

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077027.D
 Acq On : 17 Mar 2023 10:37
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: Mar 18 01:30:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 01:17:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	373739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	662599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	585983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	248600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	62236	10.425	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	20.860%#
35) Dibromofluoromethane	8.178	113	48049	10.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	21.380%#
50) Toluene-d8	10.571	98	166353	10.036	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	20.080%#
62) 4-Bromofluorobenzene	12.854	95	56729	9.685	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	19.380%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.143	85	35855	9.188	ug/l	93
3) Chloromethane	2.372	50	34771	9.234	ug/l	94
4) Vinyl Chloride	2.531	62	36766	9.045	ug/l	99
5) Bromomethane	2.978	94	25590	9.321	ug/l	96
6) Chloroethane	3.143	64	24973	9.710	ug/l	99
7) Trichlorofluoromethane	3.513	101	85175	9.741	ug/l	97
8) Diethyl Ether	3.978	74	30778	9.353	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	48378	9.753	ug/l	98
10) Methyl Iodide	4.607	142	54096	9.683	ug/l	99
11) Tert butyl alcohol	5.531	59	44625	51.299	ug/l	99
12) 1,1-Dichloroethene	4.360	96	42669	9.404	ug/l	97
13) Acrolein	4.190	56	52414	48.714	ug/l	100
14) Allyl chloride	5.042	41	75502	8.910	ug/l	95
15) Acrylonitrile	5.731	53	147788	50.535	ug/l	99
16) Acetone	4.442	43	135936	51.103	ug/l	99
17) Carbon Disulfide	4.725	76	122224	9.238	ug/l	98
18) Methyl Acetate	5.042	43	100859	10.055	ug/l	99
19) Methyl tert-butyl Ether	5.813	73	159565	9.798	ug/l	99
20) Methylene Chloride	5.289	84	54517	9.443	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	46411	9.437	ug/l	94
22) Diisopropyl ether	6.684	45	178090	9.785	ug/l	97
23) Vinyl Acetate	6.613	43	559077	49.937	ug/l	99
24) 1,1-Dichloroethane	6.578	63	99794	9.582	ug/l	97
25) 2-Butanone	7.489	43	195369	50.208	ug/l	99
26) 2,2-Dichloropropane	7.495	77	76484	9.760	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	56219	9.981	ug/l	98
28) Bromochloromethane	7.825	49	44854	9.917	ug/l	99
29) Tetrahydrofuran	7.848	42	127717	50.650	ug/l	100
30) Chloroform	7.972	83	99064	9.800	ug/l	99
31) Cyclohexane	8.260	56	97141	9.945	ug/l #	97
32) 1,1,1-Trichloroethane	8.178	97	83079	9.616	ug/l	99
36) 1,1-Dichloropropene	8.377	75	70786	9.767	ug/l	98
37) Ethyl Acetate	7.572	43	79898	10.303	ug/l	98
38) Carbon Tetrachloride	8.366	117	71013	10.059	ug/l	96
39) Methylcyclohexane	9.601	83	81309	9.585	ug/l	96
40) Benzene	8.613	78	218978	9.962	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	42425	10.523	ug/l	96
42) 1,2-Dichloroethane	8.677	62	79469	10.005	ug/l	99
43) Isopropyl Acetate	8.695	43	121647	10.042	ug/l	98
44) Trichloroethene	9.354	130	47733	9.454	ug/l	99
45) 1,2-Dichloropropane	9.624	63	57664	9.878	ug/l	96
46) Dibromomethane	9.713	93	36816	9.999	ug/l	99
47) Bromodichloromethane	9.895	83	76278	9.878	ug/l	97
48) Methyl methacrylate	9.683	41	57529	9.934	ug/l	99
49) 1,4-Dioxane	9.701	88	19434	196.476	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	387033	51.306	ug/l	99
52) Toluene	10.630	92	130262	9.925	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	71858	9.495	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	83992	9.836	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	52342	10.114	ug/l	95
56) Ethyl methacrylate	10.877	69	76212	9.793	ug/l	98
57) 1,3-Dichloropropane	11.166	76	94197	9.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	163203	49.191	ug/l	99
59) 2-Hexanone	11.195	43	281544	51.457	ug/l	97
60) Dibromochloromethane	11.360	129	50585	9.731	ug/l	98
61) 1,2-Dibromoethane	11.471	107	49890	9.721	ug/l	100
64) Tetrachloroethene	11.107	164	37615	9.565	ug/l	96
65) Chlorobenzene	11.895	112	126979	9.418	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	47667	9.555	ug/l	99
67) Ethyl Benzene	11.966	91	240836	9.834	ug/l	100
68) m/p-Xylenes	12.071	106	178762	19.682	ug/l	99
69) o-Xylene	12.401	106	88801	9.840	ug/l	99
70) Styrene	12.413	104	138774	9.877	ug/l	100
71) Bromoform	12.577	173	33523	9.916	ug/l #	98
73) Isopropylbenzene	12.701	105	221571	9.945	ug/l	100
74) N-amyl acetate	12.495	43	94679	9.818	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.936	83	82232	10.188	ug/l	97
76) 1,2,3-Trichloropropane	12.995	75	94863	14.750	ug/l	44
77) Bromobenzene	12.983	156	49335	9.885	ug/l	97
78) n-propylbenzene	13.036	91	256403	9.970	ug/l	98
79) 2-Chlorotoluene	13.130	91	166720	10.173	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	191803	10.312	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	24996	10.700	ug/l	94
82) 4-Chlorotoluene	13.224	91	155873	10.002	ug/l	98
83) tert-Butylbenzene	13.442	119	157887	10.110	ug/l	98
84) 1,2,4-Trimethylbenzene	13.483	105	186438	10.044	ug/l	98
85) sec-Butylbenzene	13.618	105	223708	10.070	ug/l	99
86) p-Isopropyltoluene	13.730	119	174957	9.807	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	93453	9.908	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	90932	9.690	ug/l	97
89) n-Butylbenzene	14.059	91	145869	9.320	ug/l	99
90) Hexachloroethane	14.342	117	34752	9.581	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	92978	9.889	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	14659	9.801	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	39443	9.280	ug/l	98
94) Hexachlorobutadiene	15.506	225	22133	9.456	ug/l	96
95) Naphthalene	15.648	128	126639	9.286	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	39506	9.263	ug/l	98

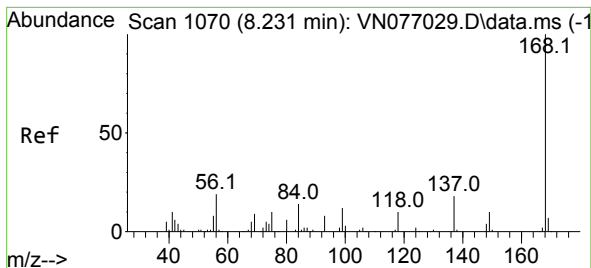
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Response via : Initial Calibration

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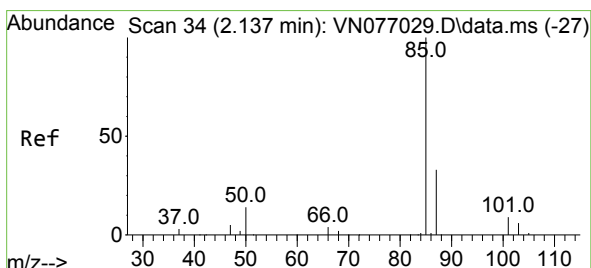
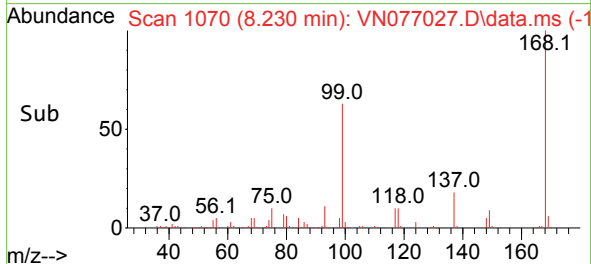
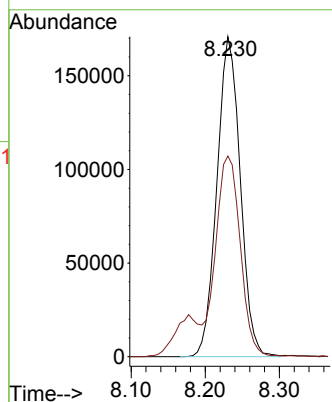
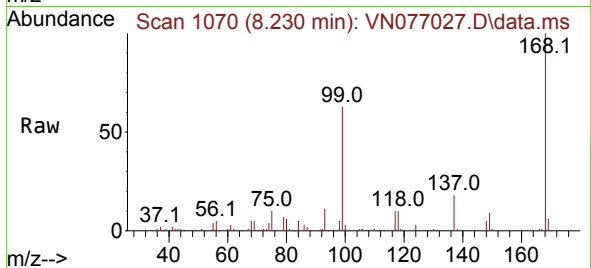
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
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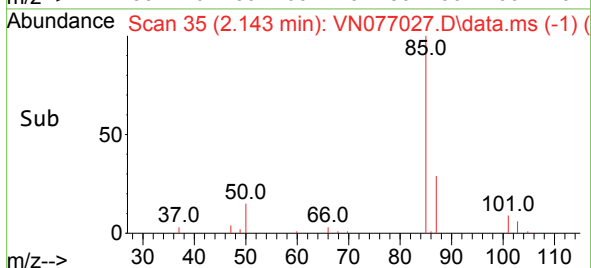
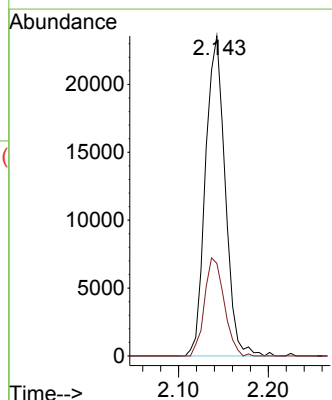
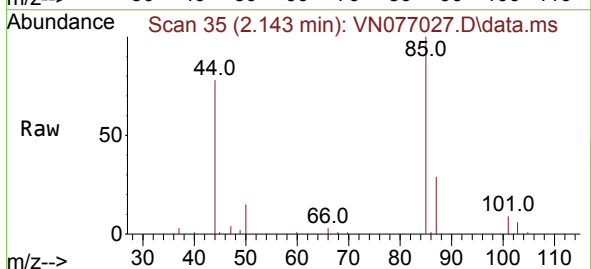
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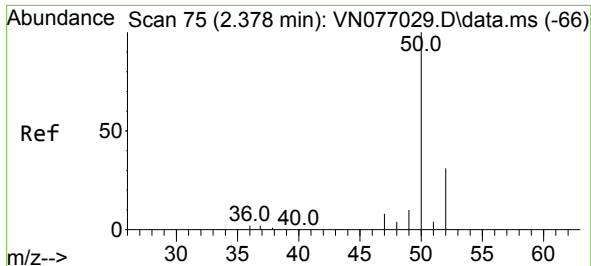
Tgt Ion:168 Resp: 373739
Ion Ratio Lower Upper
168 100
99 62.4 53.9 80.9



#2
Dichlorodifluoromethane
Concen: 9.188 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 85 Resp: 35855
Ion Ratio Lower Upper
85 100
87 29.0 16.4 49.2

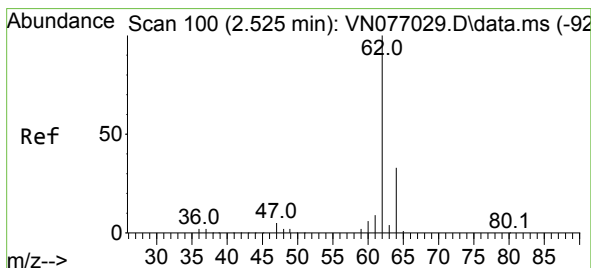
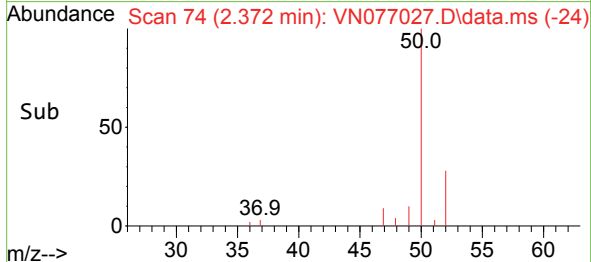
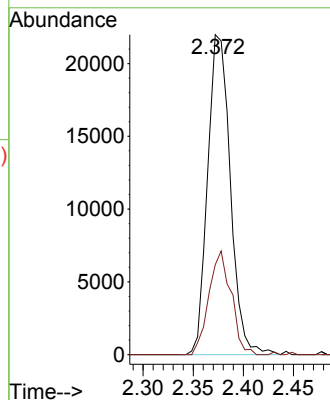
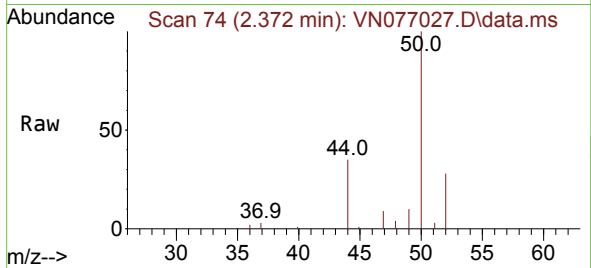




#3
Chloromethane
Concen: 9.234 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

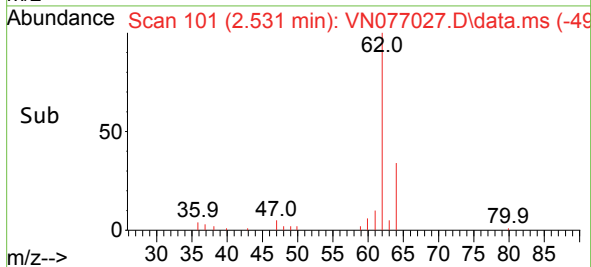
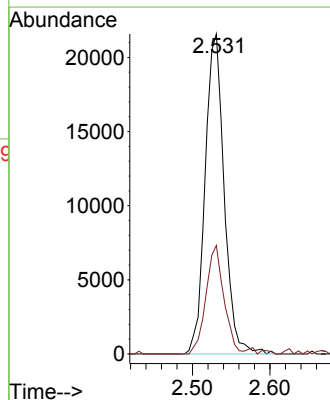
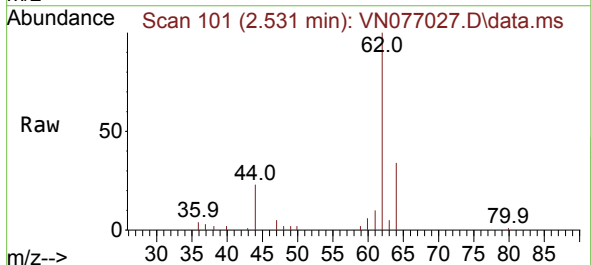
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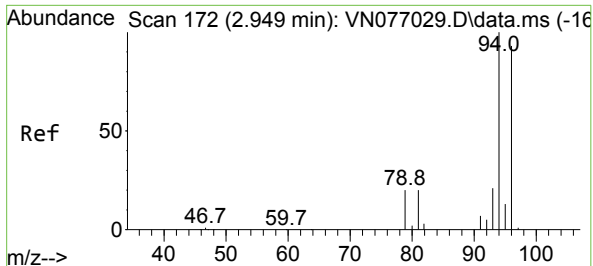
Tgt Ion: 50 Resp: 34771
Ion Ratio Lower Upper
50 100
52 28.1 25.1 37.7



#4
Vinyl Chloride
Concen: 9.045 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 62 Resp: 36766
Ion Ratio Lower Upper
62 100
64 33.9 26.6 40.0

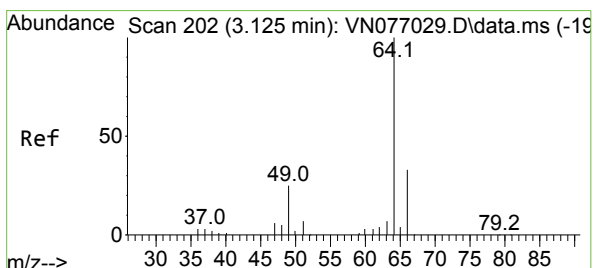
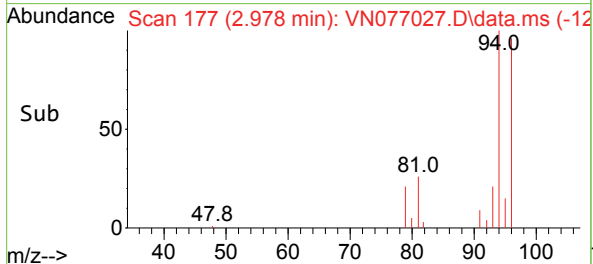
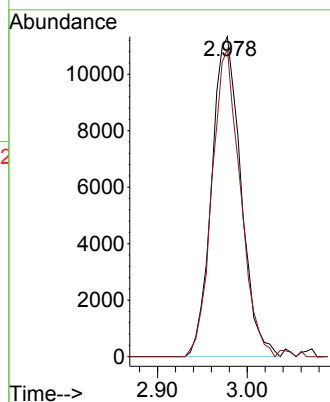
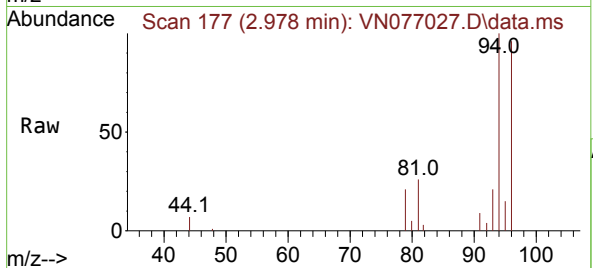




#5
Bromomethane
Concen: 9.321 ug/l
RT: 2.978 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

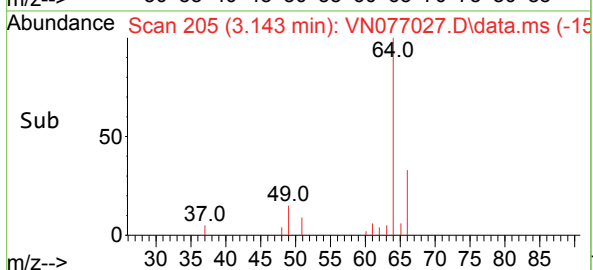
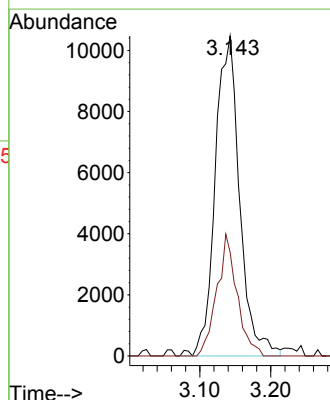
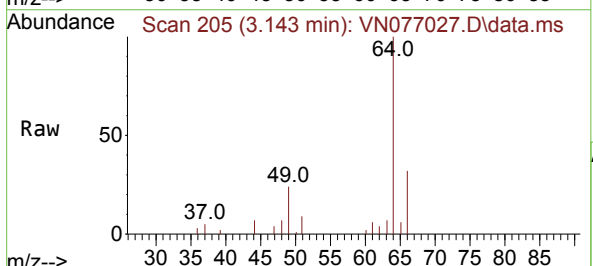
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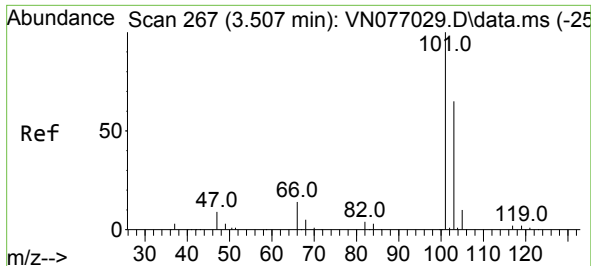
Tgt Ion: 94 Resp: 25590
Ion Ratio Lower Upper
94 100
96 96.2 74.1 111.1



#6
Chloroethane
Concen: 9.710 ug/l
RT: 3.143 min Scan# 205
Delta R.T. 0.018 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 64 Resp: 24973
Ion Ratio Lower Upper
64 100
66 32.5 26.3 39.5

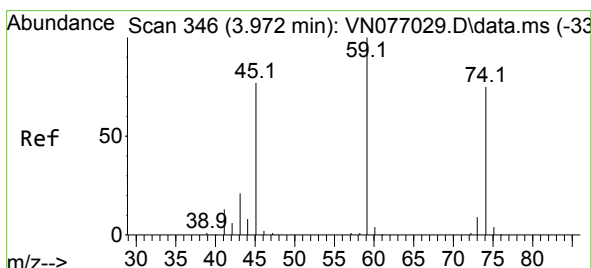
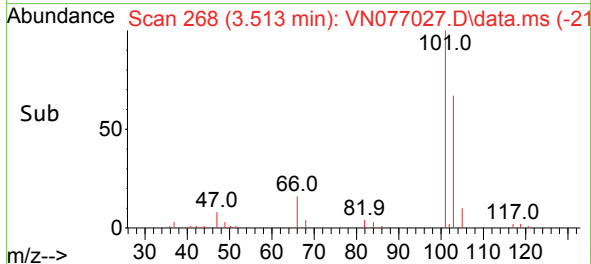
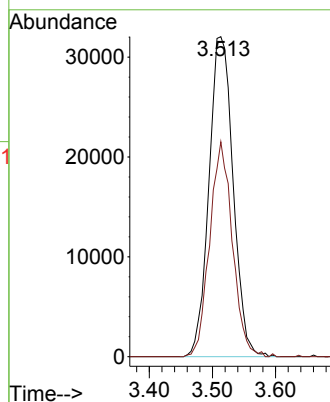
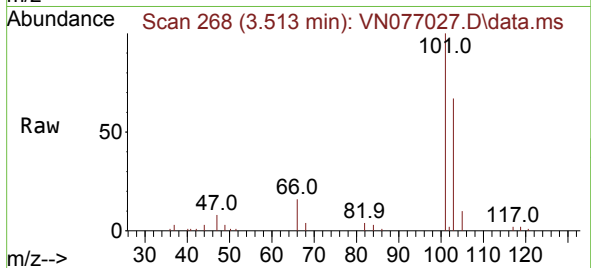




#7
Trichlorofluoromethane
Concen: 9.741 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

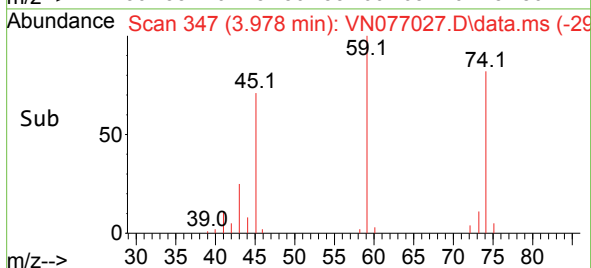
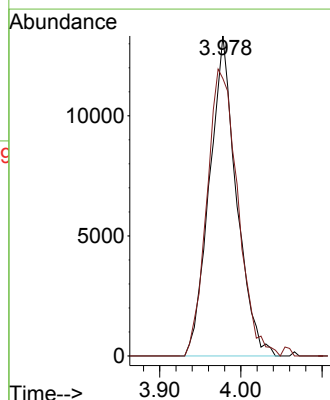
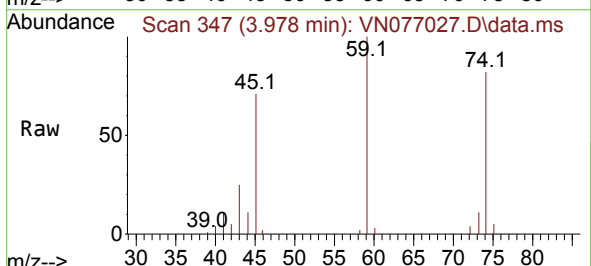
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MSVOA_N
ClientSampleId :
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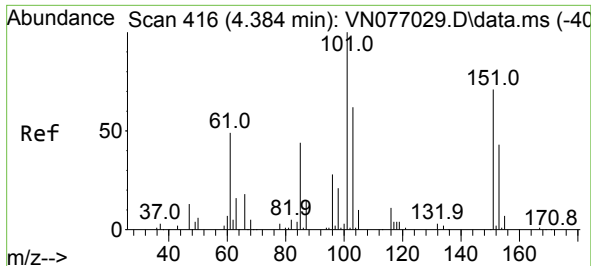
Tgt Ion:101 Resp: 85175
Ion Ratio Lower Upper
101 100
103 67.1 51.8 77.6



#8
Diethyl Ether
Concen: 9.353 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 74 Resp: 30778
Ion Ratio Lower Upper
74 100
45 102.6 50.8 152.5

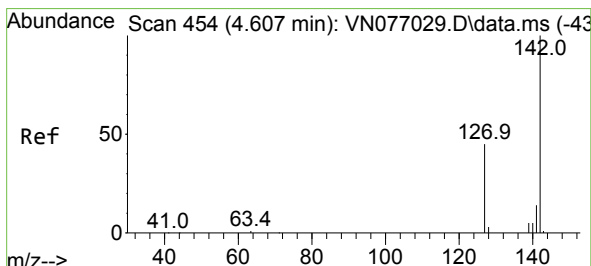
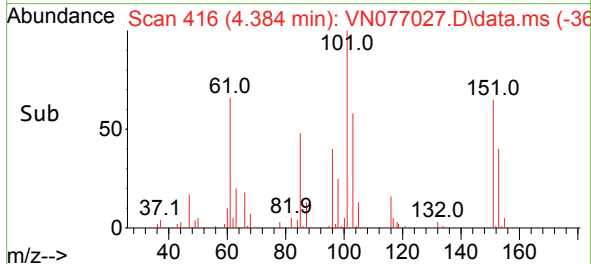
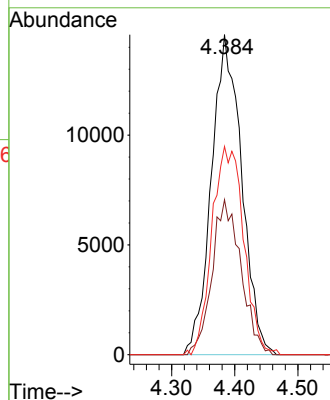
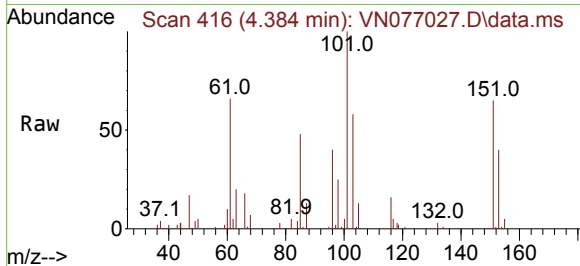




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.753 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077027.D
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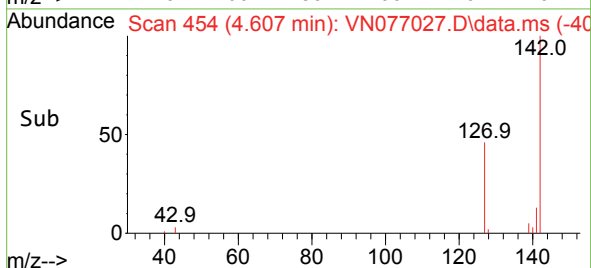
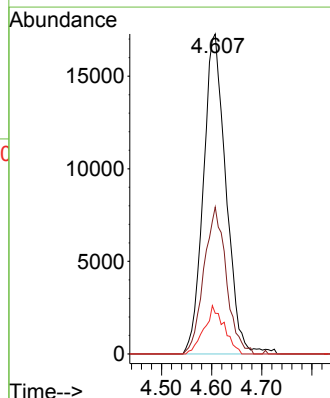
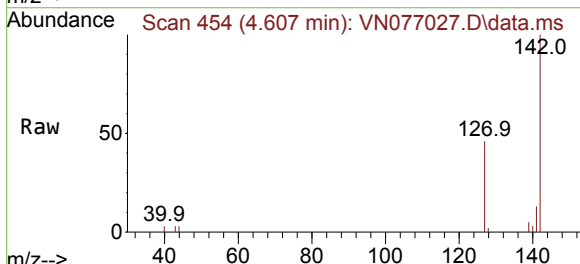
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

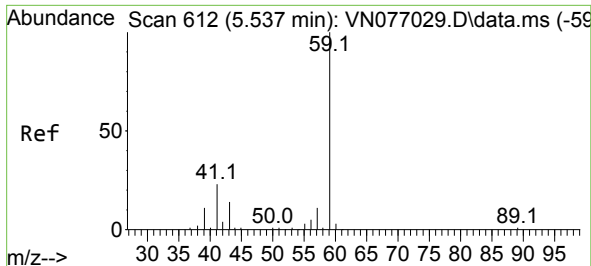
Tgt Ion:101 Resp: 48378
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 68.5 56.9 85.3



#10
Methyl Iodide
Concen: 9.683 ug/l
RT: 4.607 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion:142 Resp: 54096
Ion Ratio Lower Upper
142 100
127 45.9 36.1 54.1
141 12.7 10.8 16.2

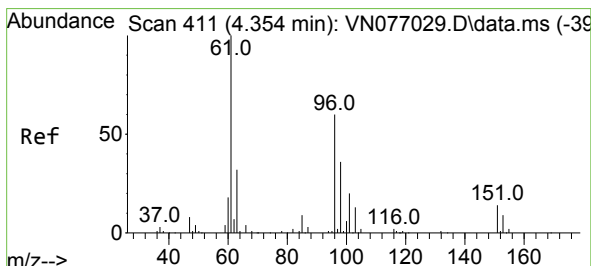
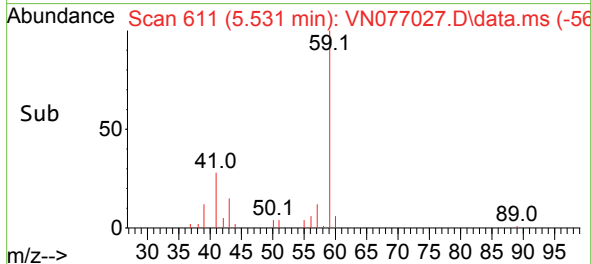
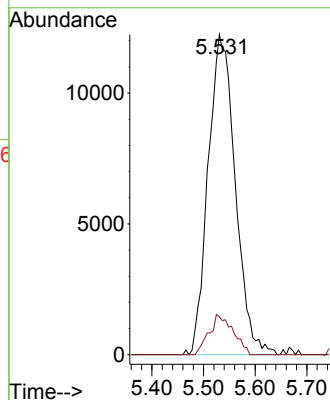
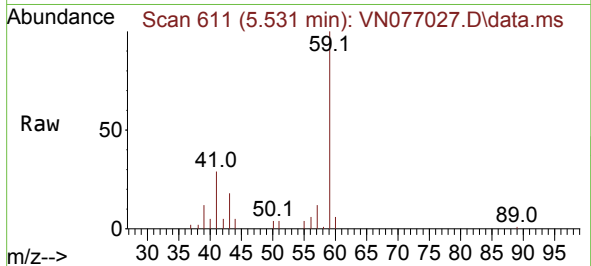




#11
Tert butyl alcohol
Concen: 51.299 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

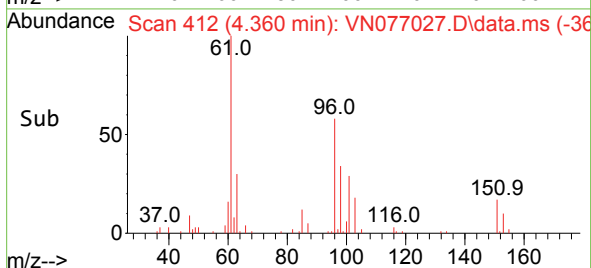
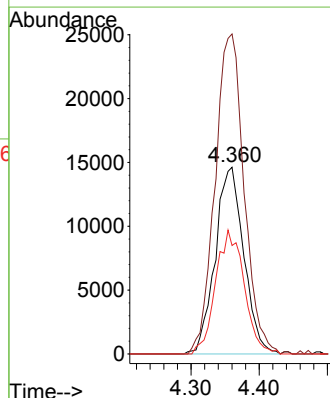
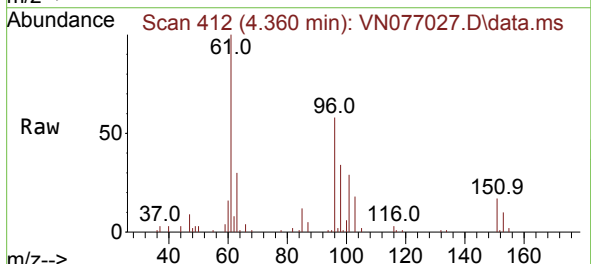
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

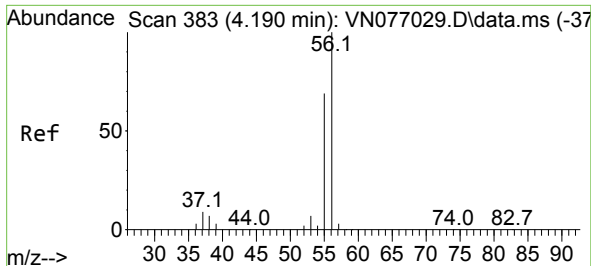
Tgt Ion: 59 Resp: 44625
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 9.404 ug/l
RT: 4.360 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 96 Resp: 42669
Ion Ratio Lower Upper
96 100
61 171.3 133.8 200.8
98 58.1 48.6 72.8

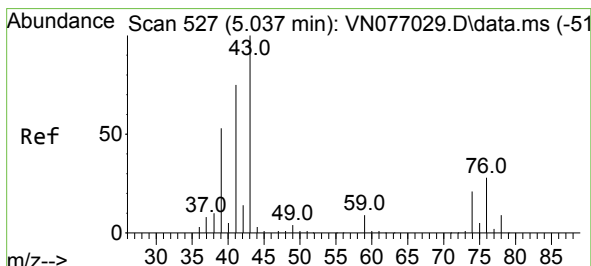
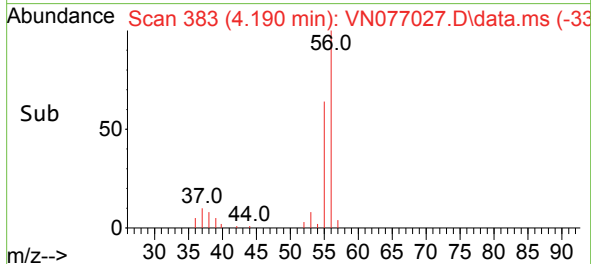
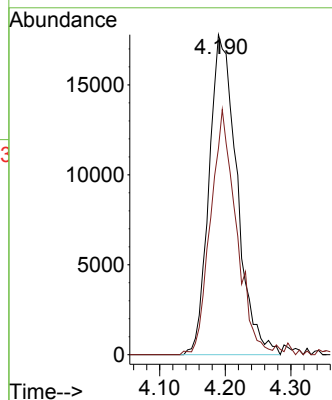
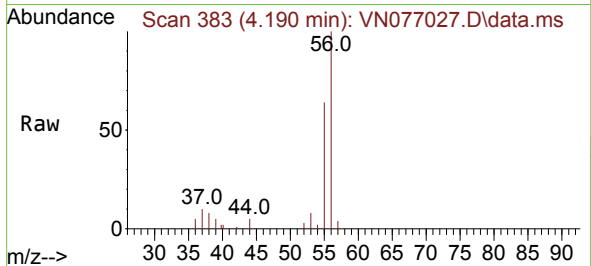




#13
Acrolein
Concen: 48.714 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

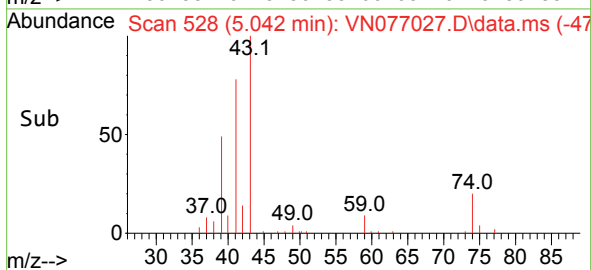
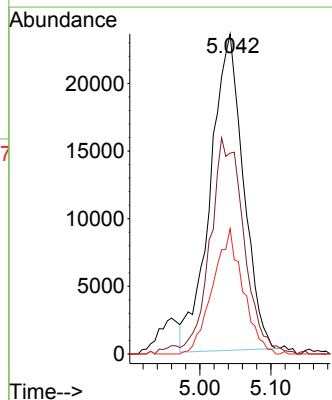
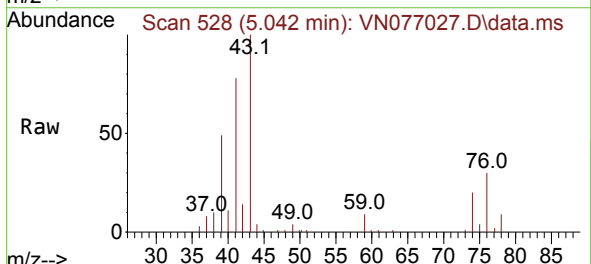
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

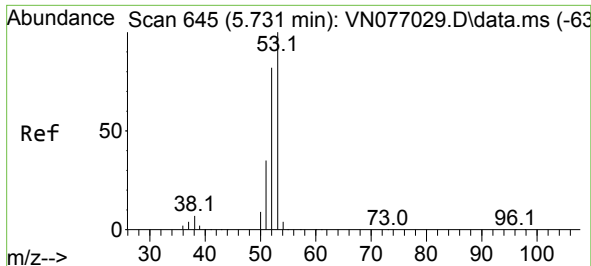
Tgt Ion: 56 Resp: 52414
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.6



#14
Allyl chloride
Concen: 8.910 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 41 Resp: 75502
Ion Ratio Lower Upper
41 100
39 71.1 53.8 80.8
76 36.2 26.7 40.1

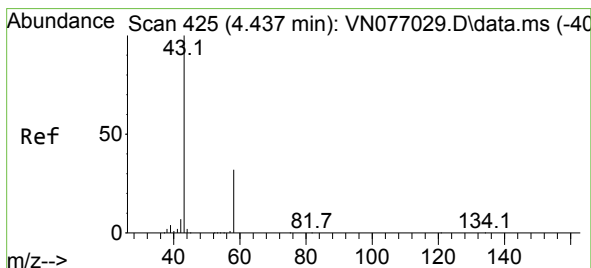
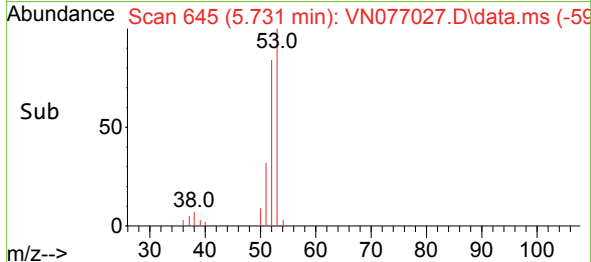
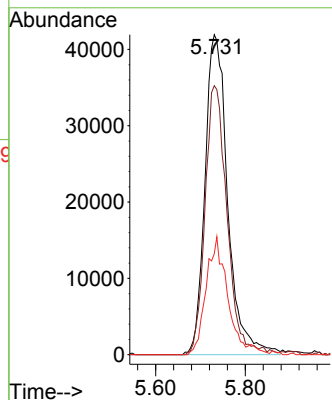
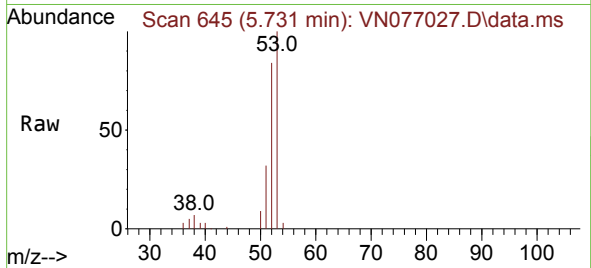




#15
Acrylonitrile
Concen: 50.535 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

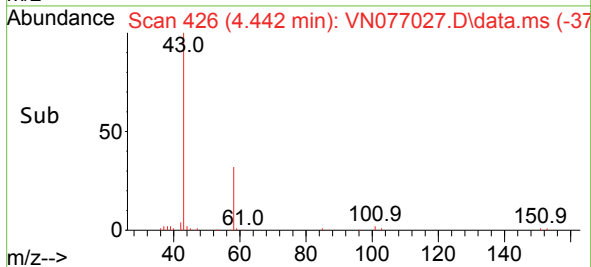
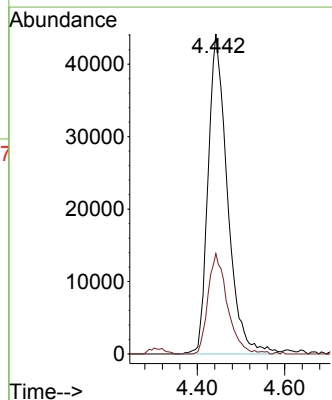
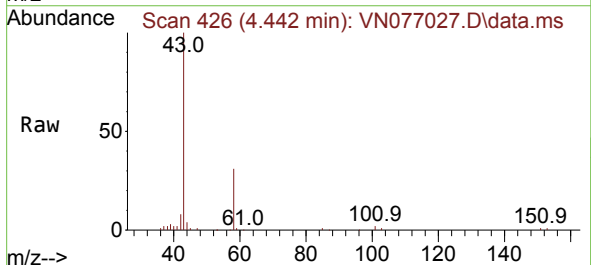
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

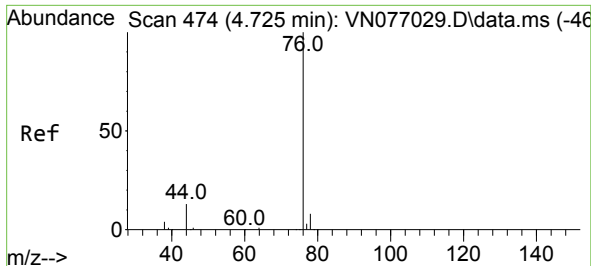
Tgt Ion: 53 Resp: 147788
Ion Ratio Lower Upper
53 100
52 81.4 64.6 97.0
51 34.0 28.3 42.5



#16
Acetone
Concen: 51.103 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 43 Resp: 135936
Ion Ratio Lower Upper
43 100
58 31.4 25.4 38.0

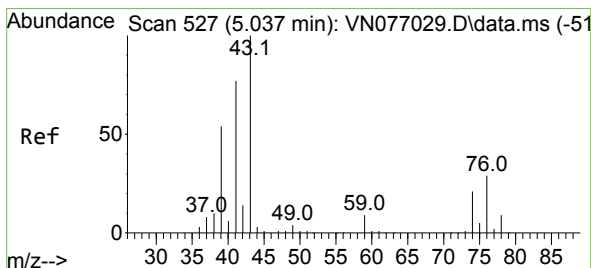
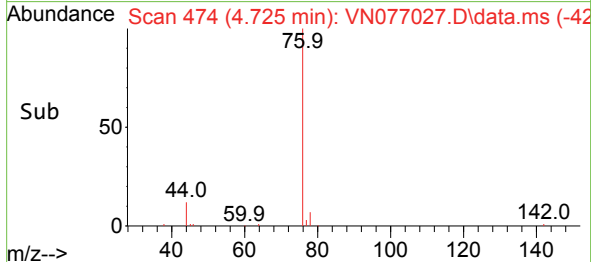
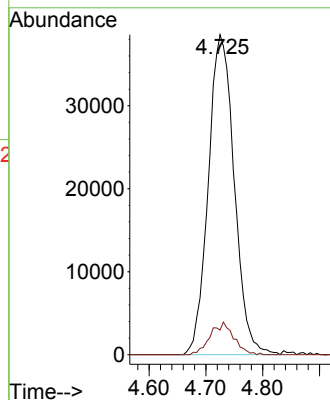
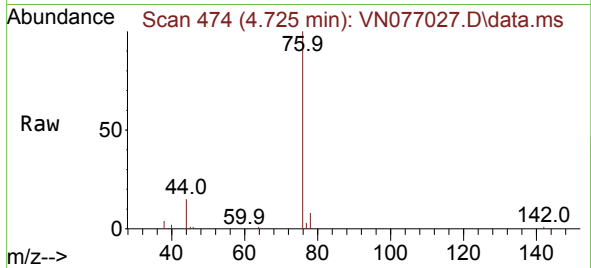




#17
Carbon Disulfide
Concen: 9.238 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

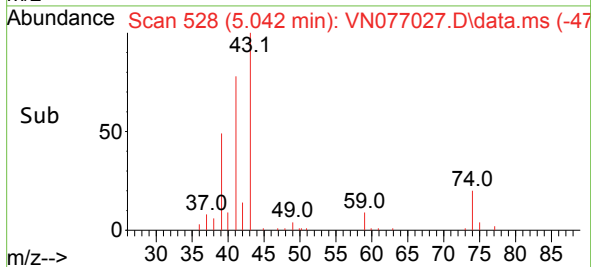
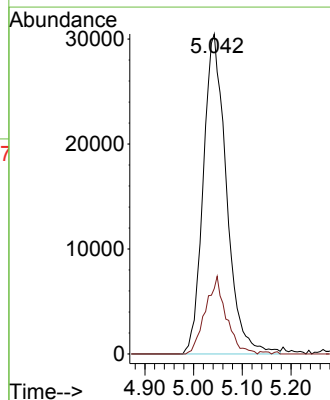
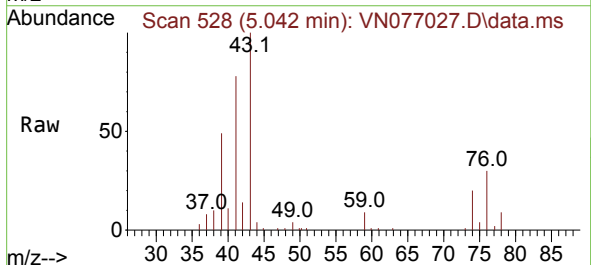
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

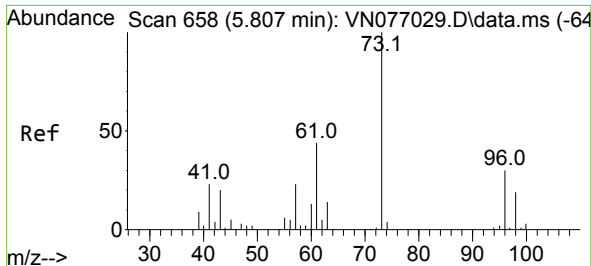
Tgt Ion: 76 Resp: 122224
Ion Ratio Lower Upper
76 100
78 7.7 6.6 10.0



#18
Methyl Acetate
Concen: 10.055 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 43 Resp: 100859
Ion Ratio Lower Upper
43 100
74 21.7 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 9.798 ug/l

RT: 5.813 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

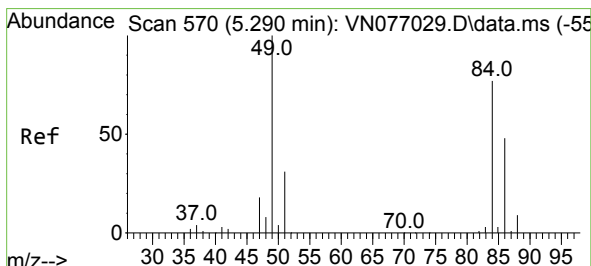
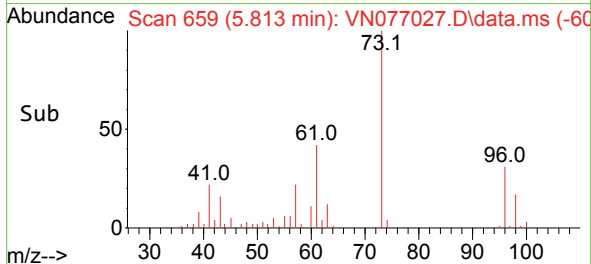
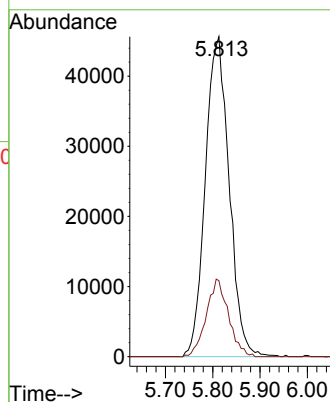
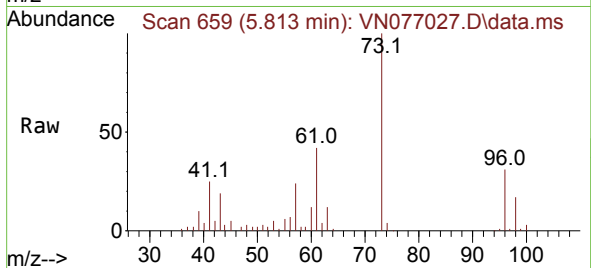
VSTDIC010

Tgt Ion: 73 Resp: 159565

Ion Ratio Lower Upper

73 100

57 23.8 18.7 28.1



#20

Methylene Chloride

Concen: 9.443 ug/l

RT: 5.289 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

Tgt Ion: 84 Resp: 54517

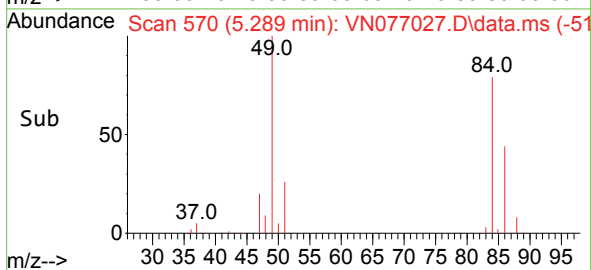
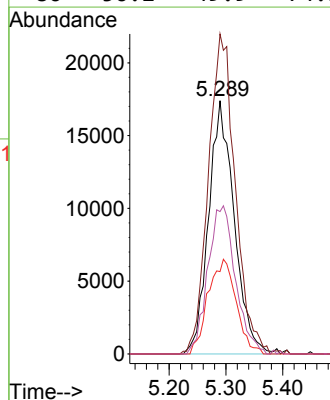
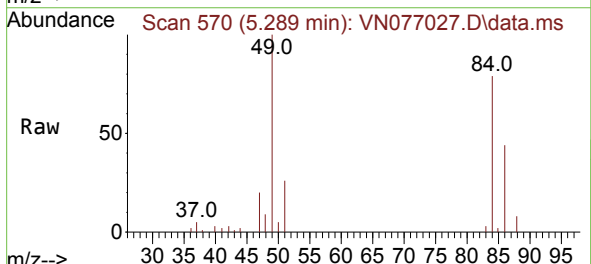
Ion Ratio Lower Upper

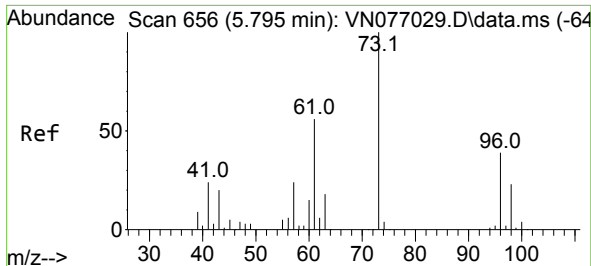
84 100

49 126.3 103.8 155.6

51 32.5 32.3 48.5

86 56.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 9.437 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

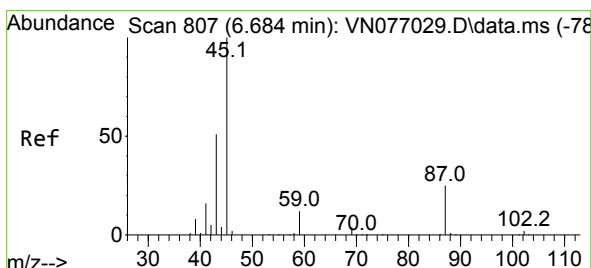
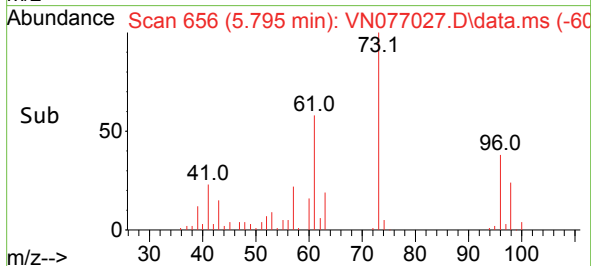
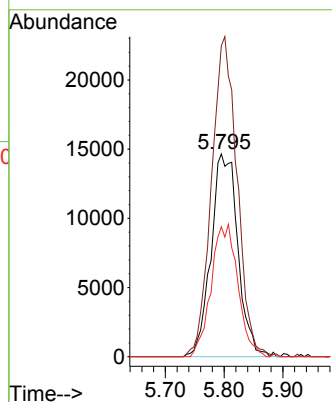
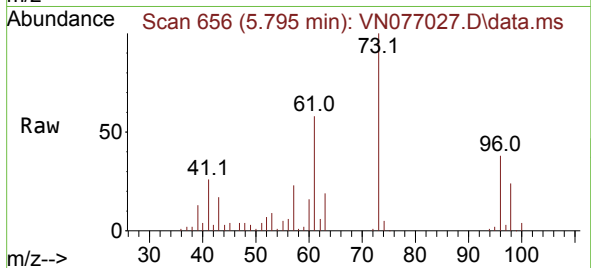
Tgt Ion: 96 Resp: 46411

Ion Ratio Lower Upper

96 100

61 153.3 115.8 173.6

98 64.1 48.2 72.2



#22

Diisopropyl ether

Concen: 9.785 ug/l

RT: 6.684 min Scan# 807

Delta R.T. -0.000 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

Tgt Ion: 45 Resp: 178090

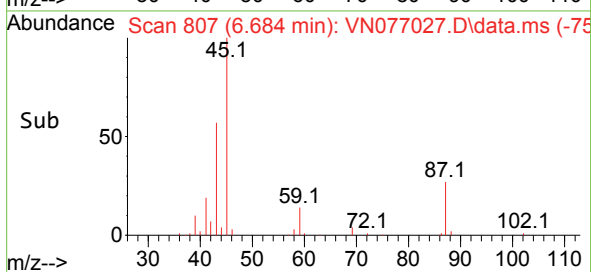
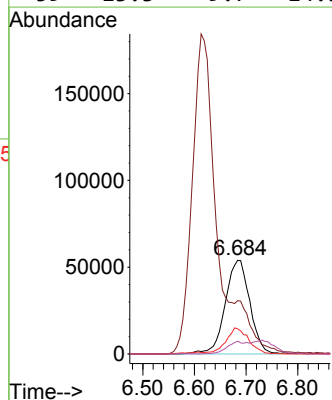
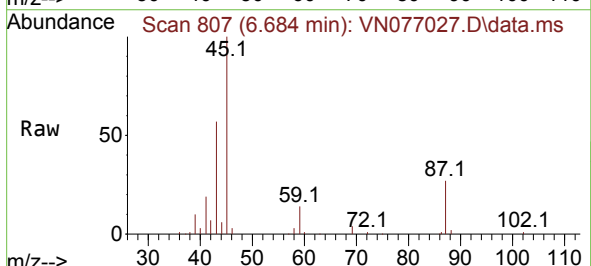
Ion Ratio Lower Upper

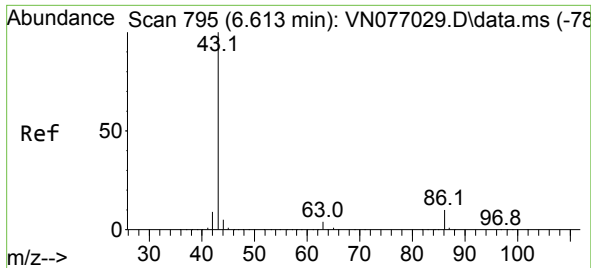
45 100

43 54.1 41.5 62.3

87 26.5 20.6 30.8

59 13.3 9.7 14.5

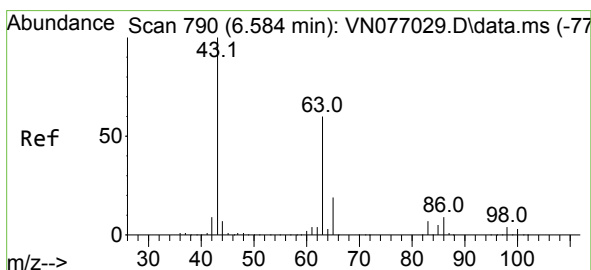
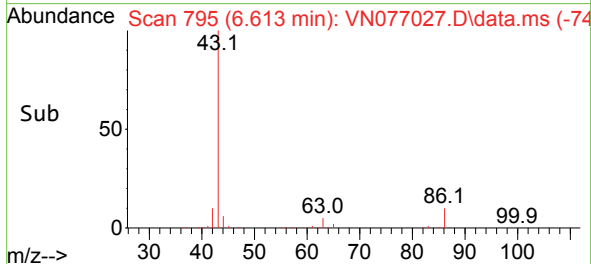
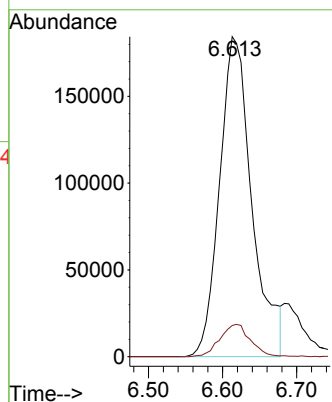
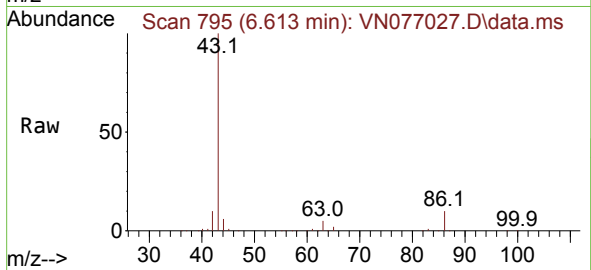




#23
 Vinyl Acetate
 Concen: 49.937 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077027.D
 Acq: 17 Mar 2023 10:37

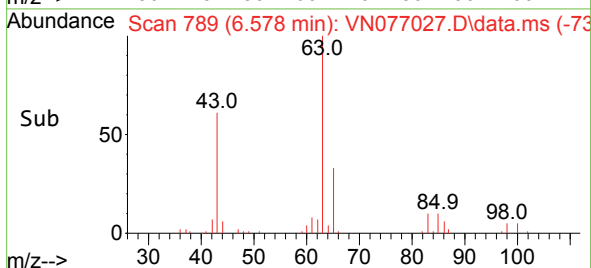
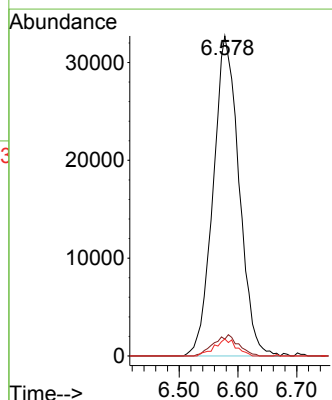
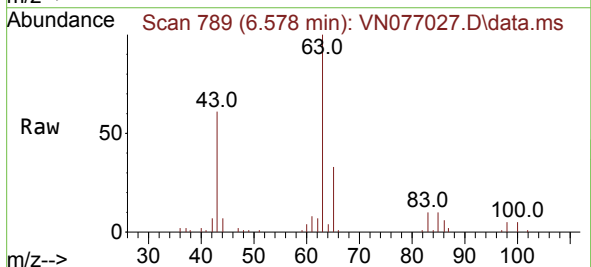
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

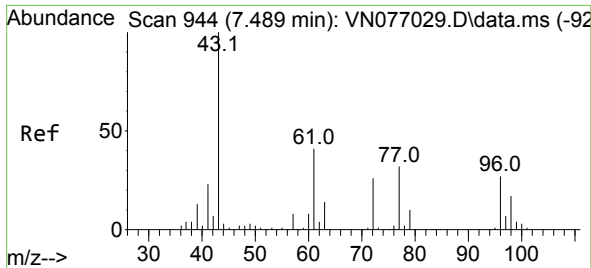
Tgt Ion: 43 Resp: 559077
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 9.582 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077027.D
 Acq: 17 Mar 2023 10:37

Tgt Ion: 63 Resp: 99794
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.1 9.4
 100 5.3 2.1 6.3

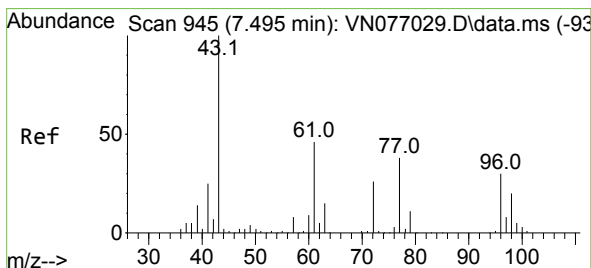
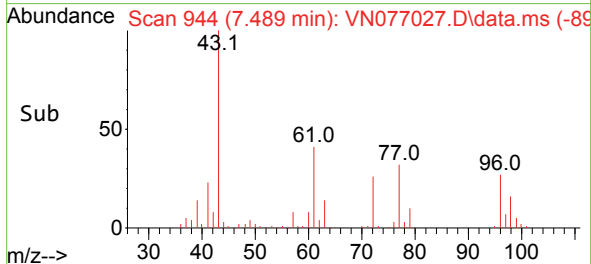
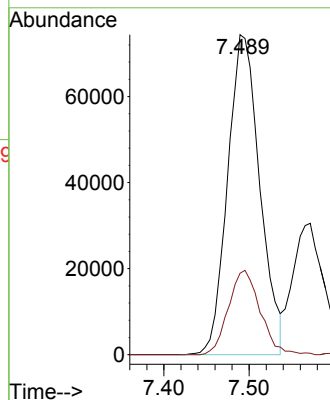
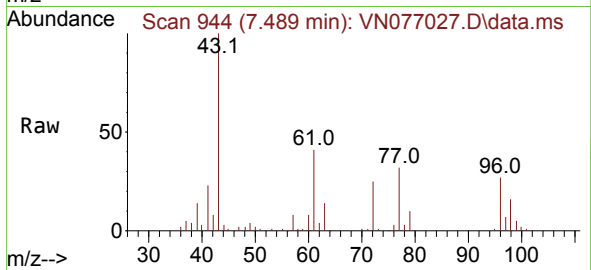




#25
2-Butanone
Concen: 50.208 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

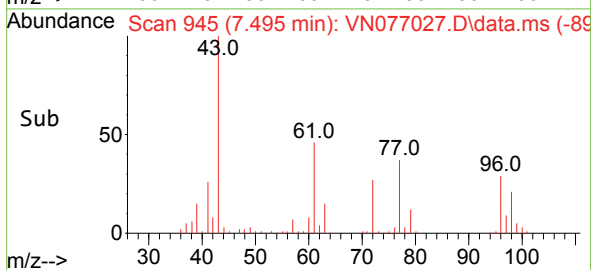
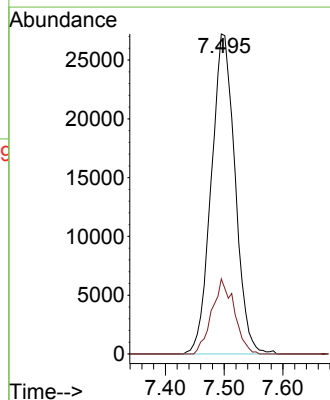
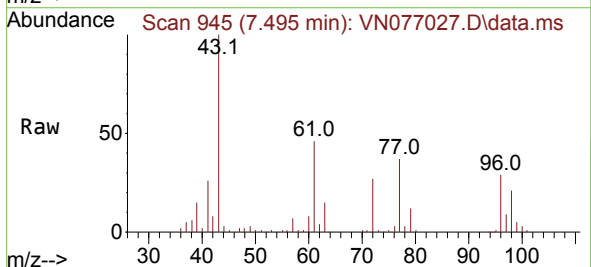
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

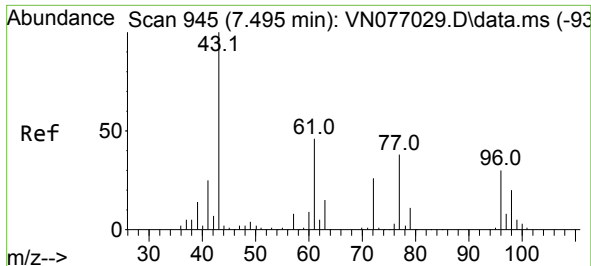
Tgt Ion: 43 Resp: 195369
Ion Ratio Lower Upper
43 100
72 25.5 20.7 31.1



#26
2,2-Dichloropropane
Concen: 9.760 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 77 Resp: 76484
Ion Ratio Lower Upper
77 100
97 22.2 10.9 32.9



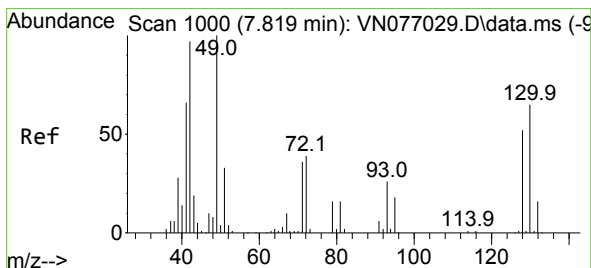
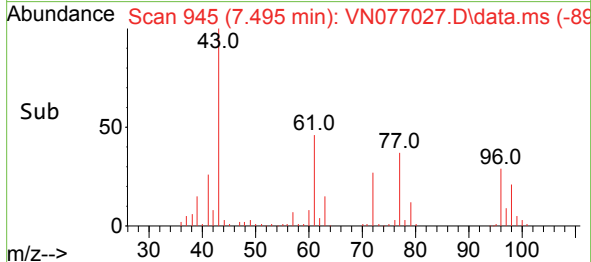
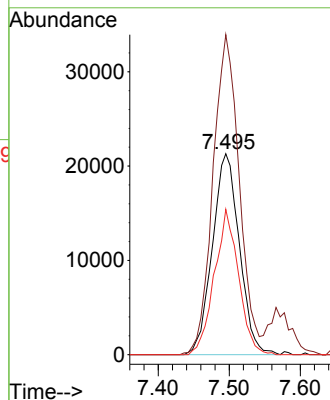
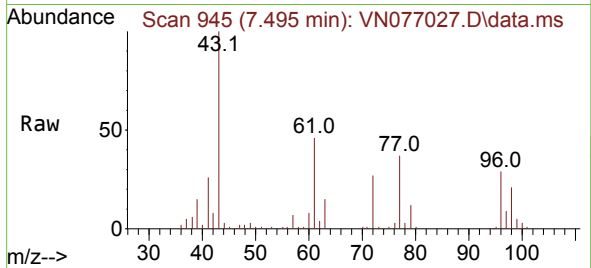


#27
 cis-1,2-Dichloroethene
 Concen: 9.981 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. -0.000 min
 Lab File: VN077027.D
 Acq: 17 Mar 2023 10:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 56219

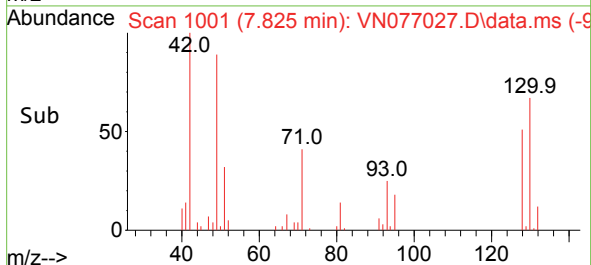
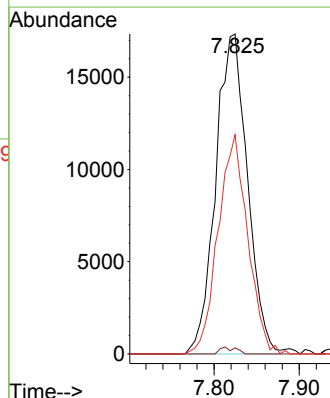
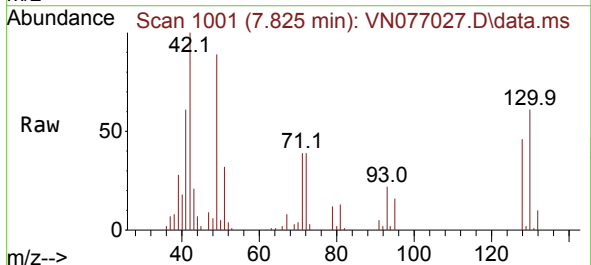
Ion	Ratio	Lower	Upper
96	100		
61	154.6	0.0	315.4
98	65.0	0.0	128.6

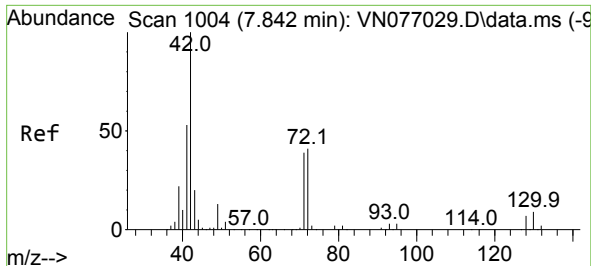


#28
 Bromochloromethane
 Concen: 9.917 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN077027.D
 Acq: 17 Mar 2023 10:37

Tgt Ion: 49 Resp: 44854

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.2
130	64.0	51.9	77.9





#29

Tetrahydrofuran

Concen: 50.650 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

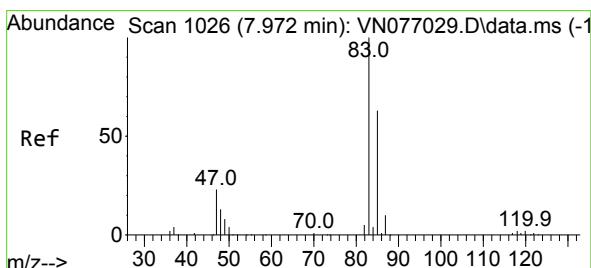
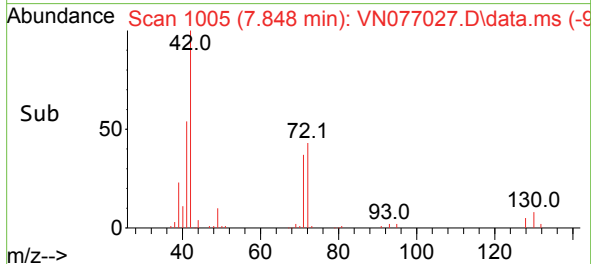
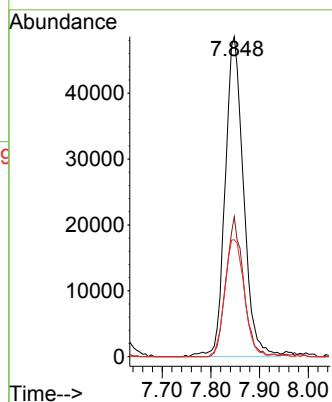
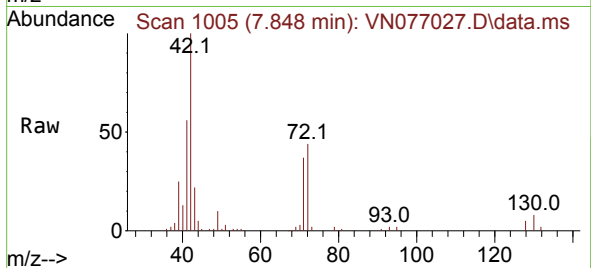
Tgt Ion: 42 Resp: 127717

Ion Ratio Lower Upper

42 100

72 41.3 33.2 49.8

71 38.9 31.0 46.4



#30

Chloroform

Concen: 9.800 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077027.D

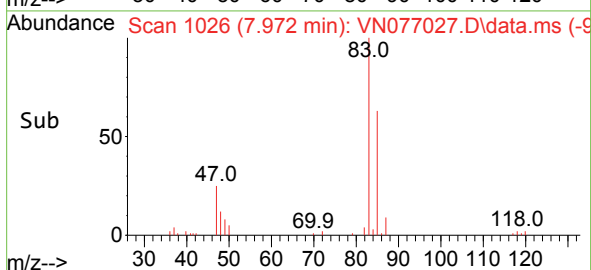
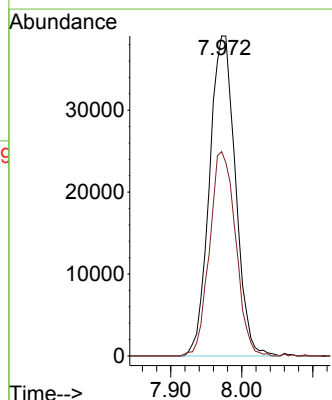
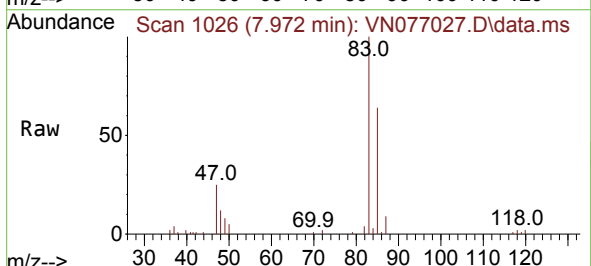
Acq: 17 Mar 2023 10:37

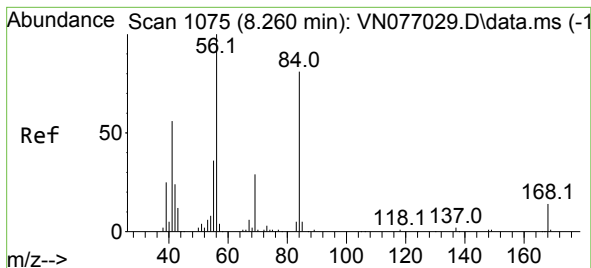
Tgt Ion: 83 Resp: 99064

Ion Ratio Lower Upper

83 100

85 63.9 50.6 75.8





#31

Cyclohexane

Concen: 9.945 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

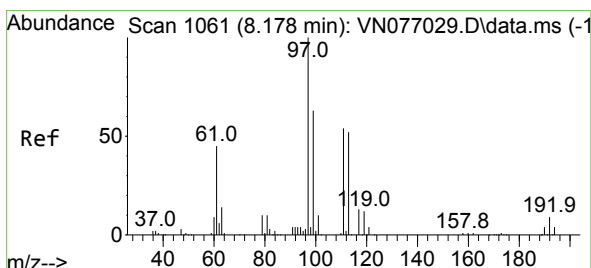
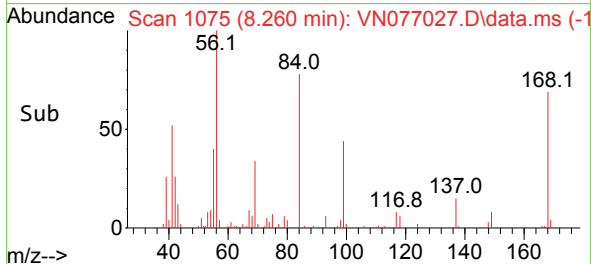
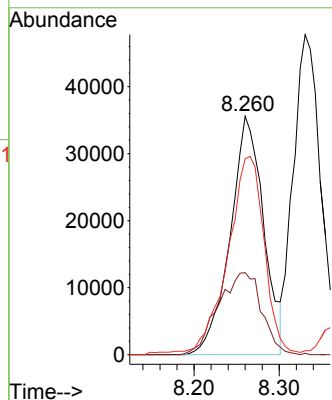
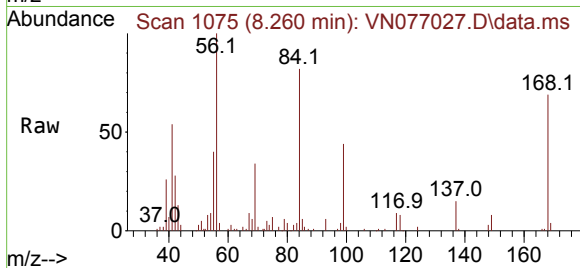
Tgt Ion: 56 Resp: 97141

Ion Ratio Lower Upper

56 100

69 34.4 22.8 34.2#

84 80.8 64.7 97.1



#32

1,1,1-Trichloroethane

Concen: 9.616 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. -0.000 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

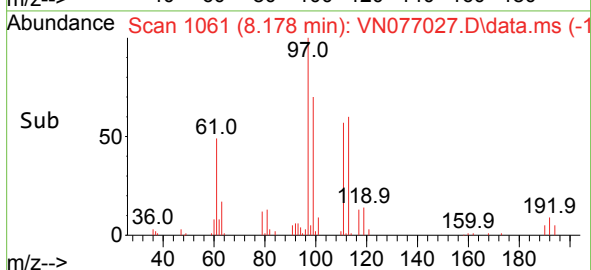
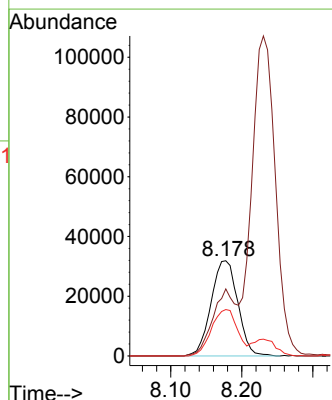
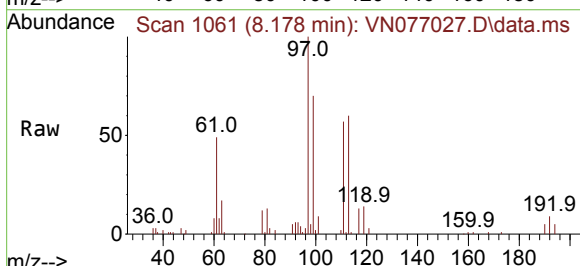
Tgt Ion: 97 Resp: 83079

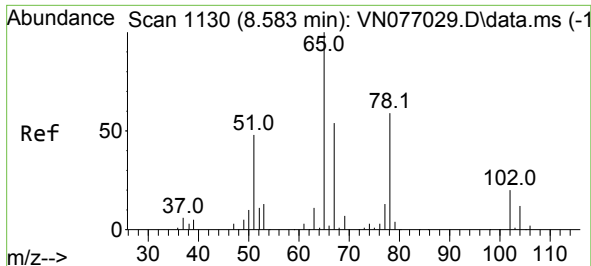
Ion Ratio Lower Upper

97 100

99 62.4 50.2 75.2

61 47.7 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 10.425 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

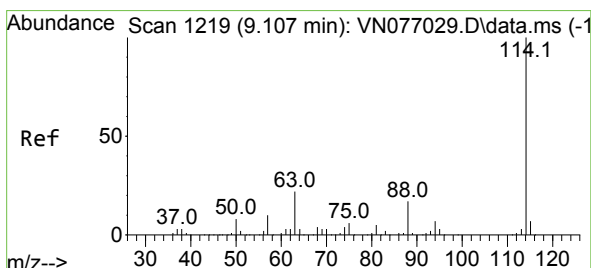
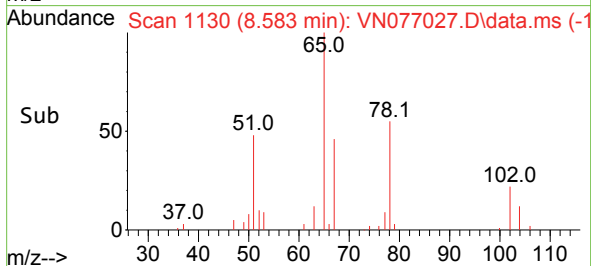
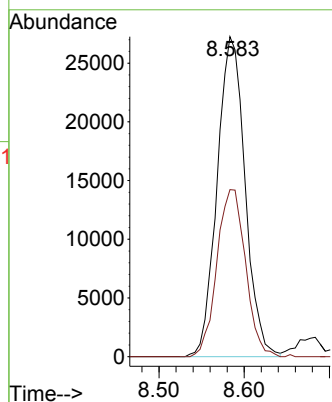
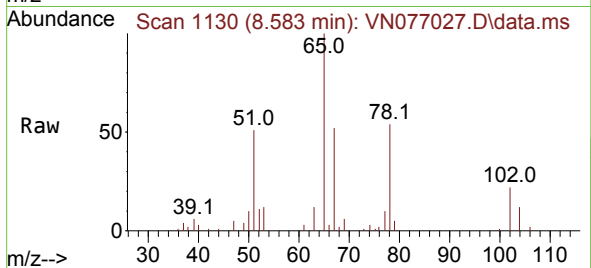
VSTDIC010

Tgt Ion: 65 Resp: 62236

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

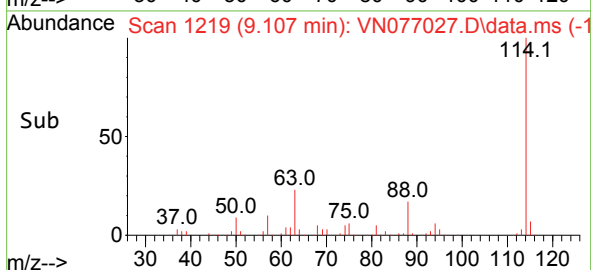
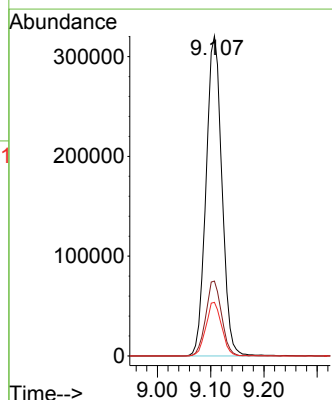
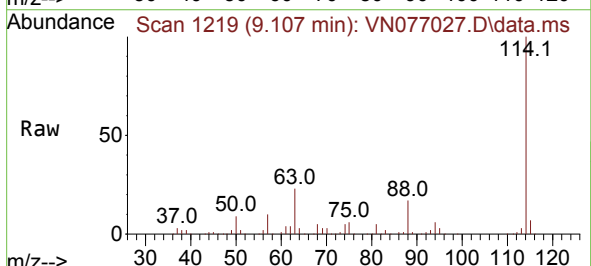
Tgt Ion: 114 Resp: 662599

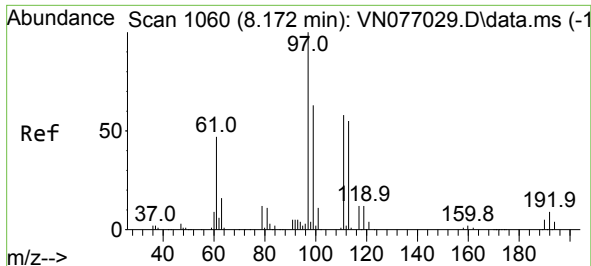
Ion Ratio Lower Upper

114 100

63 23.4 0.0 44.6

88 16.7 0.0 33.8

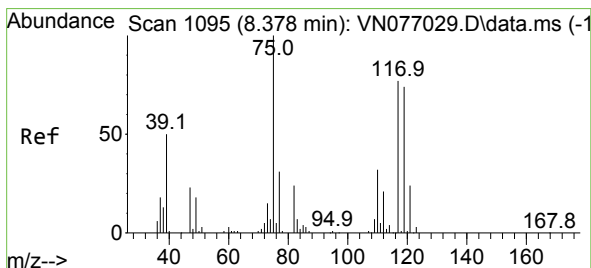
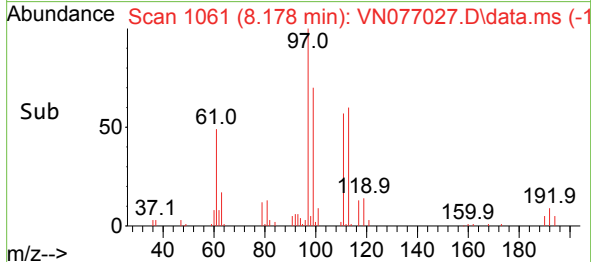
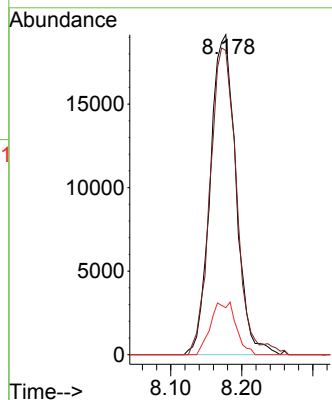
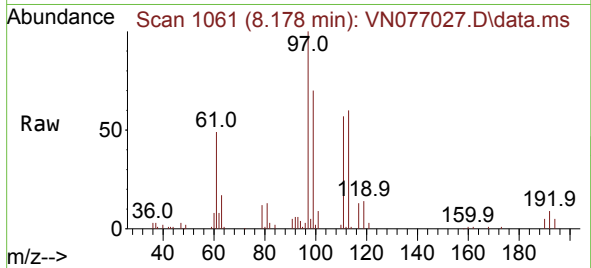




#35
 Dibromofluoromethane
 Concen: 10.688 ug/l
 RT: 8.178 min Scan# 1060
 Delta R.T. 0.006 min
 Lab File: VN077027.D
 Acq: 17 Mar 2023 10:37

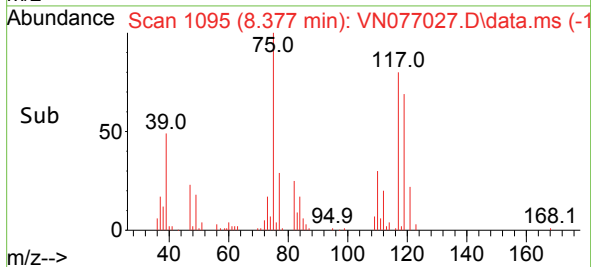
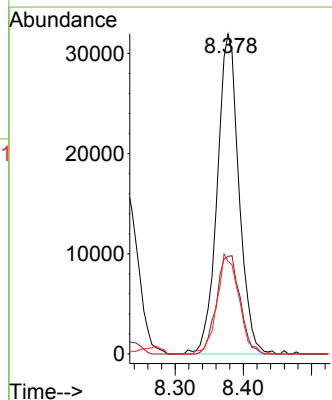
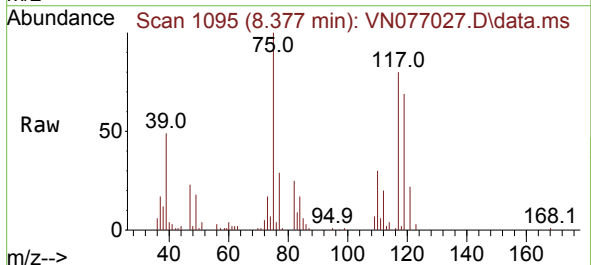
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

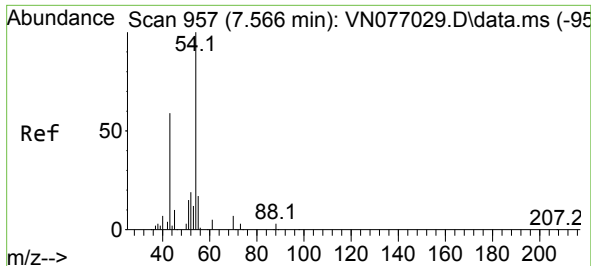
Tgt Ion: 113 Resp: 48049
 Ion Ratio Lower Upper
 113 100
 111 98.8 82.2 123.2
 192 16.1 13.0 19.6



#36
 1,1-Dichloropropene
 Concen: 9.767 ug/l
 RT: 8.377 min Scan# 1095
 Delta R.T. -0.000 min
 Lab File: VN077027.D
 Acq: 17 Mar 2023 10:37

Tgt Ion: 75 Resp: 70786
 Ion Ratio Lower Upper
 75 100
 110 33.2 15.9 47.7
 77 31.4 24.3 36.5

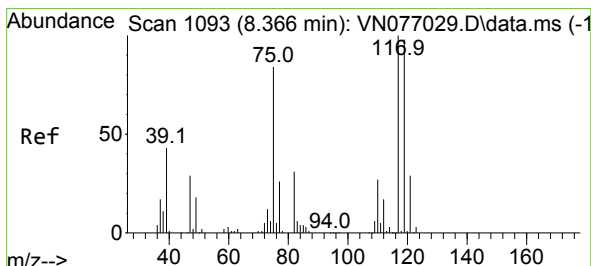
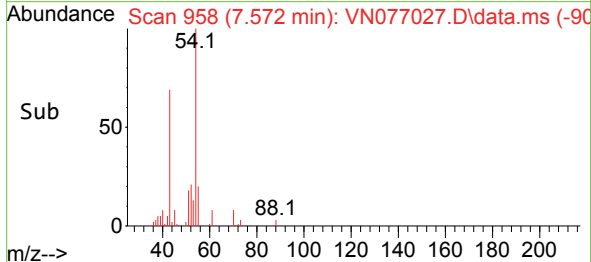
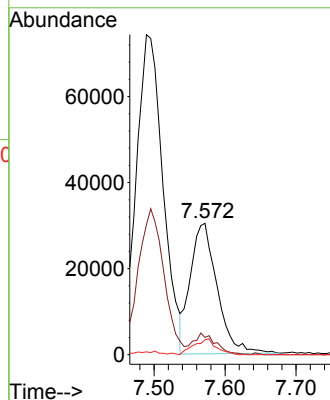
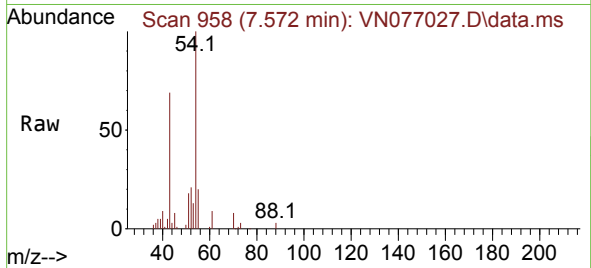




#37
Ethyl Acetate
Concen: 10.303 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

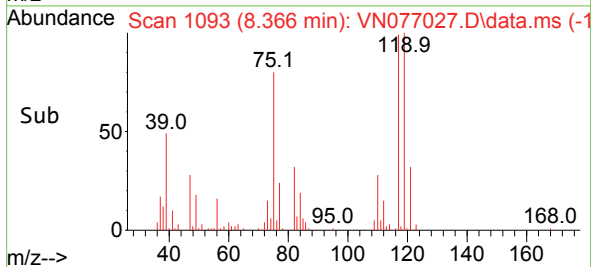
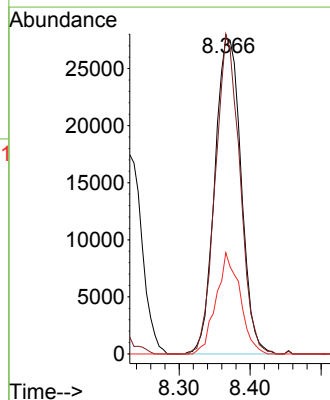
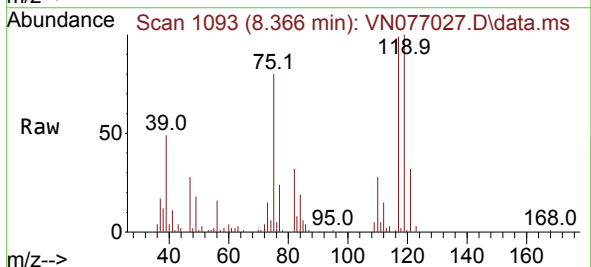
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

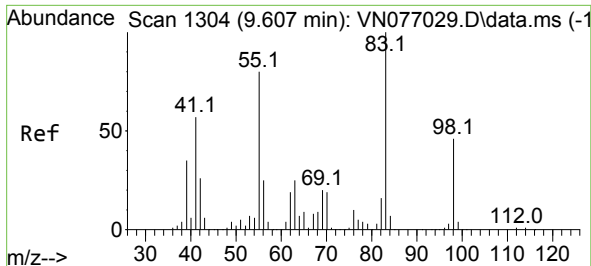
Tgt Ion: 43 Resp: 79898
Ion Ratio Lower Upper
43 100
61 13.0 11.0 16.6
70 10.1 8.4 12.6



#38
Carbon Tetrachloride
Concen: 10.059 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 117 Resp: 71013
Ion Ratio Lower Upper
117 100
119 101.3 78.2 117.2
121 32.1 23.2 34.8





#39

Methylcyclohexane

Concen: 9.585 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

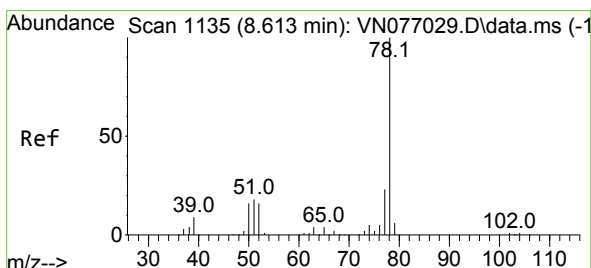
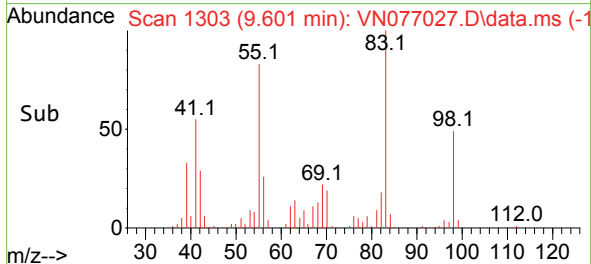
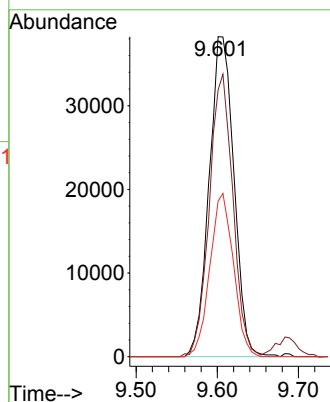
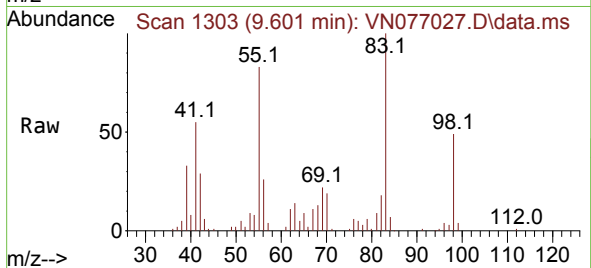
Tgt Ion: 83 Resp: 81309

Ion Ratio Lower Upper

83 100

55 83.4 63.8 95.8

98 48.7 37.1 55.7



#40

Benzene

Concen: 9.962 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077027.D

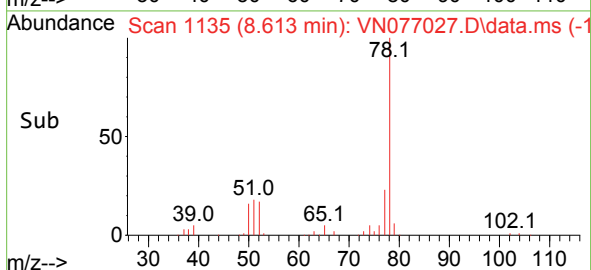
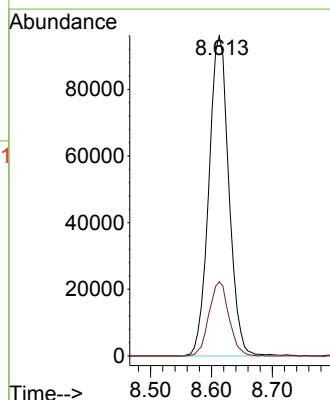
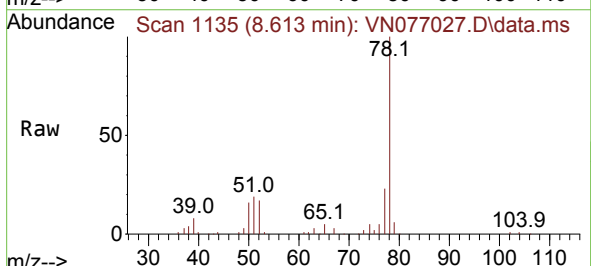
Acq: 17 Mar 2023 10:37

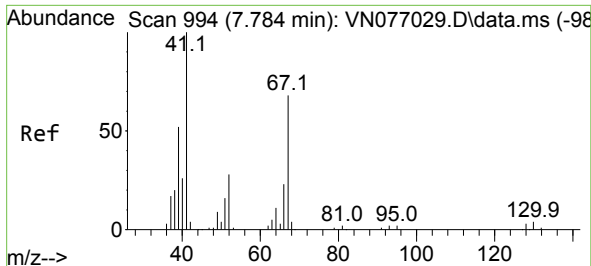
Tgt Ion: 78 Resp: 218978

Ion Ratio Lower Upper

78 100

77 23.2 18.5 27.7

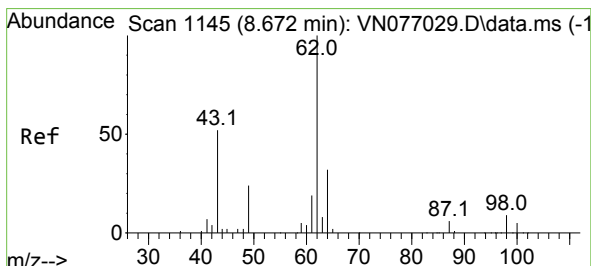
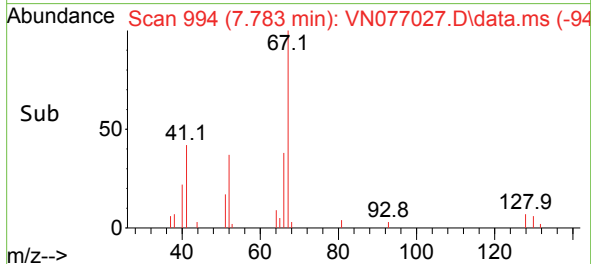
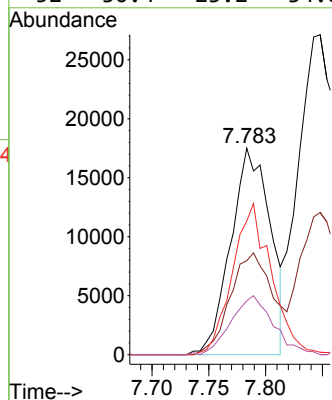
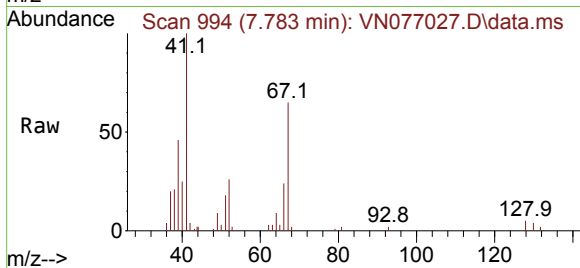




#41
Methacrylonitrile
Concen: 10.523 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

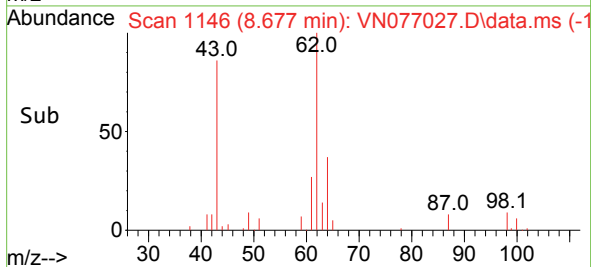
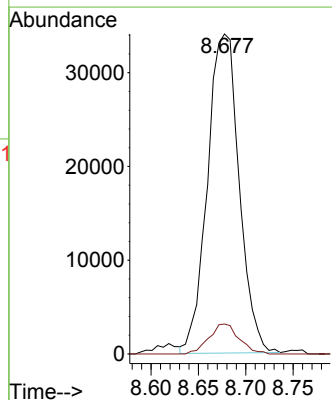
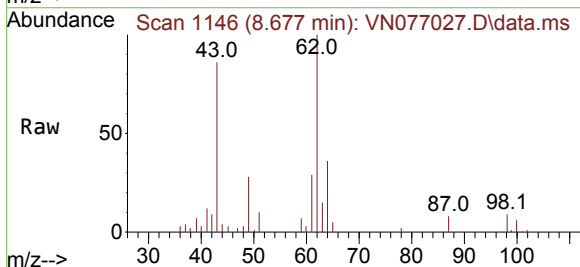
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

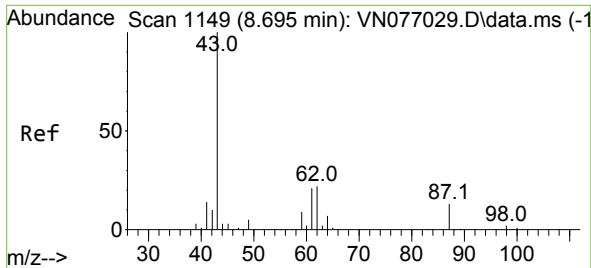
Tgt Ion:	41	Resp:	42425
Ion	Ratio	Lower	Upper
41	100		
39	54.1	41.6	62.4
67	71.7	53.8	80.8
52	30.4	23.2	34.8



#42
1,2-Dichloroethane
Concen: 10.005 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion:	62	Resp:	79469
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.4

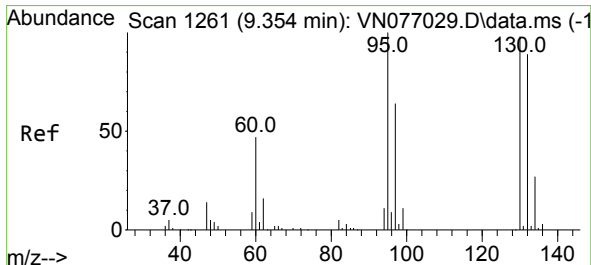
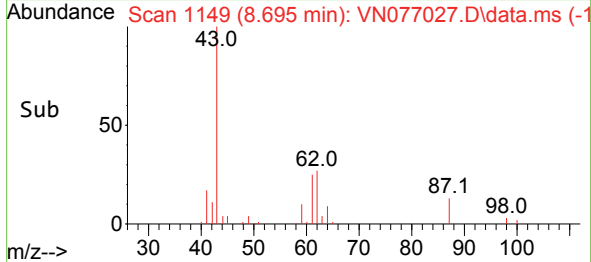
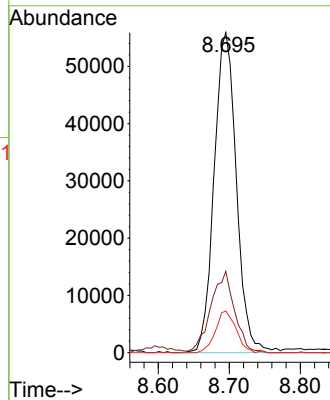
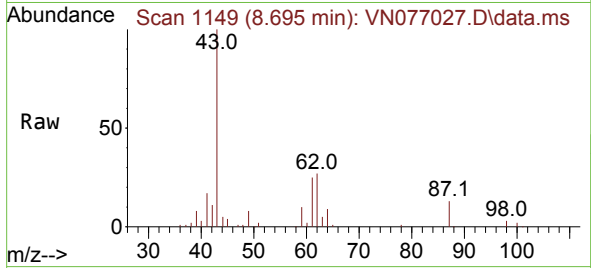




#43
Isopropyl Acetate
Concen: 10.042 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

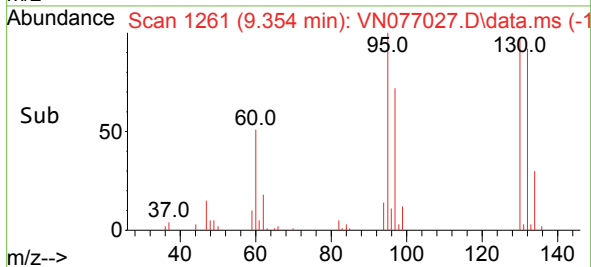
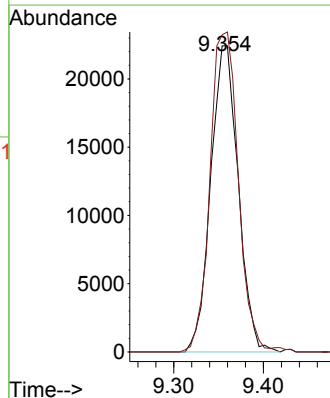
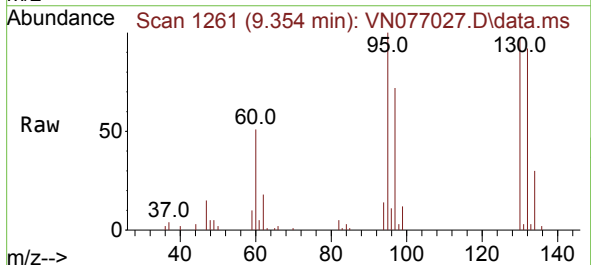
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

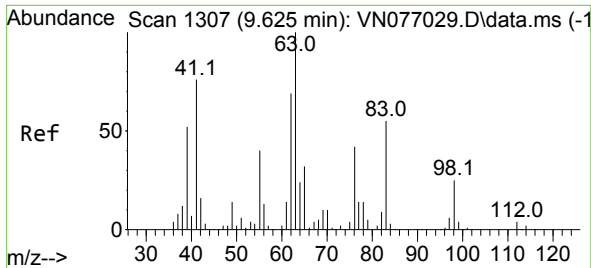
Tgt Ion: 43 Resp: 121647
Ion Ratio Lower Upper
43 100
61 27.2 20.6 30.8
87 12.1 10.0 15.0



#44
Trichloroethene
Concen: 9.454 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion:130 Resp: 47733
Ion Ratio Lower Upper
130 100
95 103.6 0.0 204.4

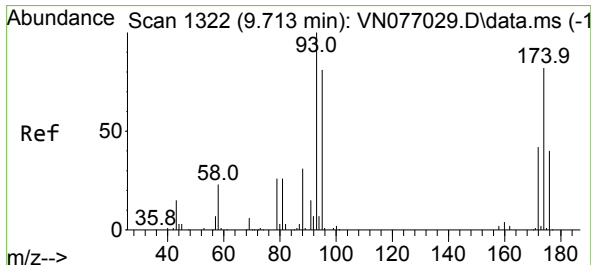
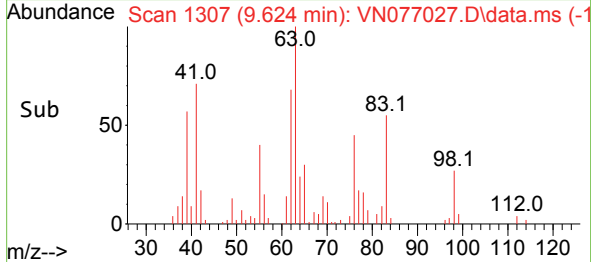
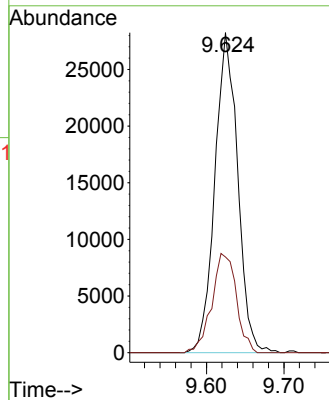
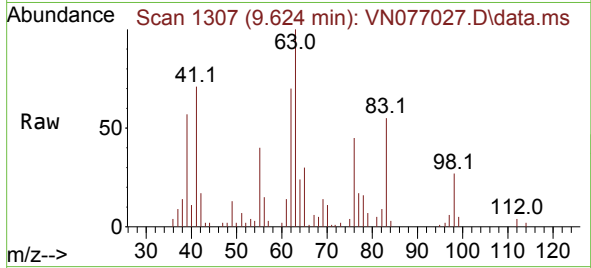




#45
1,2-Dichloropropane
Concen: 9.878 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

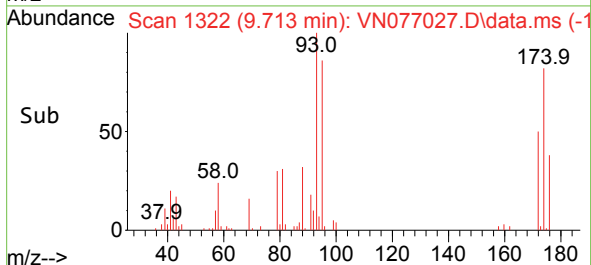
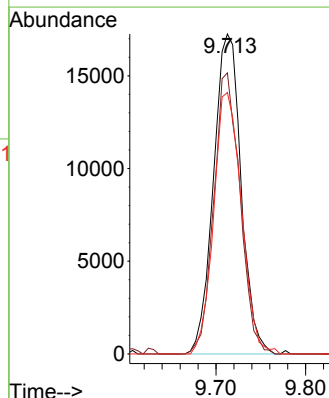
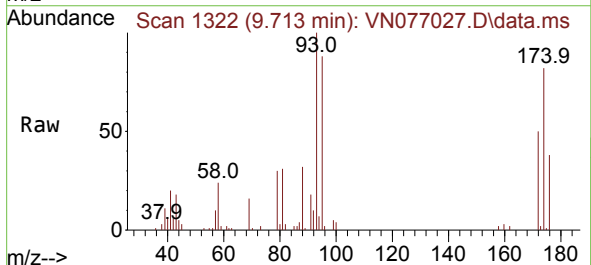
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

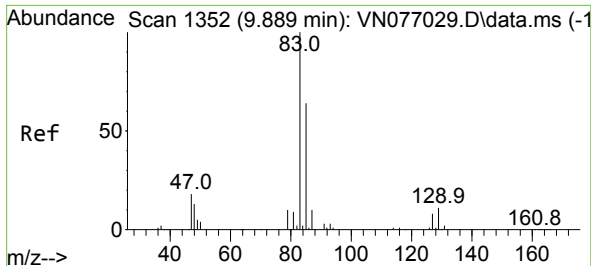
Tgt Ion: 63 Resp: 57664
Ion Ratio Lower Upper
63 100
65 29.9 25.5 38.3



#46
Dibromomethane
Concen: 9.999 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 93 Resp: 36816
Ion Ratio Lower Upper
93 100
95 83.5 65.7 98.5
174 82.3 66.4 99.6

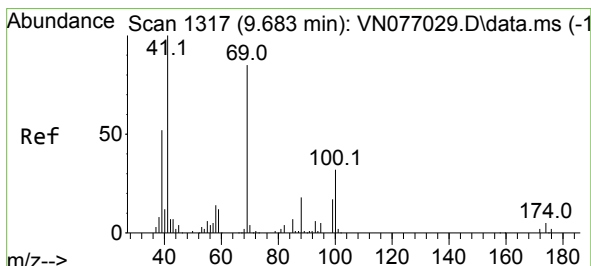
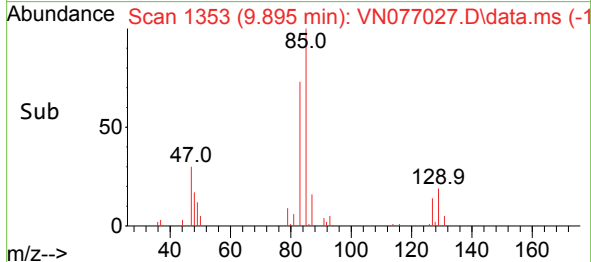
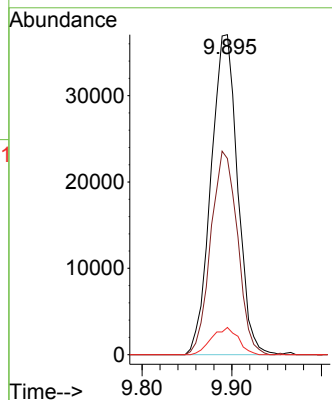
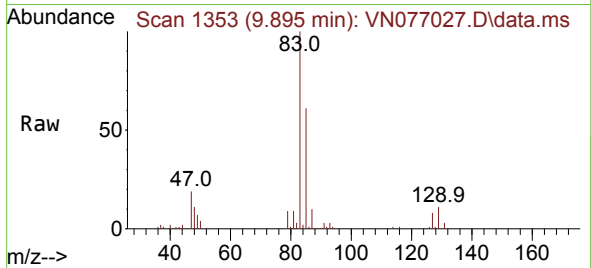




#47
Bromodichloromethane
Concen: 9.878 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

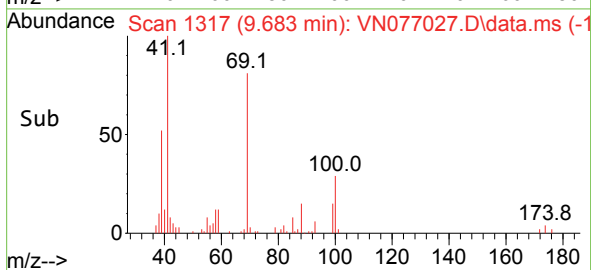
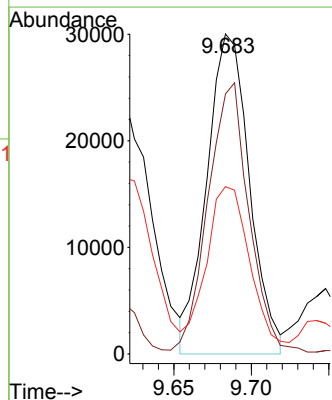
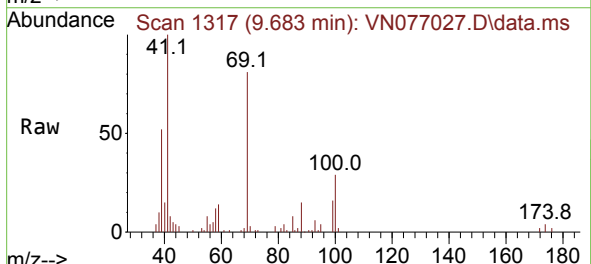
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

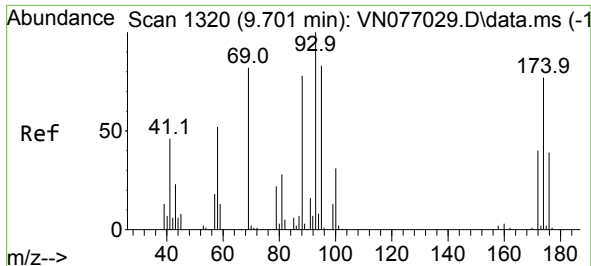
Tgt Ion: 83 Resp: 76278
Ion Ratio Lower Upper
83 100
85 61.3 51.0 76.4
127 8.5 6.1 9.1



#48
Methyl methacrylate
Concen: 9.934 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 41 Resp: 57529
Ion Ratio Lower Upper
41 100
69 80.8 64.3 96.5
39 54.9 43.2 64.8





#49

1,4-Dioxane

Concen: 196.476 ug/l

RT: 9.701 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

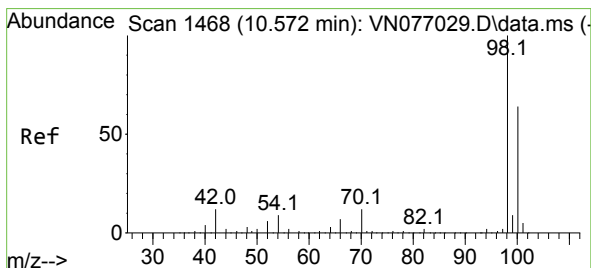
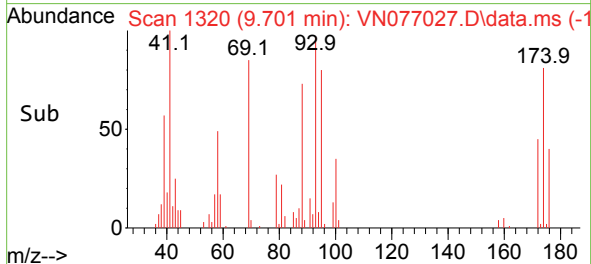
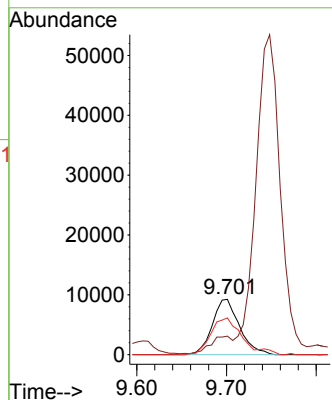
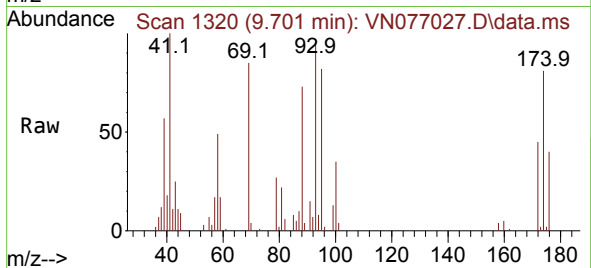
Tgt Ion: 88 Resp: 19434

Ion Ratio Lower Upper

88 100

43 25.7 22.2 33.2

58 76.3 60.8 91.2



#50

Toluene-d8

Concen: 10.036 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077027.D

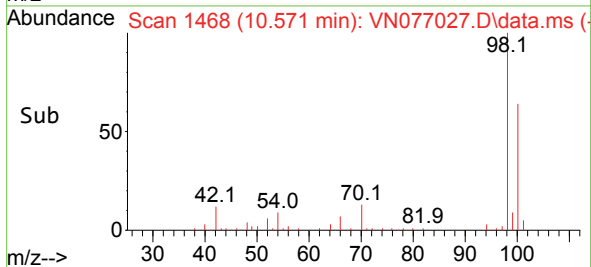
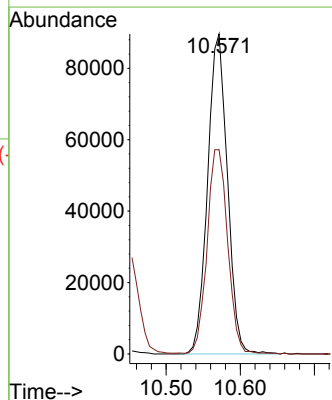
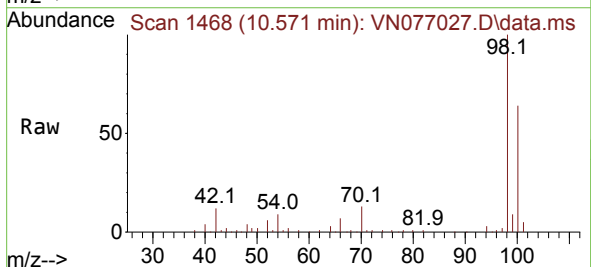
Acq: 17 Mar 2023 10:37

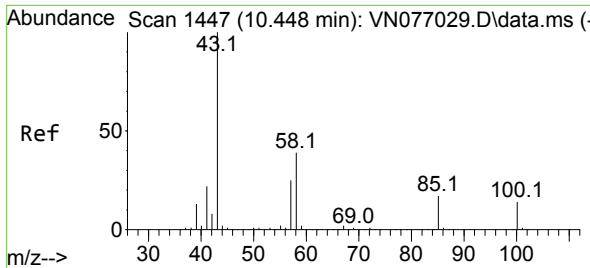
Tgt Ion: 98 Resp: 166353

Ion Ratio Lower Upper

98 100

100 66.4 51.6 77.4

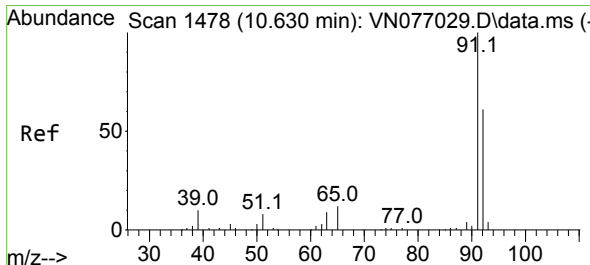
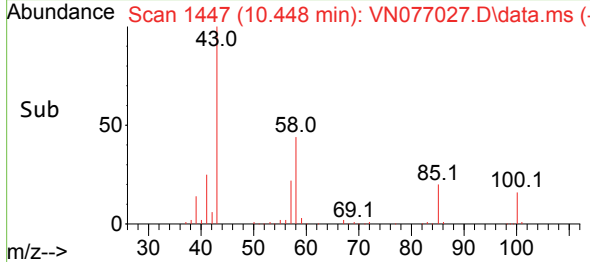
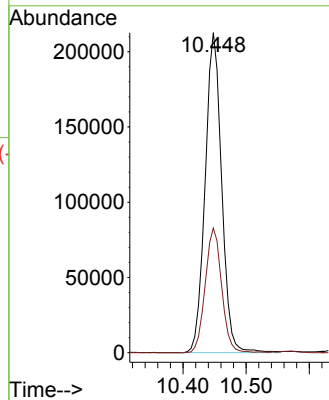
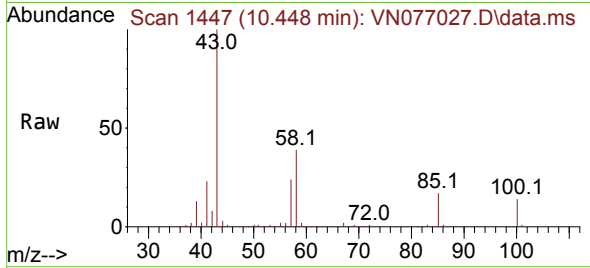




#51
4-Methyl-2-Pentanone
Concen: 51.306 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

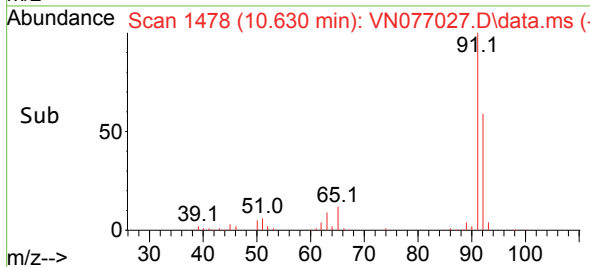
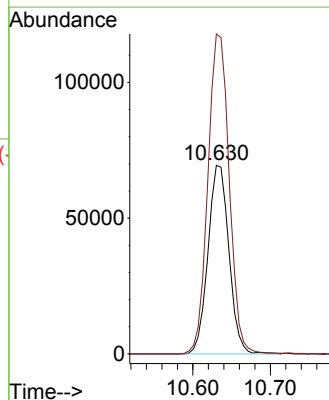
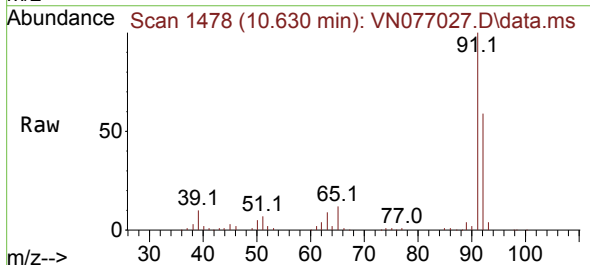
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

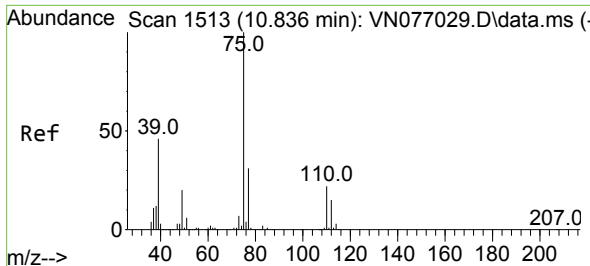
Tgt Ion: 43 Resp: 387033
Ion Ratio Lower Upper
43 100
58 38.6 31.1 46.7



#52
Toluene
Concen: 9.925 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 92 Resp: 130262
Ion Ratio Lower Upper
92 100
91 173.0 135.8 203.8

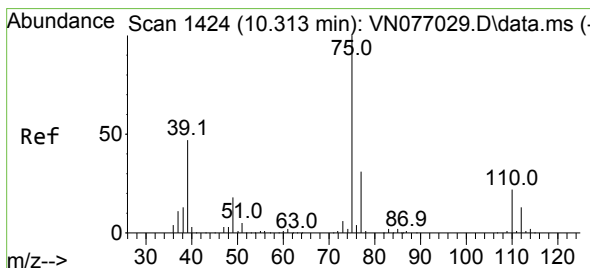
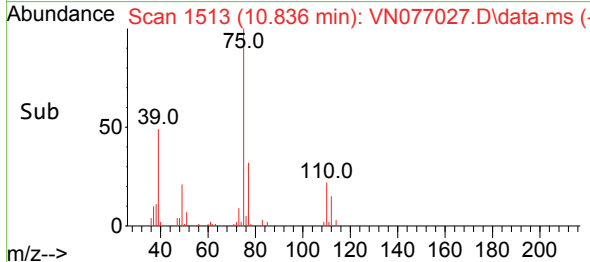
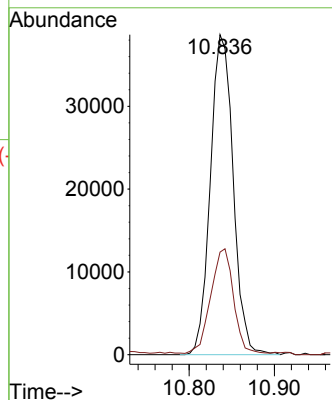
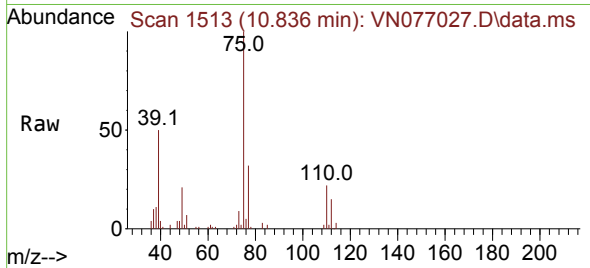




#53
 t-1,3-Dichloropropene
 Concen: 9.495 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN077027.D
 Acq: 17 Mar 2023 10:37

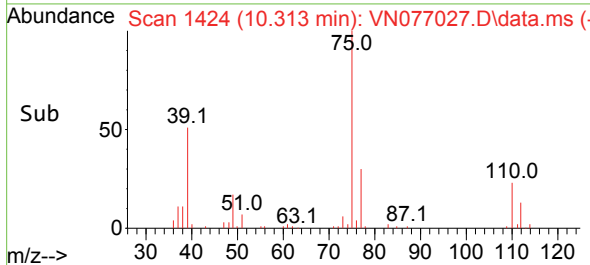
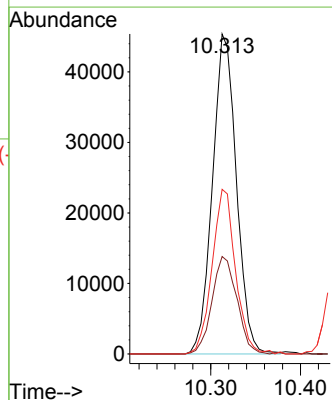
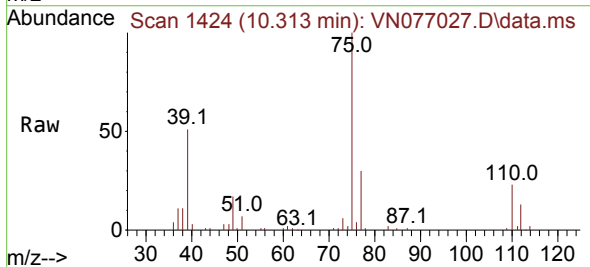
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

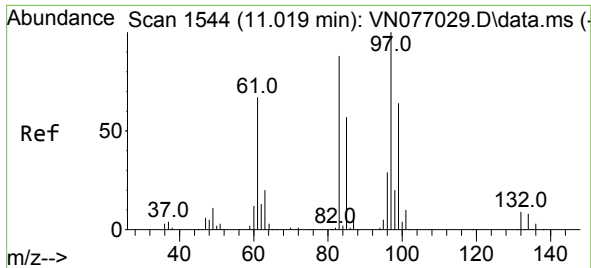
Tgt Ion: 75 Resp: 71858
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 9.836 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077027.D
 Acq: 17 Mar 2023 10:37

Tgt Ion: 75 Resp: 83992
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.5 36.7
 39 51.5 37.8 56.6

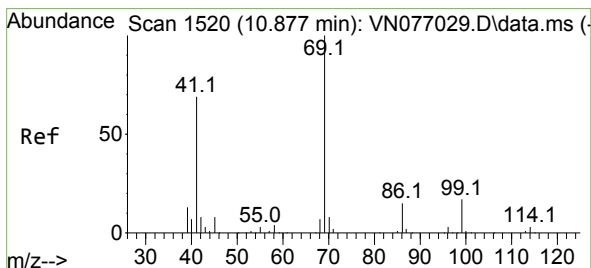
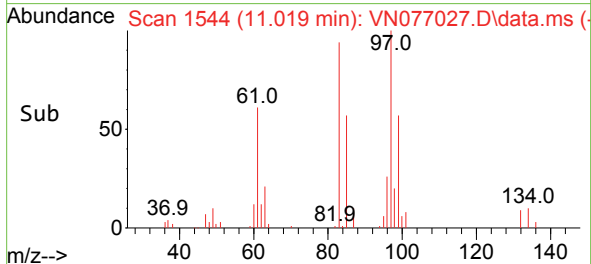
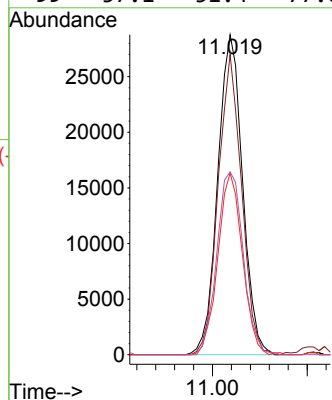
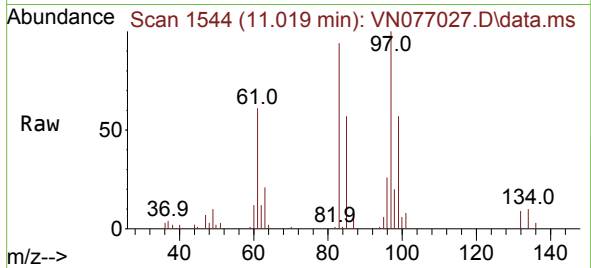




#55
1,1,2-Trichloroethane
Concen: 10.114 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

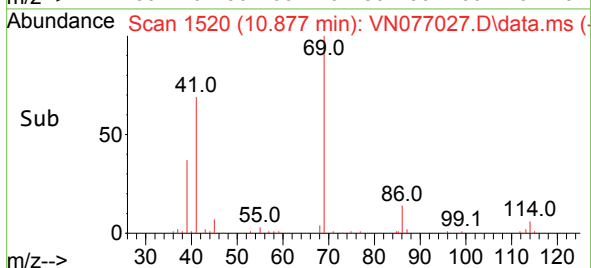
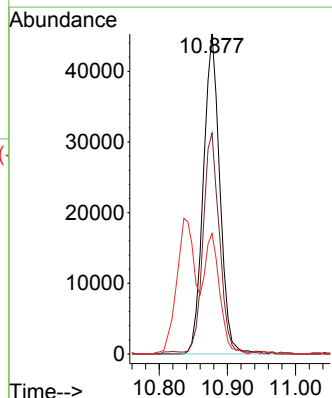
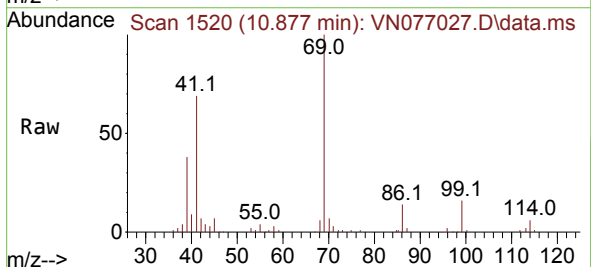
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

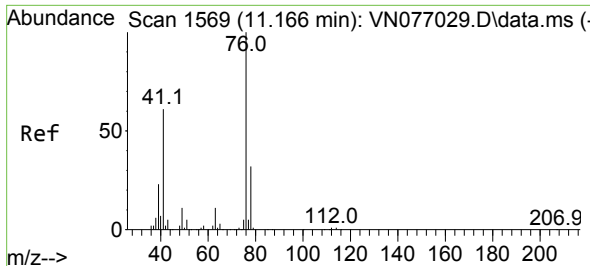
Tgt Ion:	97	Resp:	52342
Ion	Ratio	Lower	Upper
97	100		
83	93.8	70.5	105.7
85	56.7	45.4	68.2
99	57.1	51.4	77.0



#56
Ethyl methacrylate
Concen: 9.793 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion:	69	Resp:	76212
Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.9	82.3
39	34.3	26.6	40.0





#57

1,3-Dichloropropane

Concen: 9.942 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

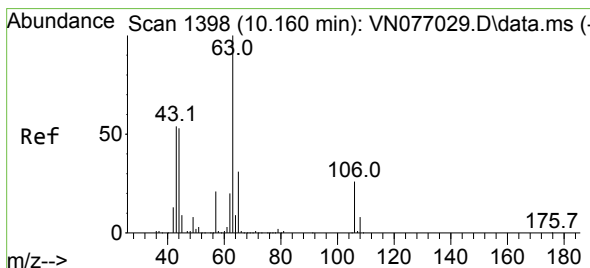
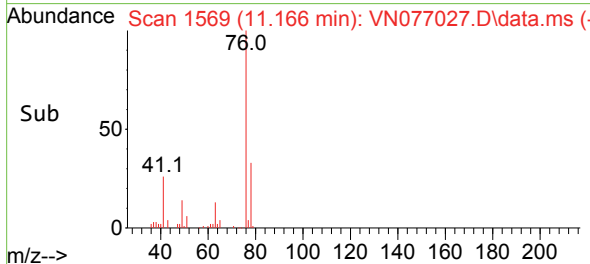
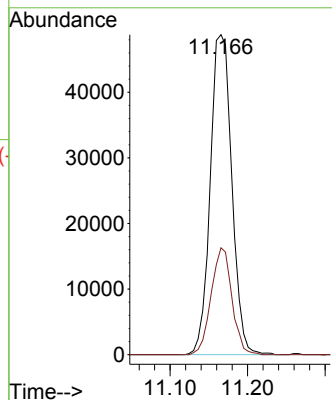
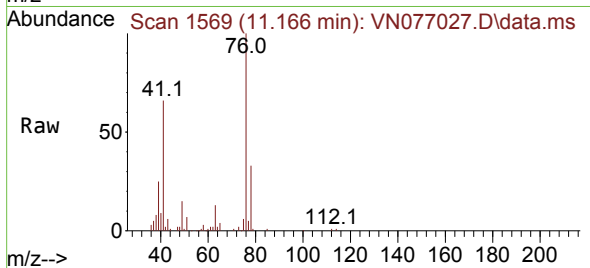
VSTDIC010

Tgt Ion: 76 Resp: 94197

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 49.191 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077027.D

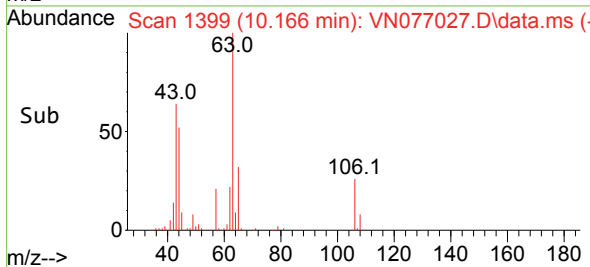
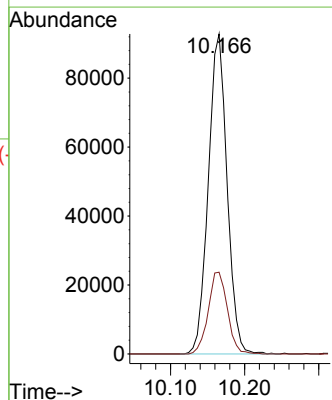
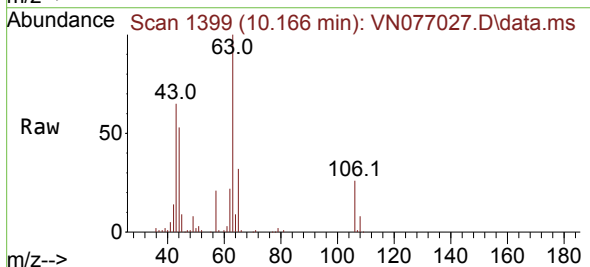
Acq: 17 Mar 2023 10:37

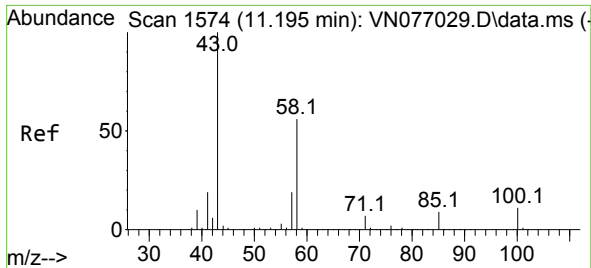
Tgt Ion: 63 Resp: 163203

Ion Ratio Lower Upper

63 100

106 26.1 20.6 31.0

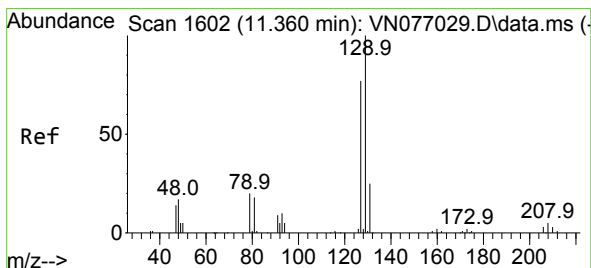
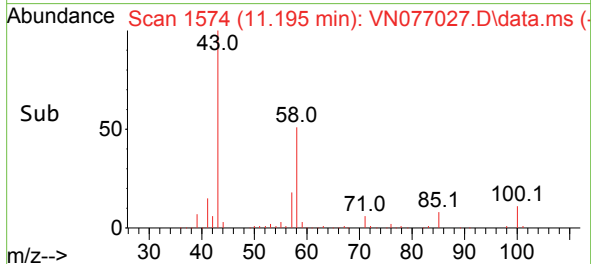
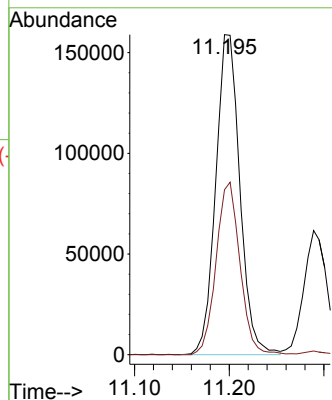
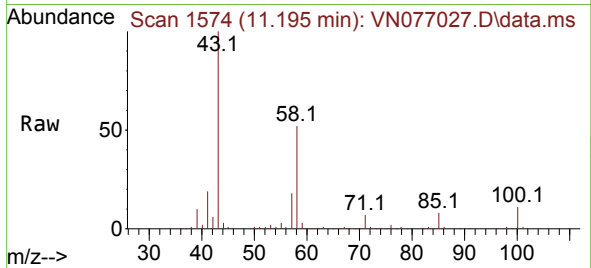




#59
2-Hexanone
Concen: 51.457 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

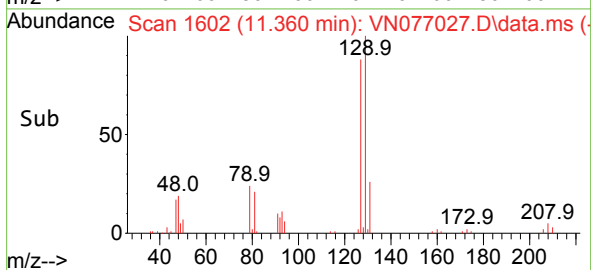
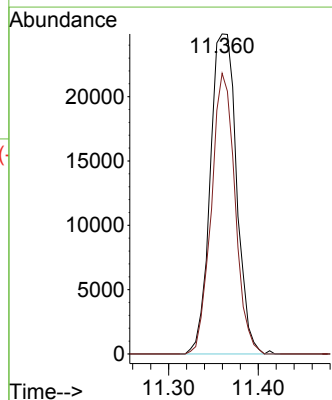
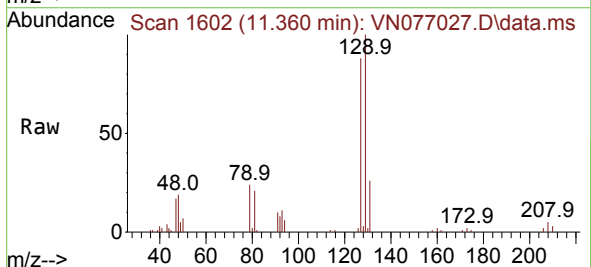
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

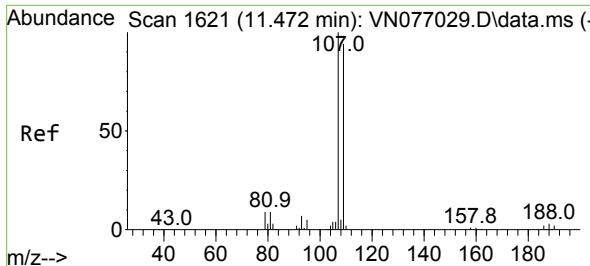
Tgt Ion: 43 Resp: 281544
Ion Ratio Lower Upper
43 100
58 53.3 27.7 83.1



#60
Dibromochloromethane
Concen: 9.731 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 129 Resp: 50585
Ion Ratio Lower Upper
129 100
127 78.9 38.6 115.7

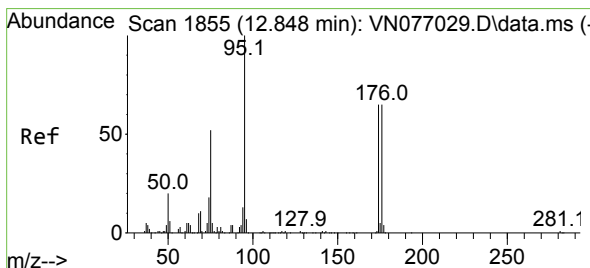
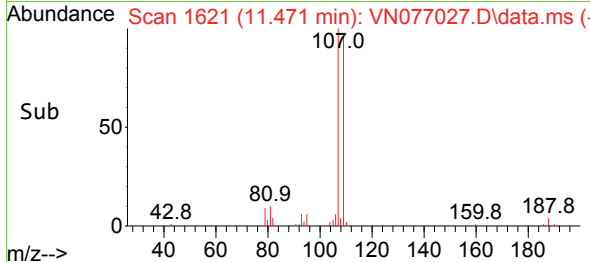
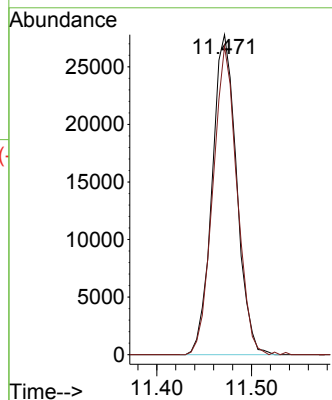
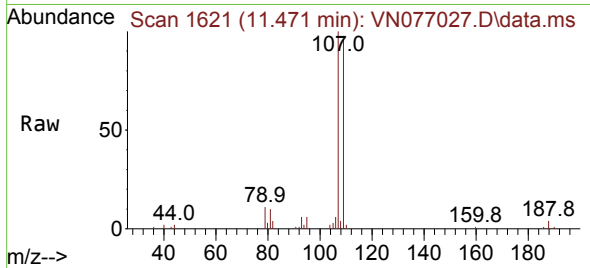




#61
1,2-Dibromoethane
Concen: 9.721 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

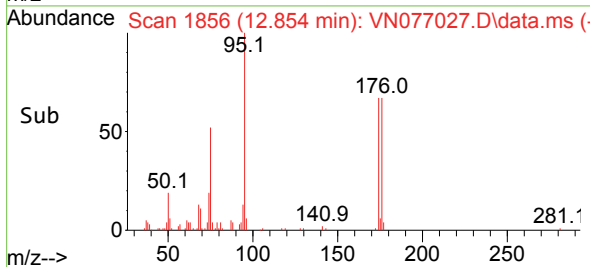
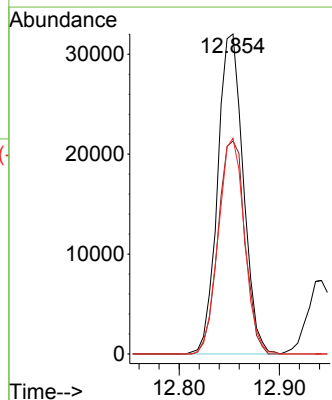
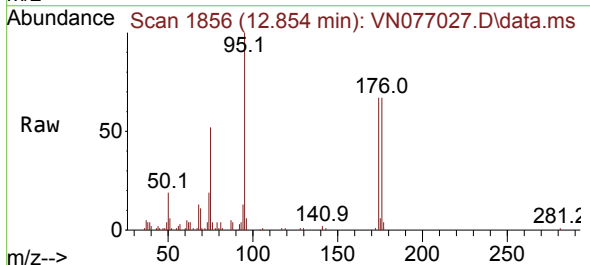
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

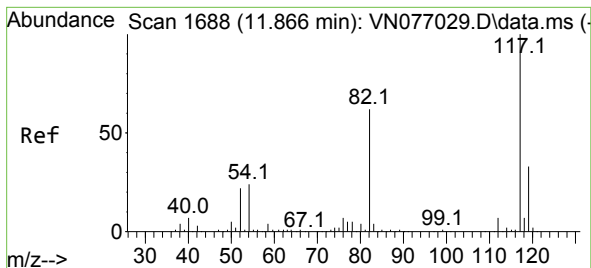
Tgt Ion:107 Resp: 49890
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 9.685 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 95 Resp: 56729
Ion Ratio Lower Upper
95 100
174 69.5 0.0 136.6
176 68.5 0.0 130.0

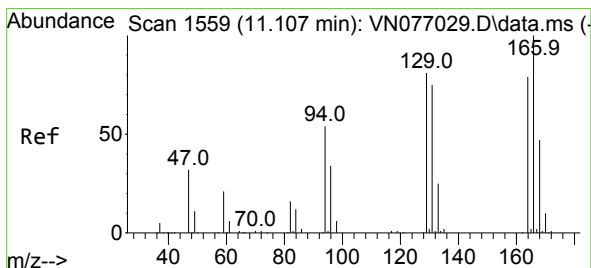
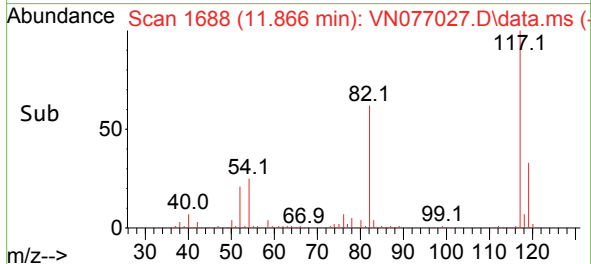
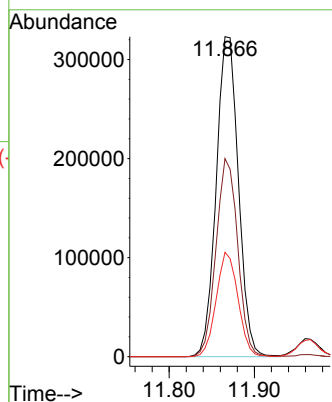
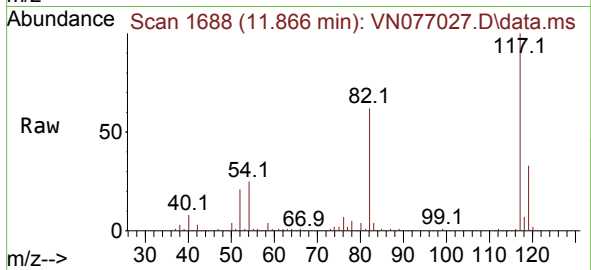




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

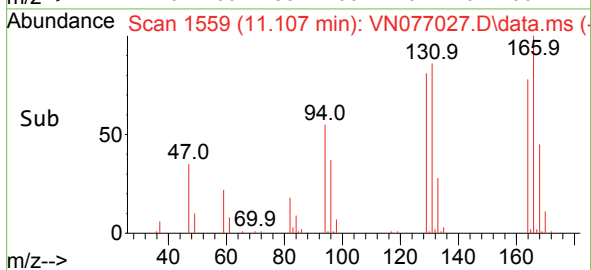
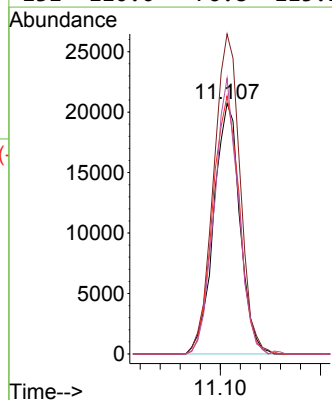
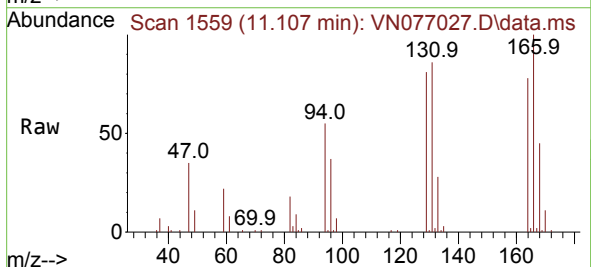
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

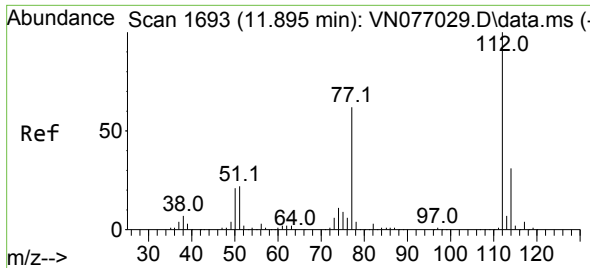
Tgt Ion:117 Resp: 585983
Ion Ratio Lower Upper
117 100
82 61.9 49.4 74.0
119 32.6 26.5 39.7



#64
Tetrachloroethene
Concen: 9.565 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion:164 Resp: 37615
Ion Ratio Lower Upper
164 100
166 127.7 101.9 152.9
129 103.0 82.6 123.8
131 110.0 76.8 115.2

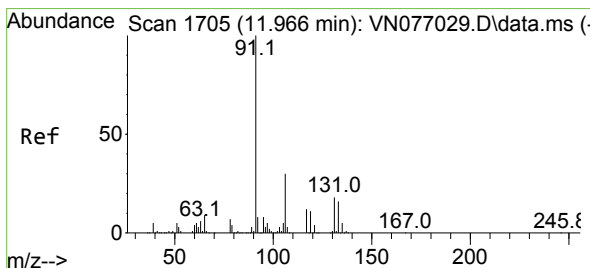
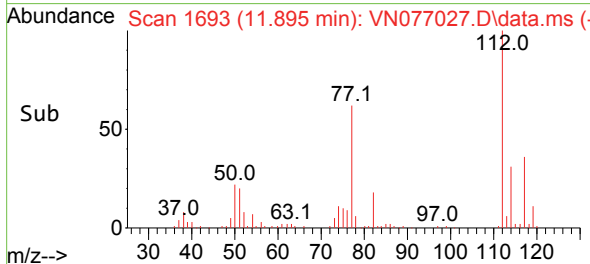
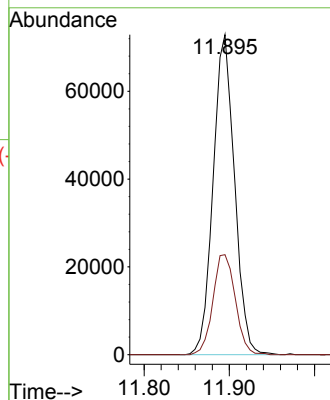
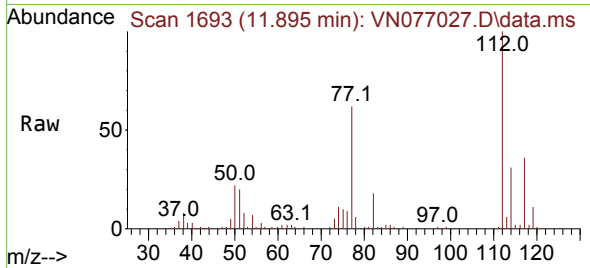




#65
Chlorobenzene
Concen: 9.418 ug/l
RT: 11.895 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

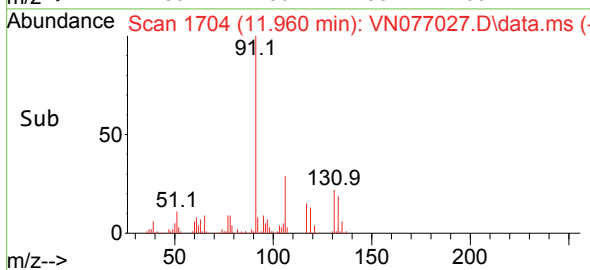
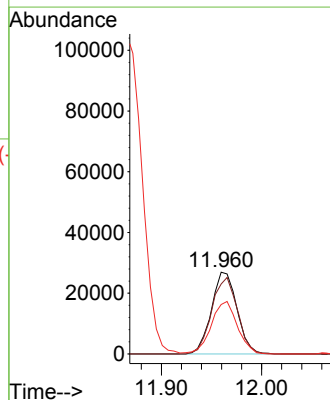
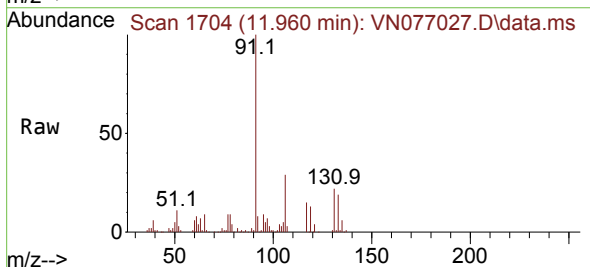
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

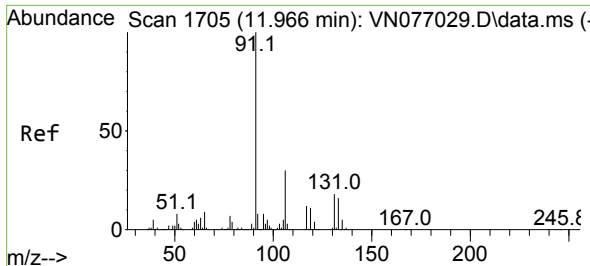
Tgt Ion:112 Resp: 126979
Ion Ratio Lower Upper
112 100
114 31.3 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 9.555 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion:131 Resp: 47667
Ion Ratio Lower Upper
131 100
133 94.3 46.8 140.3
119 65.8 32.6 97.8

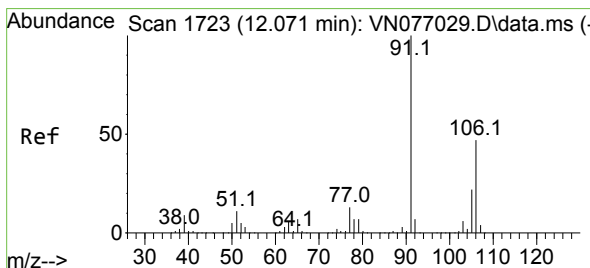
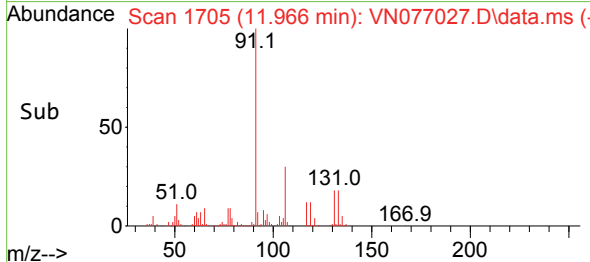
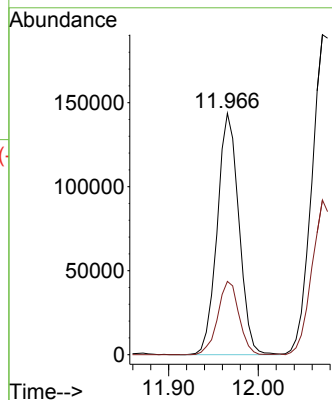
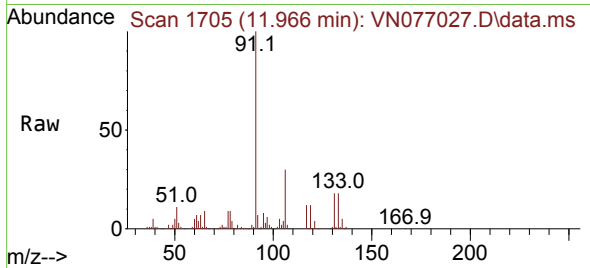




#67
Ethyl Benzene
Concen: 9.834 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

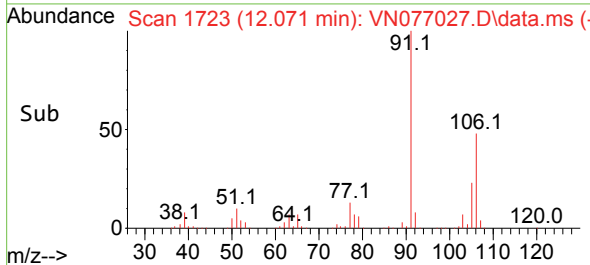
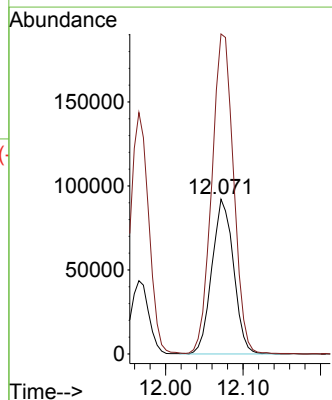
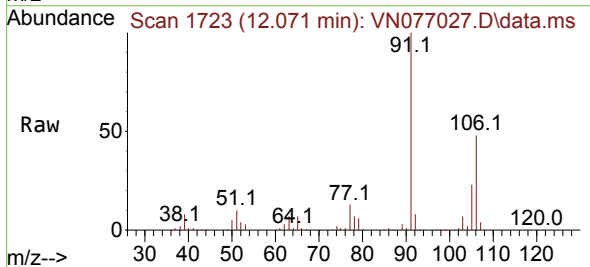
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

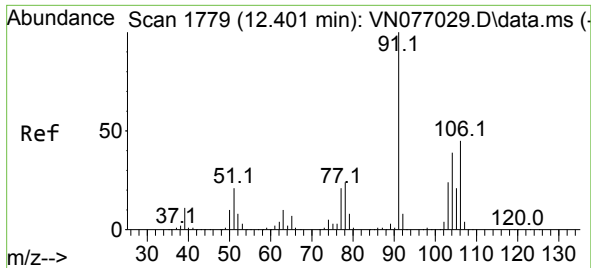
Tgt Ion: 91 Resp: 240836
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#68
m/p-Xylenes
Concen: 19.682 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion:106 Resp: 178762
Ion Ratio Lower Upper
106 100
91 208.7 168.0 252.0

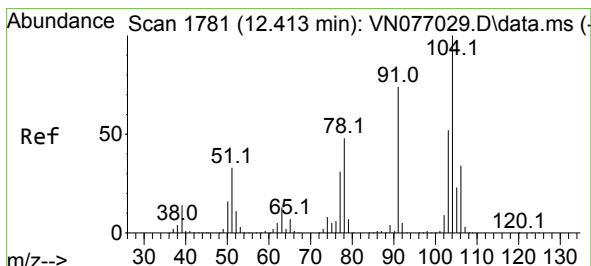
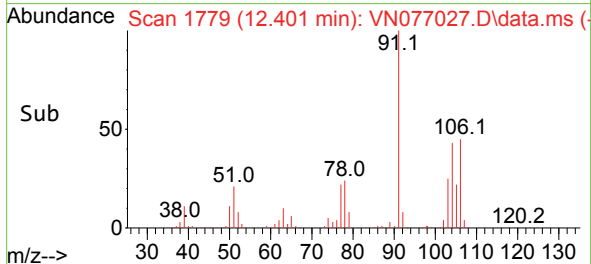
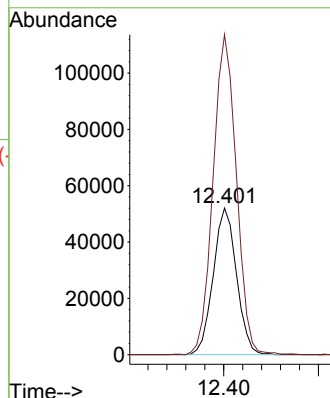
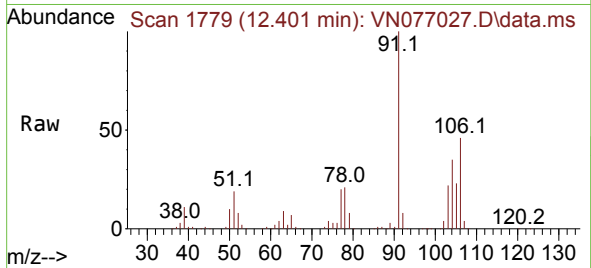




#69
o-Xylene
Concen: 9.840 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

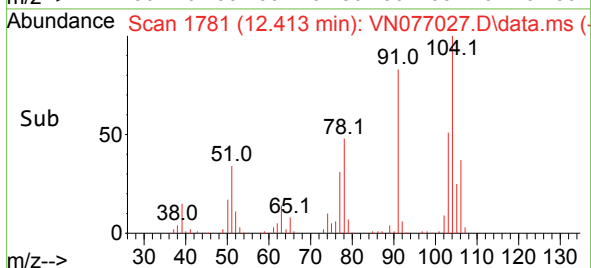
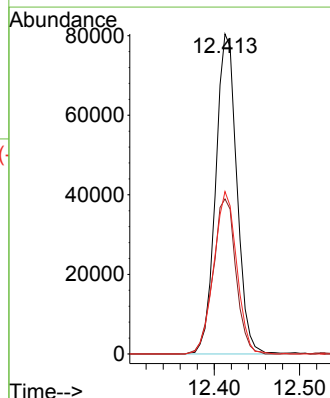
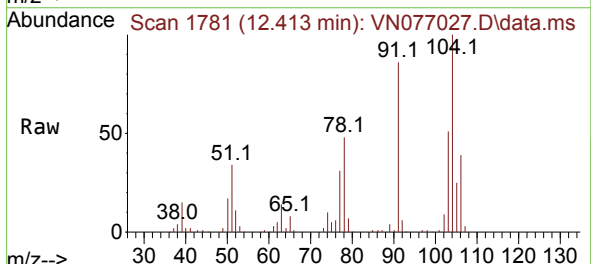
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

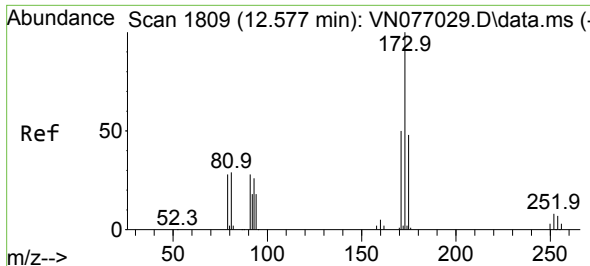
Tgt Ion:106 Resp: 88801
Ion Ratio Lower Upper
106 100
91 218.7 110.3 330.9



#70
Styrene
Concen: 9.877 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion:104 Resp: 138774
Ion Ratio Lower Upper
104 100
78 52.1 41.8 62.8
103 54.8 43.8 65.6

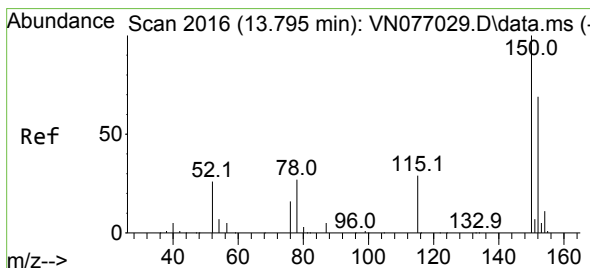
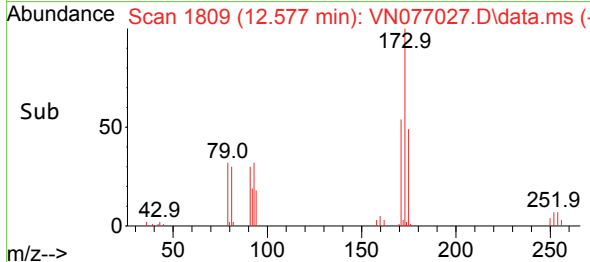
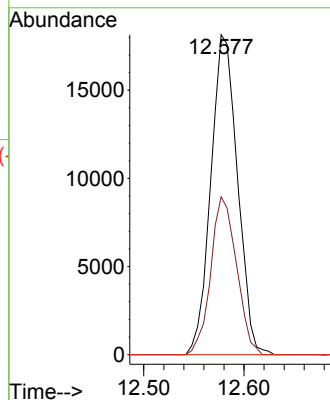
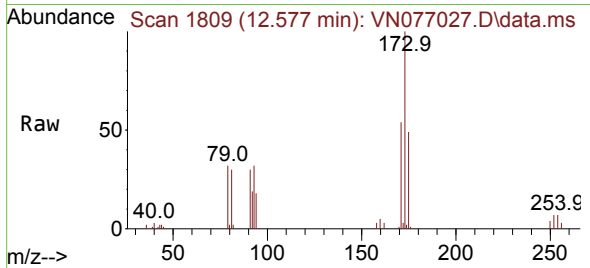




#71
Bromoform
Concen: 9.916 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

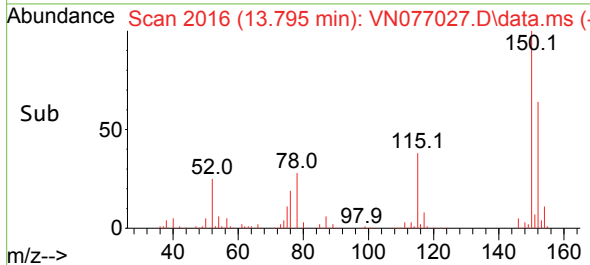
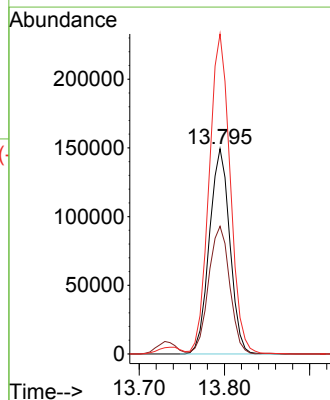
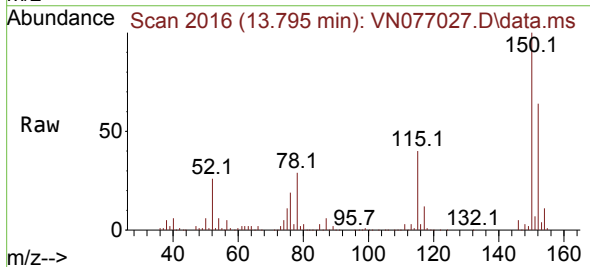
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

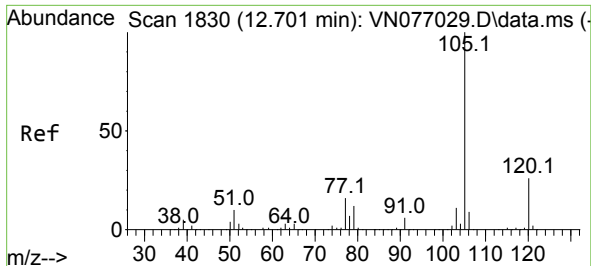
Tgt Ion:173 Resp: 33523
Ion Ratio Lower Upper
173 100
175 47.7 24.5 73.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion:152 Resp: 248600
Ion Ratio Lower Upper
152 100
115 64.1 31.9 95.7
150 160.8 0.0 348.0

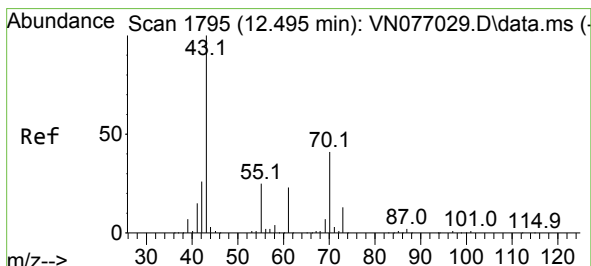
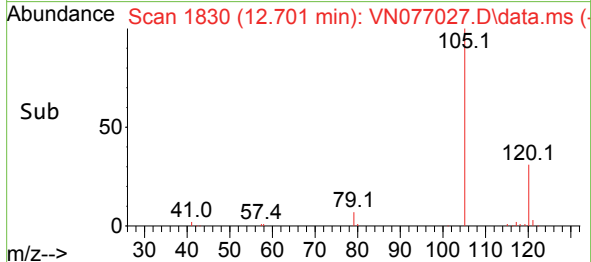
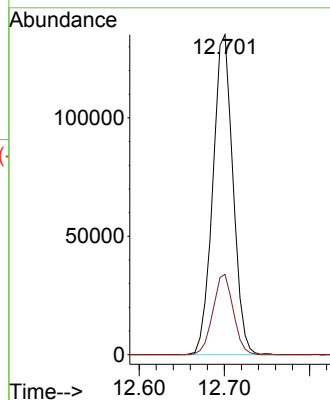
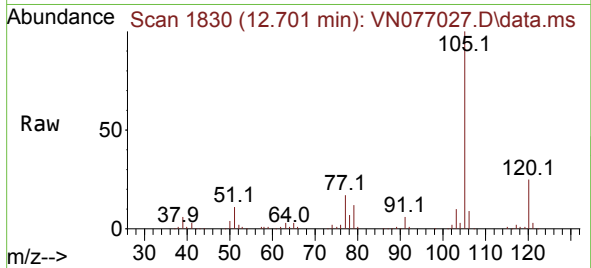




#73
Isopropylbenzene
Concen: 9.945 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

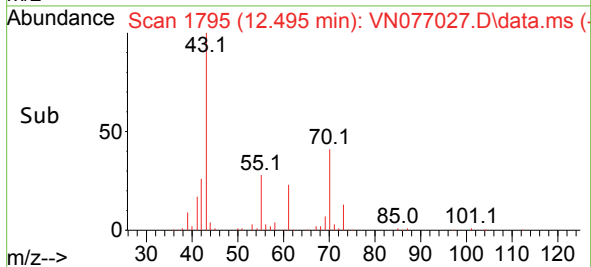
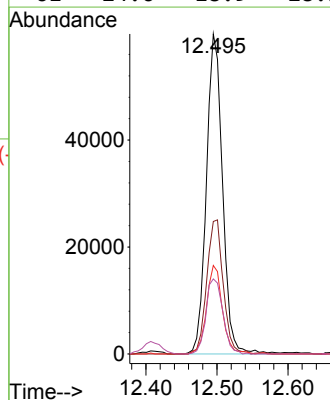
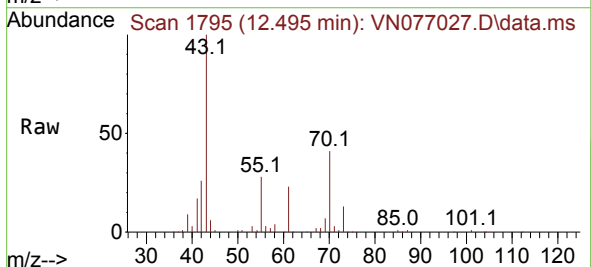
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

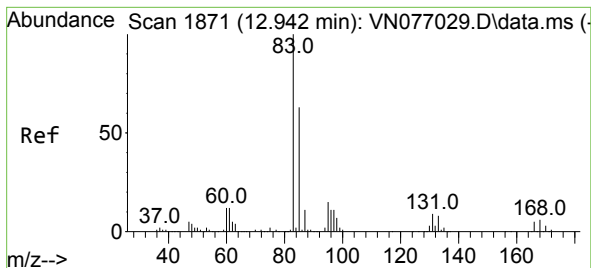
Tgt Ion:105 Resp: 221571
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4



#74
N-ethyl acetate
Concen: 9.818 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 43 Resp: 94679
Ion Ratio Lower Upper
43 100
70 42.8 33.6 50.4
55 27.1 20.3 30.5
61 24.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 10.188 ug/l

RT: 12.936 min Scan# 1870

Delta R.T. -0.006 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

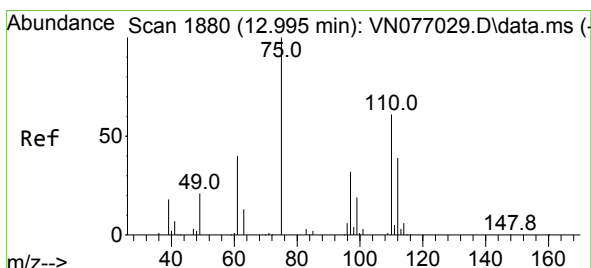
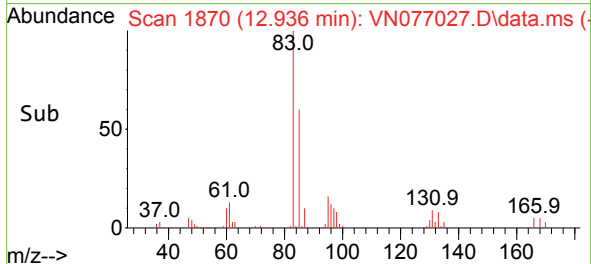
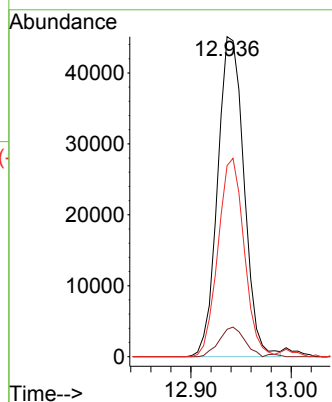
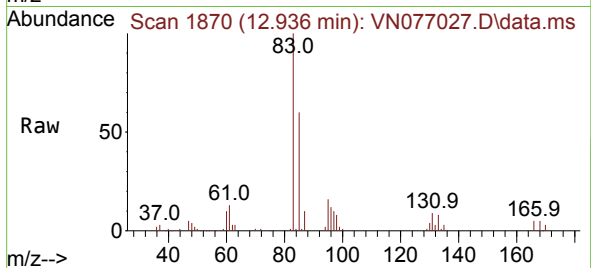
Tgt Ion: 83 Resp: 82232

Ion Ratio Lower Upper

83 100

131 9.0 4.5 13.7

85 61.4 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 14.750 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN077027.D

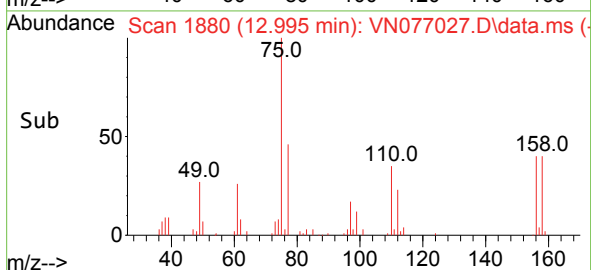
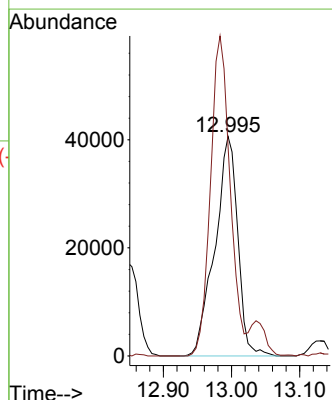
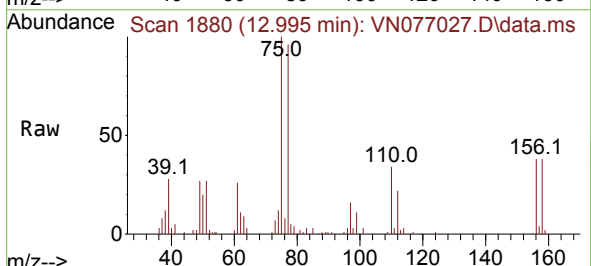
Acq: 17 Mar 2023 10:37

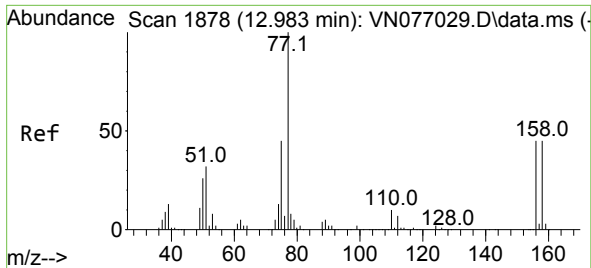
Tgt Ion: 75 Resp: 94863

Ion Ratio Lower Upper

75 100

77 126.3 107.3 322.0

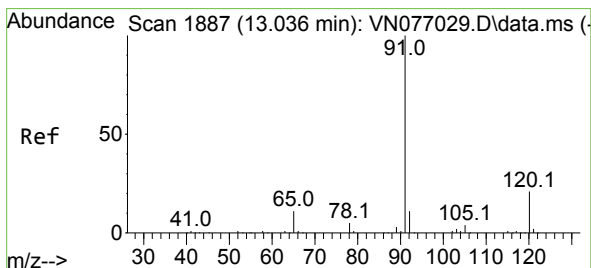
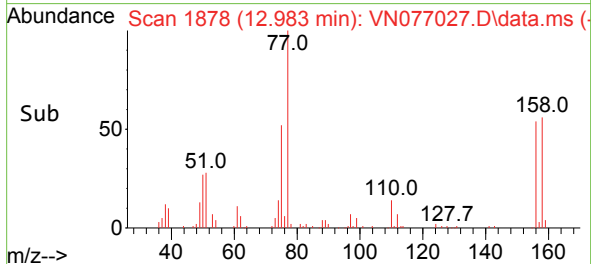
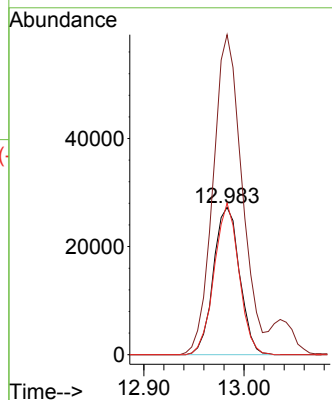
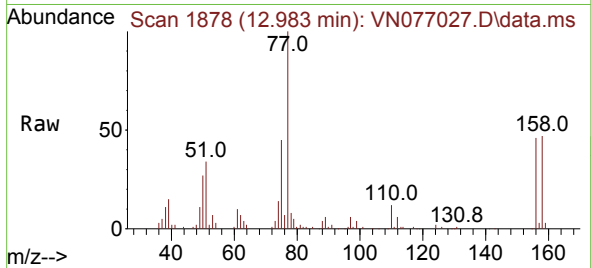




#77
Bromobenzene
Concen: 9.885 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

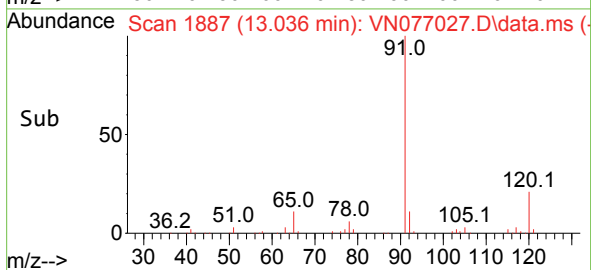
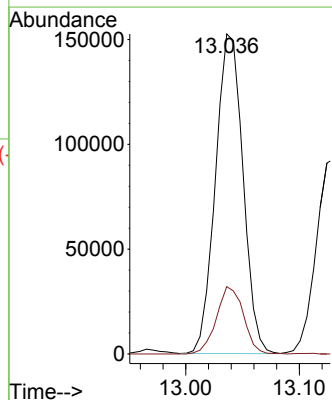
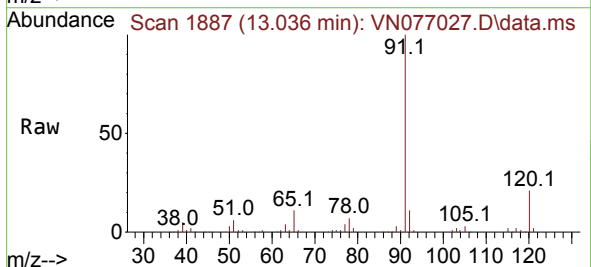
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

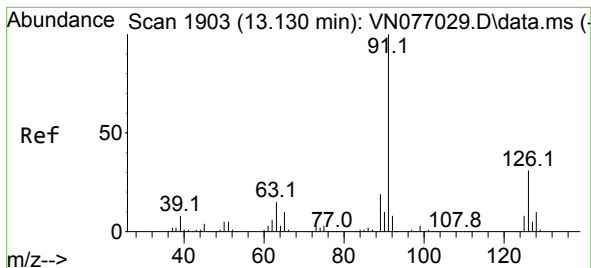
Tgt Ion:156 Resp: 49335
Ion Ratio Lower Upper
156 100
77 242.8 124.8 374.3
158 97.2 48.6 145.9



#78
n-propylbenzene
Concen: 9.970 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 91 Resp: 256403
Ion Ratio Lower Upper
91 100
120 20.7 10.8 32.3





#79

2-Chlorotoluene

Concen: 10.173 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

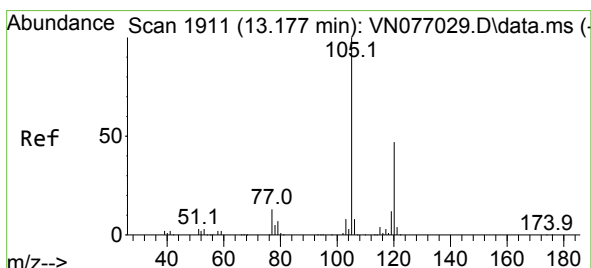
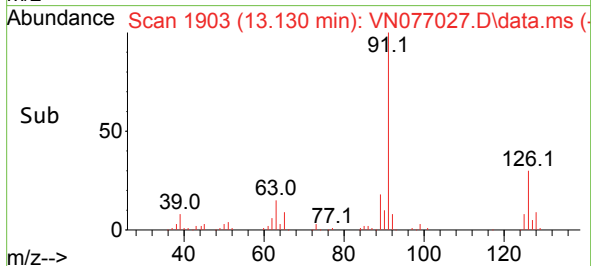
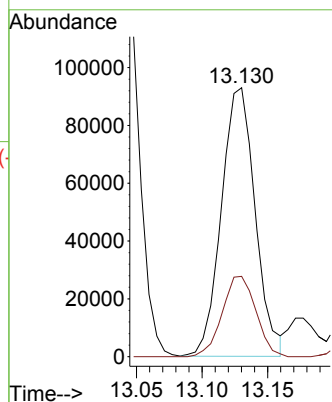
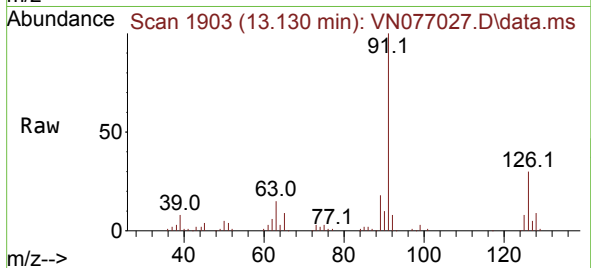
VSTDIC010

Tgt Ion: 91 Resp: 166720

Ion Ratio Lower Upper

91 100

126 29.8 15.2 45.5



#80

1,3,5-Trimethylbenzene

Concen: 10.312 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VN077027.D

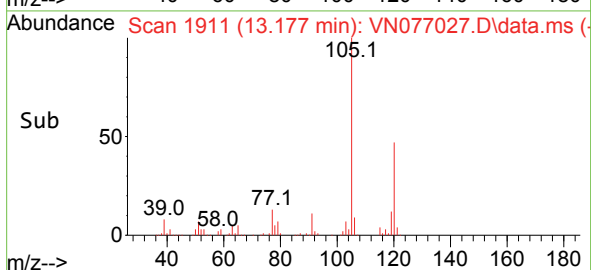
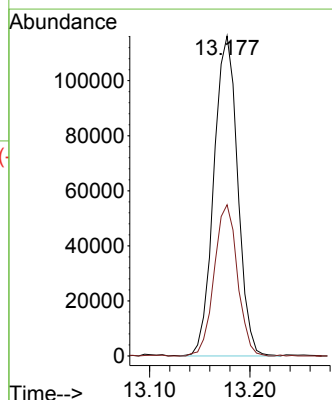
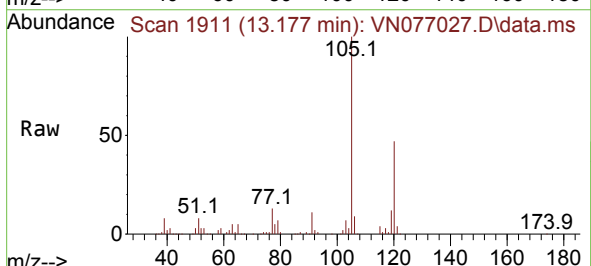
Acq: 17 Mar 2023 10:37

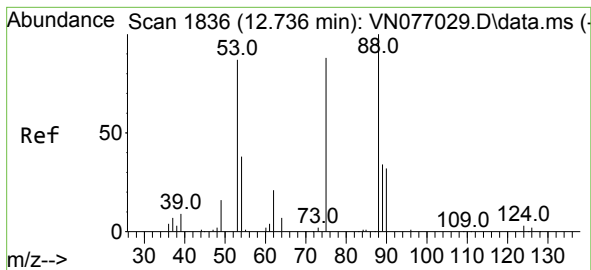
Tgt Ion: 105 Resp: 191803

Ion Ratio Lower Upper

105 100

120 46.1 23.4 70.2

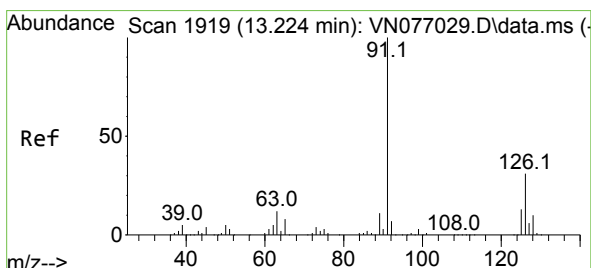
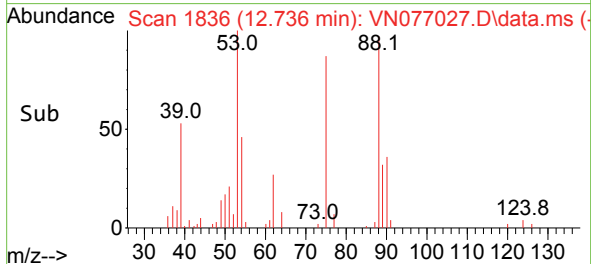
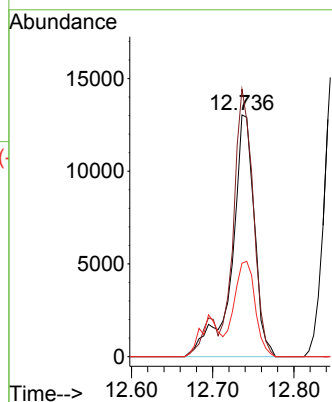
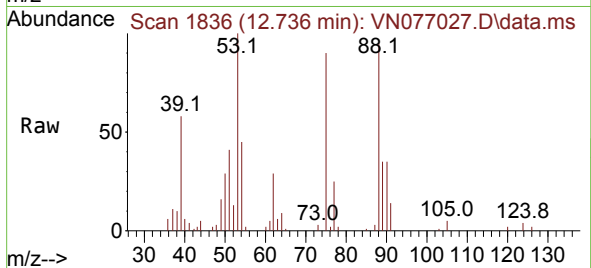




#81
trans-1,4-Dichloro-2-butene
Concen: 10.700 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

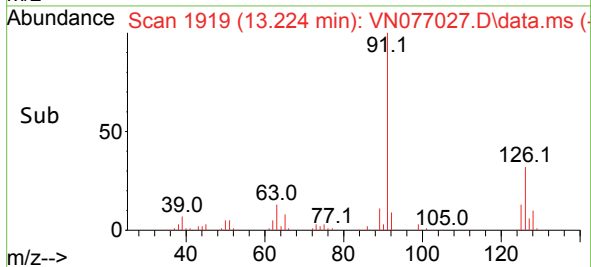
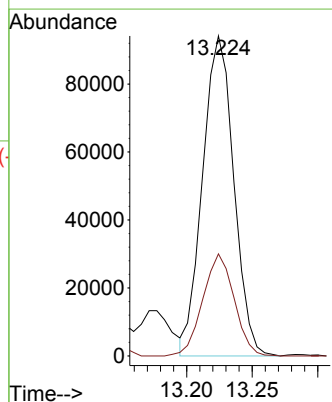
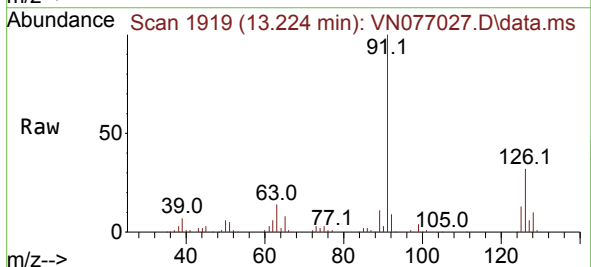
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

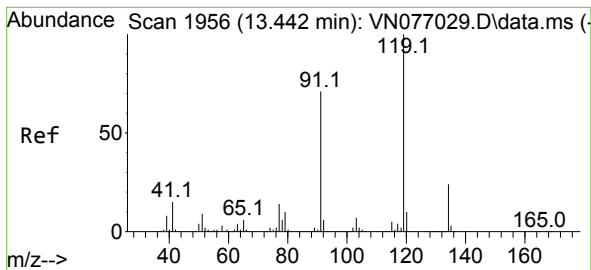
Tgt Ion: 75 Resp: 24996
Ion Ratio Lower Upper
75 100
53 96.3 80.8 121.2
89 37.0 34.2 51.4



#82
4-Chlorotoluene
Concen: 10.002 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 91 Resp: 155873
Ion Ratio Lower Upper
91 100
126 32.0 15.5 46.5

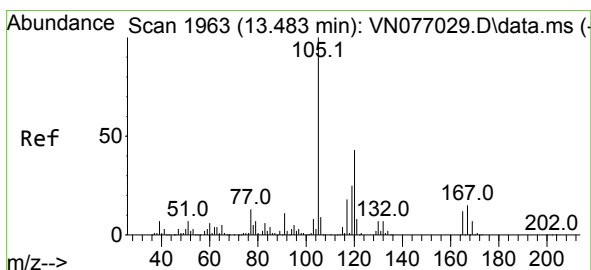
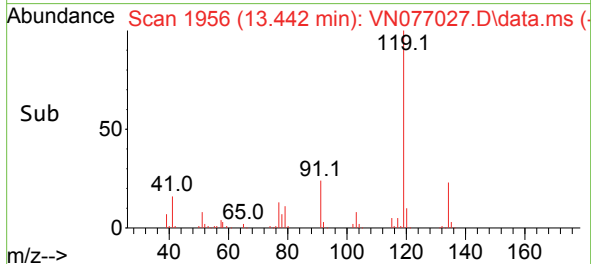
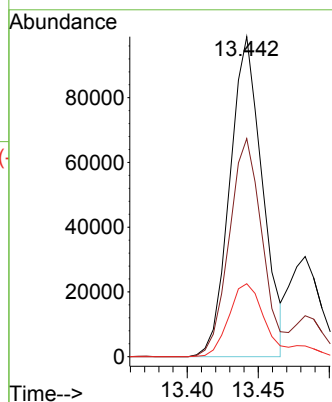
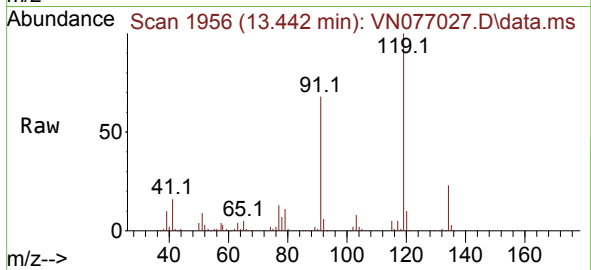




#83
tert-Butylbenzene
Concen: 10.110 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

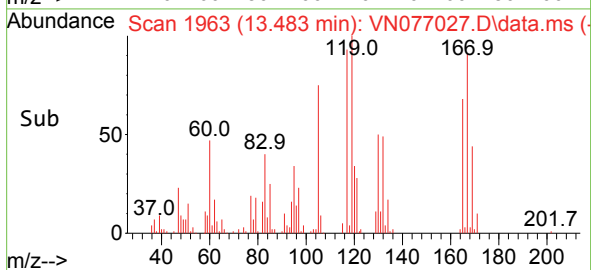
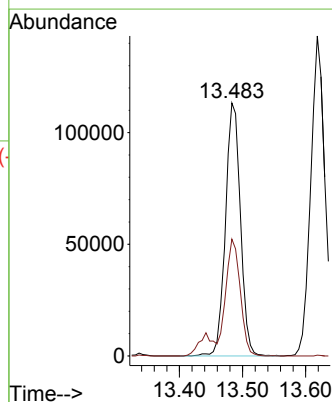
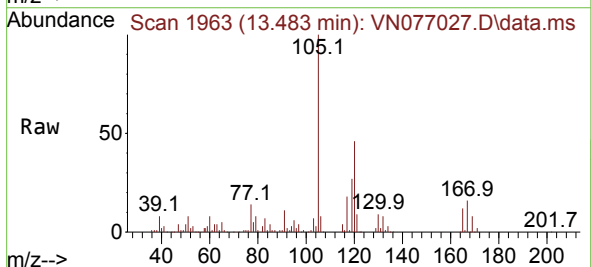
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

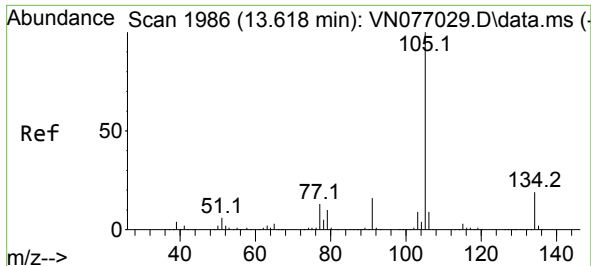
Tgt Ion:119 Resp: 157887
Ion Ratio Lower Upper
119 100
91 70.1 35.8 107.3
134 24.7 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 10.044 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion:105 Resp: 186438
Ion Ratio Lower Upper
105 100
120 44.5 21.8 65.3

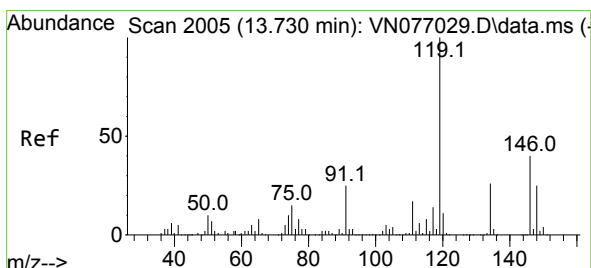
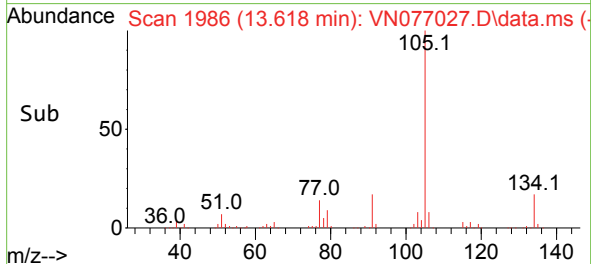
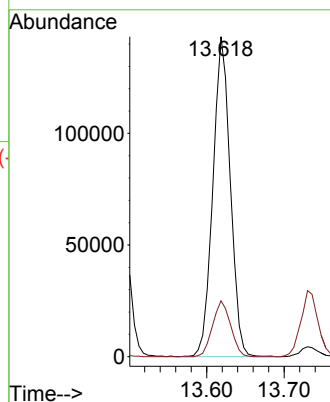
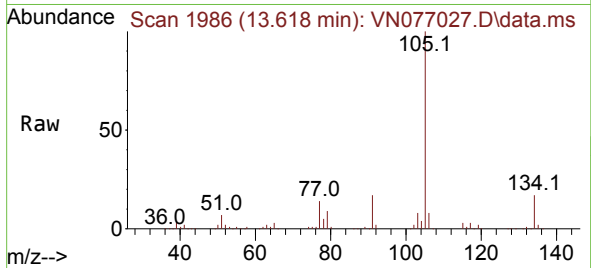




#85
 sec-Butylbenzene
 Concen: 10.070 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077027.D
 Acq: 17 Mar 2023 10:37

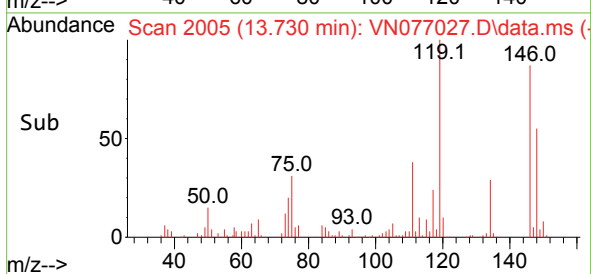
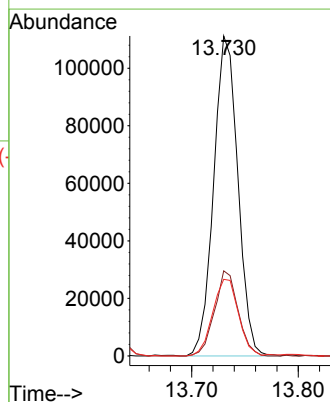
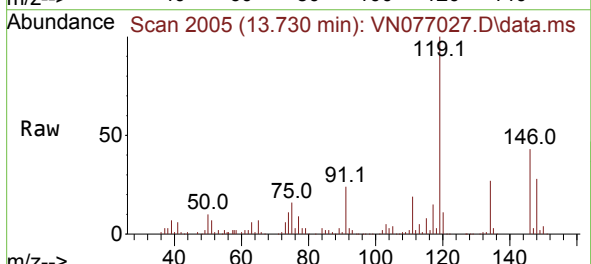
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

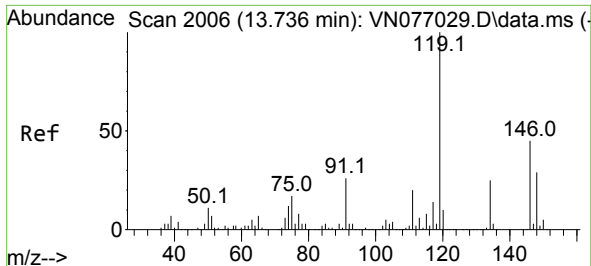
Tgt Ion:105 Resp: 223708
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 9.807 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077027.D
 Acq: 17 Mar 2023 10:37

Tgt Ion:119 Resp: 174957
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.4
 91 25.7 12.7 38.1

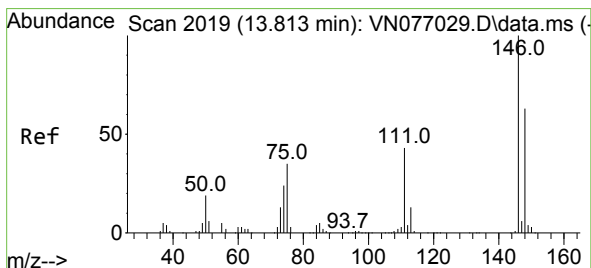
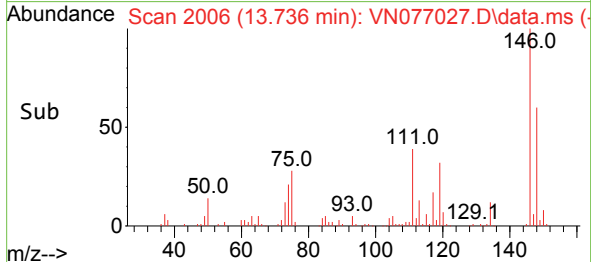
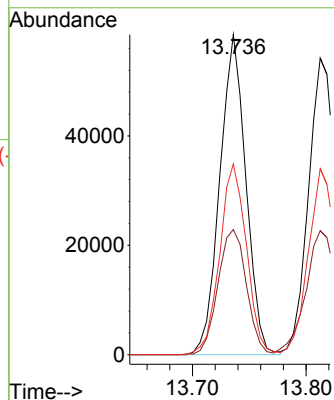
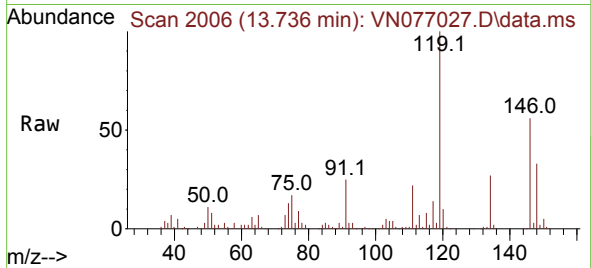




#87
1,3-Dichlorobenzene
Concen: 9.908 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

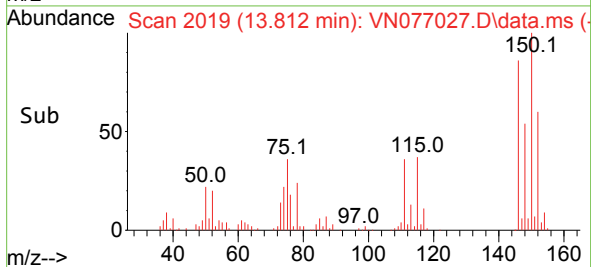
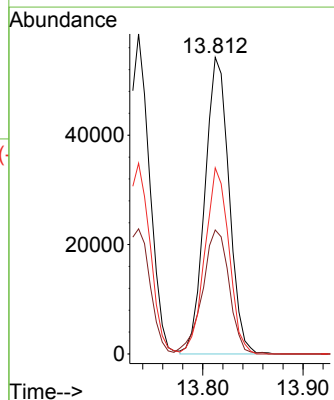
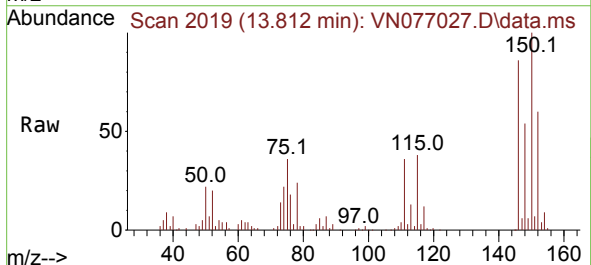
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

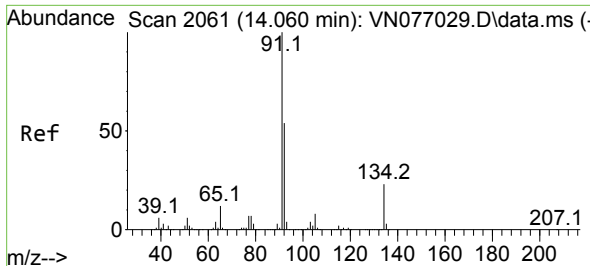
Tgt Ion:146 Resp: 93453
Ion Ratio Lower Upper
146 100
111 42.6 21.9 65.5
148 61.2 32.1 96.5



#88
1,4-Dichlorobenzene
Concen: 9.690 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion:146 Resp: 90932
Ion Ratio Lower Upper
146 100
111 46.1 21.5 64.5
148 62.4 31.9 95.9

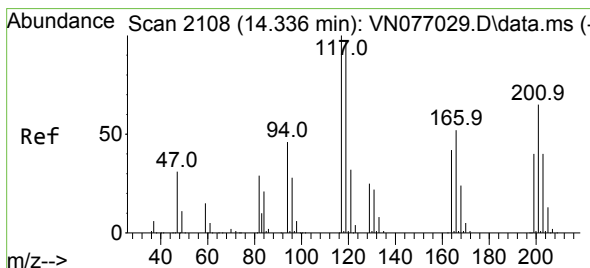
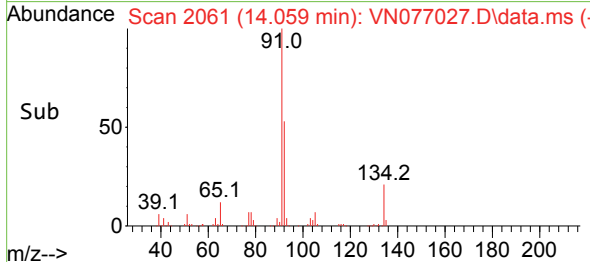
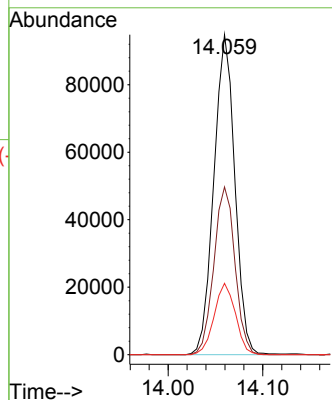
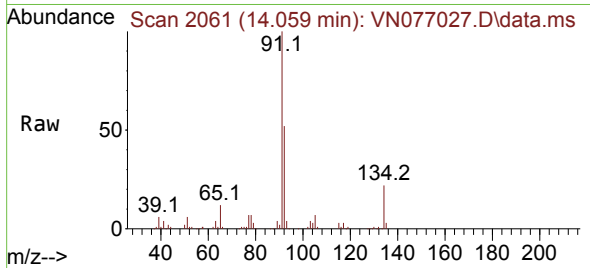




#89
n-Butylbenzene
Concen: 9.320 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

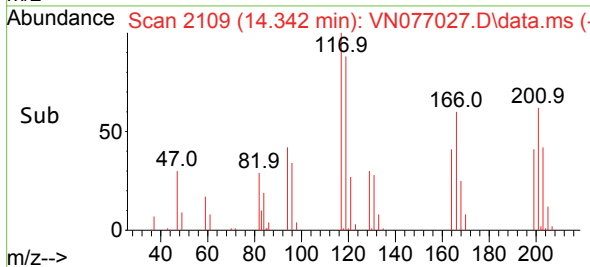
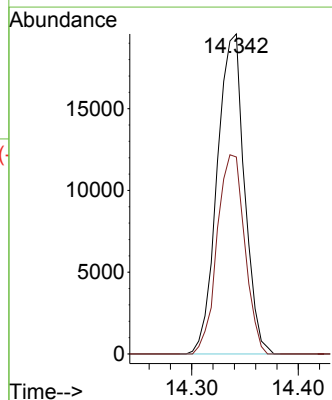
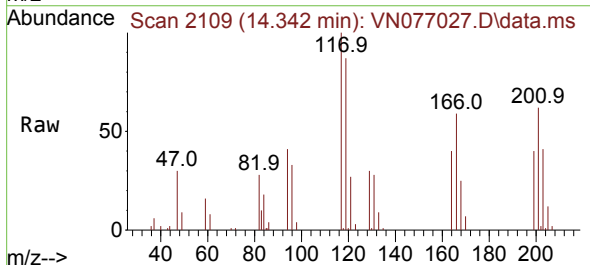
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

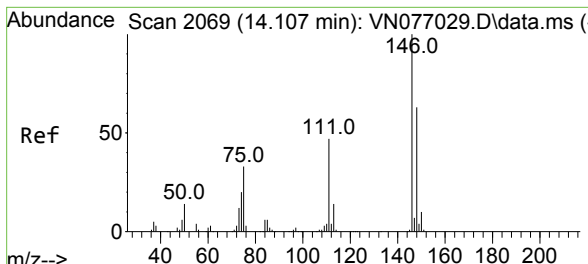
Tgt Ion: 91 Resp: 145869
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.5
134 22.7 11.7 35.1



#90
Hexachloroethane
Concen: 9.581 ug/l
RT: 14.342 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion: 117 Resp: 34752
Ion Ratio Lower Upper
117 100
201 63.1 32.5 97.4

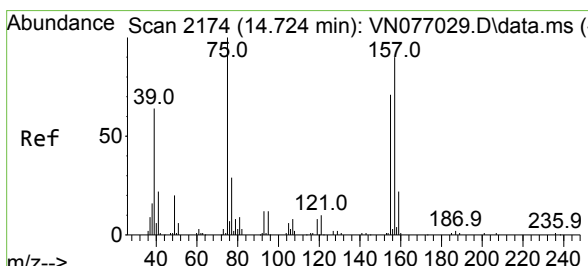
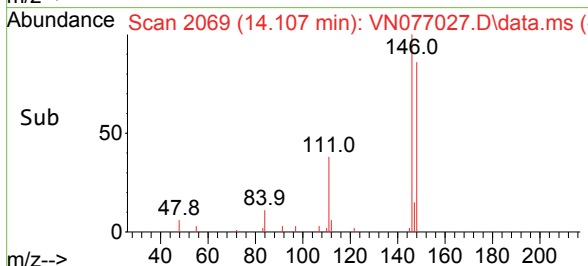
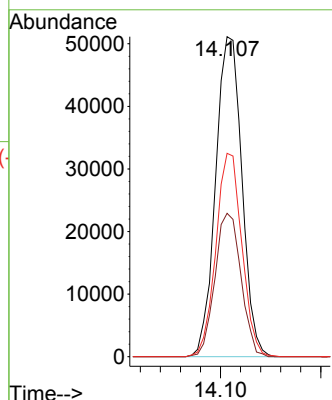
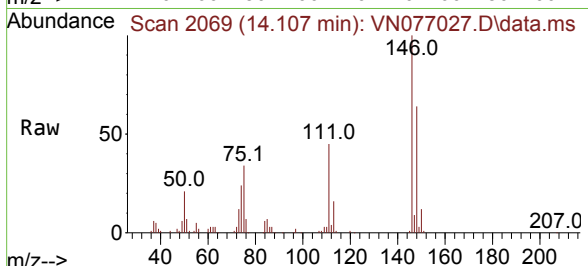




#91
1,2-Dichlorobenzene
Concen: 9.889 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

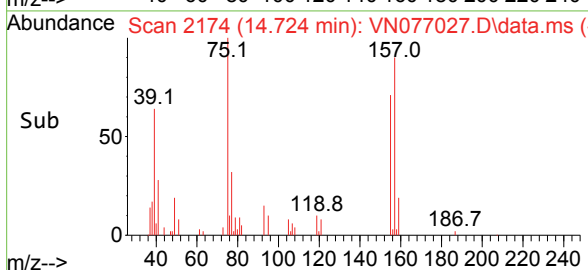
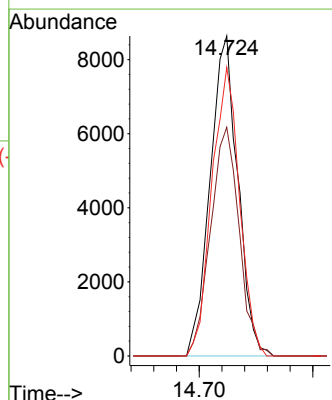
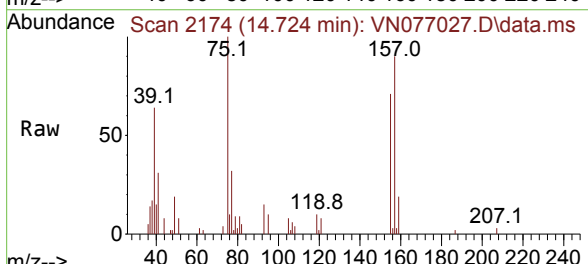
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

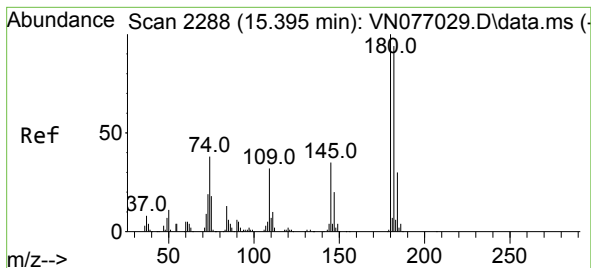
Tgt Ion:	146	Resp:	92978
Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.6	67.7
148	62.8	31.6	95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.801 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN077027.D
Acq: 17 Mar 2023 10:37

Tgt Ion:	75	Resp:	14659
Ion	Ratio	Lower	Upper
75	100		
155	73.4	36.1	108.3
157	90.0	45.8	137.3





#93

1,2,4-Trichlorobenzene

Concen: 9.280 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

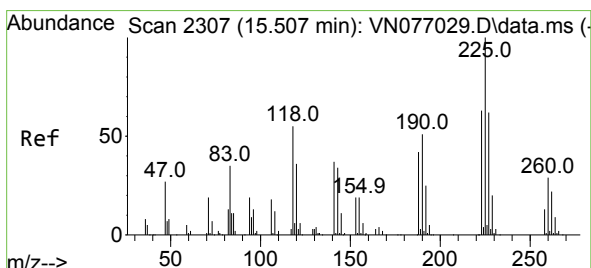
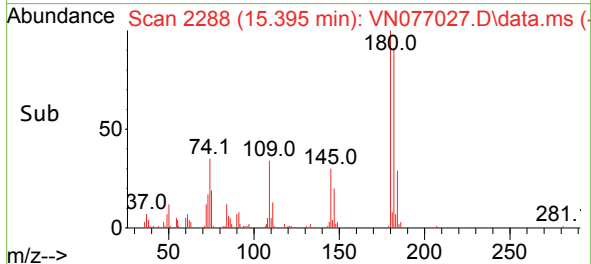
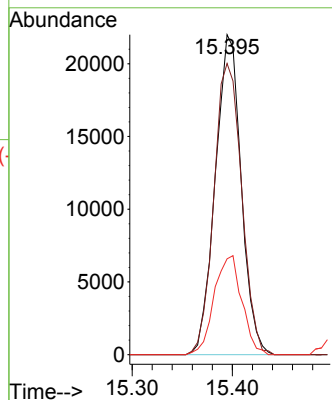
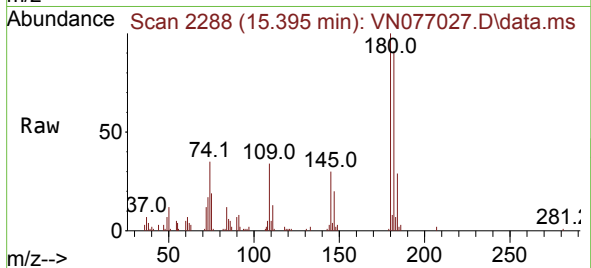
Tgt Ion:180 Resp: 39443

Ion Ratio Lower Upper

180 100

182 97.4 47.3 141.9

145 33.1 16.9 50.7



#94

Hexachlorobutadiene

Concen: 9.456 ug/l

RT: 15.506 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

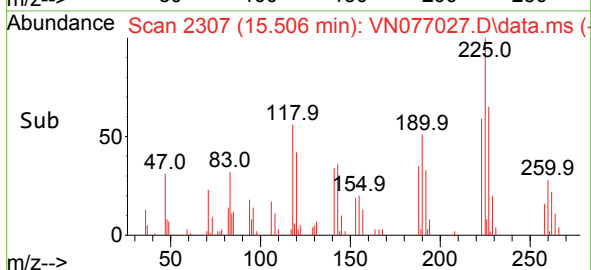
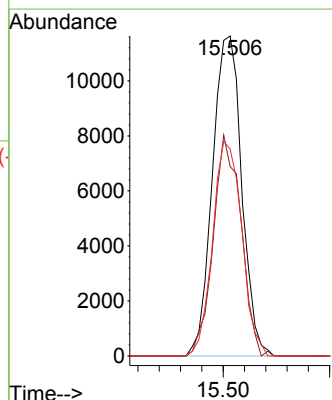
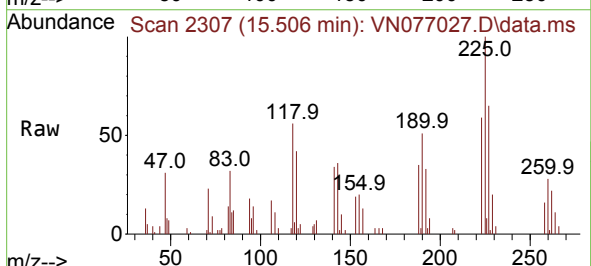
Tgt Ion:225 Resp: 22133

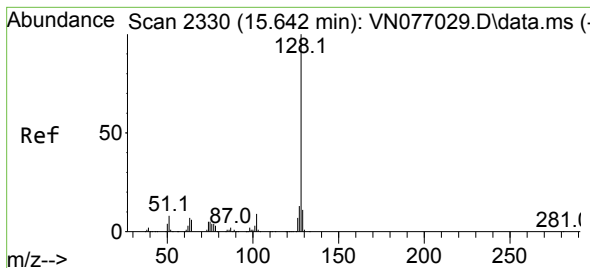
Ion Ratio Lower Upper

225 100

223 65.3 31.6 95.0

227 66.7 31.3 93.8





#95

Naphthalene

Concen: 9.286 ug/l

RT: 15.648 min Scan# 2331

Delta R.T. 0.006 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

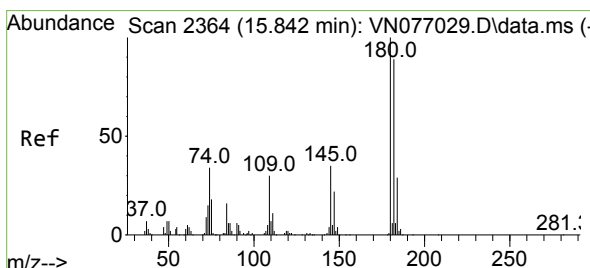
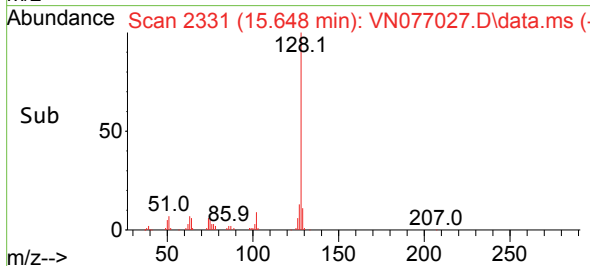
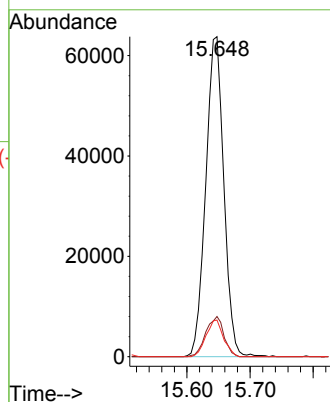
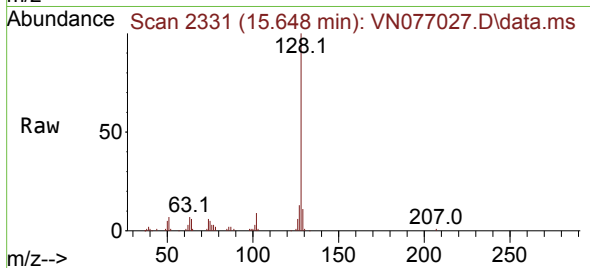
Tgt Ion:128 Resp: 126639

Ion Ratio Lower Upper

128 100

127 12.6 10.0 15.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 9.263 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077027.D

Acq: 17 Mar 2023 10:37

Tgt Ion:180 Resp: 39506

Ion Ratio Lower Upper

180 100

182 97.1 47.4 142.2

145 36.2 17.9 53.8

