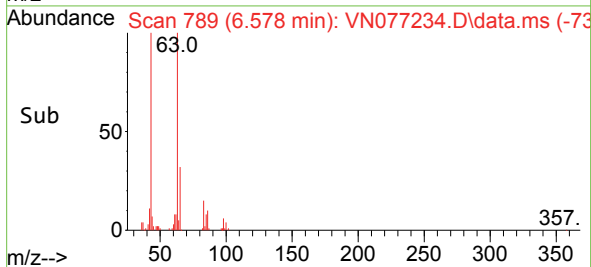
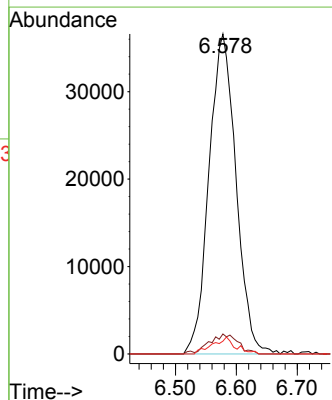
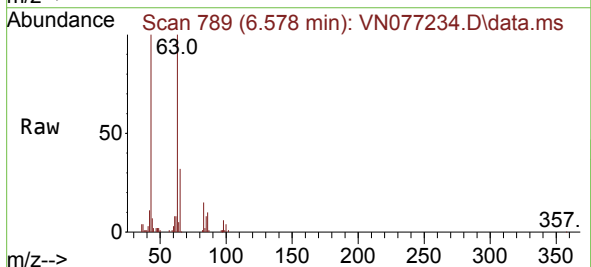
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

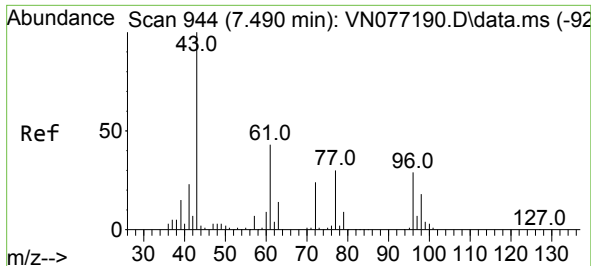
Tgt Ion: 43 Resp: 708935
 Ion Ratio Lower Upper
 43 100
 86 9.0 11.8 17.6#



#24
 1,1-Dichloroethane
 Concen: 19.611 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077234.D
 Acq: 28 Mar 2023 14:05

Tgt Ion: 63 Resp: 112865
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.2 12.6
 100 4.0 2.2 6.6

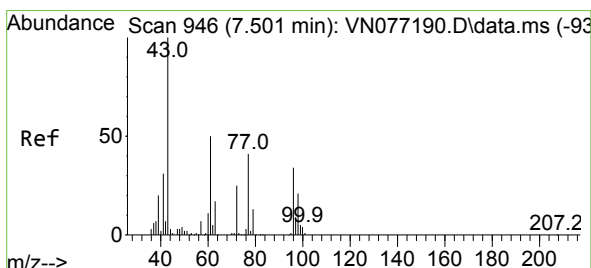
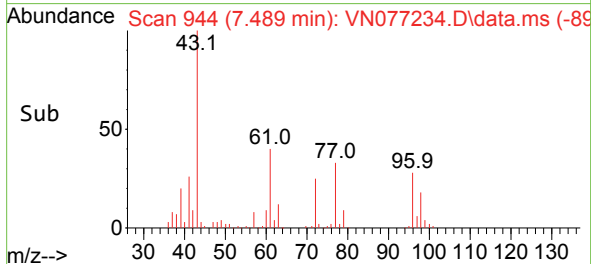
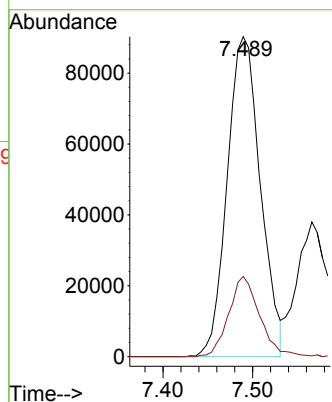
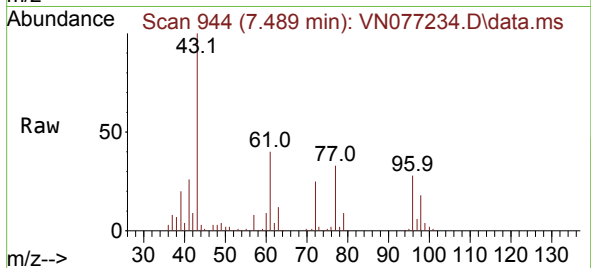




#25
2-Butanone
Concen: 103.486 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

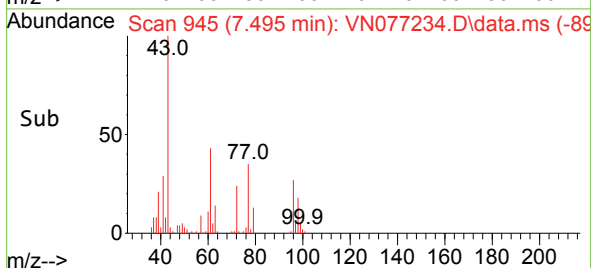
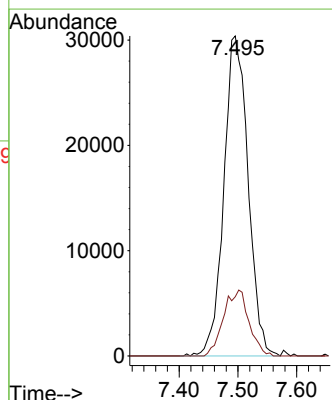
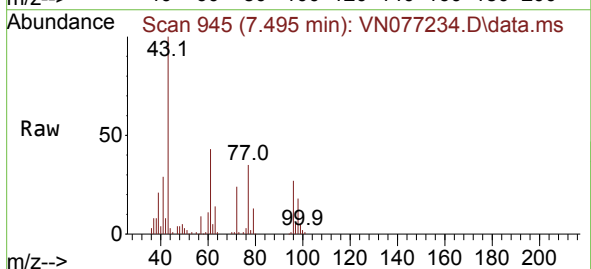
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

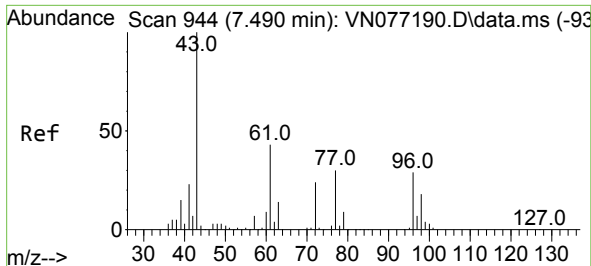
Tgt Ion: 43 Resp: 231757
Ion Ratio Lower Upper
43 100
72 25.0 28.8 43.2#



#26
2,2-Dichloropropane
Concen: 21.957 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 77 Resp: 87142
Ion Ratio Lower Upper
77 100
97 21.6 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 20.140 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.001 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

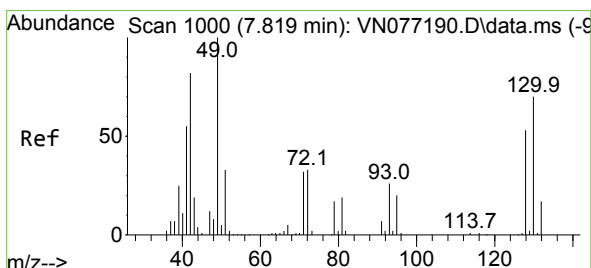
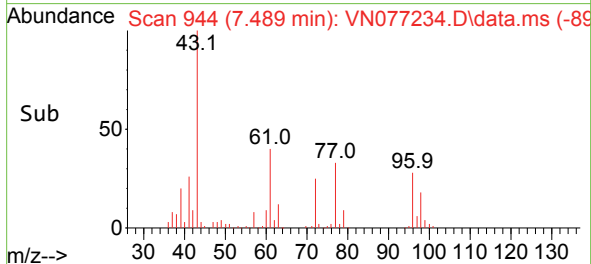
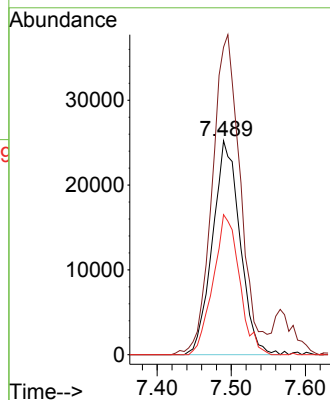
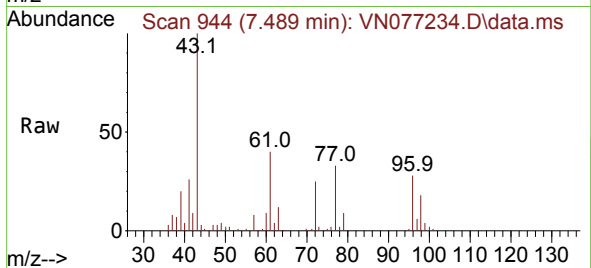
Tgt Ion: 96 Resp: 64808

Ion Ratio Lower Upper

96 100

61 153.5 0.0 255.6

98 63.0 0.0 127.4



#28

Bromochloromethane

Concen: 21.947 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

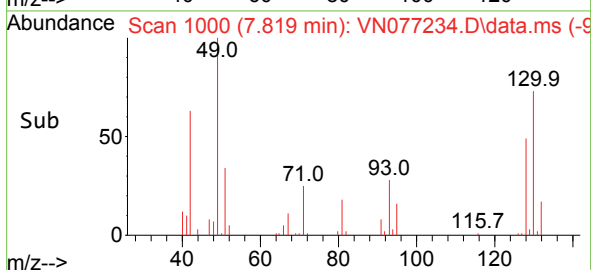
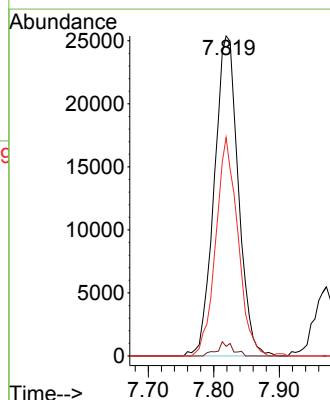
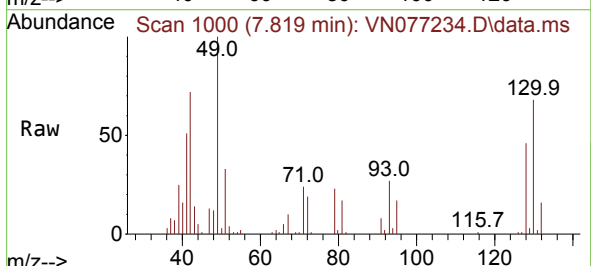
Tgt Ion: 49 Resp: 64408

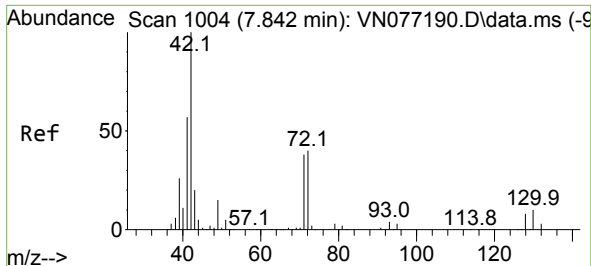
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 62.9 74.8 112.2#





#29

Tetrahydrofuran

Concen: 100.979 ug/l

RT: 7.842 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

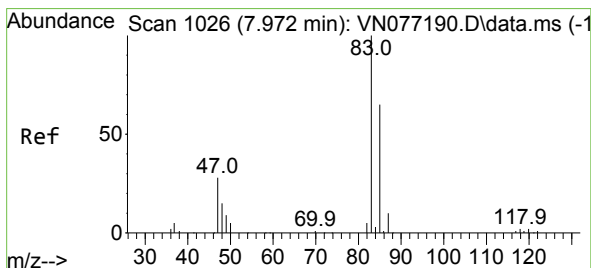
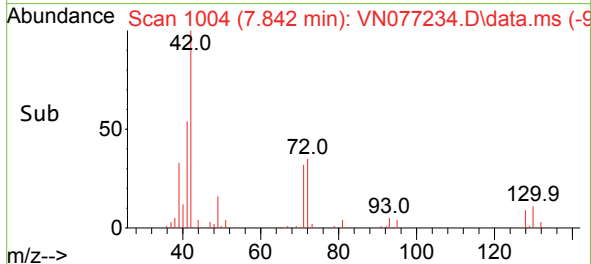
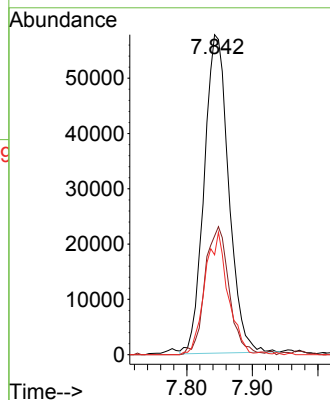
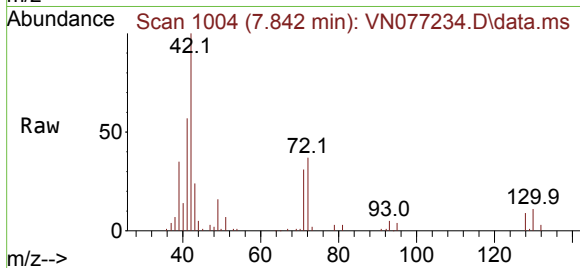
Tgt Ion: 42 Resp: 149808

Ion Ratio Lower Upper

42 100

72 39.6 48.6 73.0#

71 36.4 45.1 67.7#



#30

Chloroform

Concen: 19.934 ug/l

RT: 7.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN077234.D

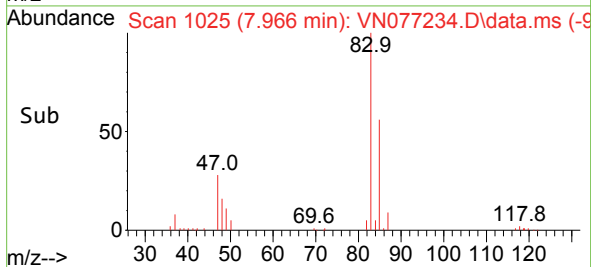
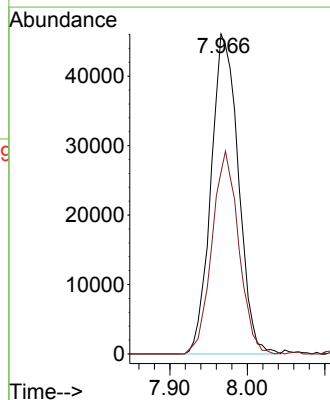
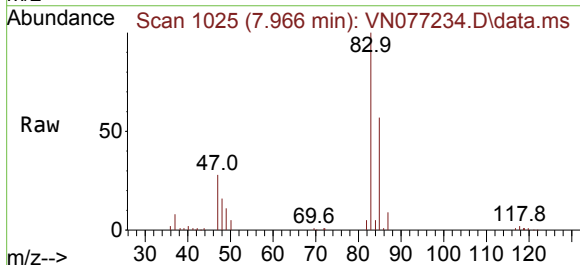
Acq: 28 Mar 2023 14:05

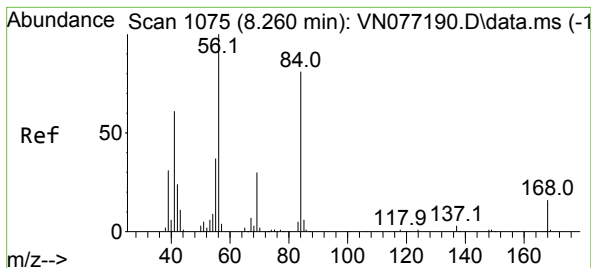
Tgt Ion: 83 Resp: 112995

Ion Ratio Lower Upper

83 100

85 56.8 51.3 76.9

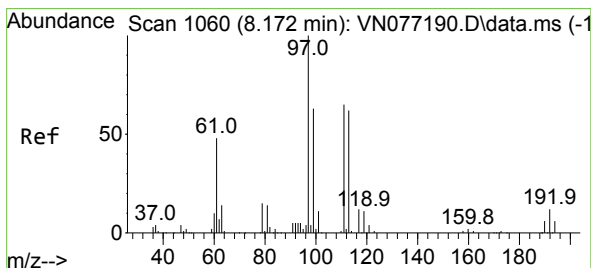
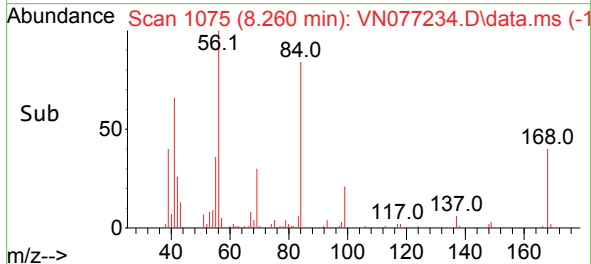
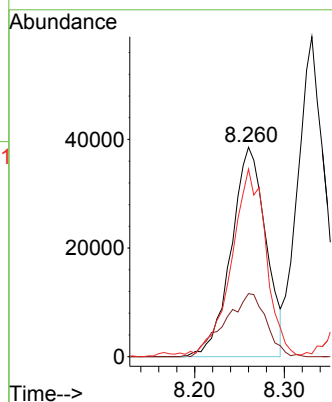
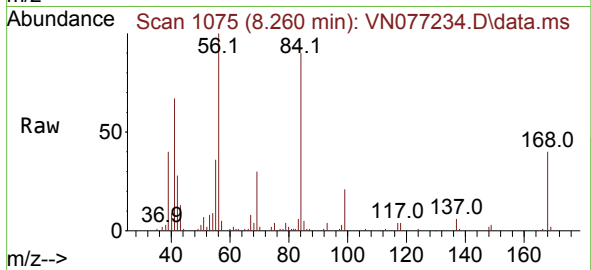




#31
Cyclohexane
Concen: 19.339 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

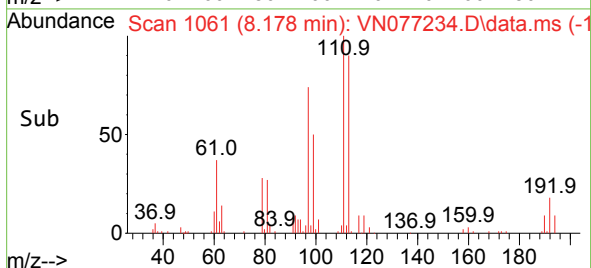
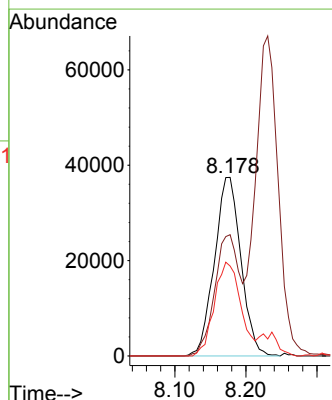
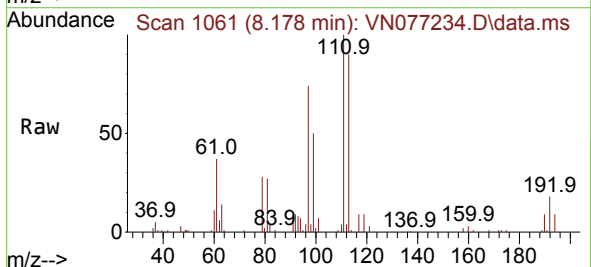
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

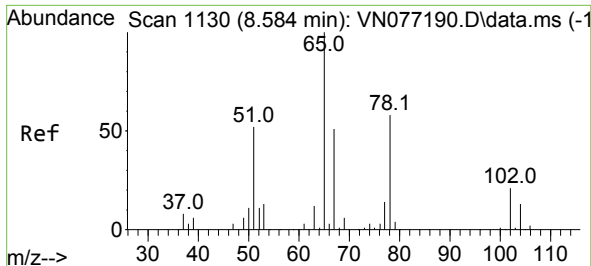
Tgt Ion: 56 Resp: 103484
Ion Ratio Lower Upper
56 100
69 30.1 27.0 40.6
84 87.8 82.9 124.3



#32
1,1,1-Trichloroethane
Concen: 19.893 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 97 Resp: 96811
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 52.6 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 46.079 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

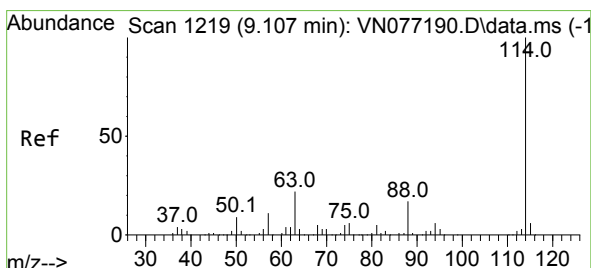
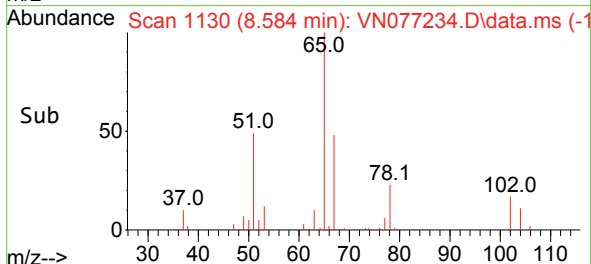
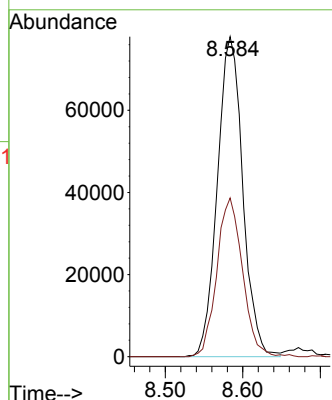
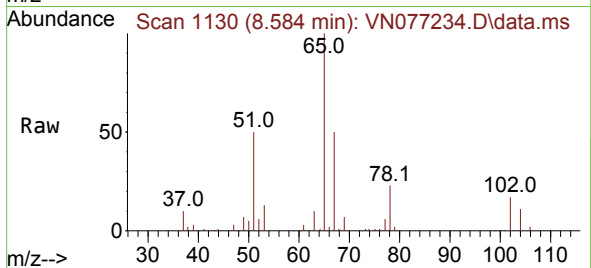
VN0328WBSD01

Tgt Ion: 65 Resp: 177496

Ion Ratio Lower Upper

65 100

67 50.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

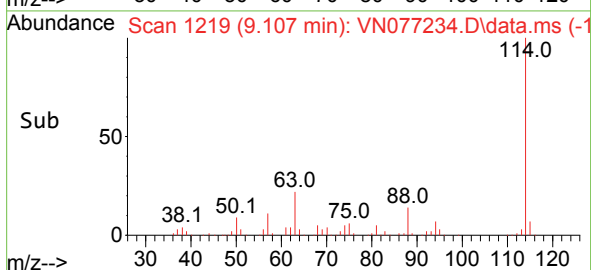
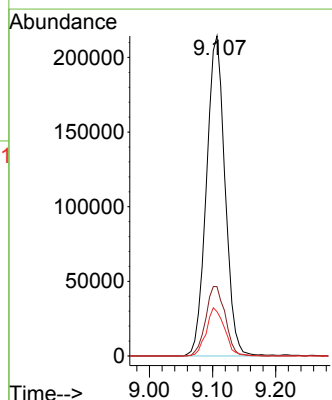
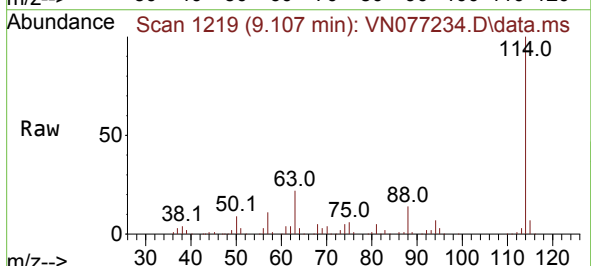
Tgt Ion: 114 Resp: 438549

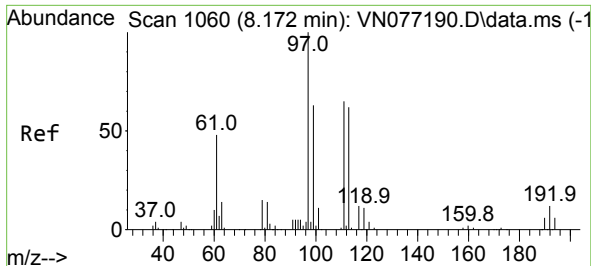
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.6

88 13.8 0.0 28.6

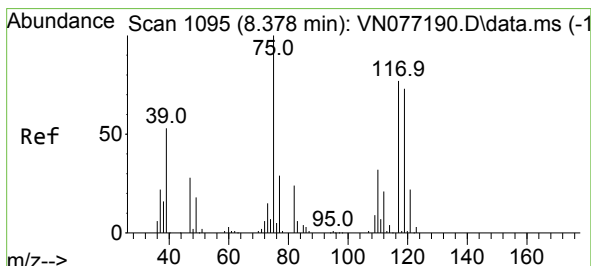
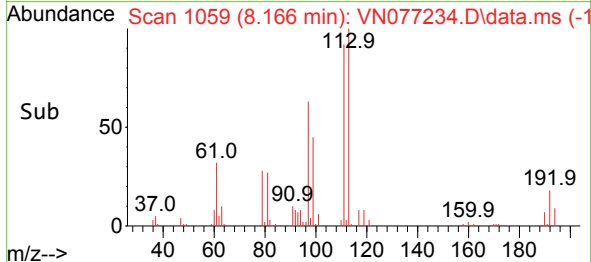
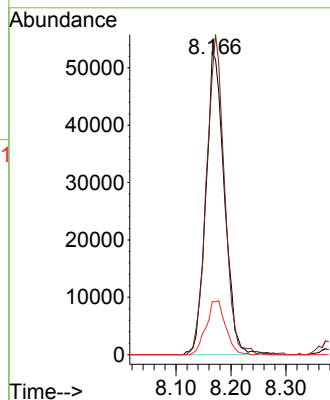
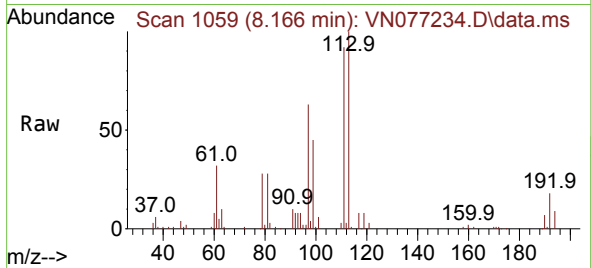




#35
Dibromofluoromethane
Concen: 41.610 ug/l
RT: 8.166 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

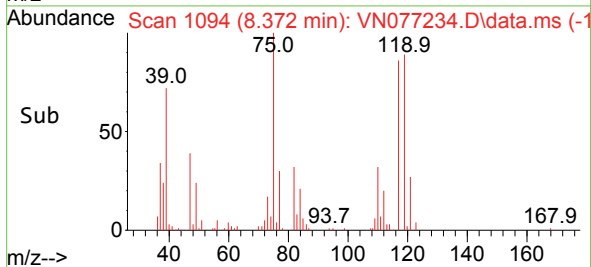
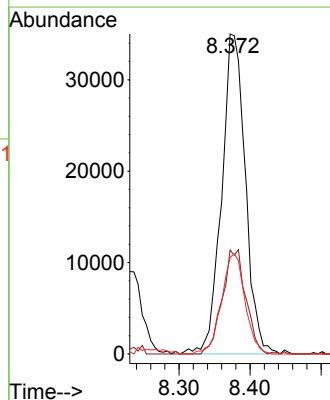
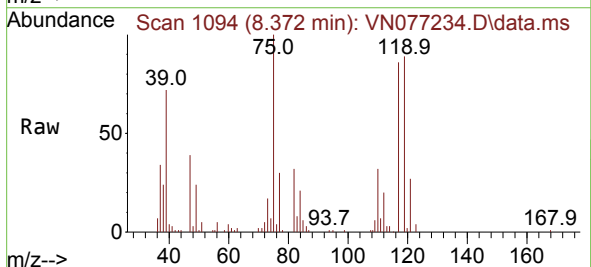
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

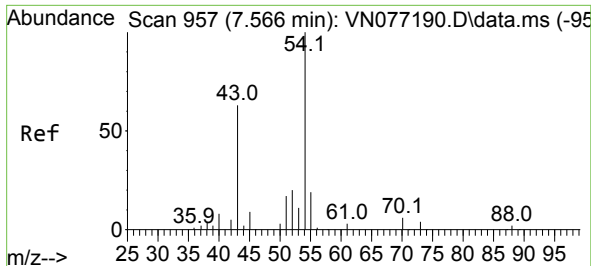
Tgt Ion:113 Resp: 123822
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 18.6 13.9 20.9



#36
1,1-Dichloropropene
Concen: 19.592 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.006 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 75 Resp: 81141
Ion Ratio Lower Upper
75 100
110 32.5 18.9 56.9
77 31.0 24.9 37.3





#37

Ethyl Acetate

Concen: 20.767 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

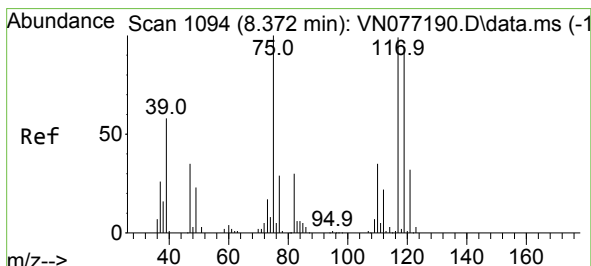
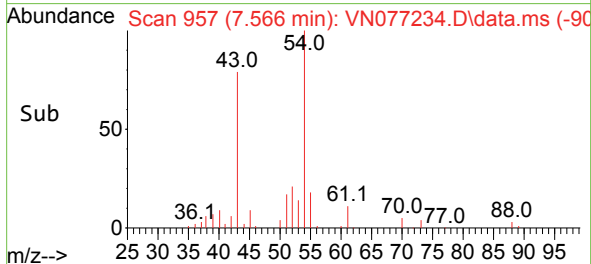
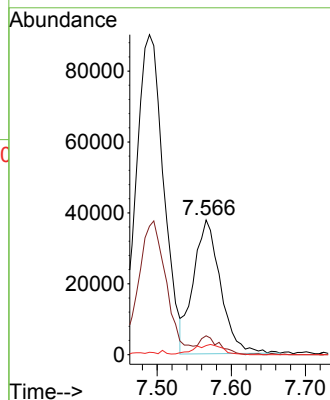
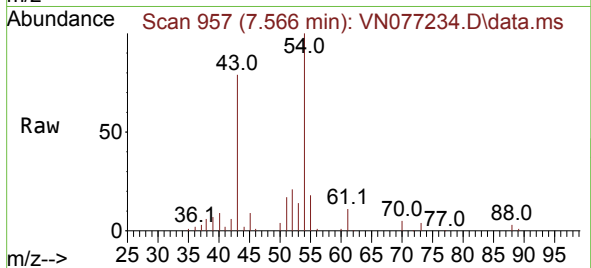
Tgt Ion: 43 Resp: 95868

Ion Ratio Lower Upper

43 100

61 10.5 13.5 20.3#

70 8.0 11.0 16.6#



#38

Carbon Tetrachloride

Concen: 19.289 ug/l

RT: 8.366 min Scan# 1093

Delta R.T. -0.006 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

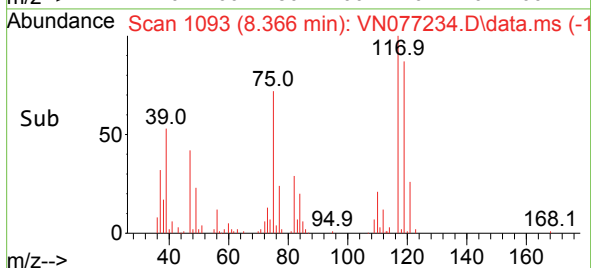
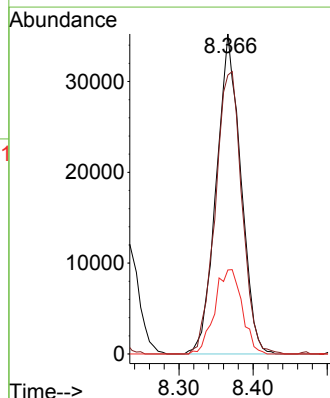
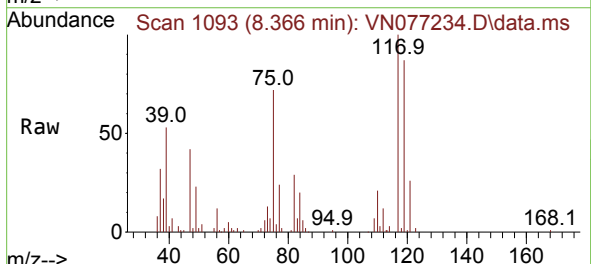
Tgt Ion: 117 Resp: 80998

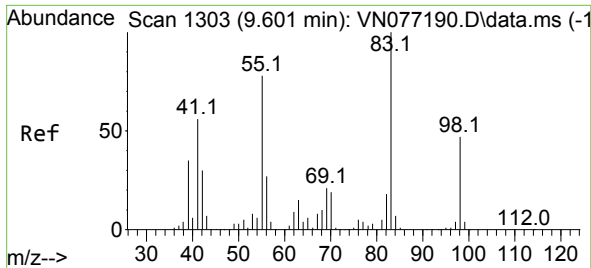
Ion Ratio Lower Upper

117 100

119 87.1 76.9 115.3

121 26.3 23.2 34.8

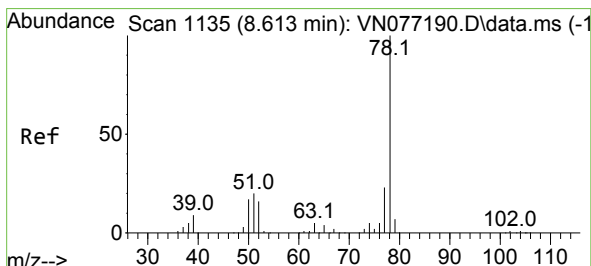
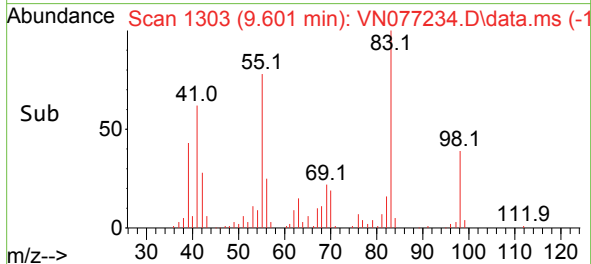
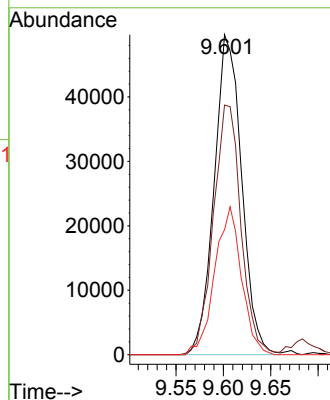
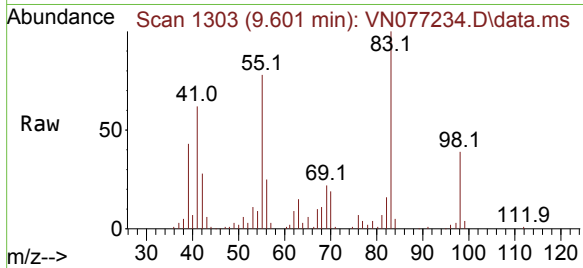




#39
Methylcyclohexane
Concen: 20.714 ug/l
RT: 9.601 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

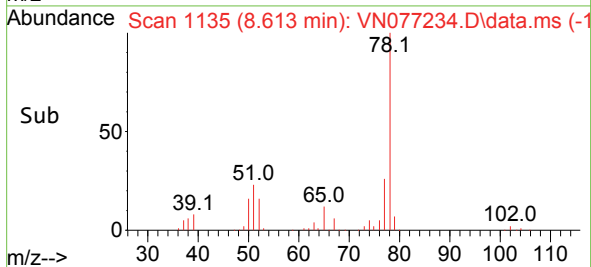
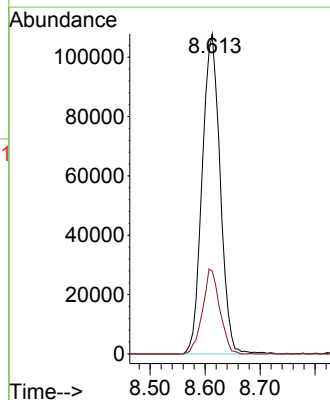
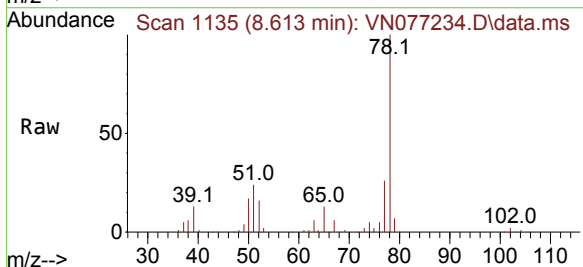
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

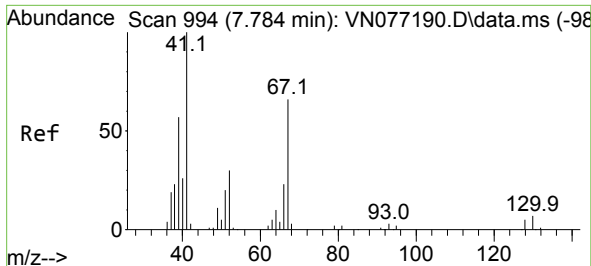
Tgt Ion: 83 Resp: 100198
Ion Ratio Lower Upper
83 100
55 78.0 47.0 70.4#
98 39.1 39.4 59.0#



#40
Benzene
Concen: 19.303 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 78 Resp: 245012
Ion Ratio Lower Upper
78 100
77 25.9 19.3 28.9

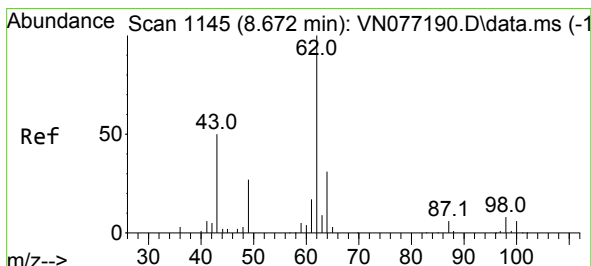
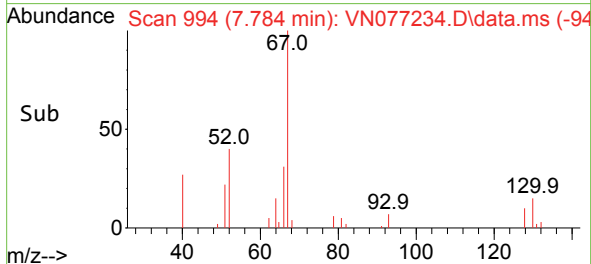
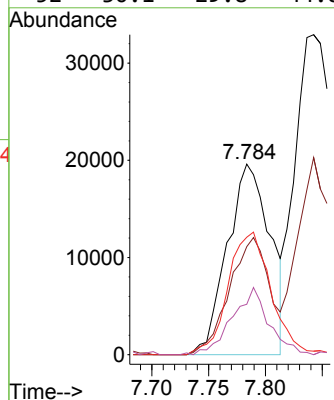
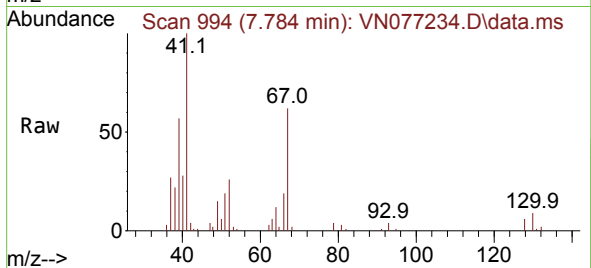




#41
Methacrylonitrile
Concen: 20.363 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

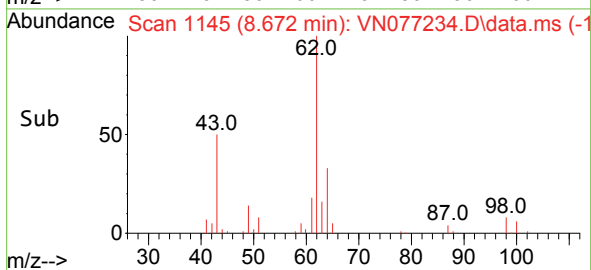
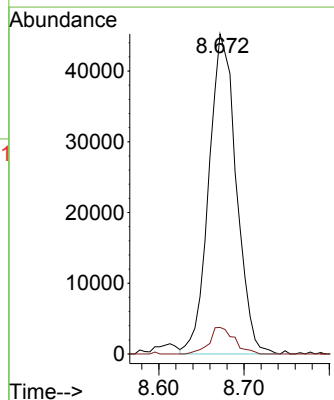
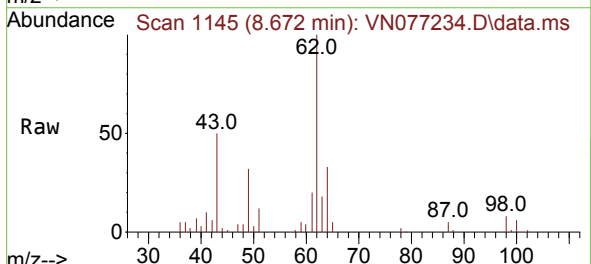
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

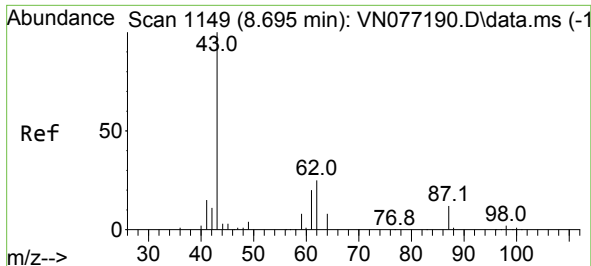
Tgt Ion:	41	Resp:	51378
Ion	Ratio	Lower	Upper
41	100		
39	57.6	43.4	65.0
67	64.7	78.6	118.0
52	30.1	29.8	44.8



#42
1,2-Dichloroethane
Concen: 21.217 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion:	62	Resp:	101540
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	21.8

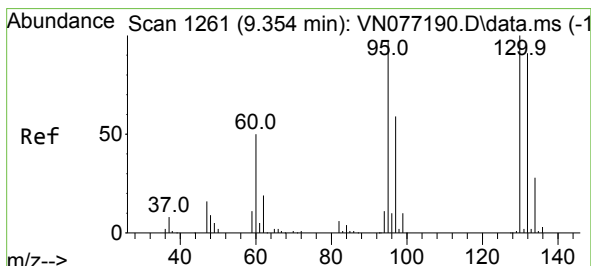
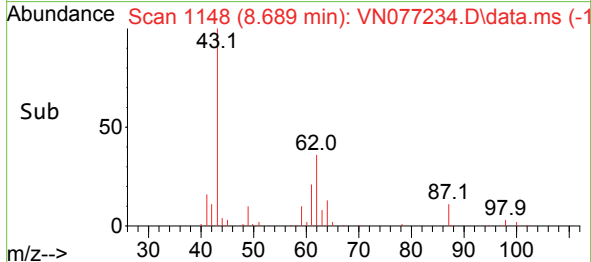
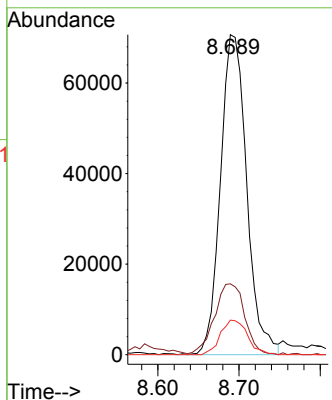
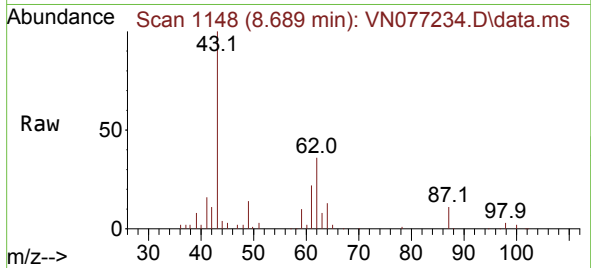




#43
Isopropyl Acetate
Concen: 21.346 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

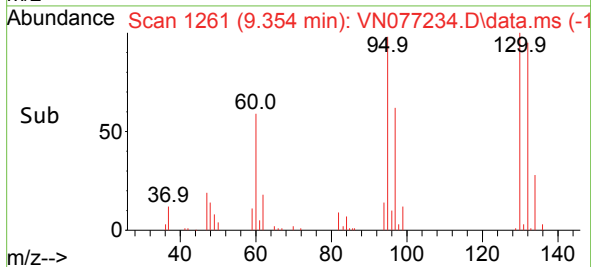
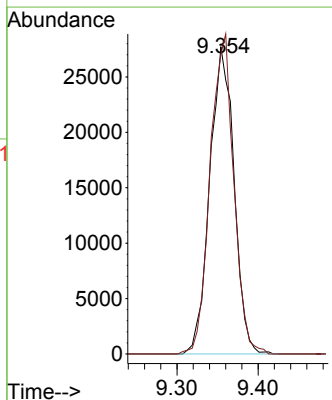
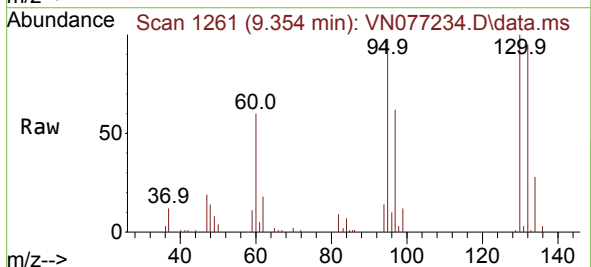
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

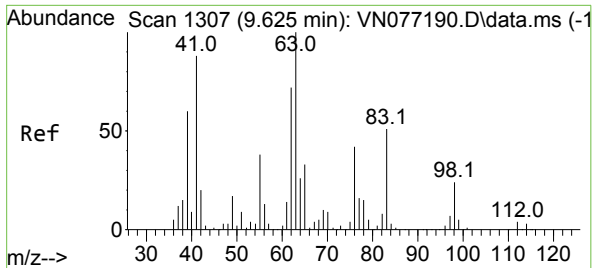
Tgt Ion: 43 Resp: 158980
Ion Ratio Lower Upper
43 100
61 25.4 26.2 39.2#
87 11.1 14.8 22.2#



#44
Trichloroethene
Concen: 19.797 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion:130 Resp: 57573
Ion Ratio Lower Upper
130 100
95 97.6 0.0 208.6





#45

1,2-Dichloropropane

Concen: 19.733 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

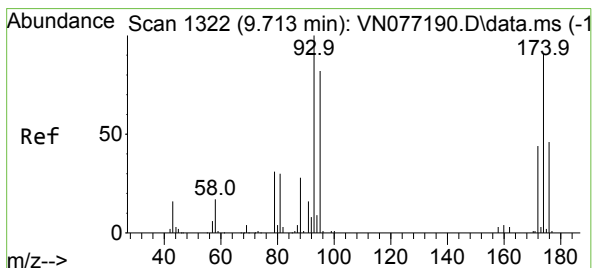
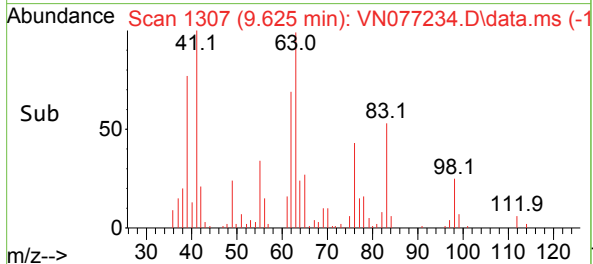
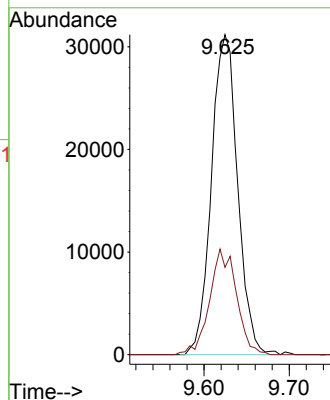
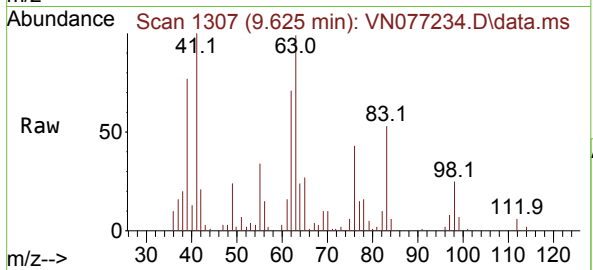
VN0328WBSD01

Tgt Ion: 63 Resp: 66613

Ion Ratio Lower Upper

63 100

65 27.3 25.0 37.6



#46

Dibromomethane

Concen: 20.218 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

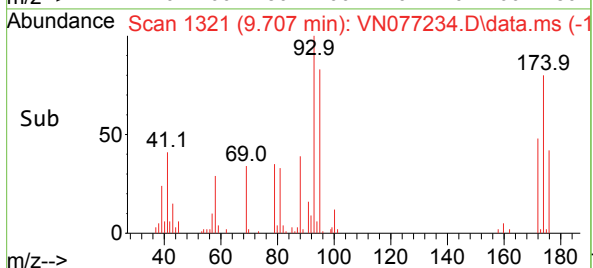
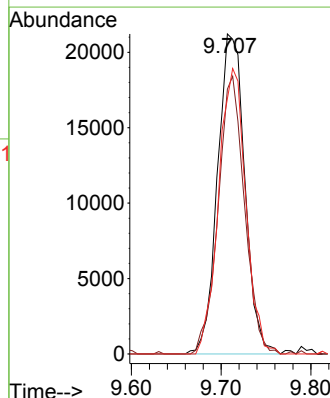
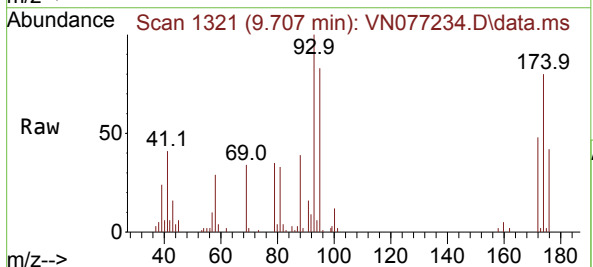
Tgt Ion: 93 Resp: 44606

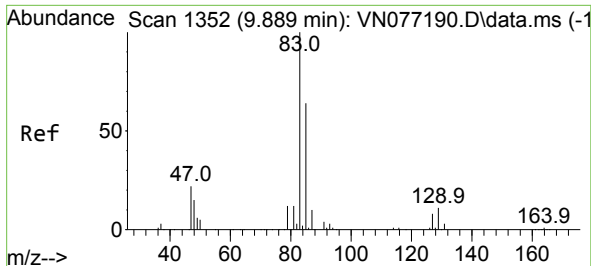
Ion Ratio Lower Upper

93 100

95 84.2 65.7 98.5

174 89.2 69.3 103.9





#47

Bromodichloromethane

Concen: 20.981 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

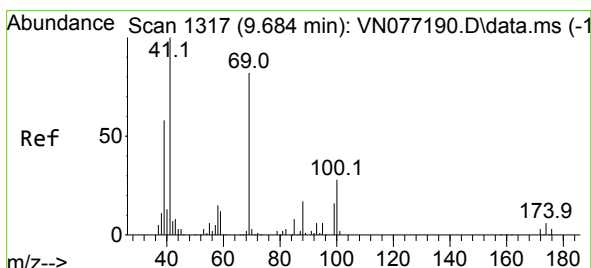
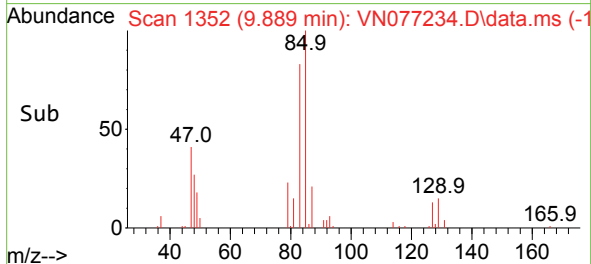
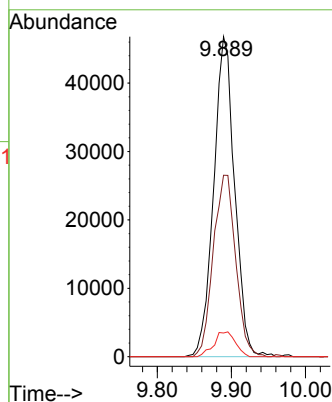
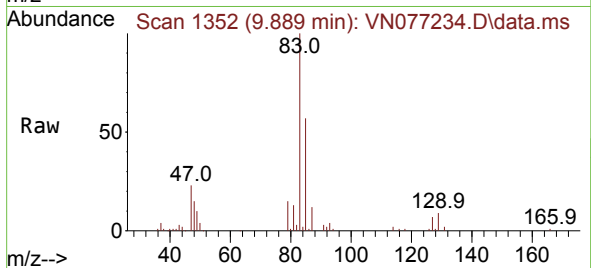
Tgt Ion: 83 Resp: 92063

Ion Ratio Lower Upper

83 100

85 56.7 52.6 78.8

127 7.4 7.0 10.6



#48

Methyl methacrylate

Concen: 20.907 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. -0.001 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

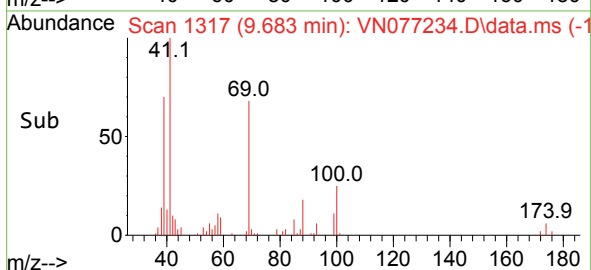
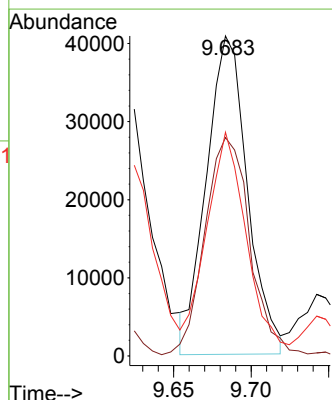
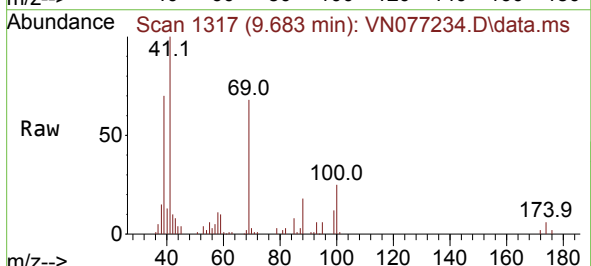
Tgt Ion: 41 Resp: 74981

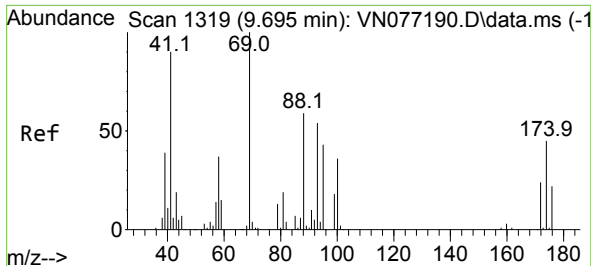
Ion Ratio Lower Upper

41 100

69 76.3 92.6 139.0#

39 69.1 51.4 77.0





#49

1,4-Dioxane

Concen: 419.620 ug/l

RT: 9.701 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

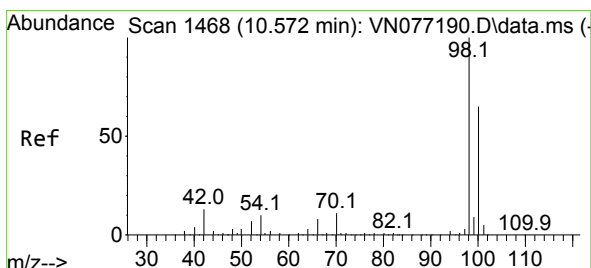
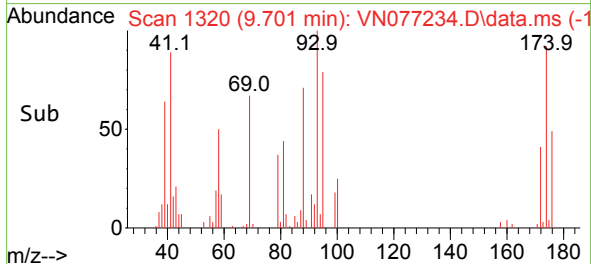
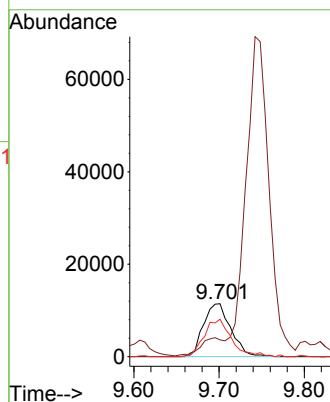
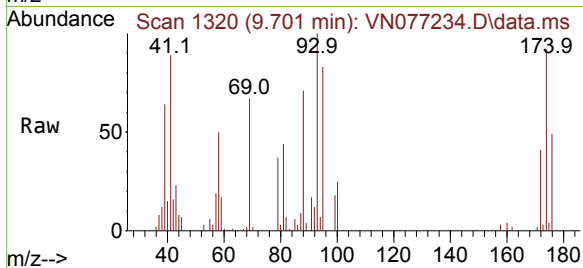
Tgt Ion: 88 Resp: 25656

Ion Ratio Lower Upper

88 100

43 29.3 15.3 22.9#

58 70.5 47.6 71.4



#50

Toluene-d8

Concen: 43.686 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VN077234.D

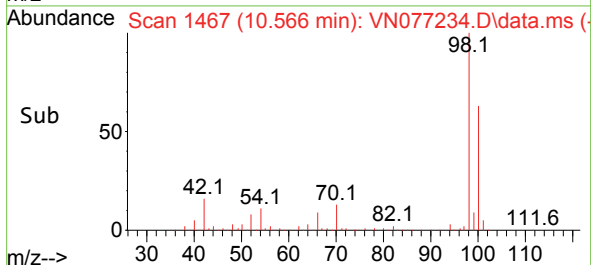
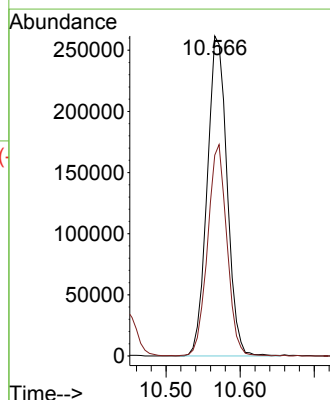
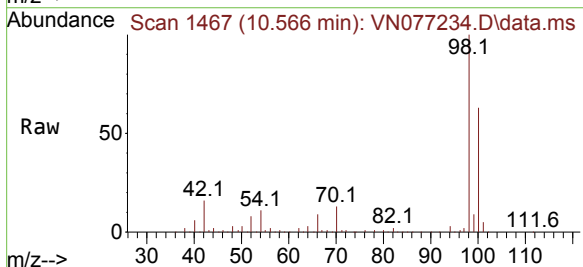
Acq: 28 Mar 2023 14:05

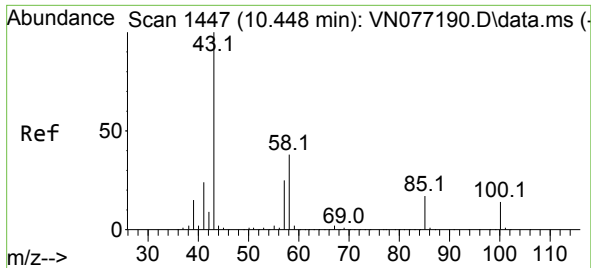
Tgt Ion: 98 Resp: 487112

Ion Ratio Lower Upper

98 100

100 64.3 52.8 79.2

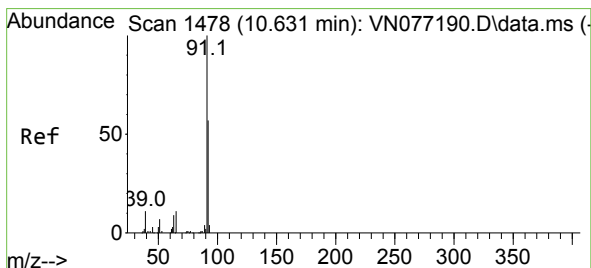
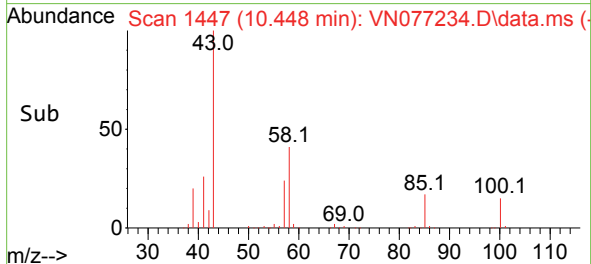
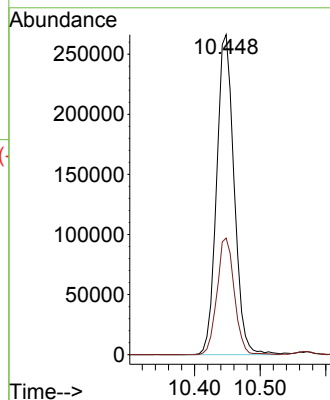
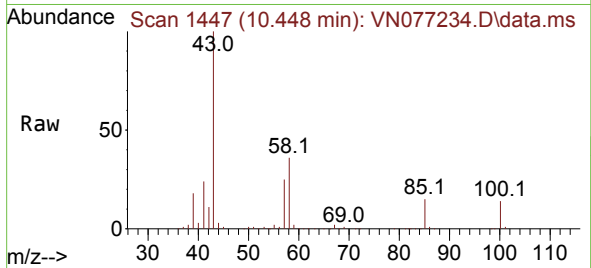




#51
4-Methyl-2-Pentanone
Concen: 104.997 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

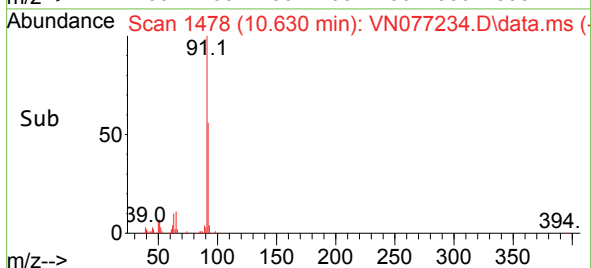
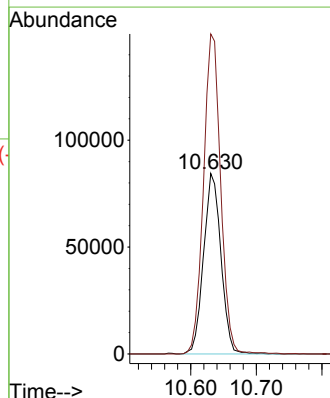
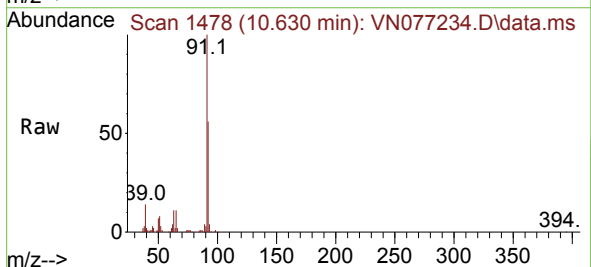
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

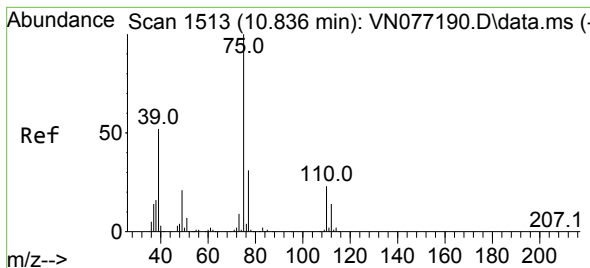
Tgt Ion: 43 Resp: 492018
Ion Ratio Lower Upper
43 100
58 36.1 37.4 56.0#



#52
Toluene
Concen: 20.140 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.001 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 92 Resp: 155900
Ion Ratio Lower Upper
92 100
91 175.3 138.2 207.2

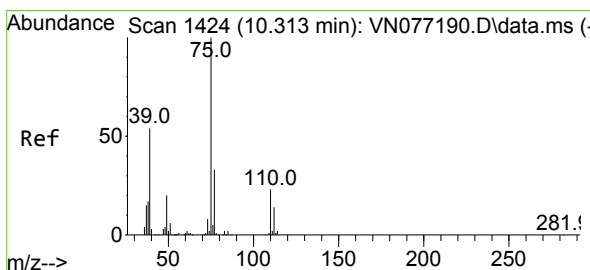
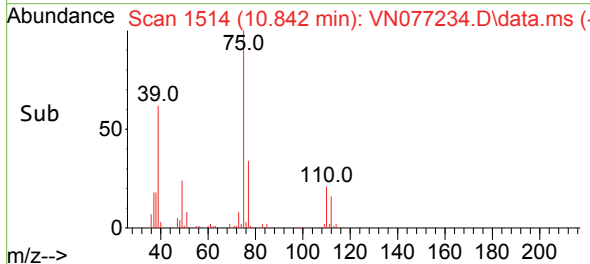
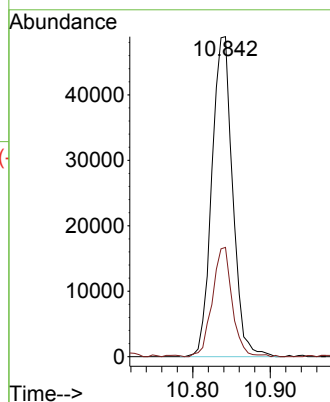
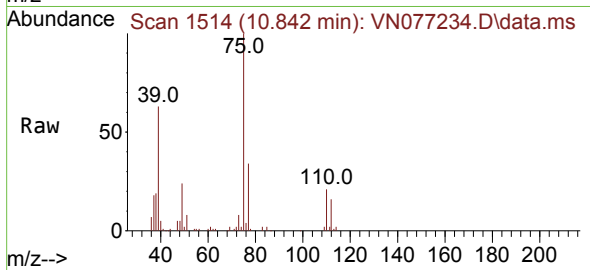




#53
 t-1,3-Dichloropropene
 Concen: 20.453 ug/l
 RT: 10.842 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN077234.D
 Acq: 28 Mar 2023 14:05

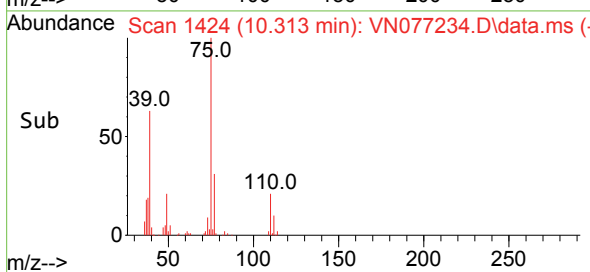
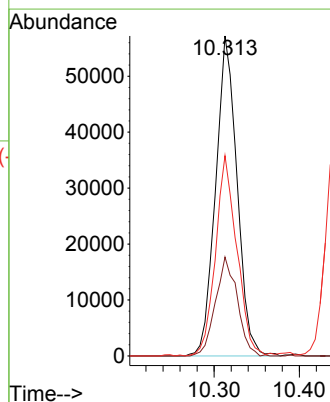
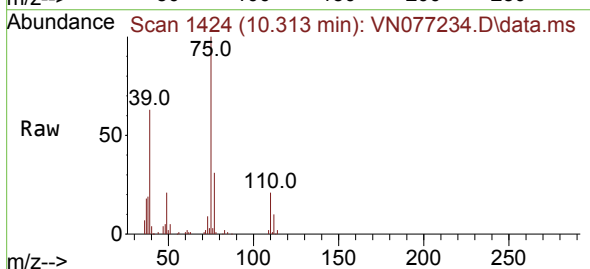
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

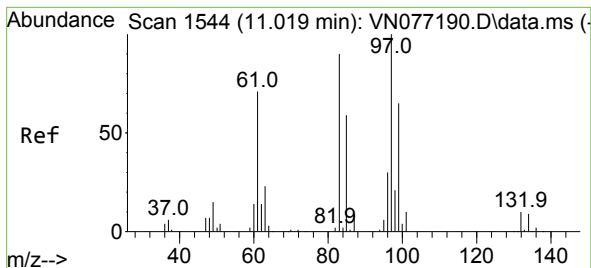
Tgt Ion: 75 Resp: 91073
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.549 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077234.D
 Acq: 28 Mar 2023 14:05

Tgt Ion: 75 Resp: 100133
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.7 38.5
 39 62.3 29.7 44.5#





#55

1,1,2-Trichloroethane

Concen: 19.745 ug/l

RT: 11.019 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

Tgt Ion: 97 Resp: 60000

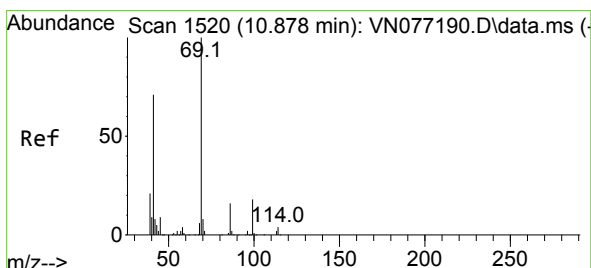
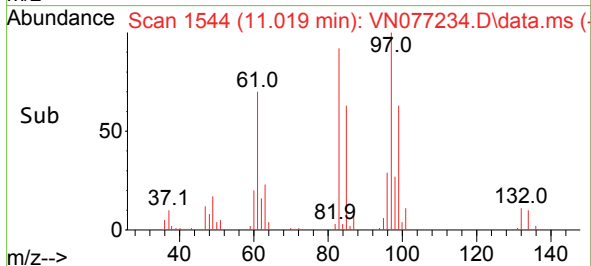
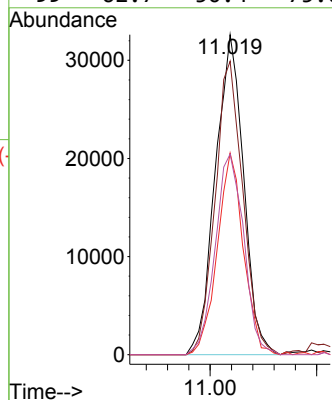
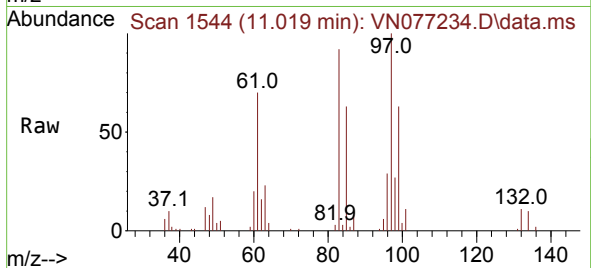
Ion Ratio Lower Upper

97 100

83 91.7 67.1 100.7

85 63.0 41.8 62.8#

99 62.7 50.4 75.6



#56

Ethyl methacrylate

Concen: 20.117 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.001 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

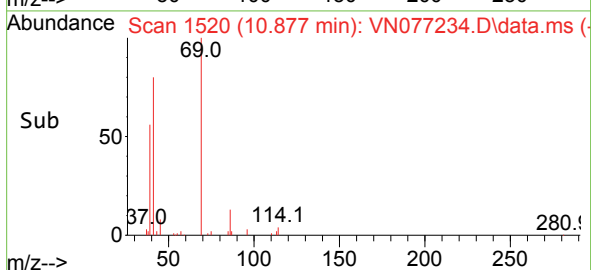
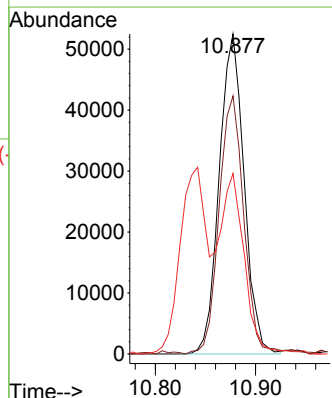
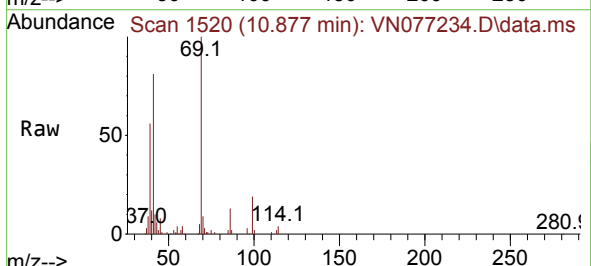
Tgt Ion: 69 Resp: 90238

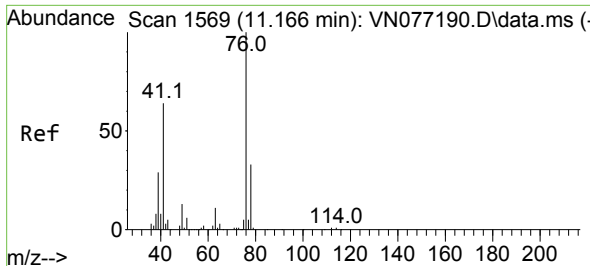
Ion Ratio Lower Upper

69 100

41 80.7 38.0 57.0#

39 51.2 22.4 33.6#





#57

1,3-Dichloropropane

Concen: 20.546 ug/l

RT: 11.166 min Scan# 111305

Delta R.T. -0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

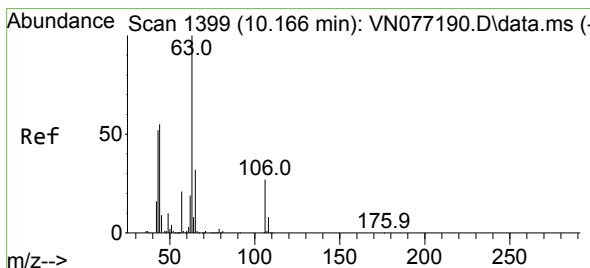
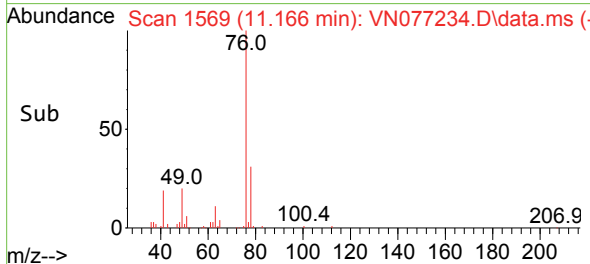
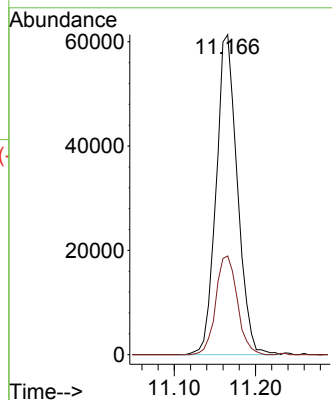
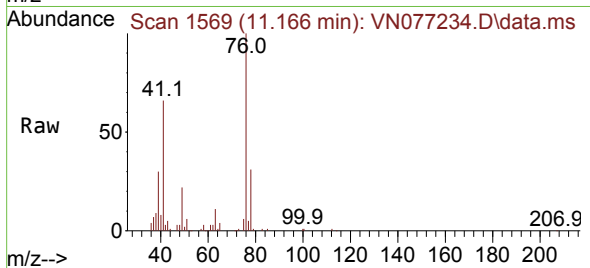
VN0328WBSD01

Tgt Ion: 76 Resp: 111305

Ion Ratio Lower Upper

76 100

78 31.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 89.432 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.006 min

Lab File: VN077234.D

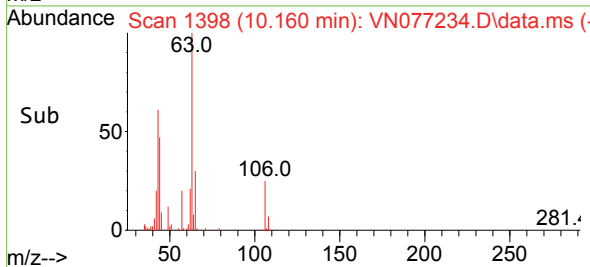
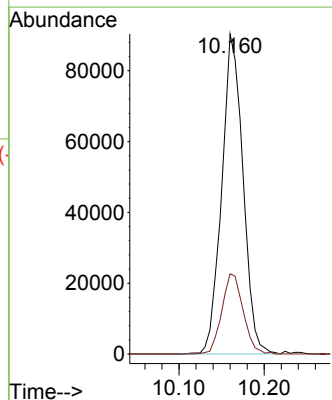
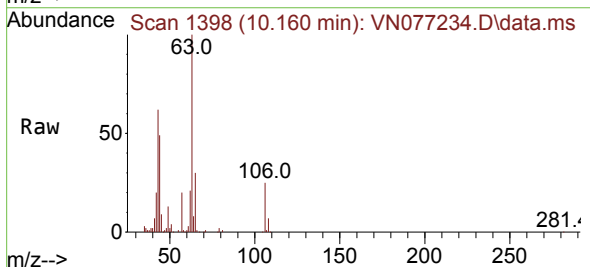
Acq: 28 Mar 2023 14:05

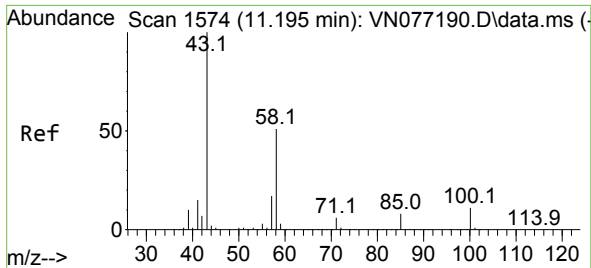
Tgt Ion: 63 Resp: 156492

Ion Ratio Lower Upper

63 100

106 25.1 25.6 38.4#

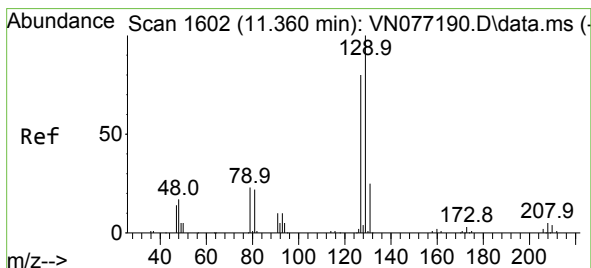
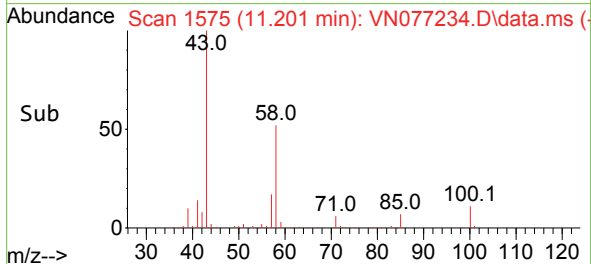
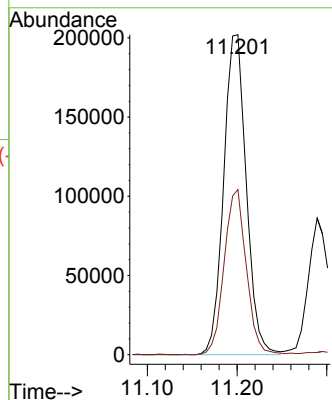
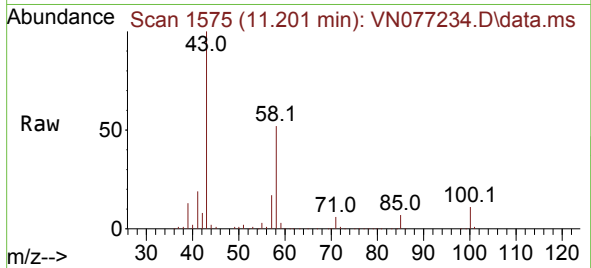




#59
2-Hexanone
Concen: 105.112 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

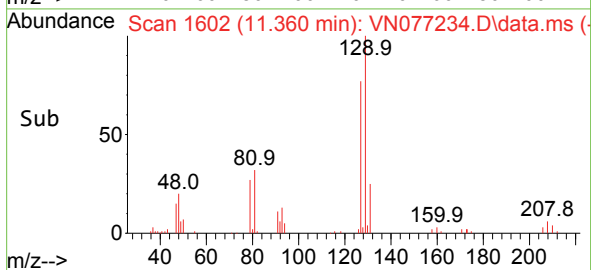
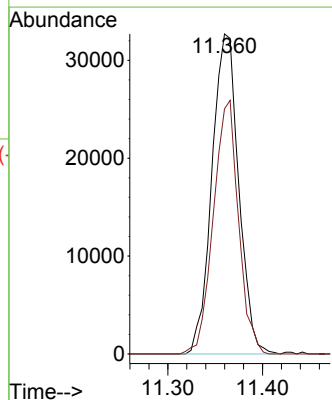
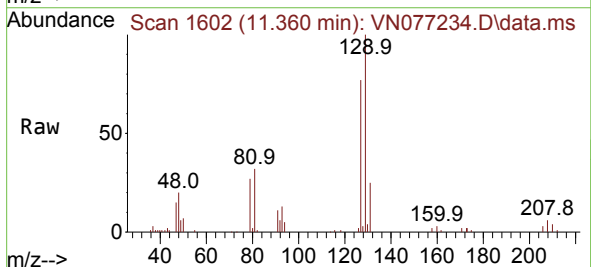
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

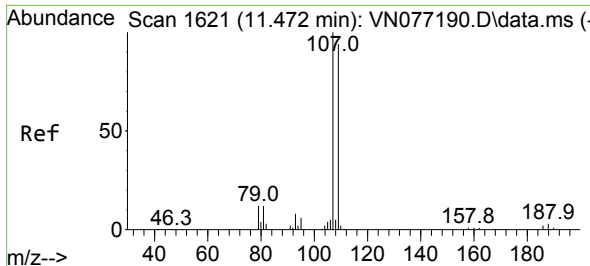
Tgt Ion: 43 Resp: 353988
Ion Ratio Lower Upper
43 100
58 50.5 32.6 98.0



#60
Dibromochloromethane
Concen: 20.576 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 129 Resp: 64231
Ion Ratio Lower Upper
129 100
127 74.2 39.6 118.8

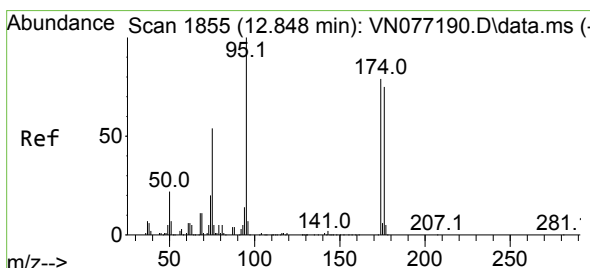
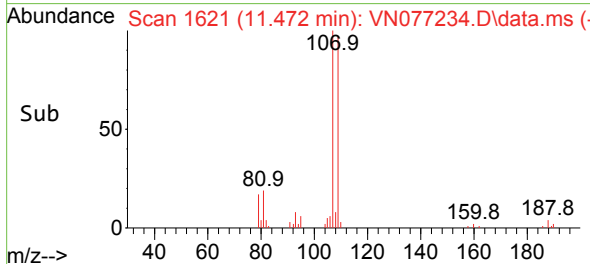
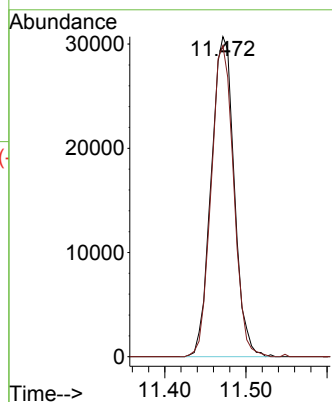
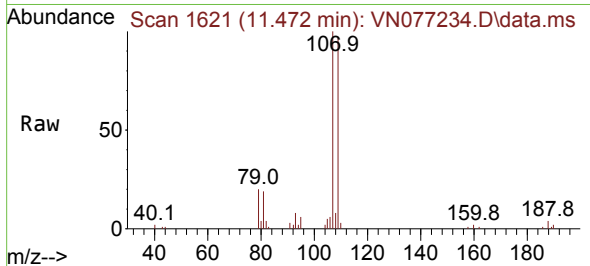




#61
1,2-Dibromoethane
Concen: 20.034 ug/l
RT: 11.472 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

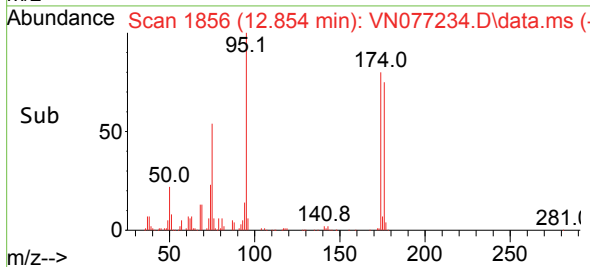
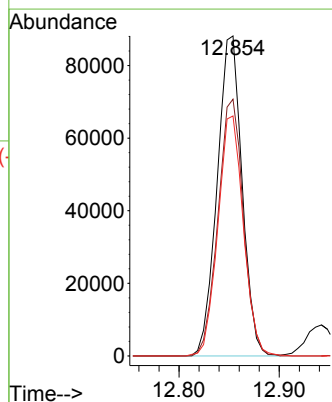
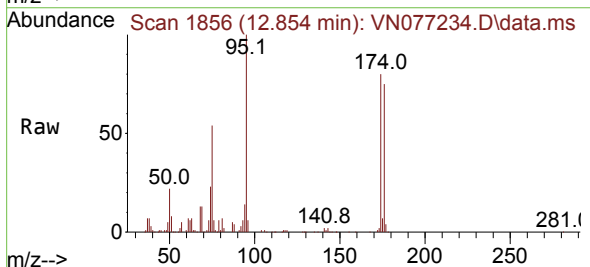
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

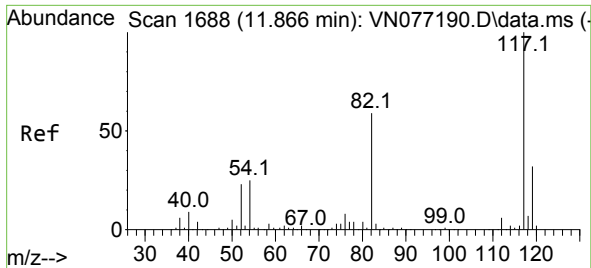
Tgt Ion:107 Resp: 60501
Ion Ratio Lower Upper
107 100
109 94.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 41.613 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 95 Resp: 152280
Ion Ratio Lower Upper
95 100
174 81.3 0.0 162.4
176 76.6 0.0 157.4

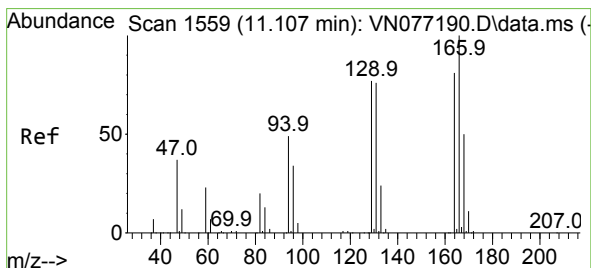
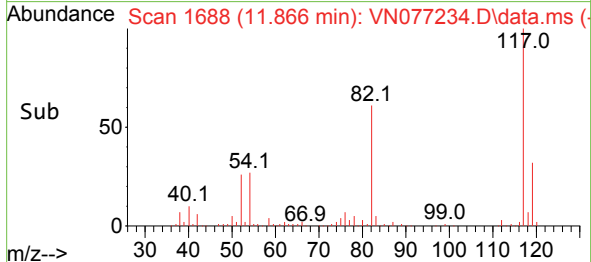
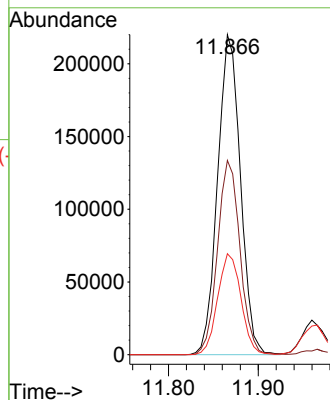
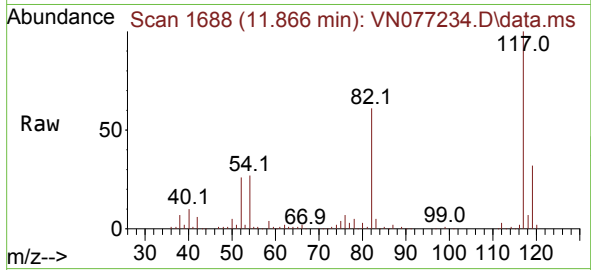




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

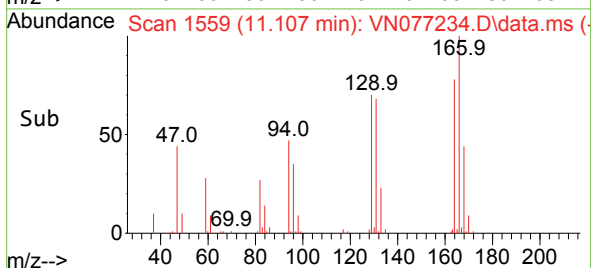
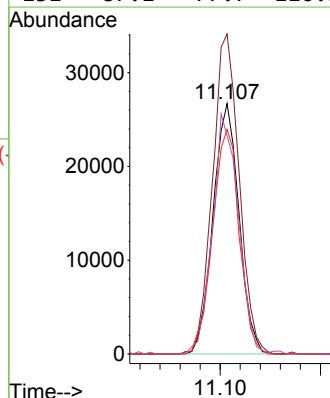
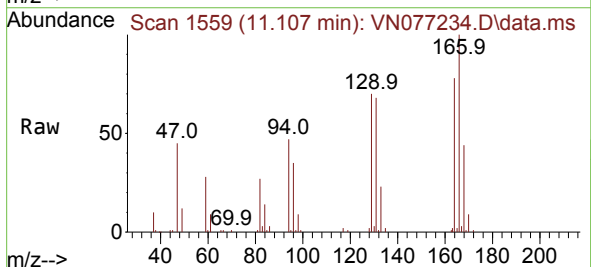
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

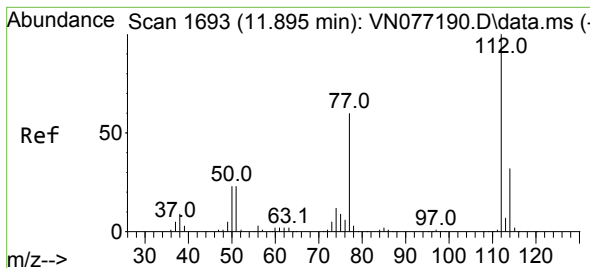
Tgt Ion:117 Resp: 388547
Ion Ratio Lower Upper
117 100
82 60.7 43.5 65.3
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 19.939 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion:164 Resp: 48057
Ion Ratio Lower Upper
164 100
166 127.8 102.7 154.1
129 89.6 81.5 122.3
131 87.1 77.7 116.5

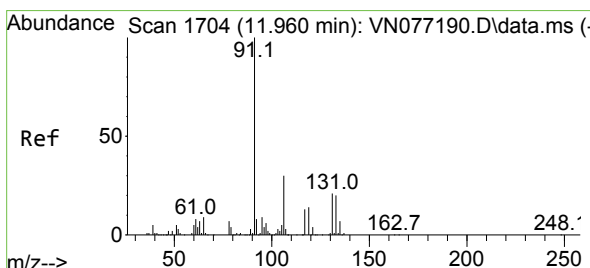
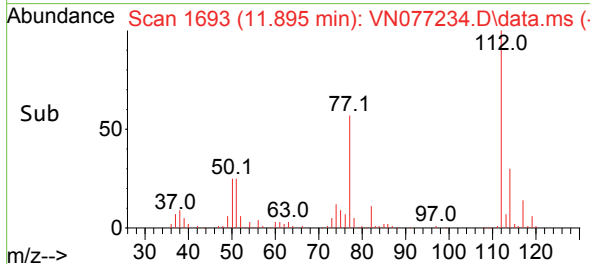
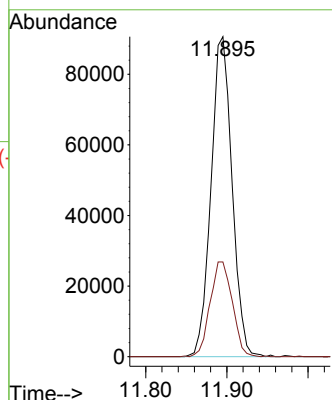
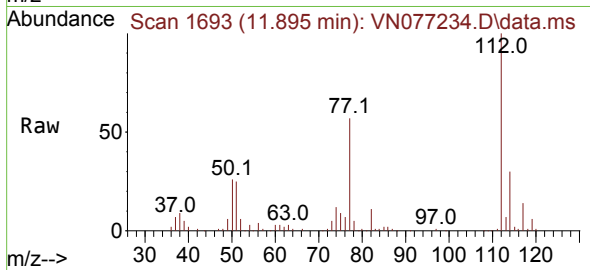




#65
Chlorobenzene
Concen: 20.848 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

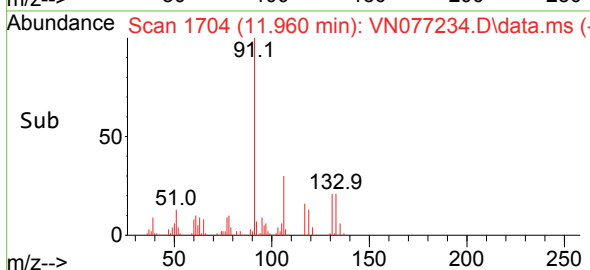
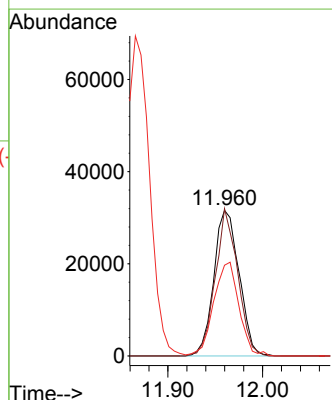
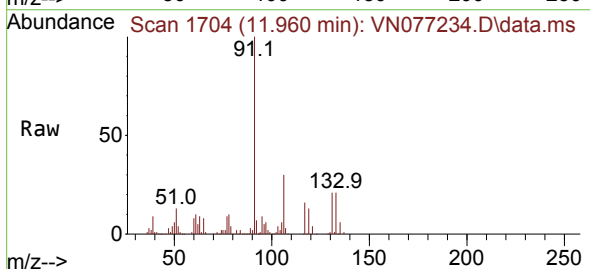
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

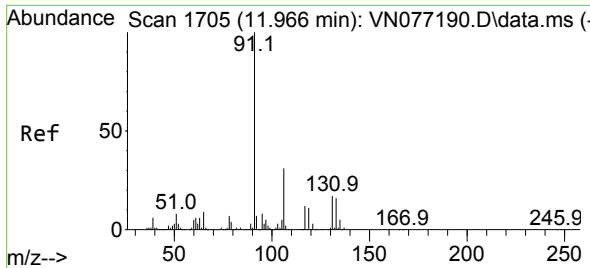
Tgt Ion:112 Resp: 163212
Ion Ratio Lower Upper
112 100
114 29.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.463 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion:131 Resp: 58523
Ion Ratio Lower Upper
131 100
133 90.0 47.9 143.8
119 64.5 33.1 99.2

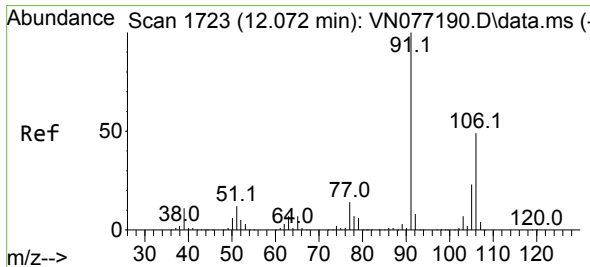
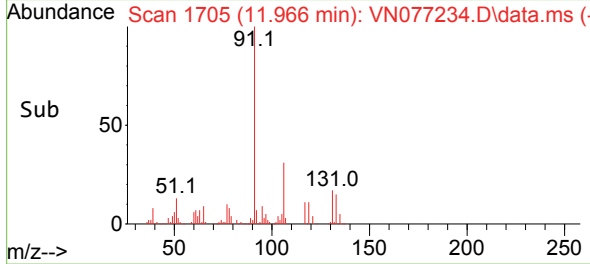
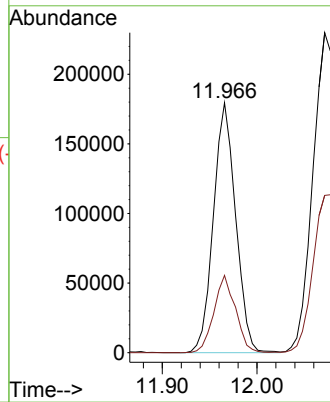
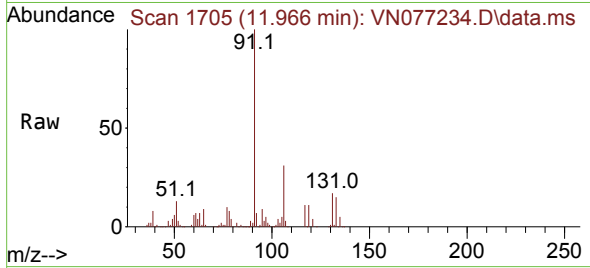




#67
Ethyl Benzene
Concen: 20.575 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

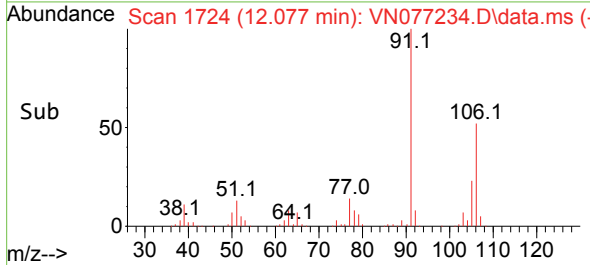
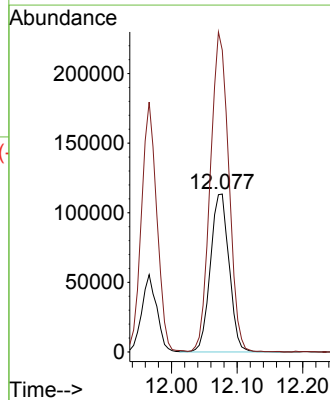
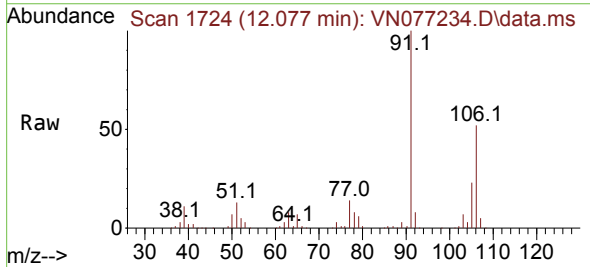
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

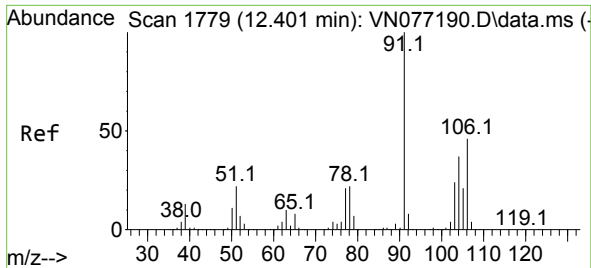
Tgt Ion: 91 Resp: 293024
Ion Ratio Lower Upper
91 100
106 30.9 25.1 37.7



#68
m/p-Xylenes
Concen: 41.503 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.005 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 106 Resp: 224817
Ion Ratio Lower Upper
106 100
91 199.5 158.0 237.0

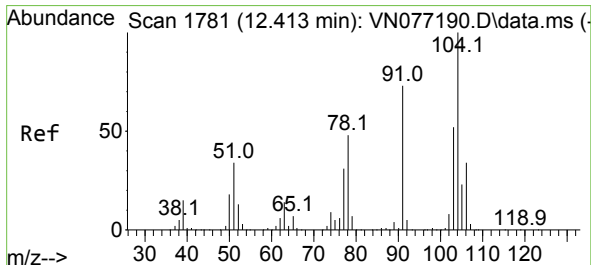
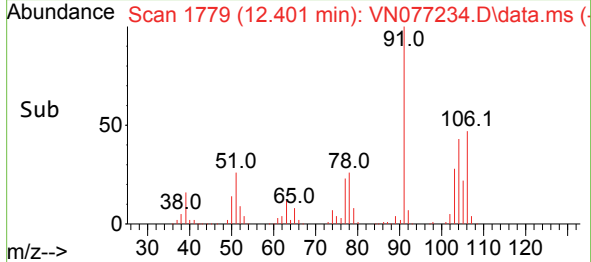
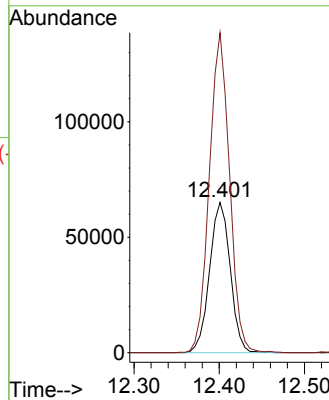
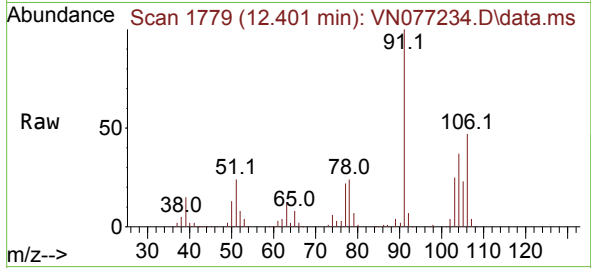




#69
o-Xylene
Concen: 20.901 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

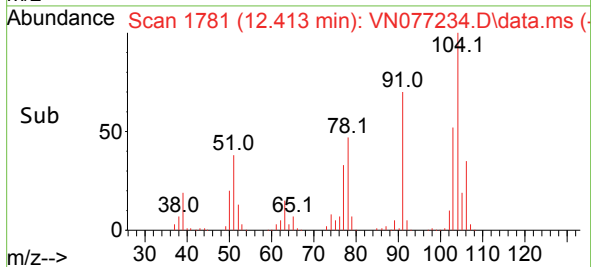
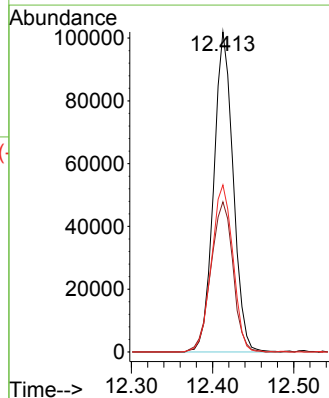
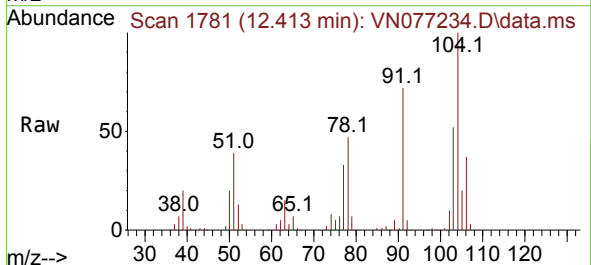
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

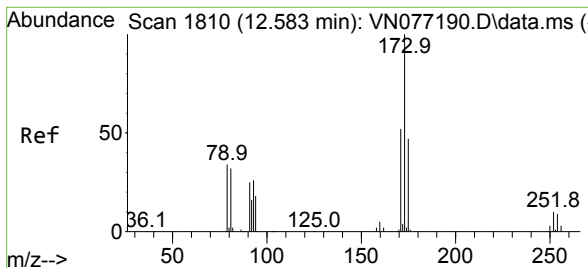
Tgt Ion:106 Resp: 109637
Ion Ratio Lower Upper
106 100
91 208.7 101.8 305.4



#70
Styrene
Concen: 20.080 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion:104 Resp: 170140
Ion Ratio Lower Upper
104 100
78 53.1 36.6 55.0
103 57.4 43.4 65.0





#71

Bromoform

Concen: 19.475 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

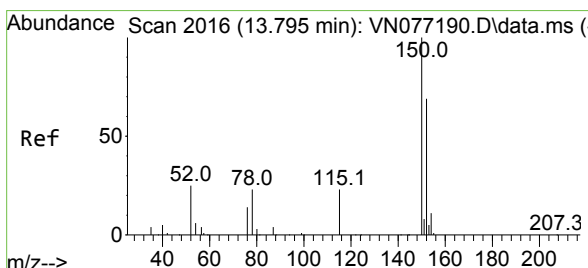
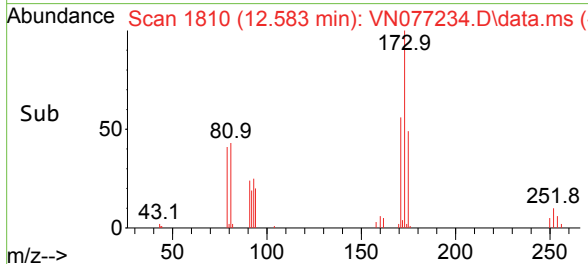
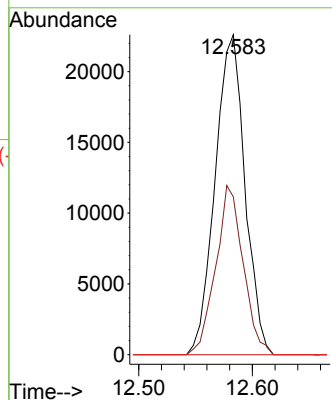
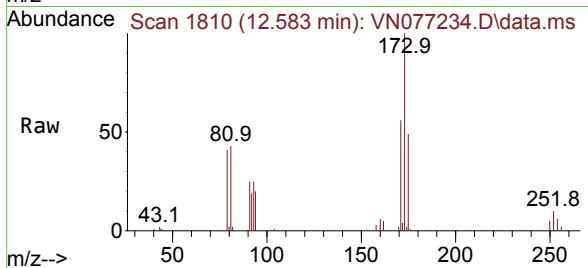
Tgt Ion:173 Resp: 41257

Ion Ratio Lower Upper

173 100

175 48.7 24.9 74.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

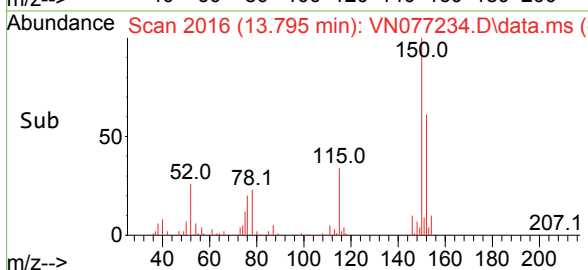
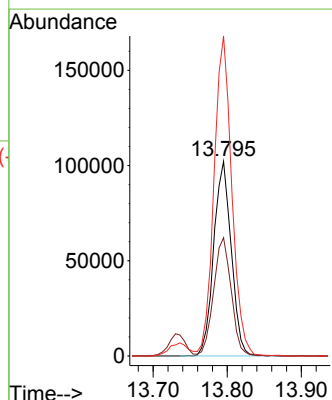
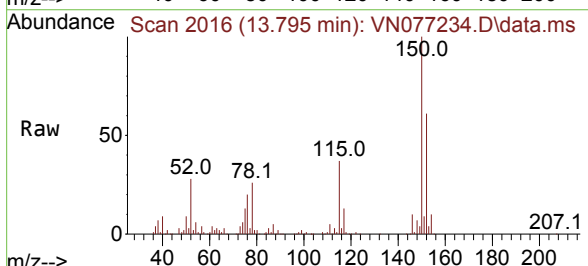
Tgt Ion:152 Resp: 167867

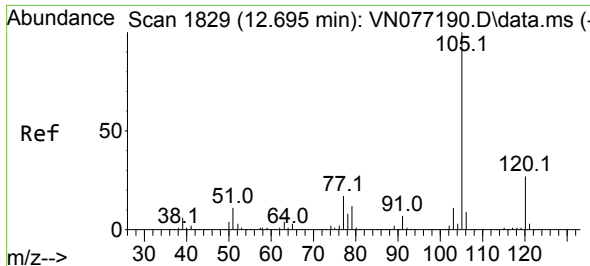
Ion Ratio Lower Upper

152 100

115 60.9 30.3 90.9

150 166.6 0.0 353.6

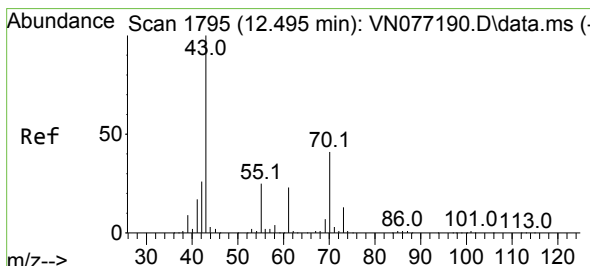
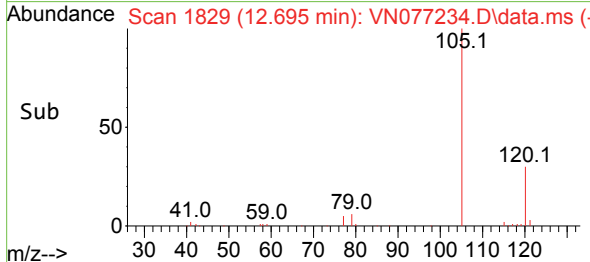
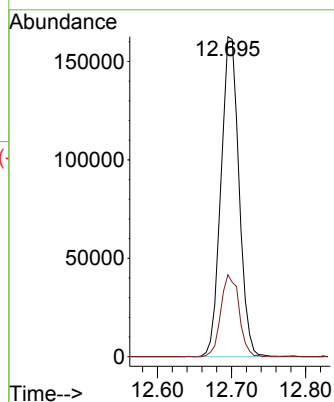
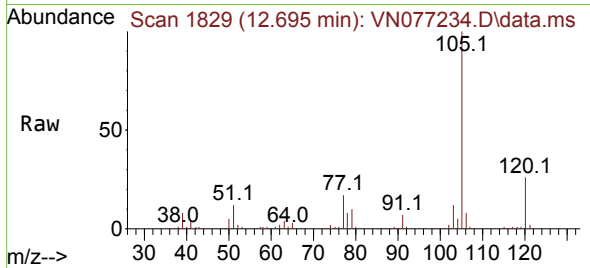




#73
Isopropylbenzene
Concen: 20.802 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

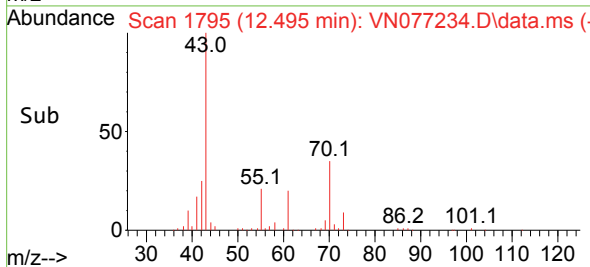
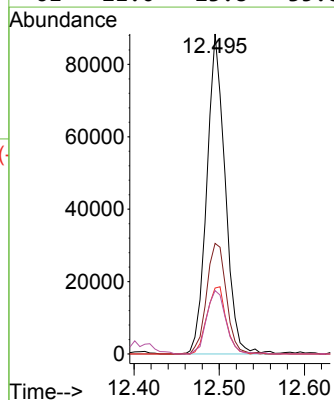
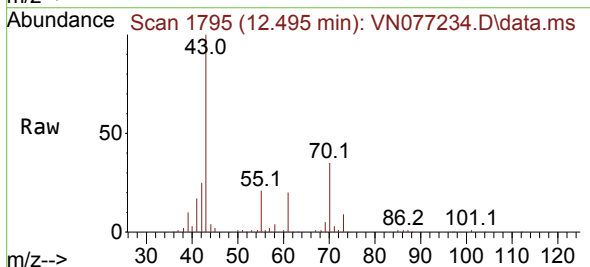
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

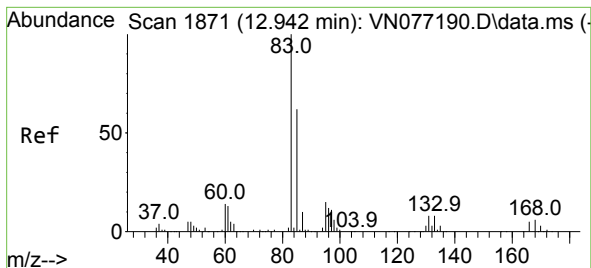
Tgt Ion:105 Resp: 274751
Ion Ratio Lower Upper
105 100
120 25.9 13.8 41.4



#74
N-ethyl acetate
Concen: 22.971 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 43 Resp: 132204
Ion Ratio Lower Upper
43 100
70 37.3 46.8 70.2#
55 22.0 23.4 35.2#
61 21.0 23.8 35.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.381 ug/l

RT: 12.936 min Scan# 1871

Delta R.T. -0.006 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

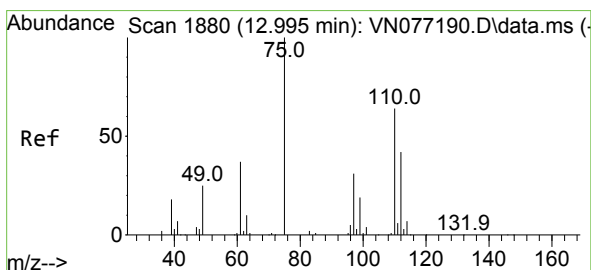
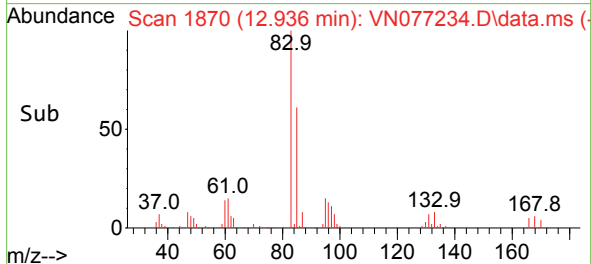
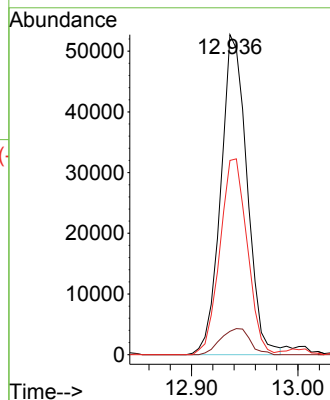
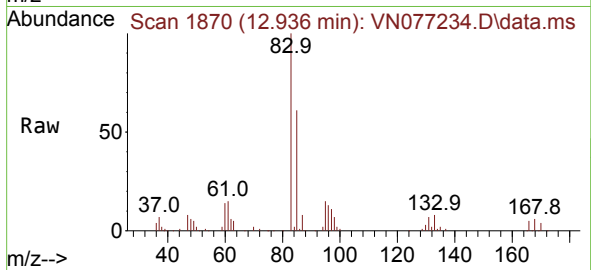
Tgt Ion: 83 Resp: 89915

Ion Ratio Lower Upper

83 100

131 9.2 5.3 16.1

85 63.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 32.863 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077234.D

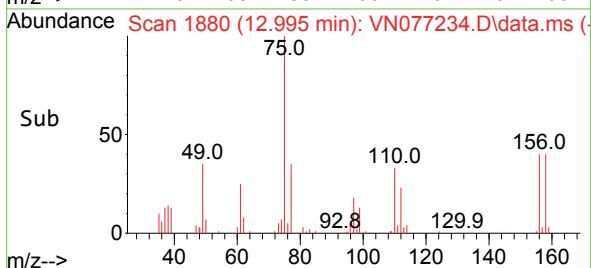
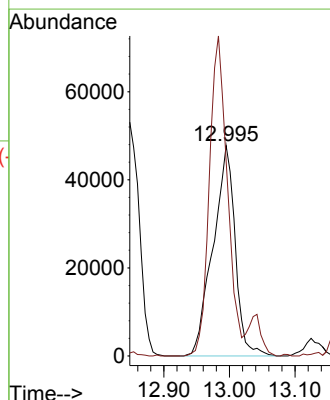
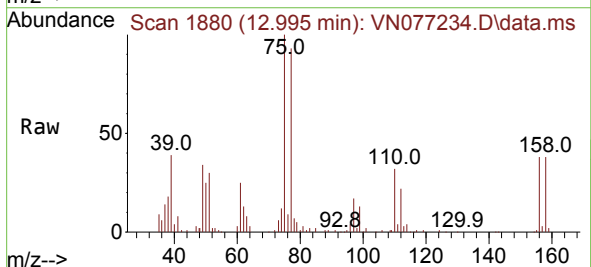
Acq: 28 Mar 2023 14:05

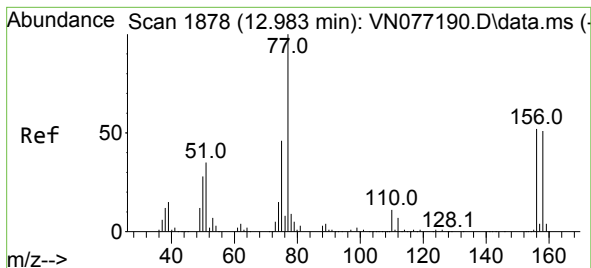
Tgt Ion: 75 Resp: 111908

Ion Ratio Lower Upper

75 100

77 123.4 93.8 281.4





#77

Bromobenzene

Concen: 20.274 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

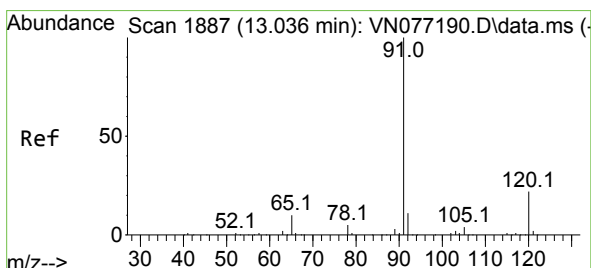
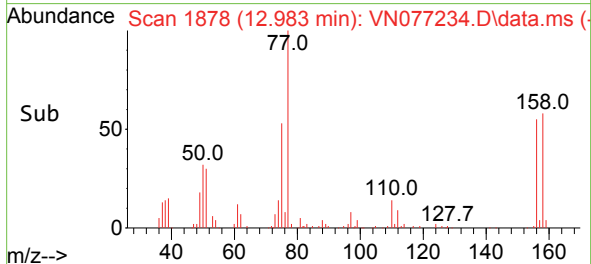
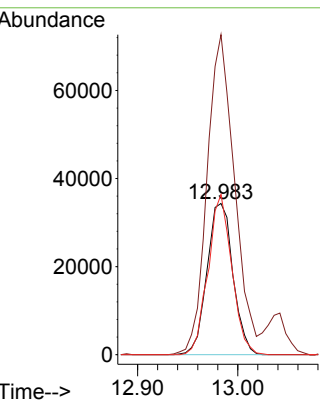
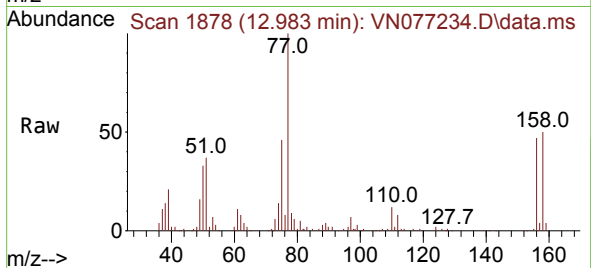
Tgt Ion:156 Resp: 61645

Ion Ratio Lower Upper

156 100

77 224.0 101.3 303.7

158 97.0 48.9 146.7



#78

n-propylbenzene

Concen: 20.782 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN077234.D

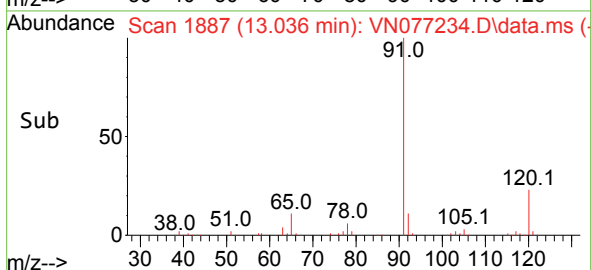
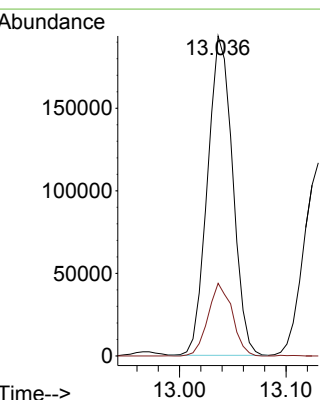
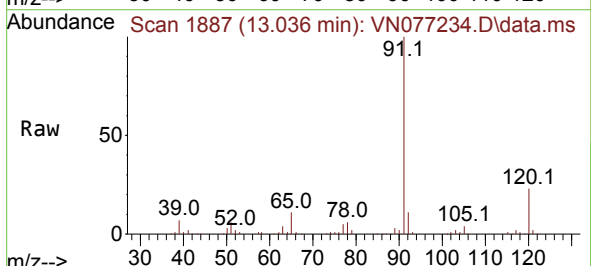
Acq: 28 Mar 2023 14:05

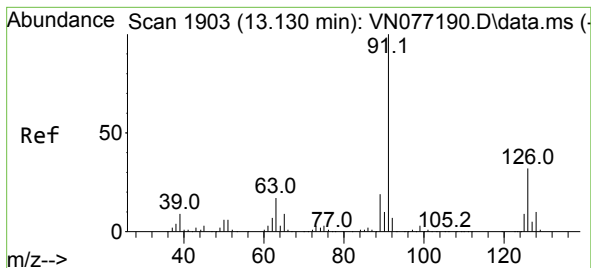
Tgt Ion: 91 Resp: 316549

Ion Ratio Lower Upper

91 100

120 21.9 11.9 35.7

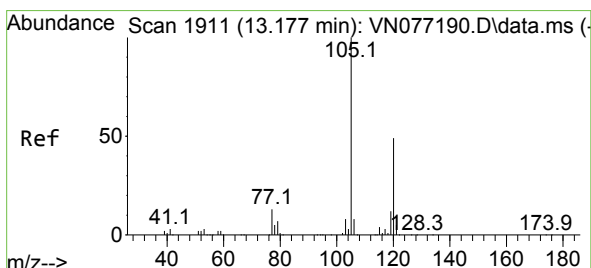
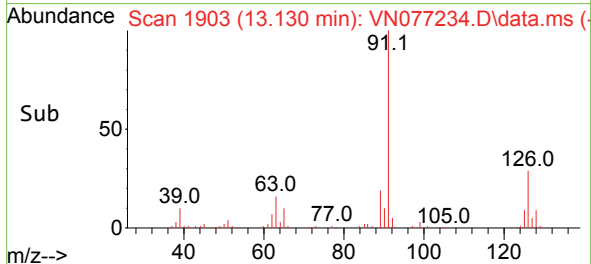
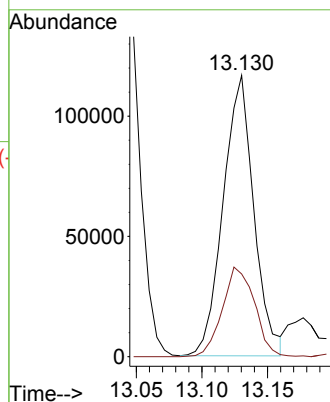
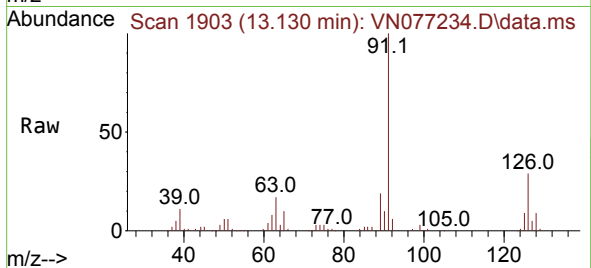




#79
2-Chlorotoluene
Concen: 20.253 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

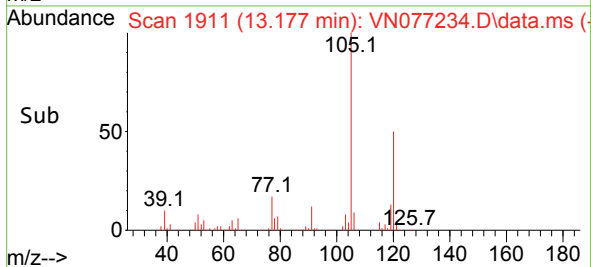
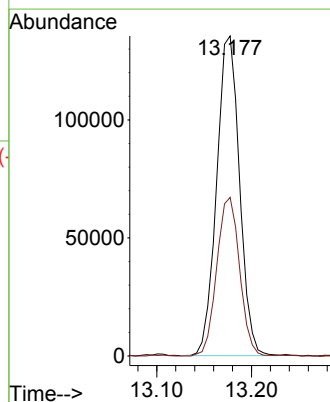
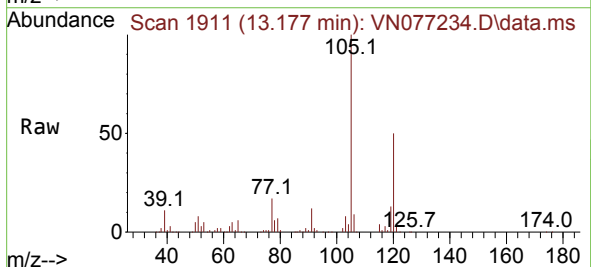
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

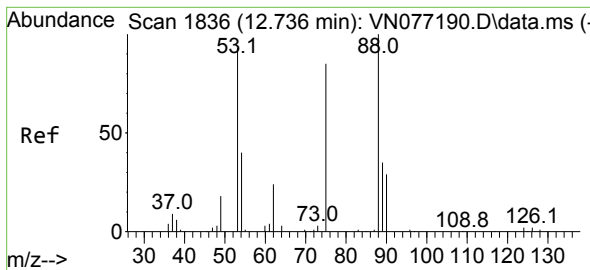
Tgt Ion: 91 Resp: 189705
Ion Ratio Lower Upper
91 100
126 33.7 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 20.663 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 105 Resp: 227269
Ion Ratio Lower Upper
105 100
120 49.6 25.2 75.6

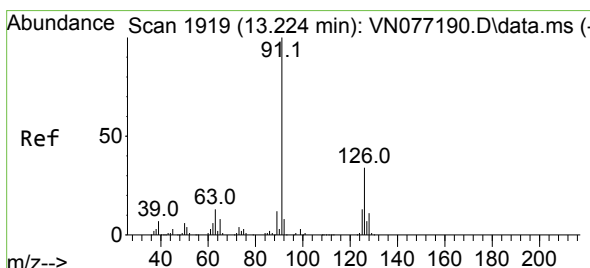
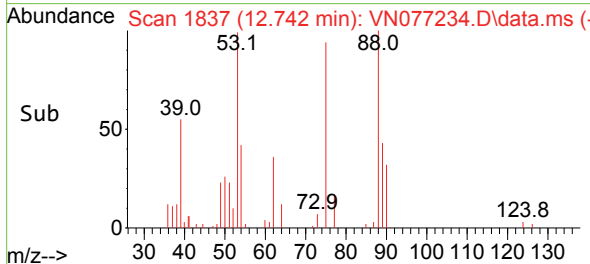
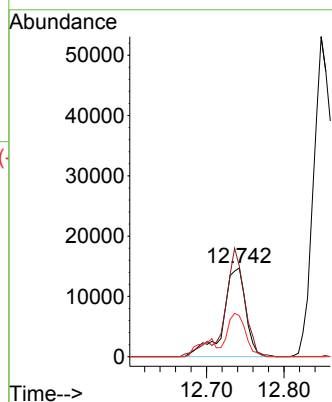
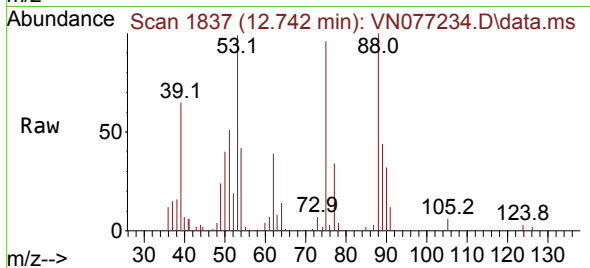




#81
trans-1,4-Dichloro-2-butene
Concen: 25.404 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

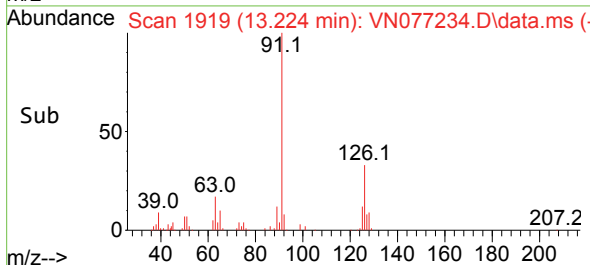
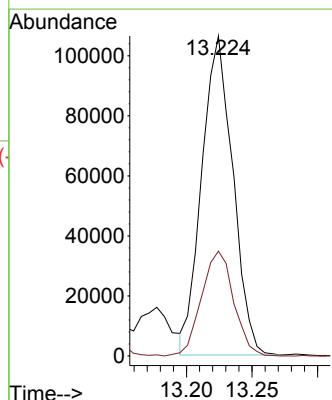
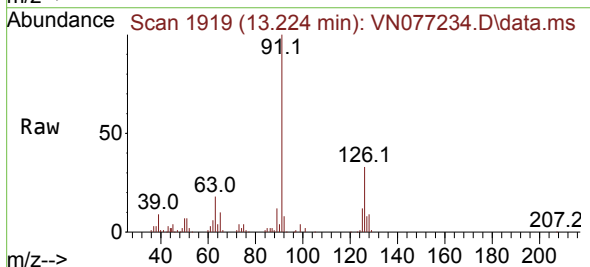
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

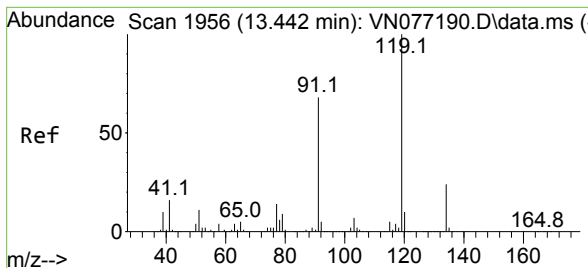
Tgt Ion: 75 Resp: 30015
Ion Ratio Lower Upper
75 100
53 108.2 67.4 101.0#
89 40.2 39.5 59.3



#82
4-Chlorotoluene
Concen: 19.717 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 91 Resp: 175301
Ion Ratio Lower Upper
91 100
126 33.9 18.0 54.0

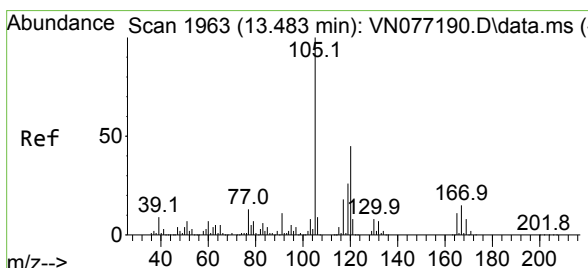
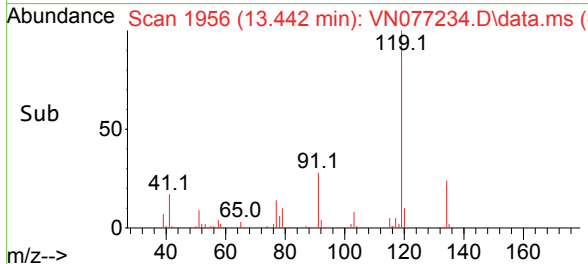
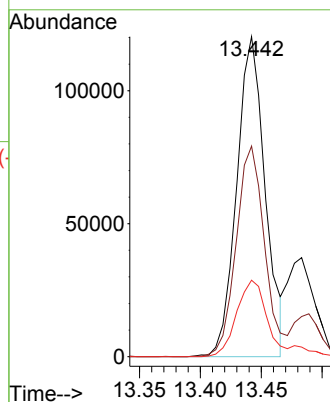
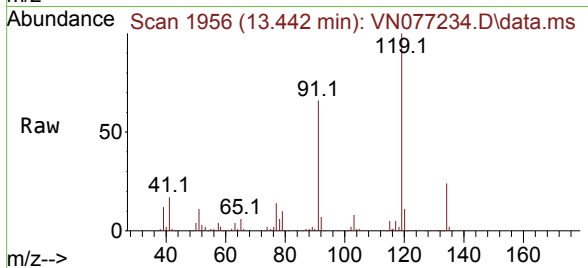




#83
tert-Butylbenzene
Concen: 20.984 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

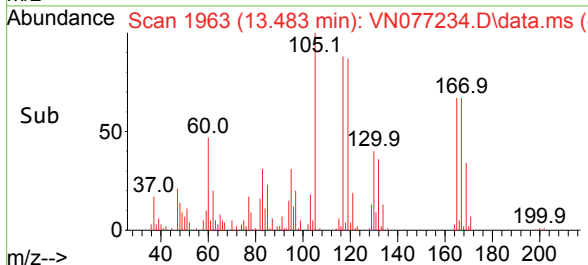
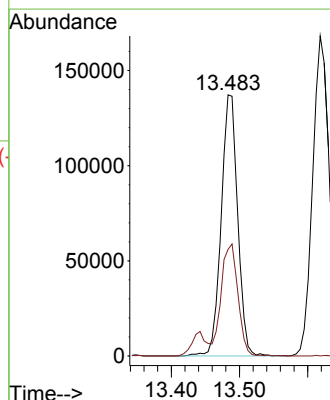
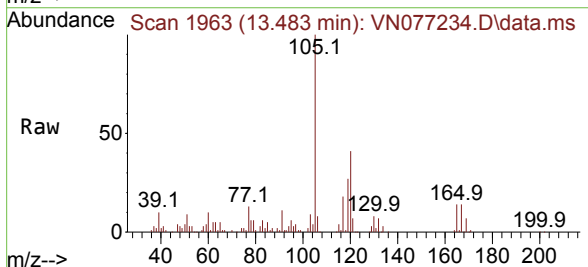
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

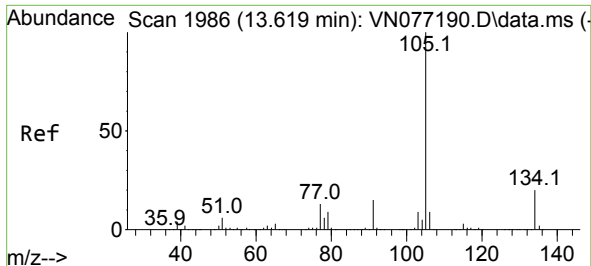
Tgt Ion:119 Resp: 195200
Ion Ratio Lower Upper
119 100
91 66.5 31.9 95.5
134 25.2 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 21.347 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion:105 Resp: 230735
Ion Ratio Lower Upper
105 100
120 43.4 23.6 70.8

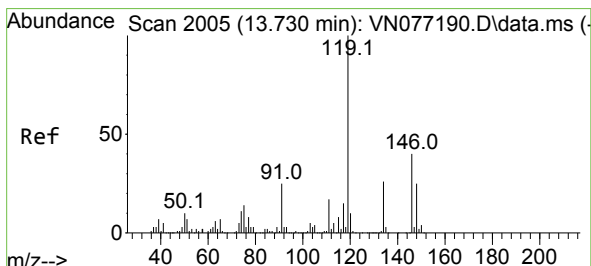
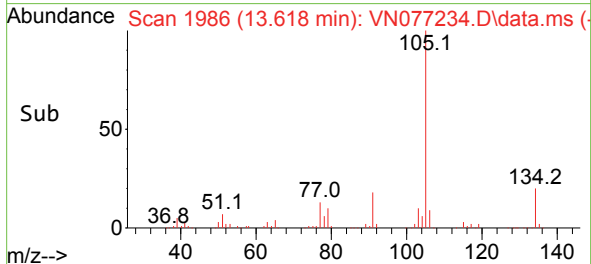
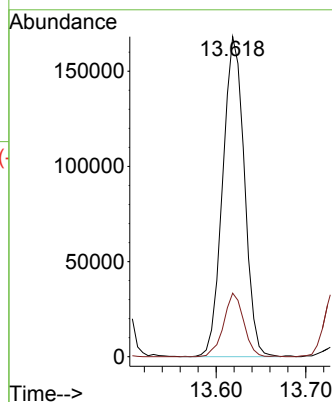
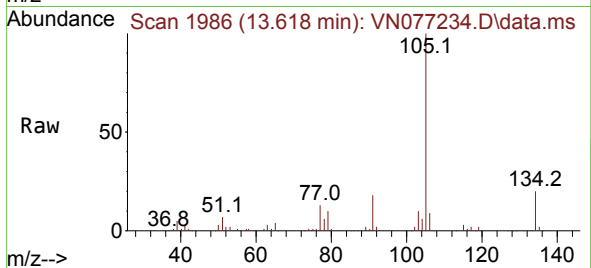




#85
 sec-Butylbenzene
 Concen: 21.234 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077234.D
 Acq: 28 Mar 2023 14:05

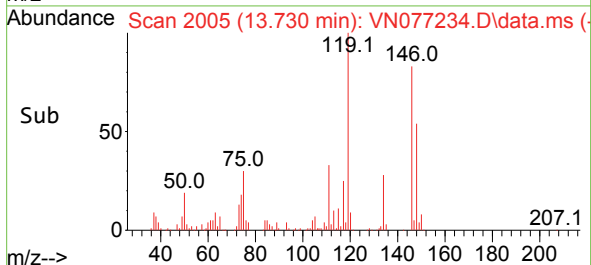
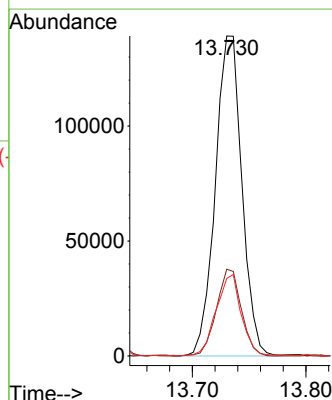
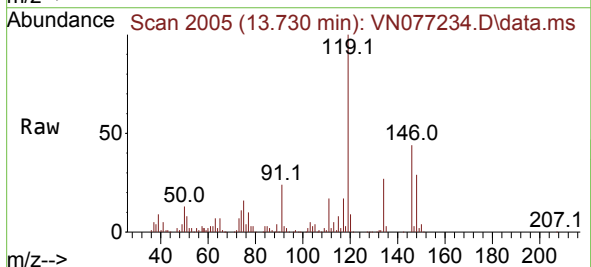
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0328WBSD01

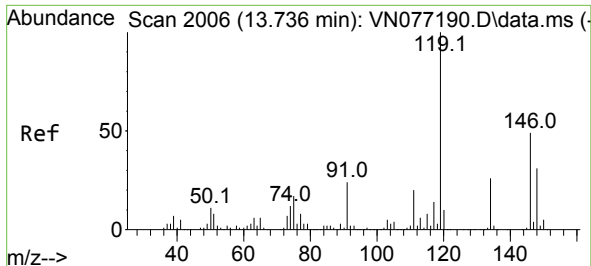
Tgt Ion:105 Resp: 281737
 Ion Ratio Lower Upper
 105 100
 134 18.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 21.320 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077234.D
 Acq: 28 Mar 2023 14:05

Tgt Ion:119 Resp: 226556
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.5 40.5
 91 24.4 11.2 33.6

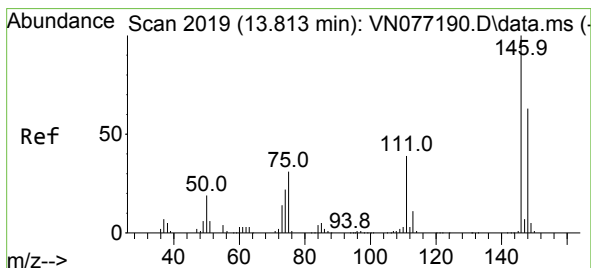
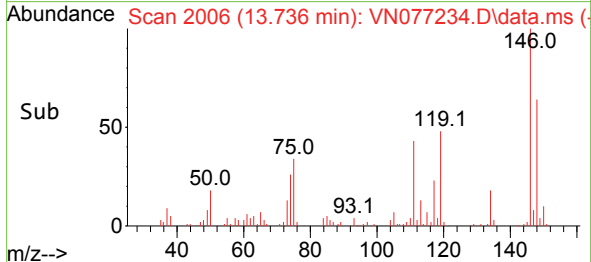
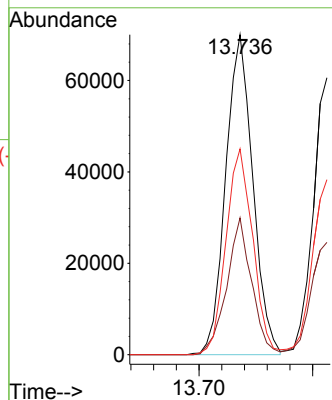
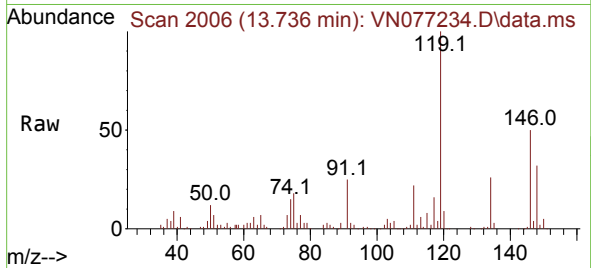




#87
1,3-Dichlorobenzene
Concen: 21.152 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

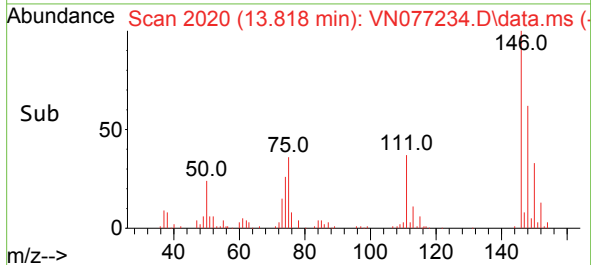
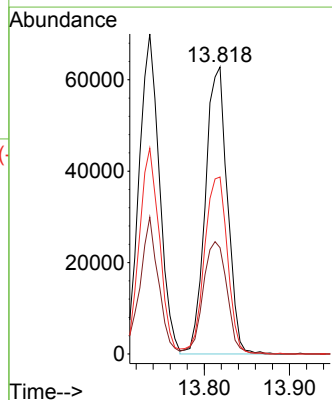
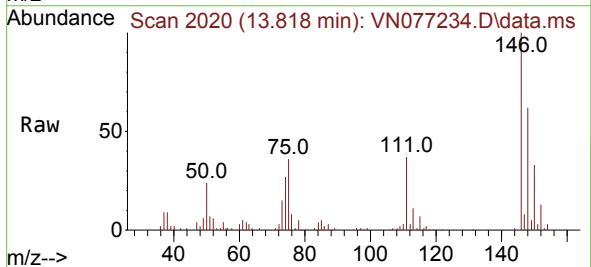
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

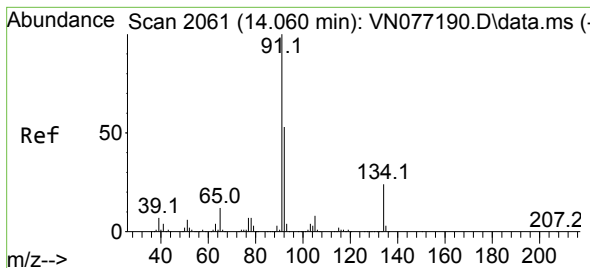
Tgt Ion:146 Resp: 116080
Ion Ratio Lower Upper
146 100
111 39.4 20.4 61.2
148 63.7 31.5 94.5



#88
1,4-Dichlorobenzene
Concen: 20.499 ug/l
RT: 13.818 min Scan# 2020
Delta R.T. 0.005 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion:146 Resp: 112516
Ion Ratio Lower Upper
146 100
111 42.5 20.0 60.0
148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 20.871 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

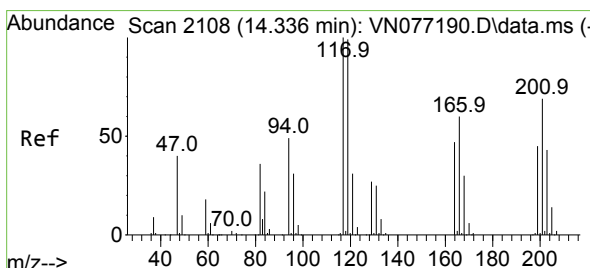
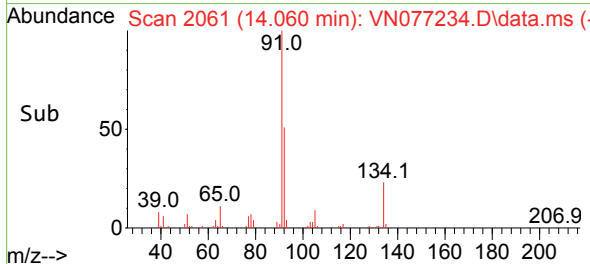
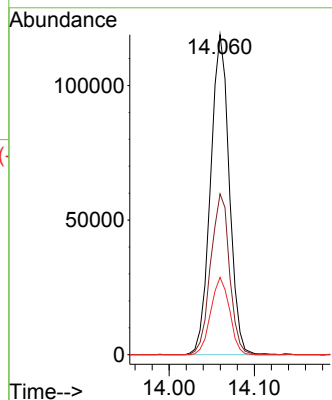
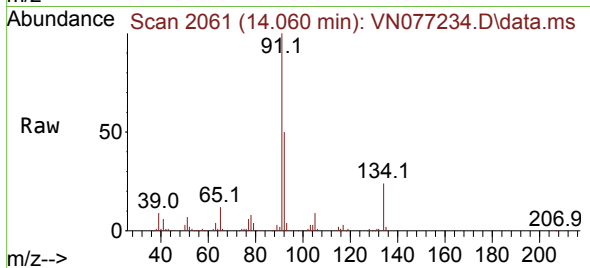
Tgt Ion: 91 Resp: 181825

Ion Ratio Lower Upper

91 100

92 50.6 26.6 79.7

134 24.2 13.6 40.7



#90

Hexachloroethane

Concen: 21.834 ug/l

RT: 14.330 min Scan# 2107

Delta R.T. -0.006 min

Lab File: VN077234.D

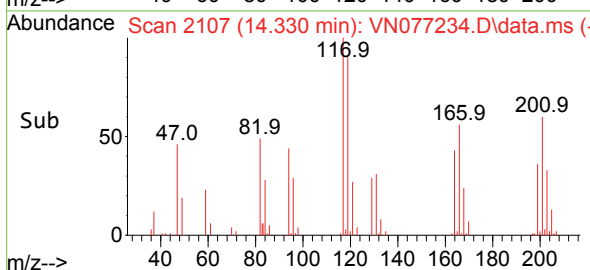
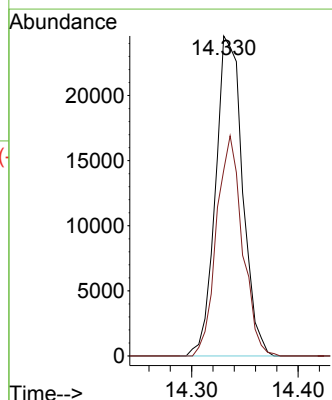
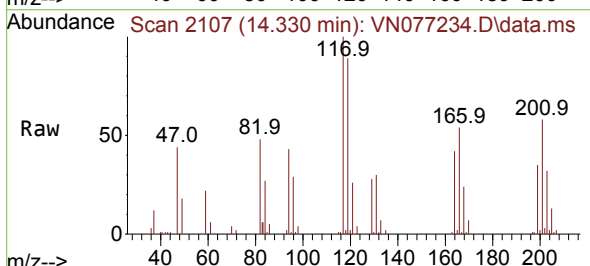
Acq: 28 Mar 2023 14:05

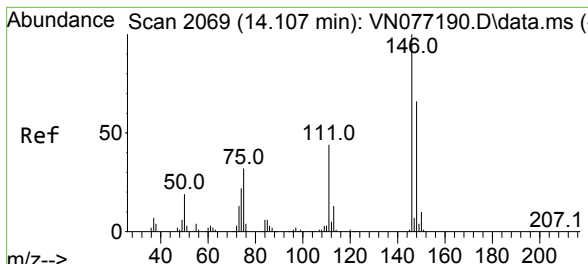
Tgt Ion: 117 Resp: 43236

Ion Ratio Lower Upper

117 100

201 66.3 31.9 95.7

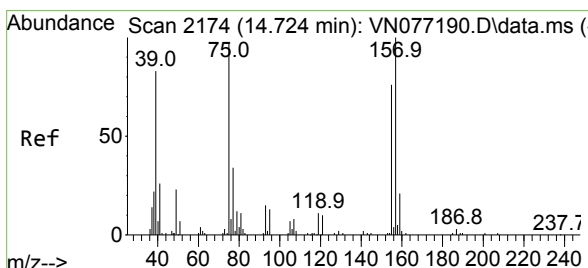
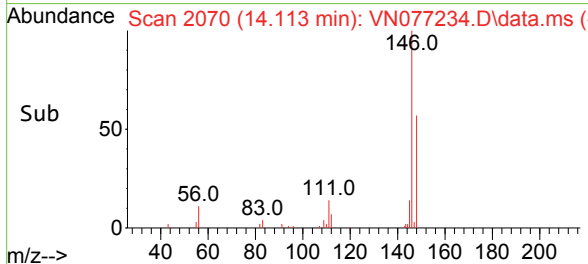
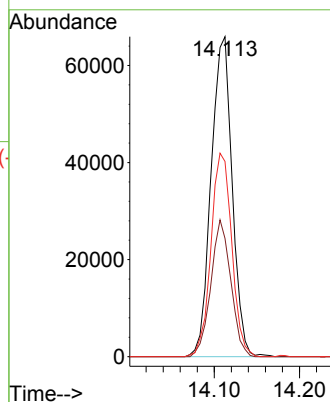
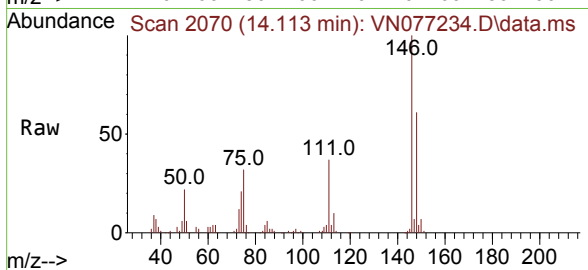




#91
1,2-Dichlorobenzene
Concen: 20.620 ug/l
RT: 14.113 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

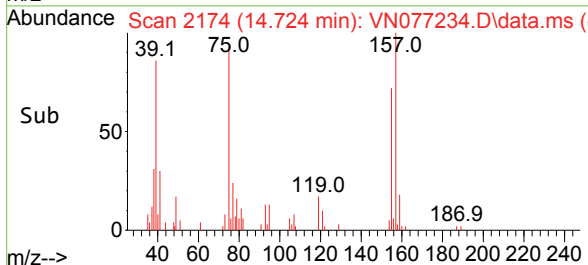
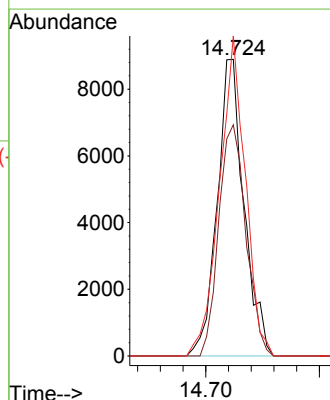
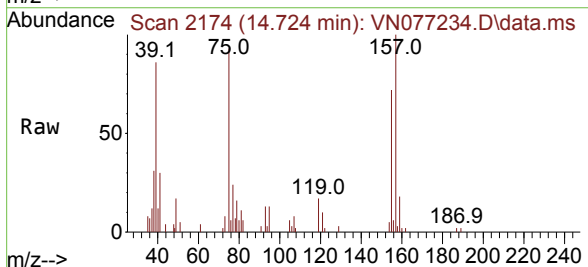
Instrument :
MSVOA_N
ClientSampleId :
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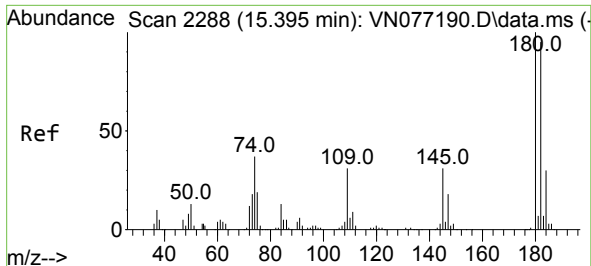
Tgt Ion:146 Resp: 112869
Ion Ratio Lower Upper
146 100
111 40.6 21.4 64.2
148 63.2 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.680 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion: 75 Resp: 14582
Ion Ratio Lower Upper
75 100
155 78.7 44.3 132.8
157 104.2 58.3 174.8

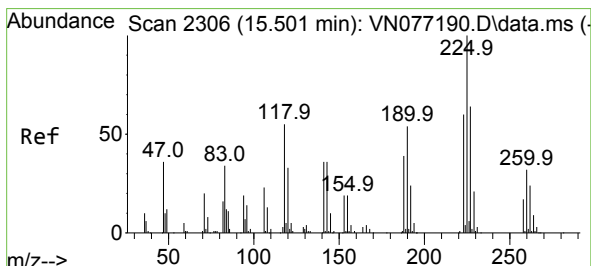
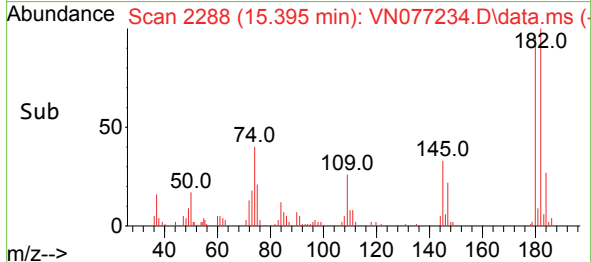
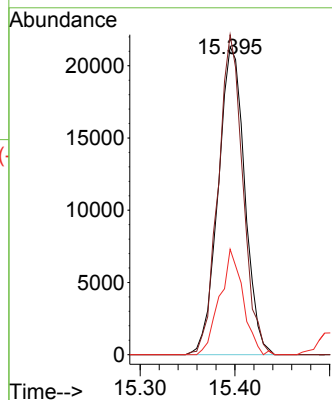
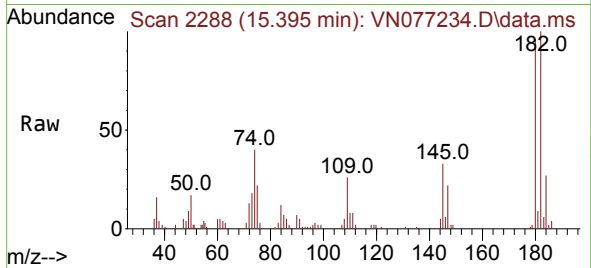




#93
1,2,4-Trichlorobenzene
Concen: 18.570 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

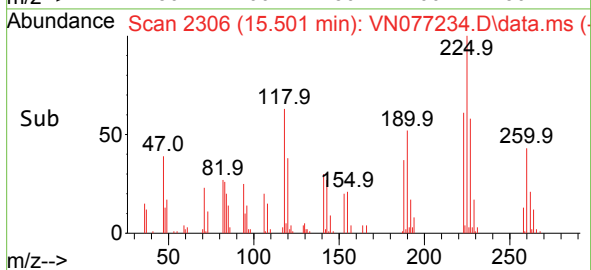
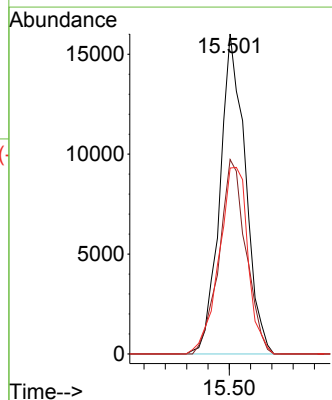
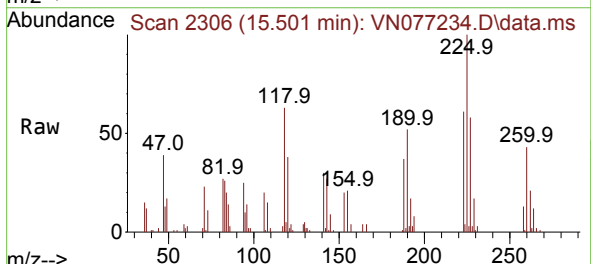
Instrument :
MSVOA_N
ClientSampleId :
VN0328WBSD01

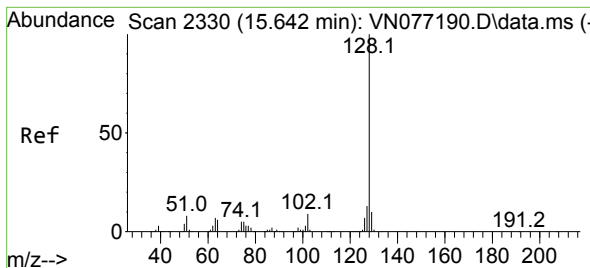
Tgt Ion:180 Resp: 41462
Ion Ratio Lower Upper
180 100
182 96.9 47.4 142.2
145 30.1 15.8 47.3



#94
Hexachlorobutadiene
Concen: 19.120 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.000 min
Lab File: VN077234.D
Acq: 28 Mar 2023 14:05

Tgt Ion:225 Resp: 26549
Ion Ratio Lower Upper
225 100
223 64.2 31.4 94.0
227 66.1 30.9 92.7





#95

Naphthalene

Concen: 18.203 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Instrument :

MSVOA_N

ClientSampleId :

VN0328WBSD01

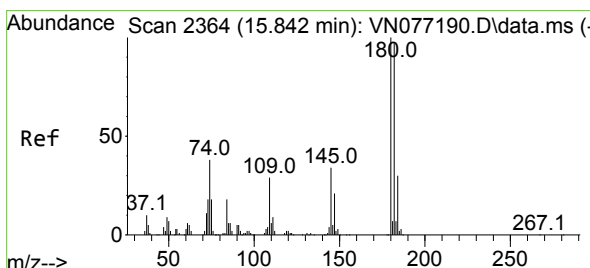
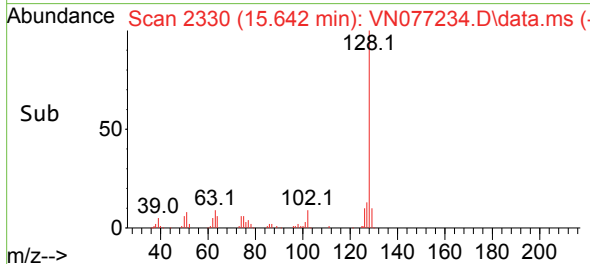
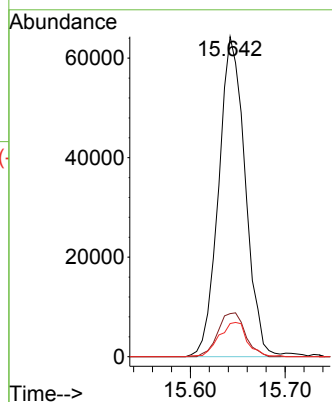
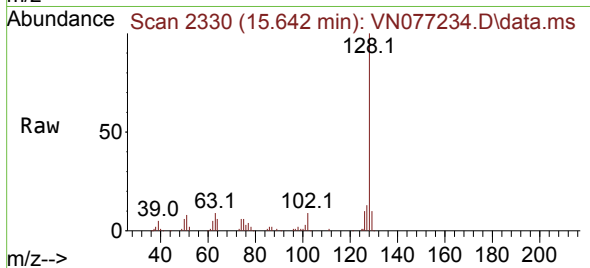
Tgt Ion:128 Resp: 125352

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 11.4 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.490 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077234.D

Acq: 28 Mar 2023 14:05

Tgt Ion:180 Resp: 42960

Ion Ratio Lower Upper

180 100

182 93.3 47.7 143.1

145 29.3 17.0 51.0

