

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077600.D
 Acq On : 05 May 2023 19:18
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: May 06 04:59:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat May 06 04:56:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	111579	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	669191	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	586079	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	281264	31.129	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.767%	
60) 4-Bromofluorobenzene	12.854	95	272028	29.247	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.500%	
63) Toluene-d8	10.572	98	847852	30.690	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	81691	10.236	ug/l	98
3) Chloromethane	2.372	50	62249	10.033	ug/l	92
4) Vinyl Chloride	2.525	62	78896	10.045	ug/l	90
5) Bromomethane	2.972	94	57352	10.049	ug/l	90
6) Chloroethane	3.137	64	54101	10.042	ug/l	97
7) Trichlorofluoromethane	3.507	101	115193	9.759	ug/l	98
8) Diethyl Ether	3.972	74	41794	9.850	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.390	101	60860	9.386	ug/l	80
10) 1,1-Dichloroethene	4.354	96	61563	9.978	ug/l	94
11) Methyl Iodide	4.601	142	70351	9.316	ug/l	92
12) Methyl Acetate	5.037	43	105932	9.898	ug/l #	84
13) Acrolein	4.190	56	61429	50.400	ug/l	96
14) Acrylonitrile	5.731	53	156439	49.540	ug/l	98
15) Acetone	4.437	58	42121	49.595	ug/l	99
16) Carbon Disulfide	4.725	76	146177	9.673	ug/l	98
17) Allyl chloride	5.037	41	74387	9.656	ug/l	94
18) Methylene Chloride	5.290	84	73952	9.948	ug/l	98
19) trans-1,2-Dichloroethene	5.795	96	65748	9.701	ug/l #	83
20) Diisopropyl ether	6.678	45	182658	9.949	ug/l	92
21) 1,1-Dichloroethane	6.584	63	120557	9.742	ug/l	94
22) cis-1,2-Dichloroethene	7.495	96	81774	9.994	ug/l	98
23) tert-Butyl Alcohol	5.537	59	62153	48.939	ug/l #	100
24) Methyl tert-Butyl Ether	5.813	73	222756	9.946	ug/l #	84
25) Chloroform	7.972	83	137191	9.899	ug/l	94
26) Cyclohexane	8.260	56	101580	10.089	ug/l #	94
29) 1,1-Dichloropropene	8.378	75	92233	9.407	ug/l	99
30) 2-Butanone	7.495	43	196362	49.486	ug/l #	97
31) 2,2-Dichloropropane	7.495	77	102455	9.483	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	124553	9.678	ug/l	99
33) Carbon Tetrachloride	8.372	117	100024	9.356	ug/l	99
34) Benzene	8.613	78	301453	9.965	ug/l	97
35) Methacrylonitrile	7.784	41	42720	9.707	ug/l	87
36) 1,2-Dichloroethane	8.672	62	107365	9.978	ug/l	100
37) Trichloroethene	9.354	130	71097	9.630	ug/l	98
38) Methylcyclohexane	9.607	83	110592	8.982	ug/l	98
39) 1,2-Dichloropropane	9.625	63	68750	9.531	ug/l	95
40) Dibromomethane	9.713	93	54506	9.877	ug/l	97
41) Bromodichloromethane	9.889	83	104489	9.559	ug/l #	97
42) Vinyl Acetate	6.619	43	550939	47.570	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077600.D
 Acq On : 05 May 2023 19:18
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: May 06 04:59:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat May 06 04:56:16 2023
 Response via : Initial Calibration

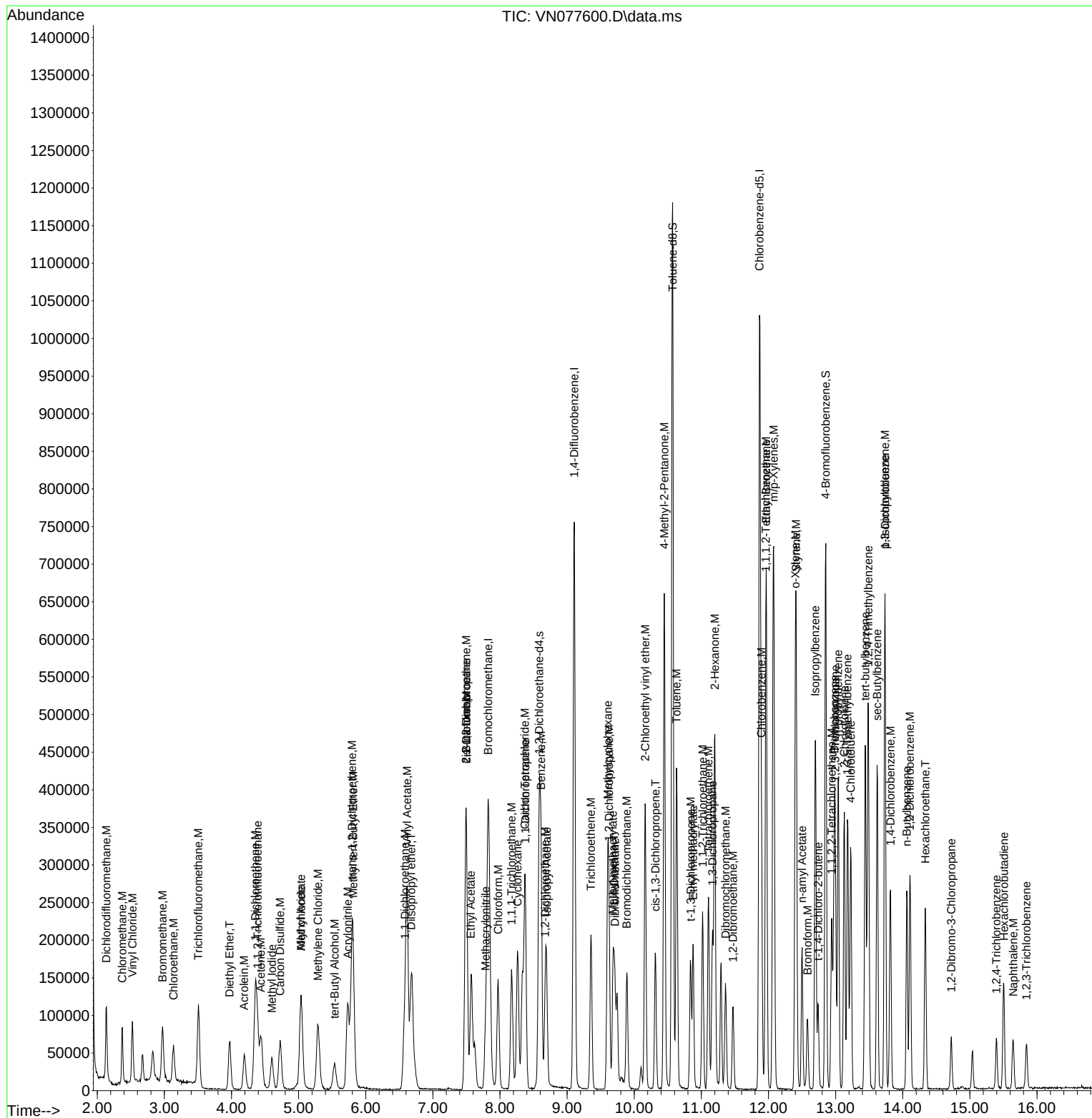
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	84051	10.190	ug/l	# 88
44) Isopropyl Acetate	8.695	43	134778	9.607	ug/l	100
45) 1,4-Dioxane	9.701	88	28561	191.478	ug/l	97
46) Methyl methacrylate	9.683	41	62718	9.807	ug/l	99
47) n-amyl Acetate	12.501	43	94084	8.556	ug/l	97
48) t-1,3-Dichloropropene	10.842	75	99321	9.080	ug/l	97
49) cis-1,3-Dichloropropene	10.319	75	108862	9.078	ug/l	94
50) 1,1,2-Trichloroethane	11.019	97	75244	9.673	ug/l	92
51) Ethyl methacrylate	10.878	69	104933	9.212	ug/l	95
52) 1,3-Dichloropropane	11.166	76	129829	9.934	ug/l	96
53) Dibromochloromethane	11.360	129	73972	9.343	ug/l	95
54) 1,2-Dibromoethane	11.472	107	75545	9.591	ug/l	95
55) 2-Chloroethyl vinyl ether	10.166	63	179926	47.574	ug/l	97
56) Bromoform	12.583	173	39640	8.314	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	413127	50.523	ug/l	99
59) 2-Hexanone	11.201	43	291458	49.377	ug/l	98
61) Tetrachloroethene	11.107	164	54363	10.035	ug/l	93
62) Toluene	10.630	91	329170	9.989	ug/l	96
64) Chlorobenzene	11.895	112	192222	9.837	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.960	131	69096	9.681	ug/l	94
66) Ethyl Benzene	11.966	91	339382	9.522	ug/l	100
67) m/p-Xylenes	12.077	106	257406	18.942	ug/l	98
68) o-Xylene	12.401	106	130429	9.644	ug/l	95
69) Styrene	12.413	104	188454	8.851	ug/l	99
70) Isopropylbenzene	12.695	105	319961	9.190	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	107043	9.886	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	116743	12.522	ug/l	71
73) Bromobenzene	12.983	156	66933	9.313	ug/l	97
74) n-propylbenzene	13.036	91	341525	8.839	ug/l	100
75) 2-Chlorotoluene	13.130	91	222848	9.265	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	226050	8.385	ug/l	100
77) t-1,4-Dichloro-2-butene	12.742	75	23263	8.234	ug/l	93
78) 4-Chlorotoluene	13.224	91	205741	9.045	ug/l	97
79) tert-butylbenzene	13.442	119	227240	9.157	ug/l	97
80) 1,2,4-Trimethylbenzene	13.489	105	194734	7.759	ug/l	99
81) sec-Butylbenzene	13.619	105	302295	8.776	ug/l	98
82) p-Isopropyltoluene	13.736	119	219702	8.297	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	115161	8.968	ug/l	98
84) 1,4-Dichlorobenzene	13.819	146	110987	8.786	ug/l	99
85) n-Butylbenzene	14.060	91	152302	7.318	ug/l	99
86) Hexachloroethane	14.336	117	45625	8.815	ug/l	98
87) 1,2-Dichlorobenzene	14.107	146	119792	9.233	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	19600	9.547	ug/l	89
89) 1,2,4-Trichlorobenzene	15.395	180	18921	9.909	ug/l	94
90) Hexachlorobutadiene	15.507	225	22178	8.447	ug/l	94
91) Naphthalene	15.648	128	59695	9.845	ug/l	97
92) 1,2,3-Trichlorobenzene	15.842	180	17859	9.883	ug/l	97

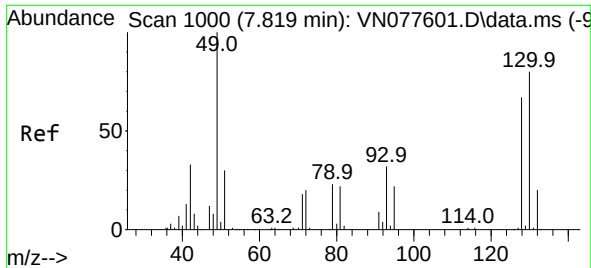
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077600.D
 Acq On : 05 May 2023 19:18
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: May 06 04:59:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat May 06 04:56:16 2023
 Response via : Initial Calibration

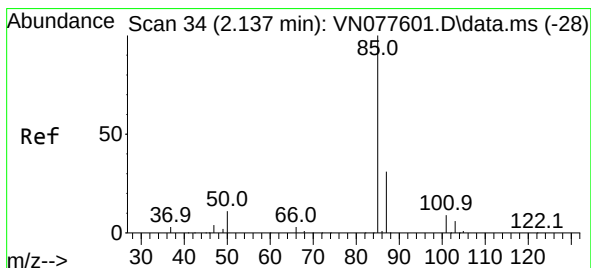
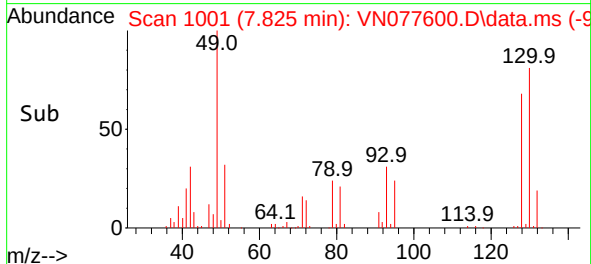
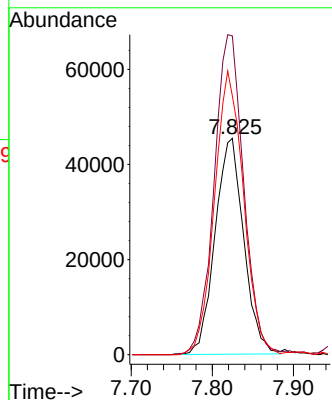
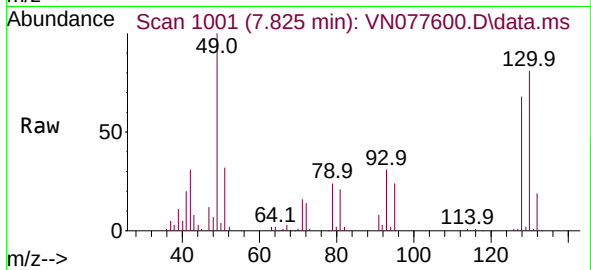




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

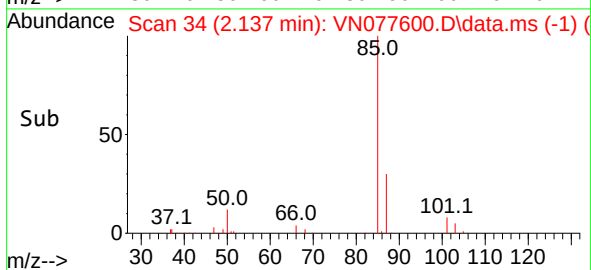
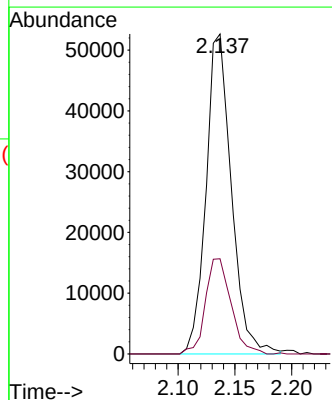
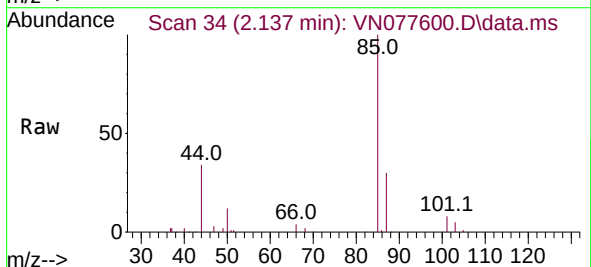
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

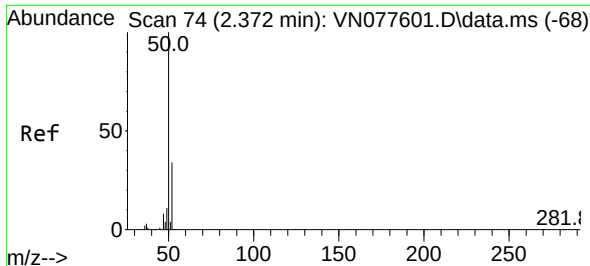
Tgt Ion:128 Resp: 111579
Ion Ratio Lower Upper
128 100
49 152.6 0.0 369.8
130 133.4 0.0 317.8



#2
Dichlorodifluoromethane
Concen: 10.236 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 85 Resp: 81691
Ion Ratio Lower Upper
85 100
87 29.7 15.3 45.9

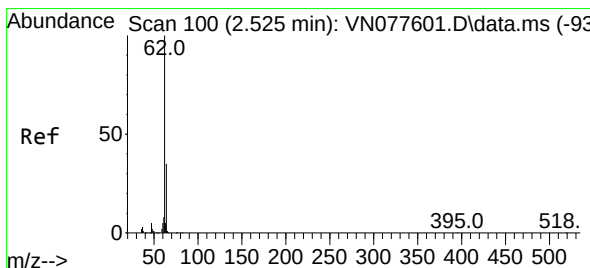
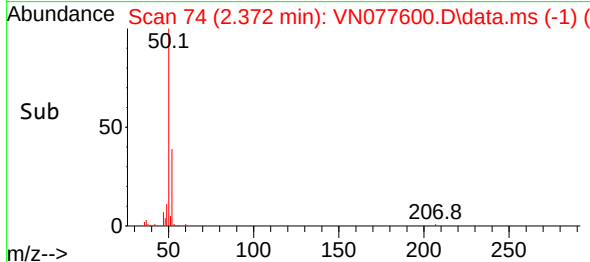
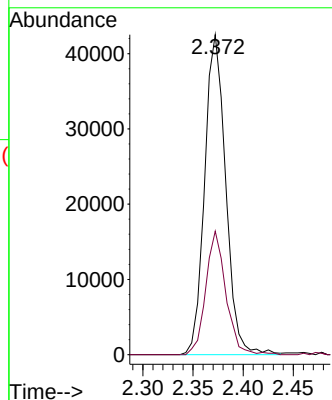
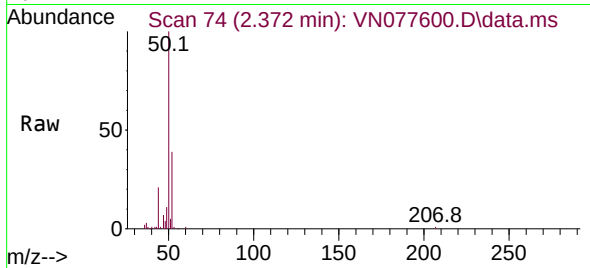




#3
Chloromethane
Concen: 10.033 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

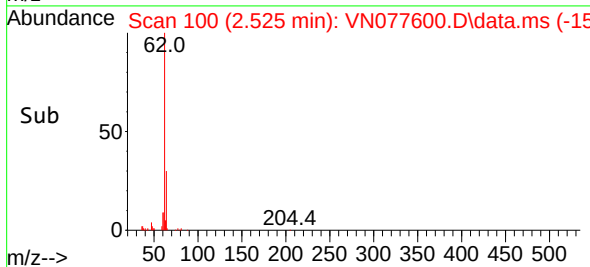
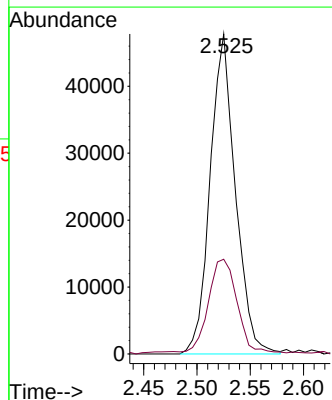
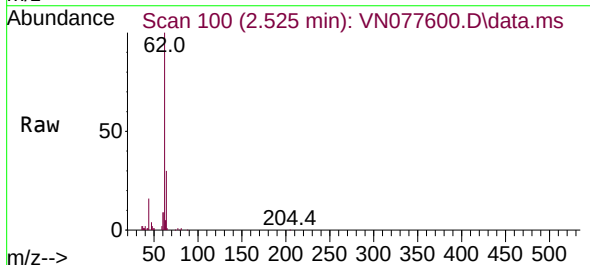
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

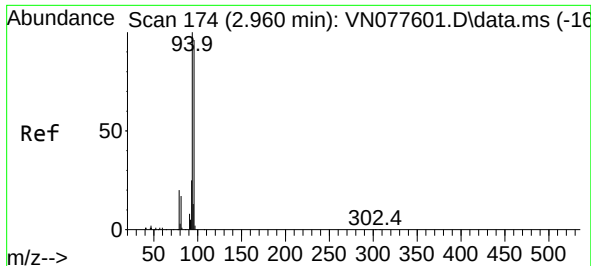
Tgt Ion: 50 Resp: 62249
Ion Ratio Lower Upper
50 100
52 38.6 27.3 40.9



#4
Vinyl Chloride
Concen: 10.045 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 62 Resp: 78896
Ion Ratio Lower Upper
62 100
64 29.0 27.8 41.6

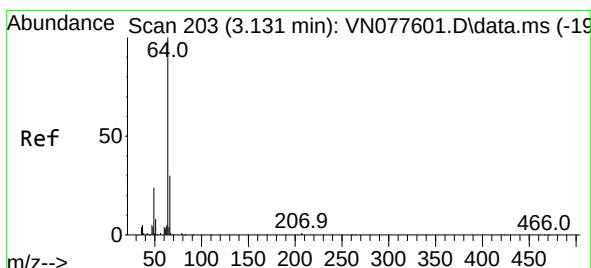
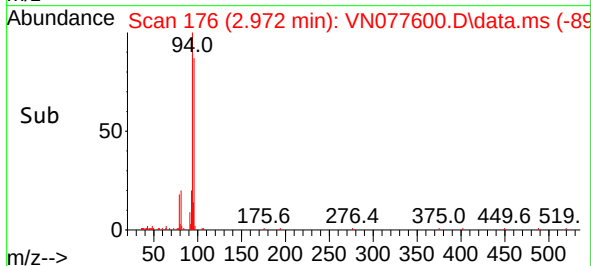
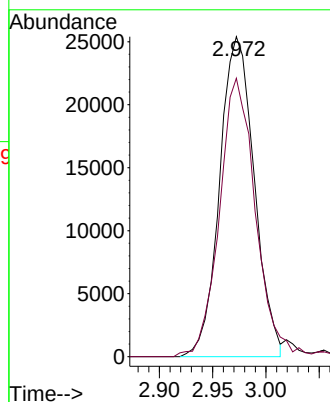
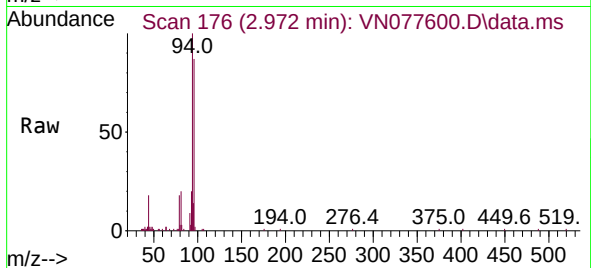




#5
Bromomethane
Concen: 10.049 ug/l
RT: 2.972 min Scan# 176
Delta R.T. 0.012 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

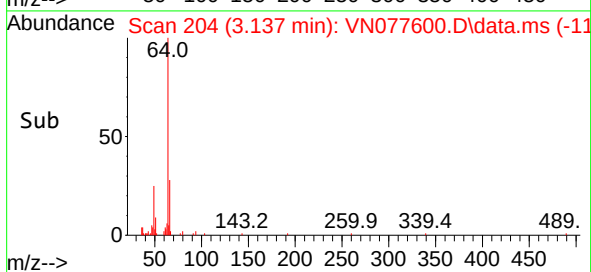
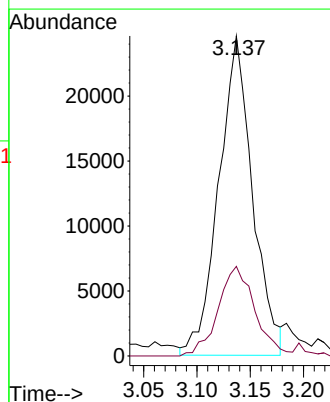
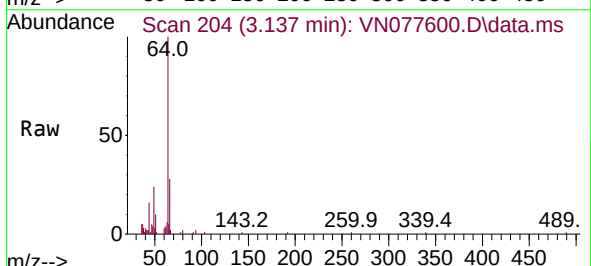
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

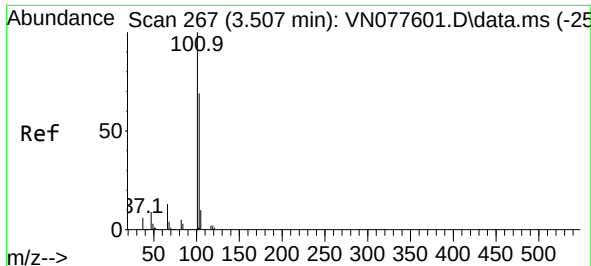
Tgt Ion: 94 Resp: 57352
Ion Ratio Lower Upper
94 100
96 85.8 76.7 115.1



#6
Chloroethane
Concen: 10.042 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 64 Resp: 54101
Ion Ratio Lower Upper
64 100
66 28.8 24.2 36.4

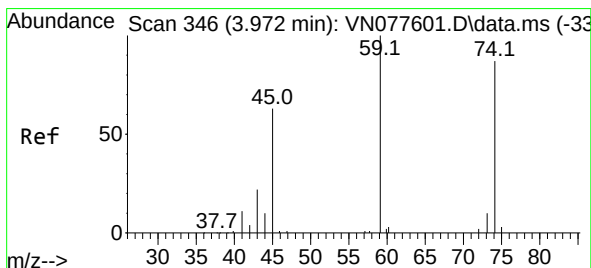
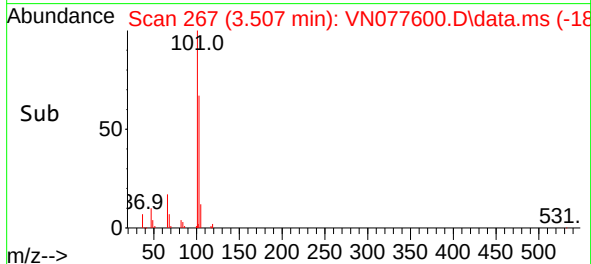
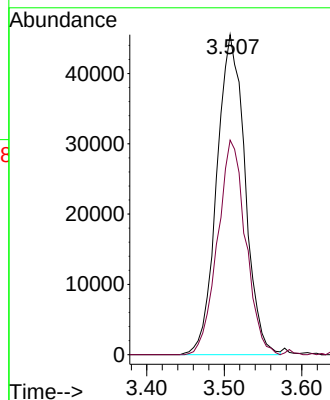
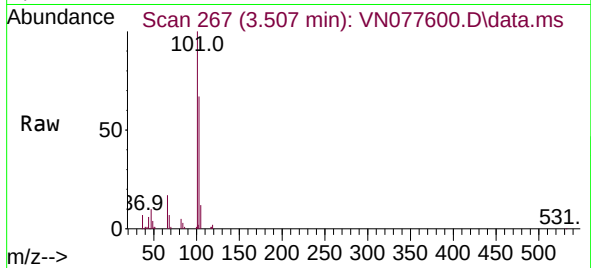




#7
 Trichlorofluoromethane
 Concen: 9.759 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN077600.D
 Acq: 05 May 2023 19:18

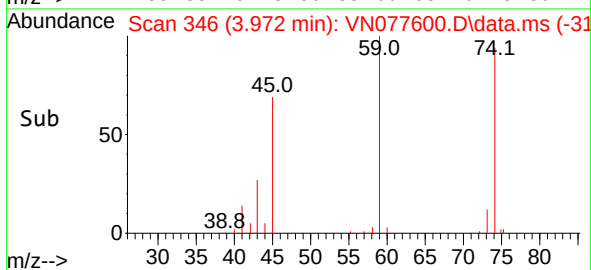
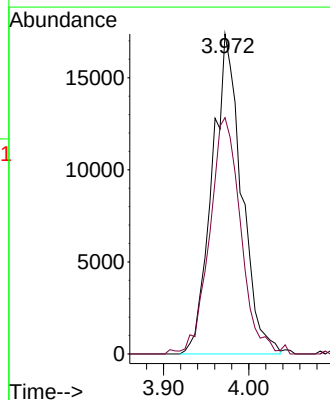
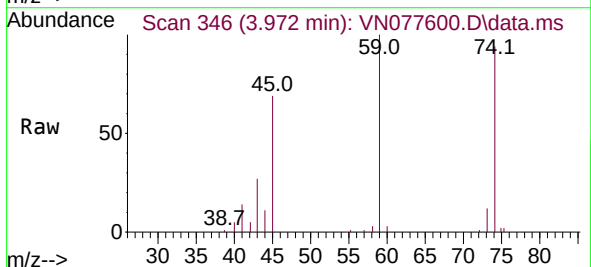
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

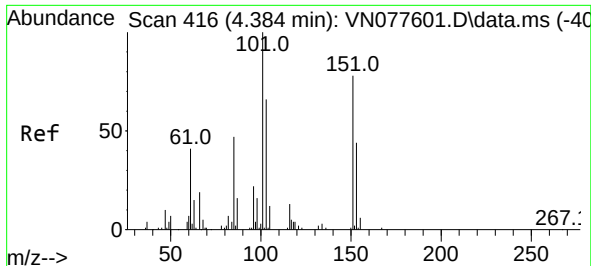
Tgt Ion:101 Resp: 115193
 Ion Ratio Lower Upper
 101 100
 103 67.0 55.0 82.4



#8
 Diethyl Ether
 Concen: 9.850 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077600.D
 Acq: 05 May 2023 19:18

Tgt Ion: 74 Resp: 41794
 Ion Ratio Lower Upper
 74 100
 45 76.8 14.8 133.2

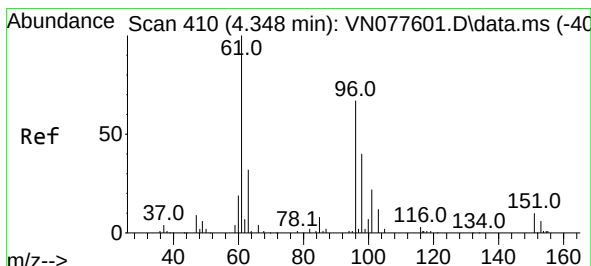
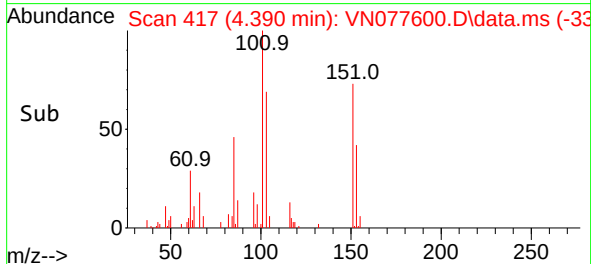
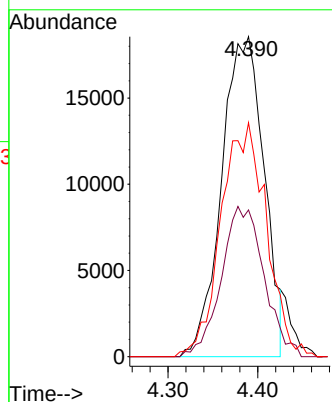
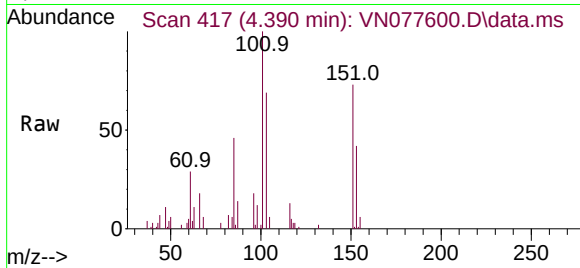




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.386 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

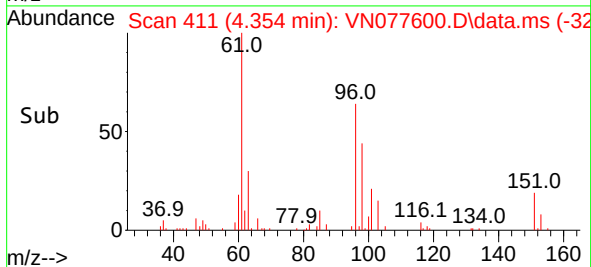
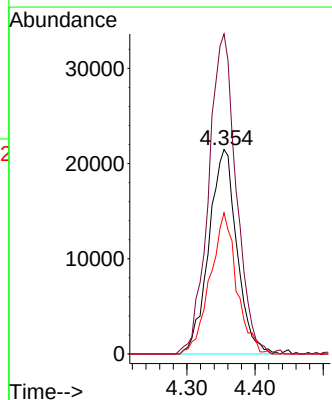
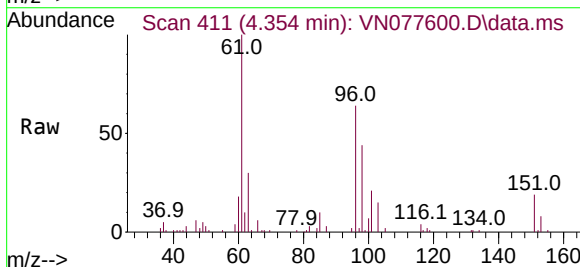
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

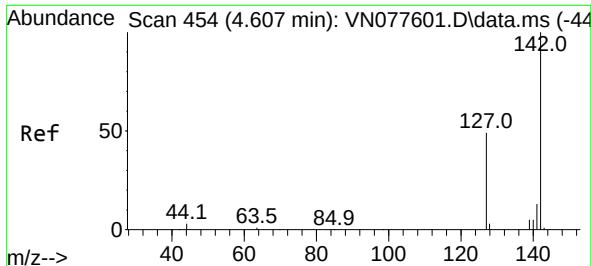
Tgt Ion:101 Resp: 60860
Ion Ratio Lower Upper
101 100
85 46.5 0.0 92.6
151 41.8 0.0 137.4



#10
1,1-Dichloroethene
Concen: 9.978 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 96 Resp: 61563
Ion Ratio Lower Upper
96 100
61 154.6 120.1 180.1
98 69.0 48.3 72.5

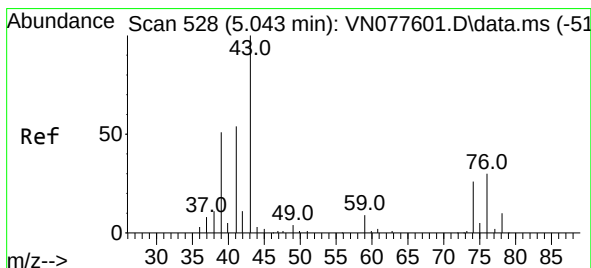
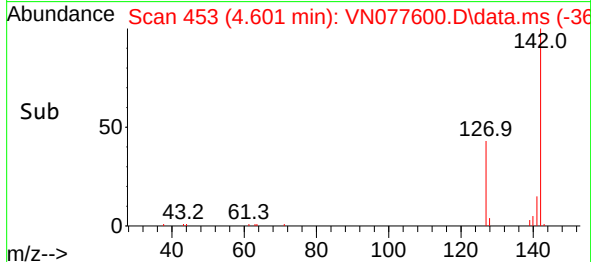
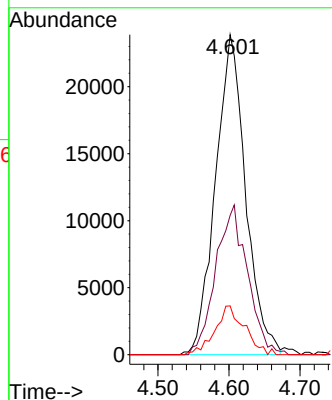
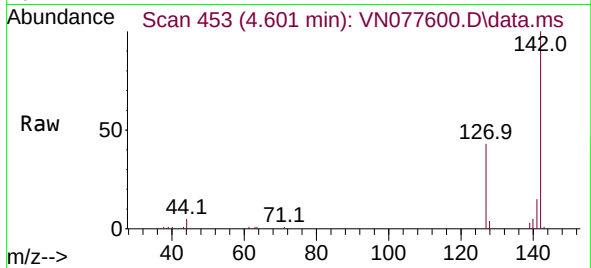




#11
Methyl Iodide
Concen: 9.316 ug/l
RT: 4.601 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

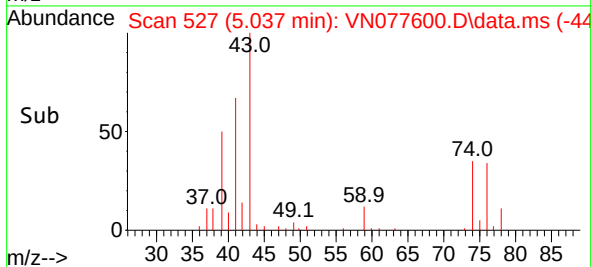
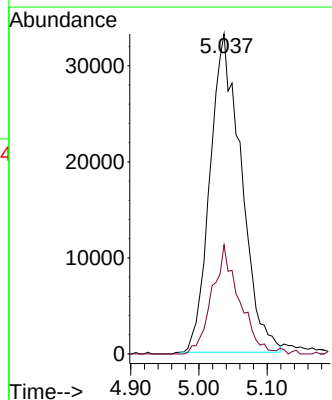
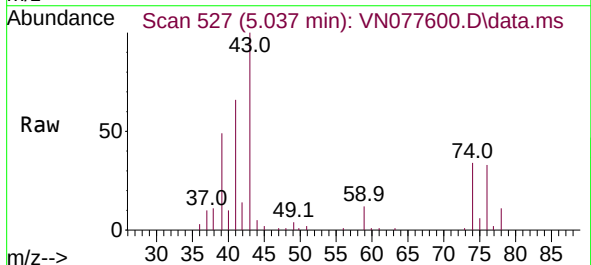
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

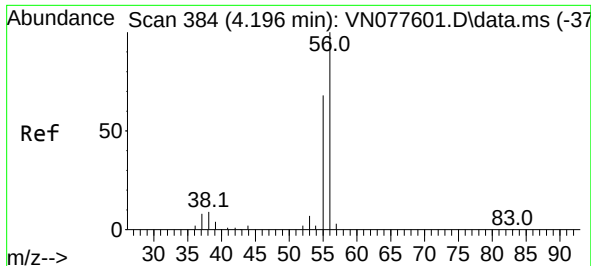
Tgt Ion:142 Resp: 70351
Ion Ratio Lower Upper
142 100
127 43.3 24.6 73.6
141 15.4 6.4 19.2



#12
Methyl Acetate
Concen: 9.898 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 43 Resp: 105932
Ion Ratio Lower Upper
43 100
74 33.7 20.6 31.0#





#13

Acrolein

Concen: 50.400 ug/l

RT: 4.190 min Scan# 384

Delta R.T. -0.006 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

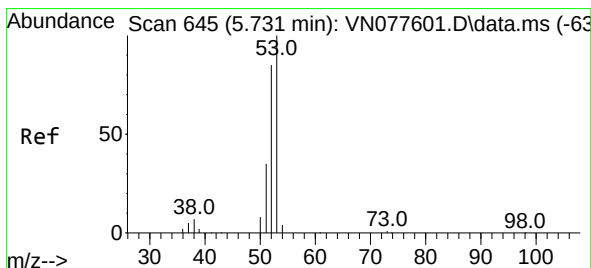
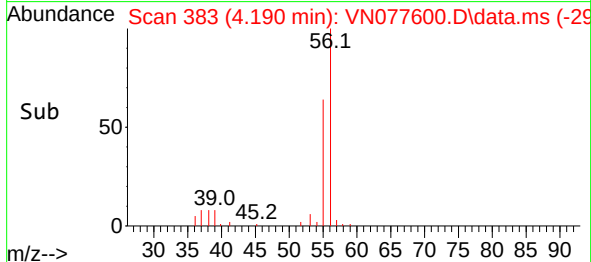
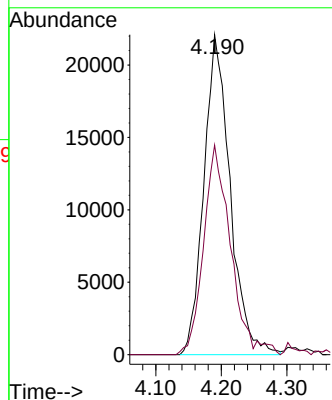
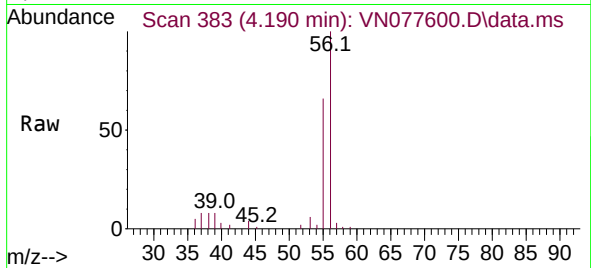
VSTDIC010

Tgt Ion: 56 Resp: 61429

Ion Ratio Lower Upper

56 100

55 65.3 54.8 82.2



#14

Acrylonitrile

Concen: 49.540 ug/l

RT: 5.731 min Scan# 645

Delta R.T. -0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

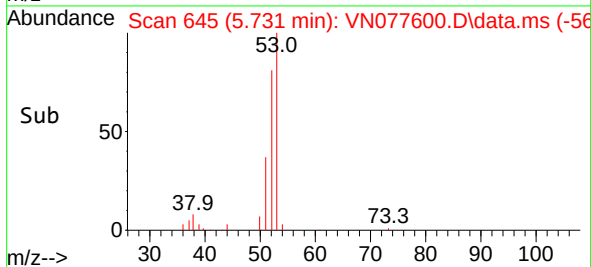
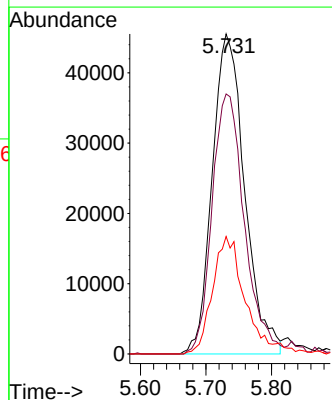
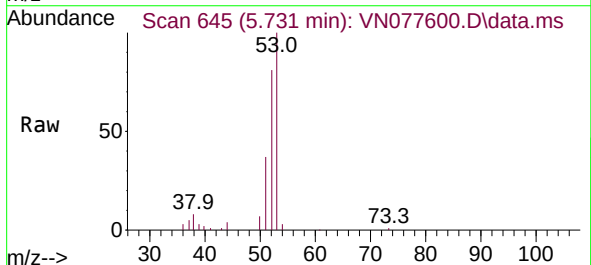
Tgt Ion: 53 Resp: 156439

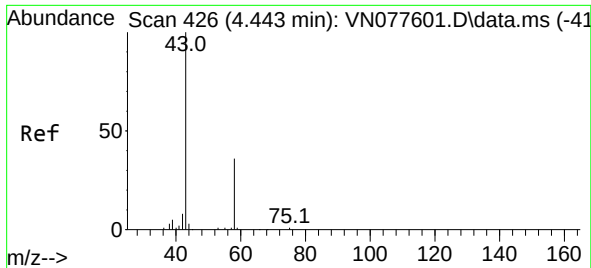
Ion Ratio Lower Upper

53 100

52 80.9 41.6 124.8

51 35.4 17.6 52.9

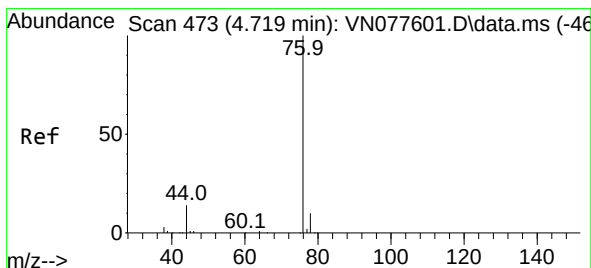
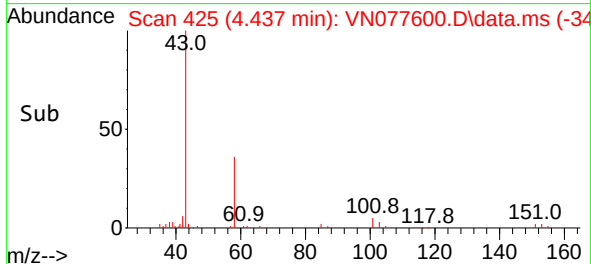
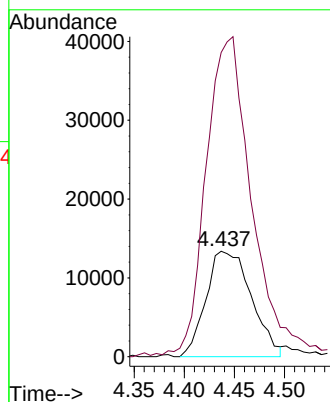
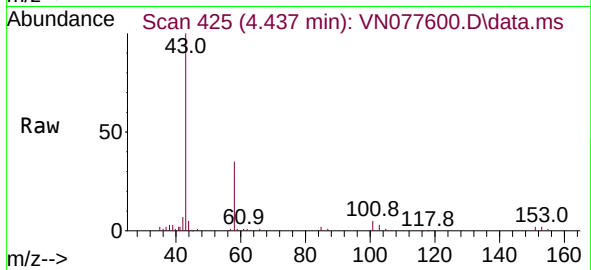




#15
Acetone
Concen: 49.595 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

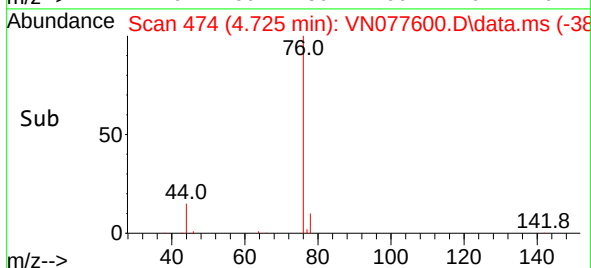
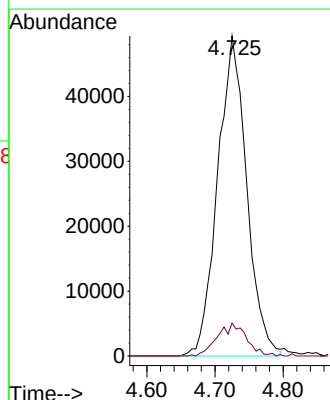
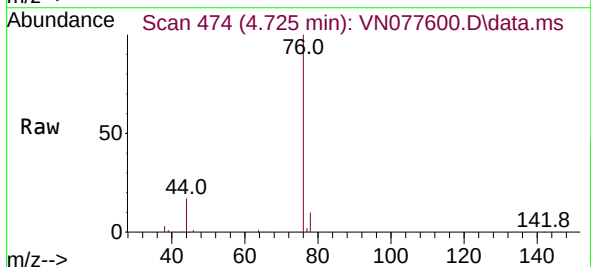
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

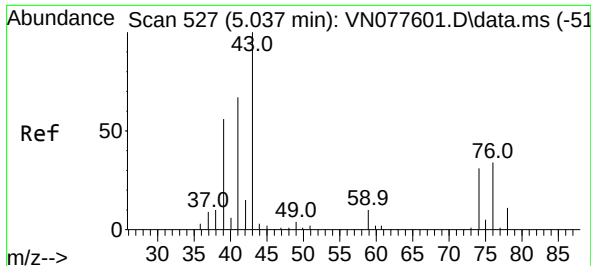
Tgt Ion: 58 Resp: 42121
Ion Ratio Lower Upper
58 100
43 280.4 223.2 334.8



#16
Carbon Disulfide
Concen: 9.673 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 76 Resp: 146177
Ion Ratio Lower Upper
76 100
78 10.3 7.6 11.4





#17

Allyl chloride

Concen: 9.656 ug/l

RT: 5.037 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

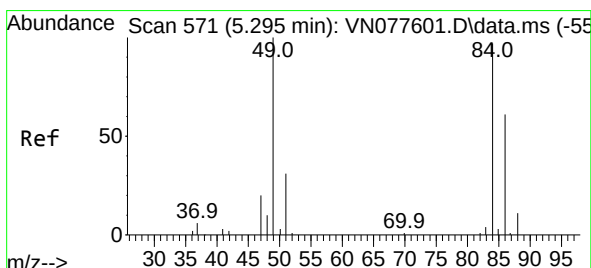
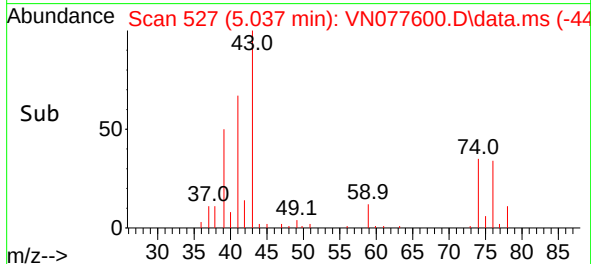
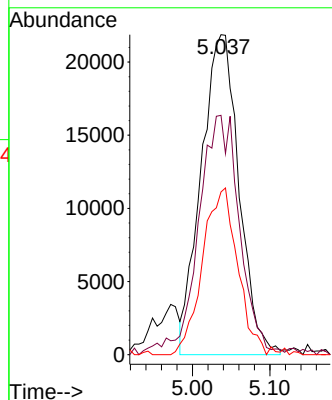
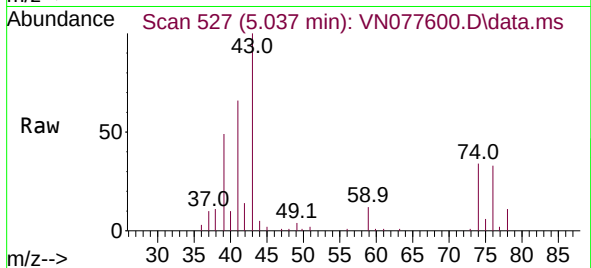
Tgt Ion: 41 Resp: 74387

Ion Ratio Lower Upper

41 100

39 74.1 39.5 118.3

76 50.7 23.4 70.3



#18

Methylene Chloride

Concen: 9.948 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.005 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

Tgt Ion: 84 Resp: 73952

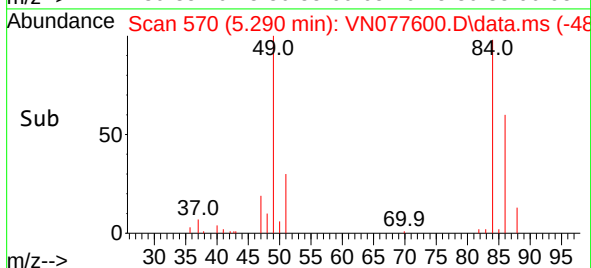
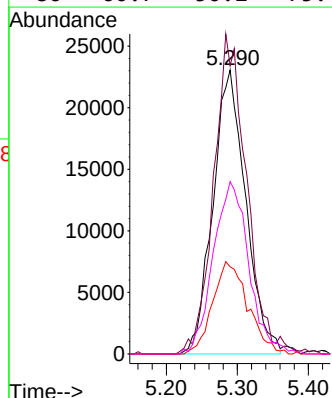
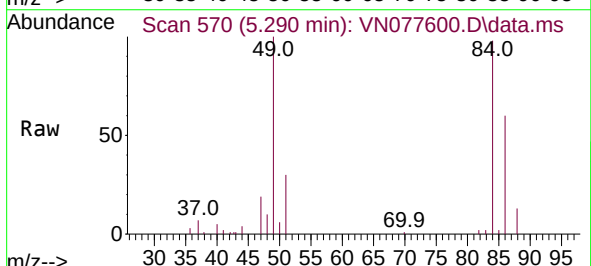
Ion Ratio Lower Upper

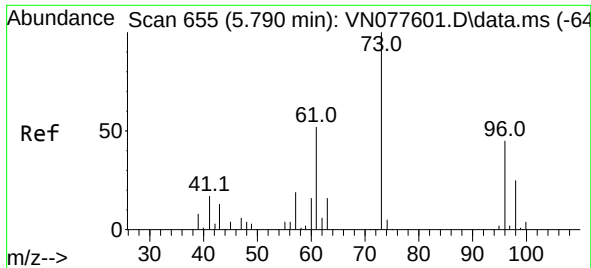
84 100

49 100.6 82.4 123.6

51 30.7 25.1 37.7

86 60.7 50.2 75.4

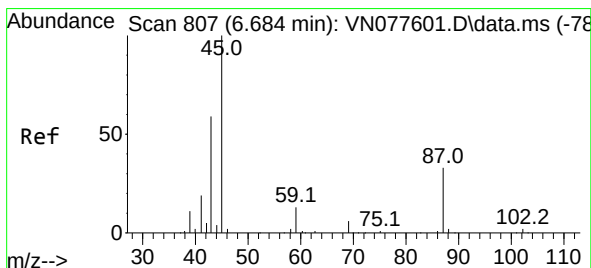
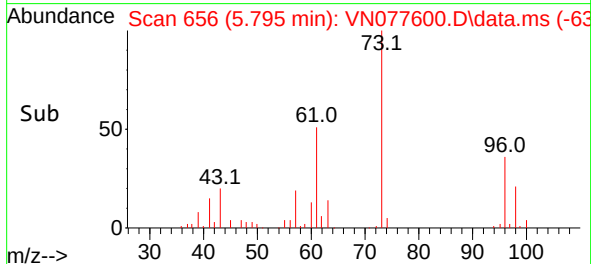
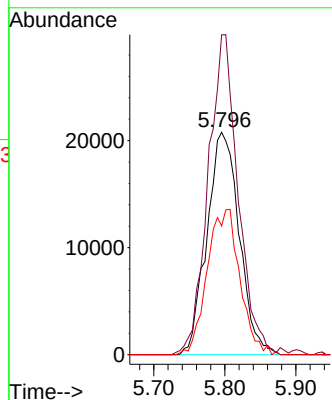
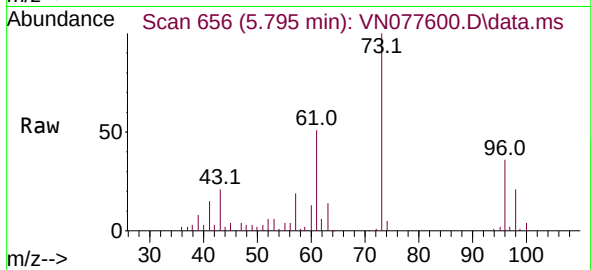




#19
trans-1,2-Dichloroethene
Concen: 9.701 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

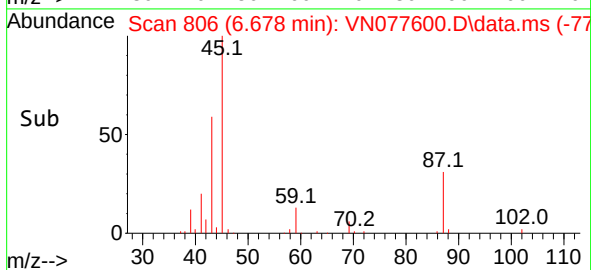
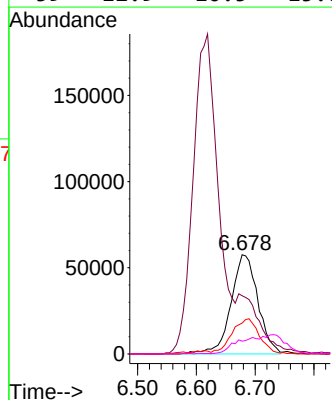
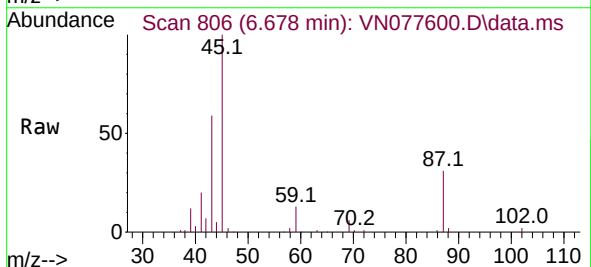
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

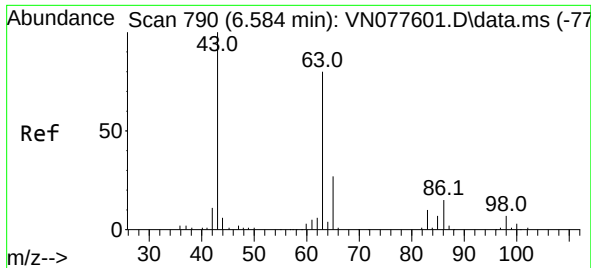
Tgt Ion: 96 Resp: 65748
Ion Ratio Lower Upper
96 100
61 141.9 92.4 138.6#
98 57.8 44.8 67.2



#20
Diisopropyl ether
Concen: 9.949 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 45 Resp: 182658
Ion Ratio Lower Upper
45 100
43 50.9 47.1 70.7
87 30.1 26.2 39.2
59 12.9 10.5 15.7

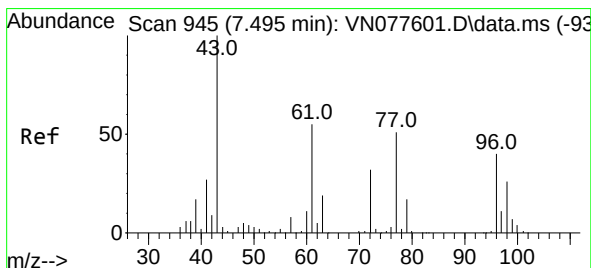
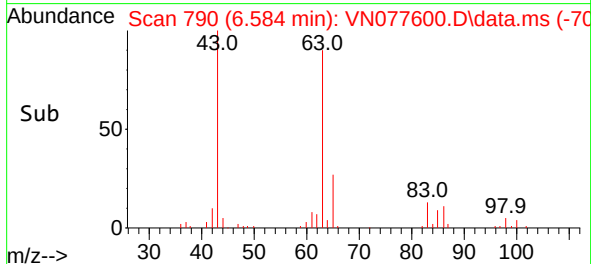
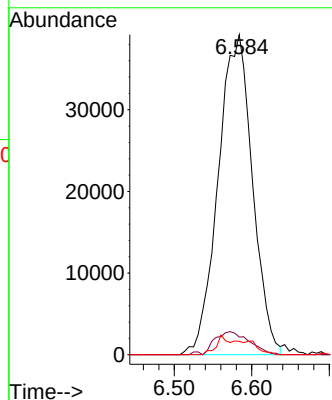
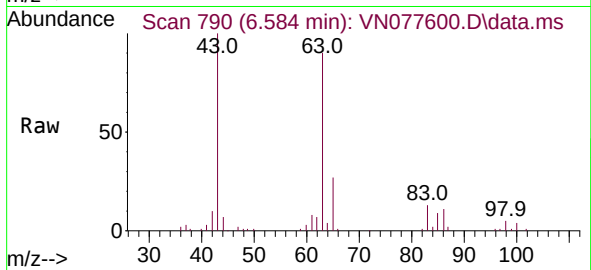




#21
1,1-Dichloroethane
Concen: 9.742 ug/l
RT: 6.584 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

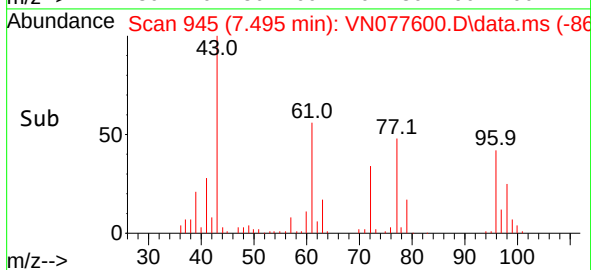
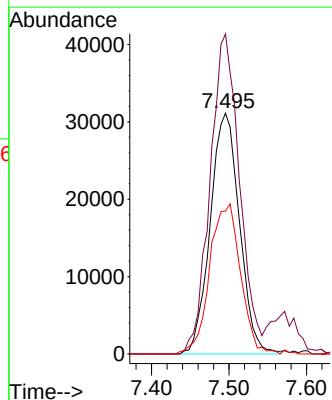
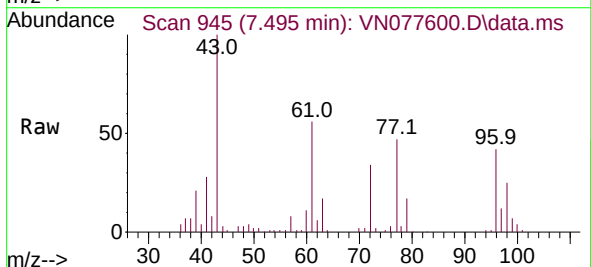
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

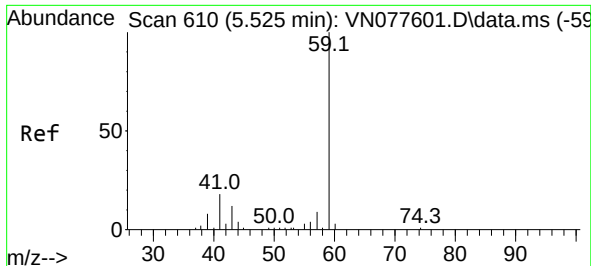
Tgt Ion: 63 Resp: 120557
Ion Ratio Lower Upper
63 100
98 5.5 4.3 13.1
100 4.2 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 9.994 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 96 Resp: 81774
Ion Ratio Lower Upper
96 100
61 133.6 109.4 164.0
98 65.1 51.2 76.8

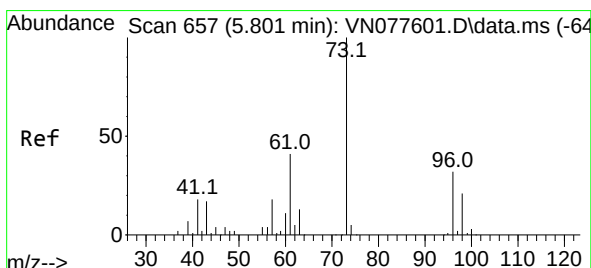
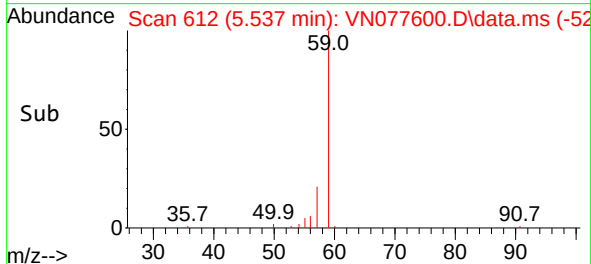
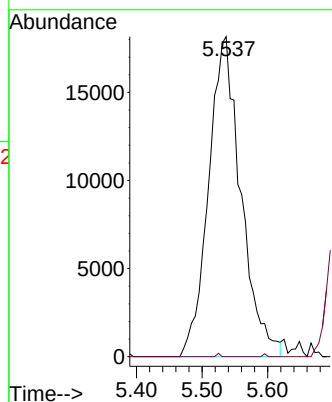
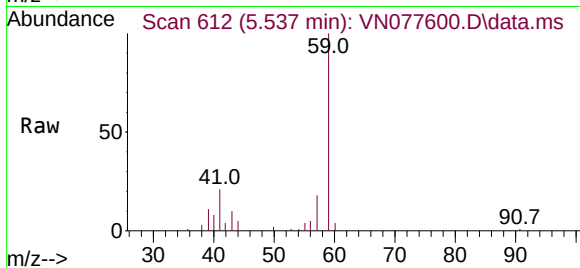




#23
tert-Butyl Alcohol
Concen: 48.939 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

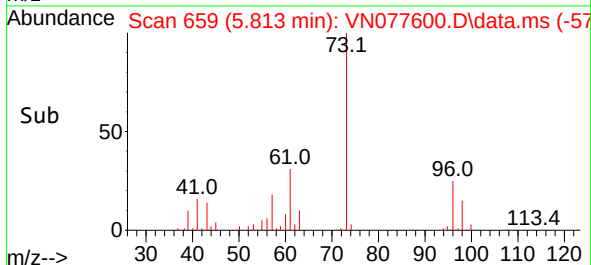
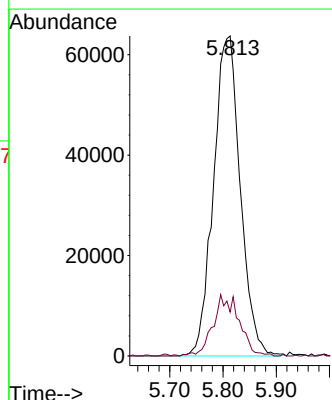
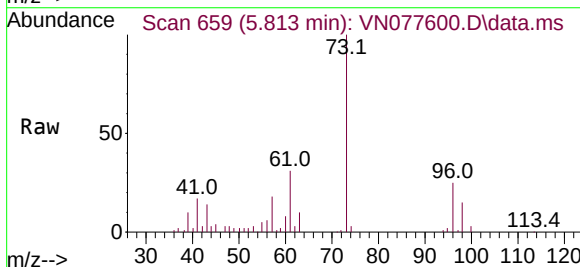
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

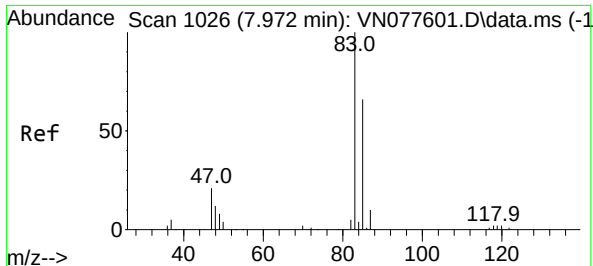
Tgt Ion: 59 Resp: 62153
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 9.946 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.012 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 73 Resp: 222756
Ion Ratio Lower Upper
73 100
43 10.7 14.3 21.5#





#25

Chloroform

Concen: 9.899 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

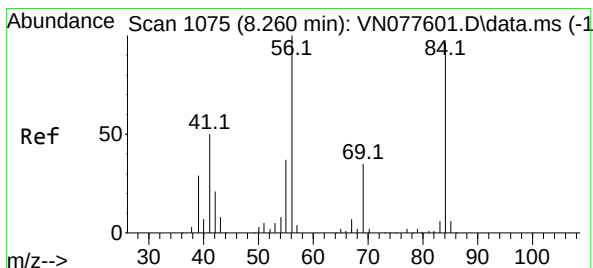
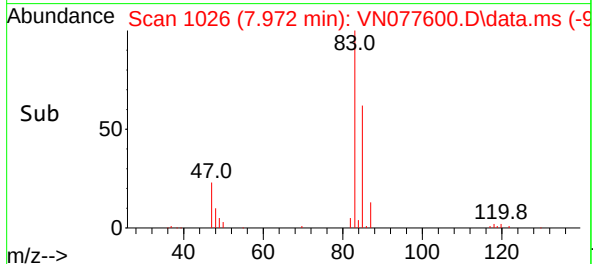
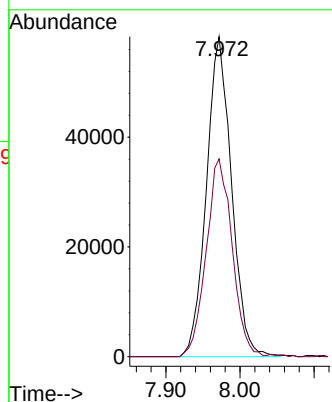
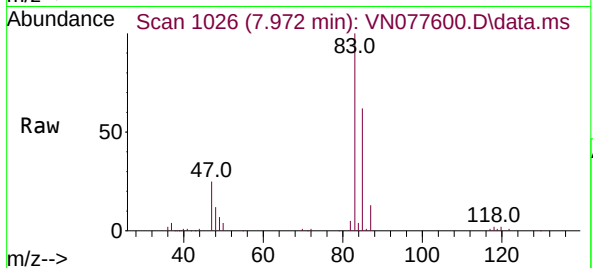
VSTDICC010

Tgt Ion: 83 Resp: 137191

Ion Ratio Lower Upper

83 100

85 61.8 53.0 79.6



#26

Cyclohexane

Concen: 10.089 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

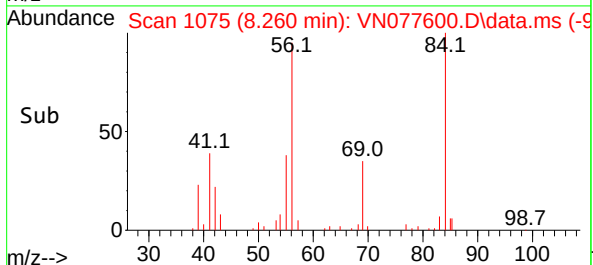
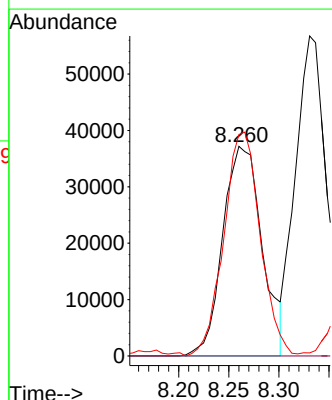
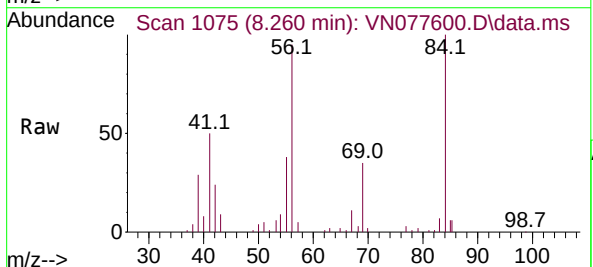
Tgt Ion: 56 Resp: 101580

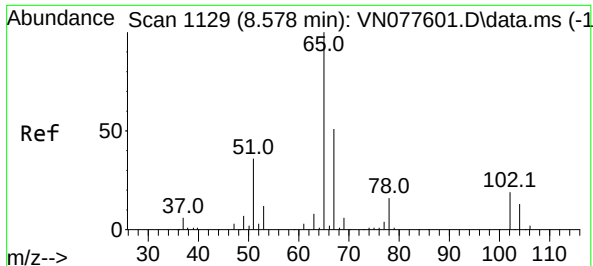
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 99.0 84.6 126.8

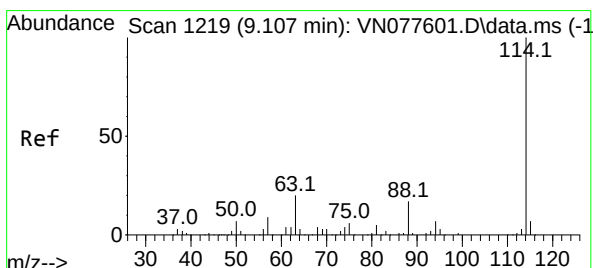
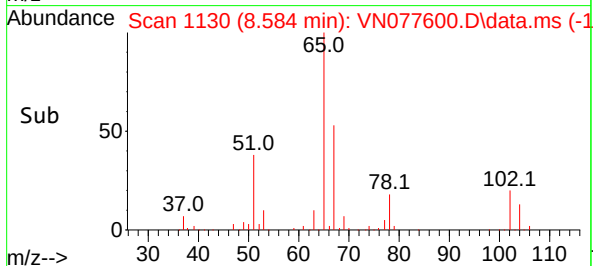
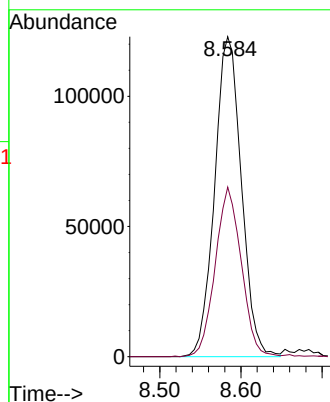
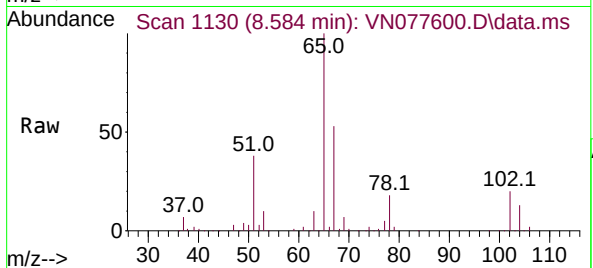




#27
1,2-Dichloroethane-d4
Concen: 31.129 ug/l
RT: 8.584 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

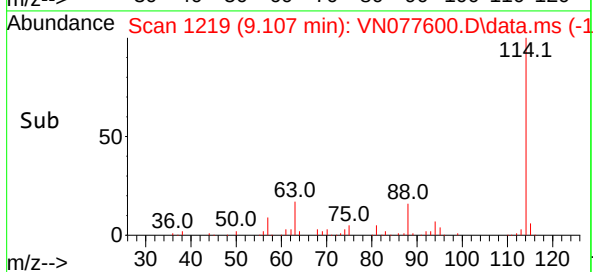
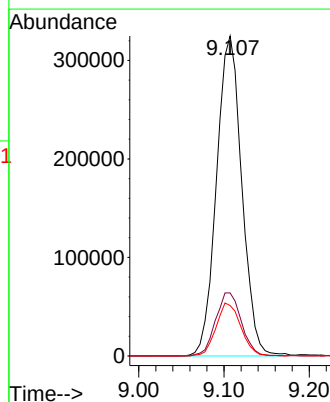
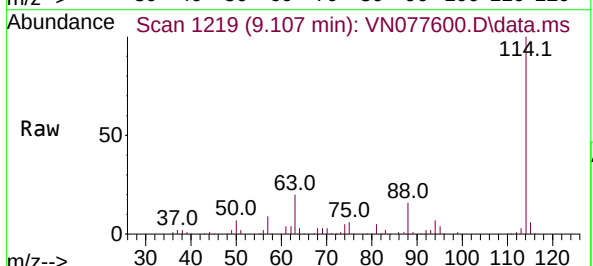
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

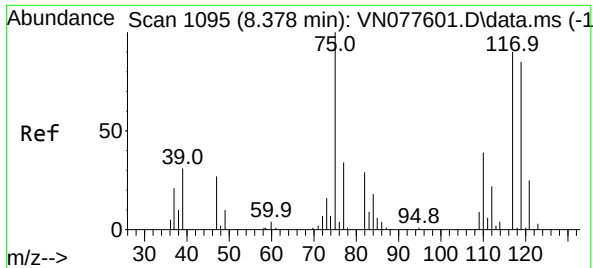
Tgt Ion: 65 Resp: 281264
Ion Ratio Lower Upper
65 100
67 51.6 41.3 61.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 114 Resp: 669191
Ion Ratio Lower Upper
114 100
63 20.1 15.8 23.6
88 16.2 13.0 19.4

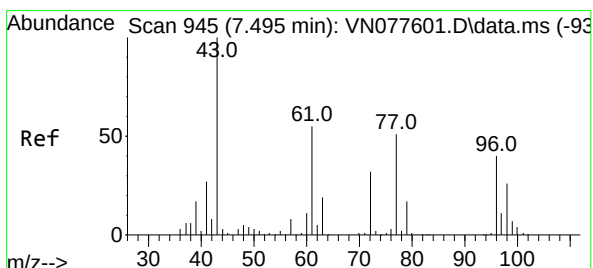
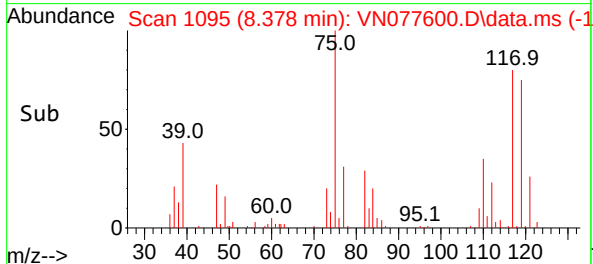
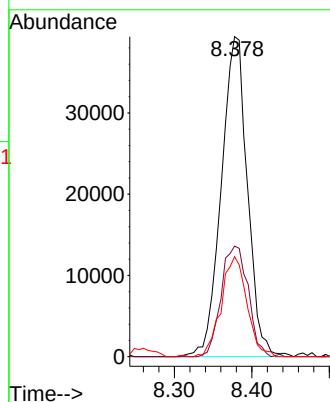
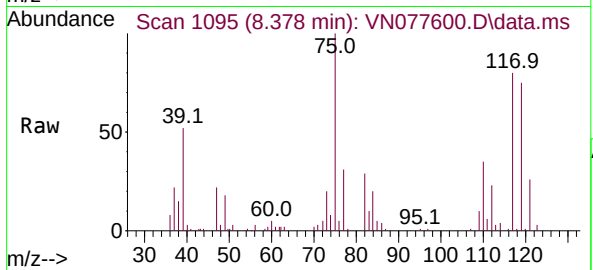




#29
1,1-Dichloropropene
Concen: 9.407 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

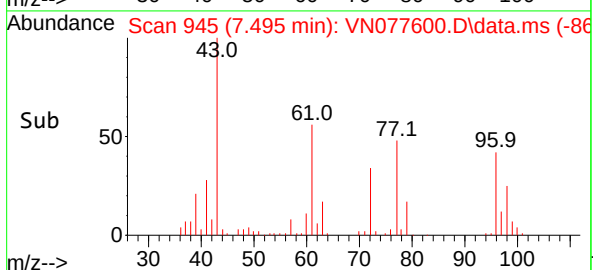
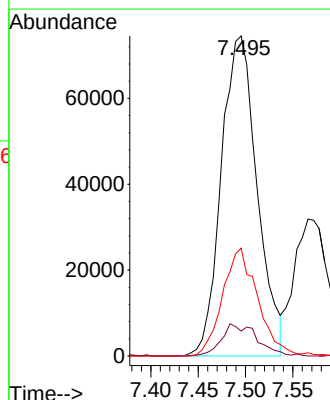
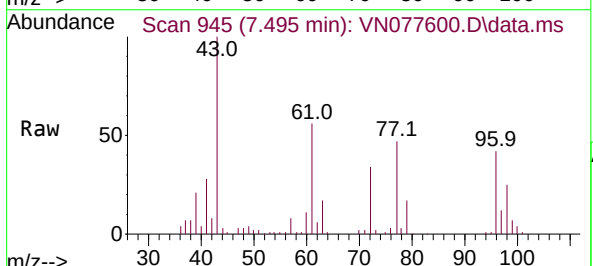
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

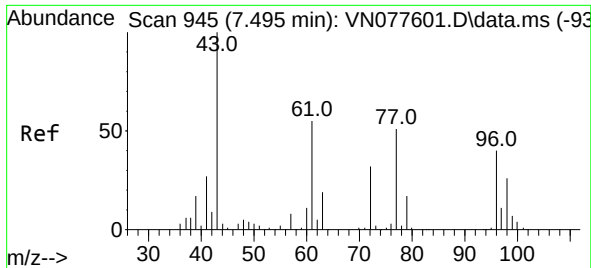
Tgt Ion: 75 Resp: 92233
Ion Ratio Lower Upper
75 100
110 35.7 0.0 69.8
77 30.8 0.0 61.4



#30
2-Butanone
Concen: 49.486 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 43 Resp: 196362
Ion Ratio Lower Upper
43 100
57 4.3 7.2 10.8#
72 32.9 26.2 39.2

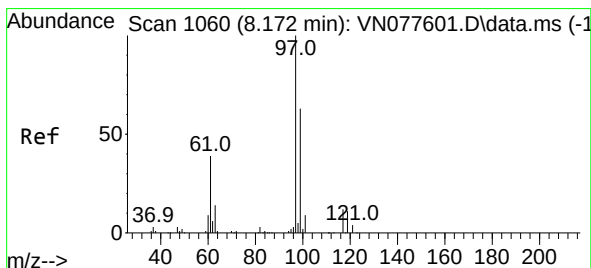
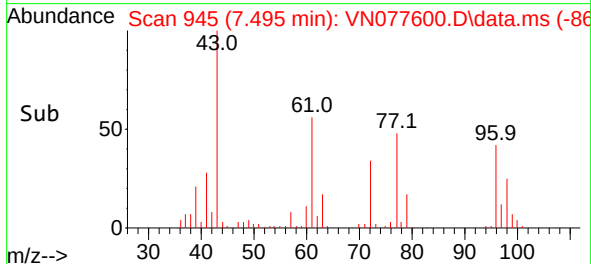
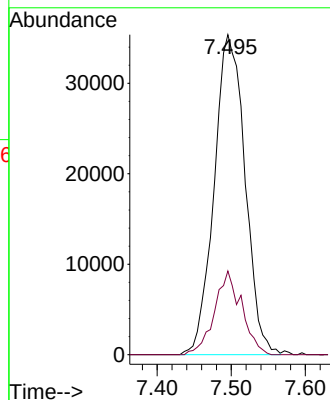
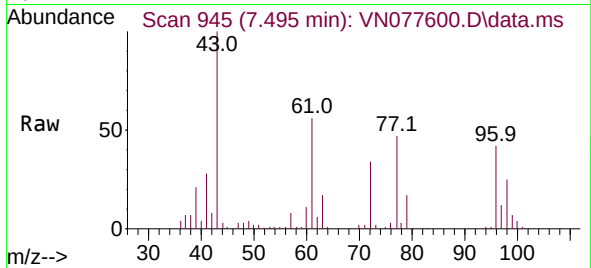




#31
2,2-Dichloropropane
Concen: 9.483 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

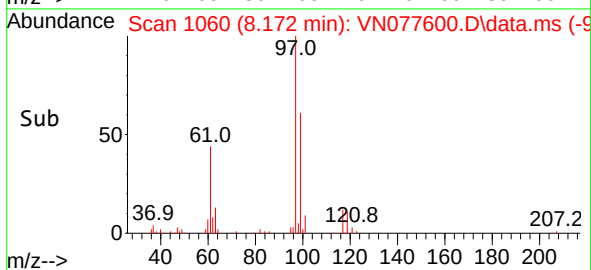
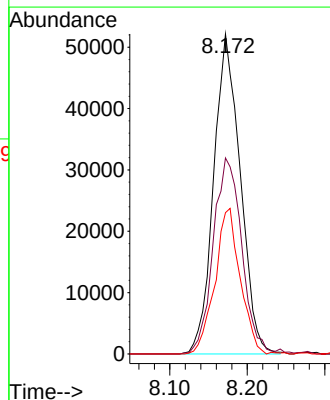
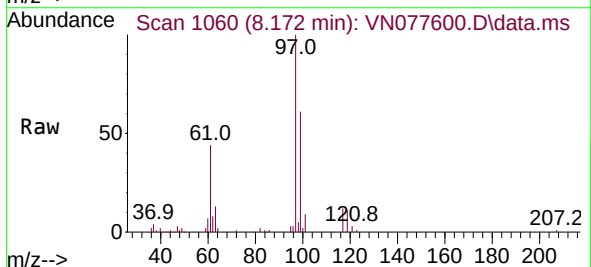
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

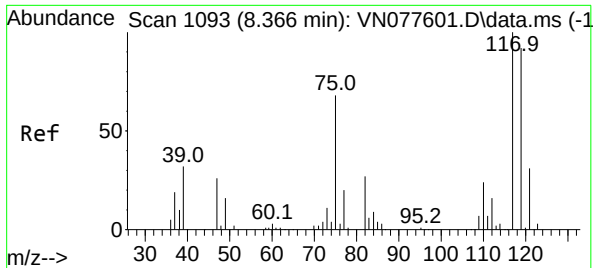
Tgt Ion: 77 Resp: 102455
Ion Ratio Lower Upper
77 100
97 23.0 19.1 28.7



#32
1,1,1-Trichloroethane
Concen: 9.678 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 97 Resp: 124553
Ion Ratio Lower Upper
97 100
99 65.5 53.1 79.7
61 43.1 35.1 52.7

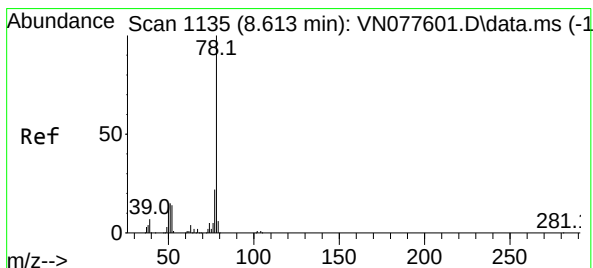
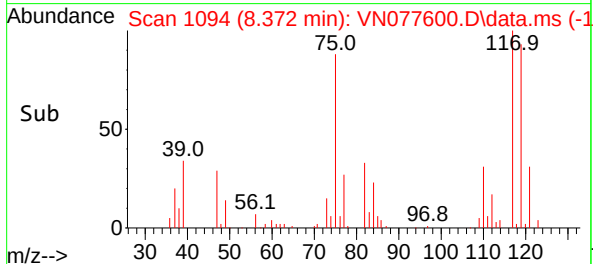
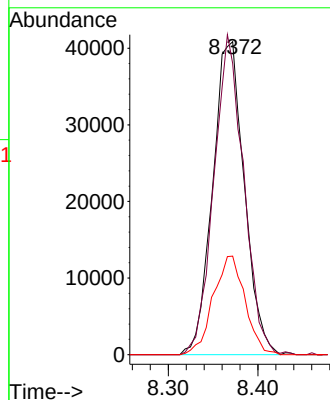
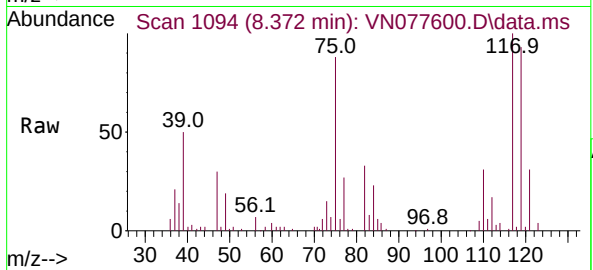




#33
Carbon Tetrachloride
Concen: 9.356 ug/l
RT: 8.372 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

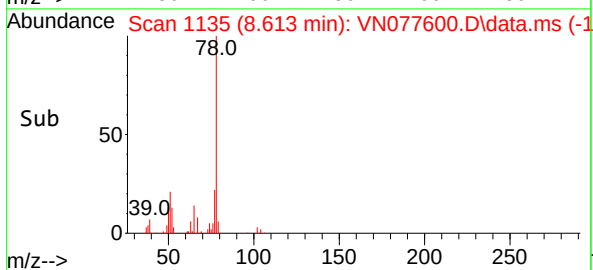
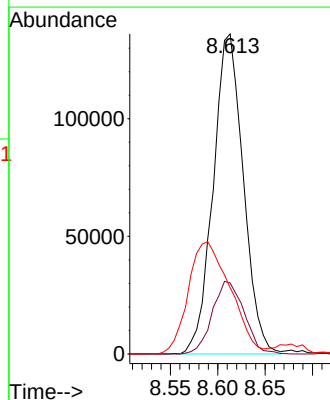
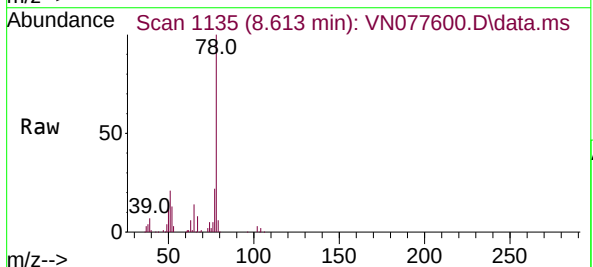
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

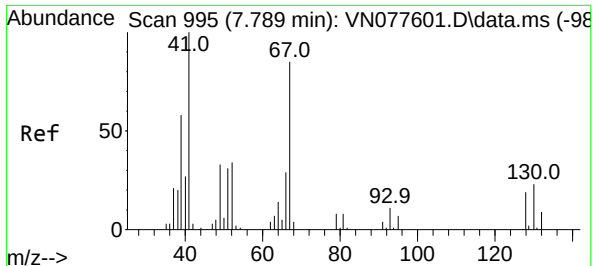
Tgt Ion:117 Resp: 100024
Ion Ratio Lower Upper
117 100
119 93.1 73.9 110.9
121 31.5 25.0 37.4



#34
Benzene
Concen: 9.965 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 78 Resp: 301453
Ion Ratio Lower Upper
78 100
77 22.2 17.2 25.8
51 17.8 12.3 18.5



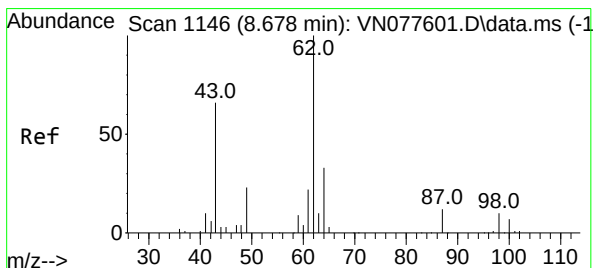
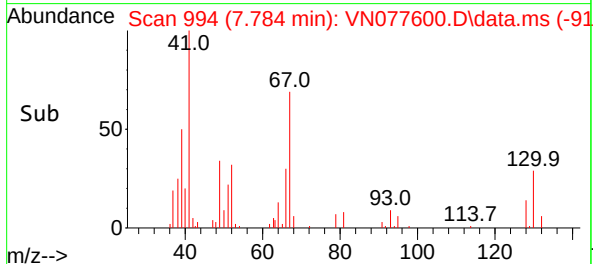
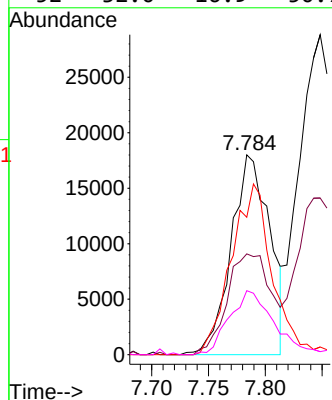
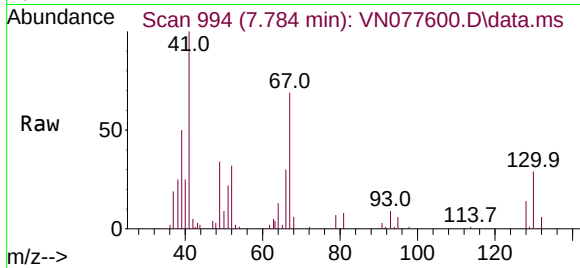


#35
Methacrylonitrile
Concen: 9.707 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.005 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 42720

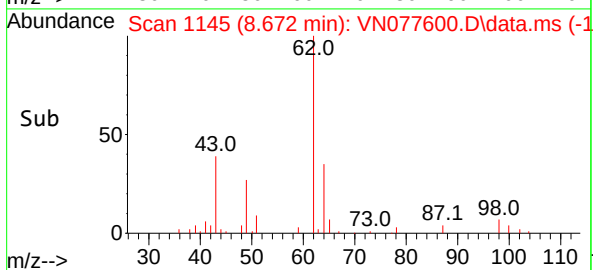
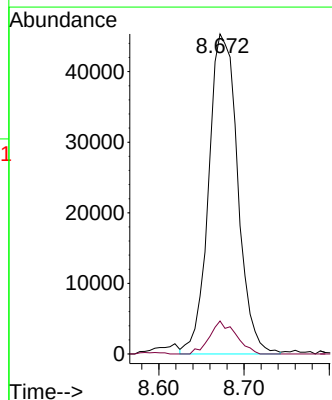
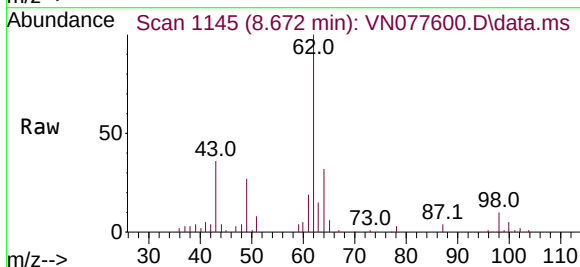
Ion	Ratio	Lower	Upper
41	100		
39	49.1	28.7	86.3
67	68.8	42.7	128.1
52	32.0	16.9	50.7

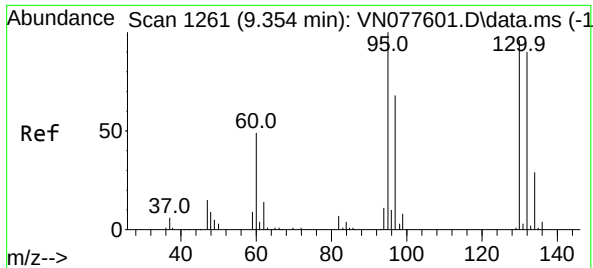


#36
1,2-Dichloroethane
Concen: 9.978 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 62 Resp: 107365

Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.6	11.4





#37

Trichloroethene

Concen: 9.630 ug/l

RT: 9.354 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

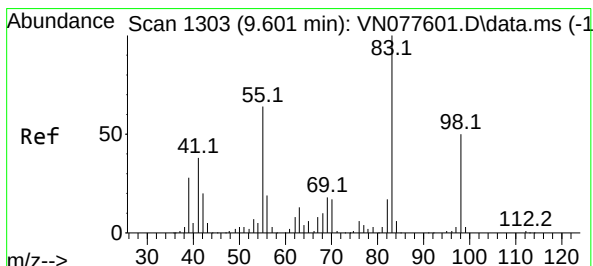
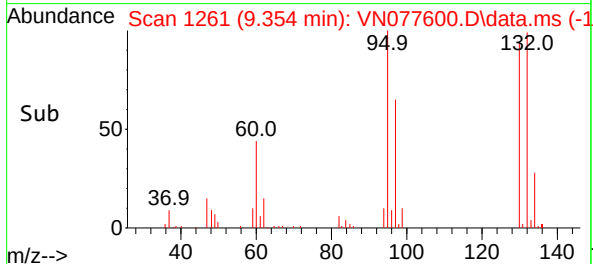
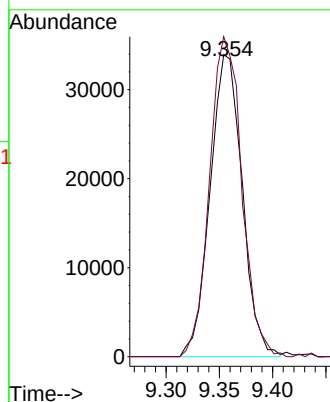
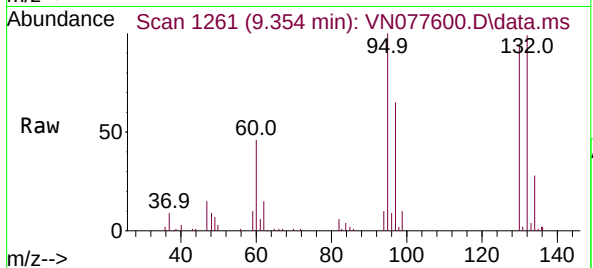
VSTDIC010

Tgt Ion:130 Resp: 71097

Ion Ratio Lower Upper

130 100

95 105.9 83.0 124.6



#38

Methylcyclohexane

Concen: 8.982 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

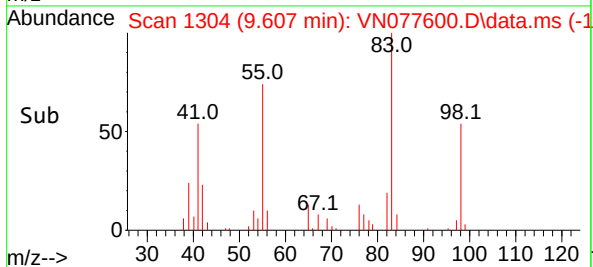
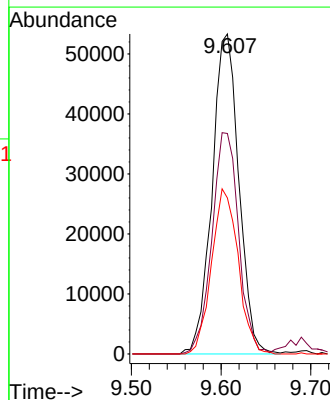
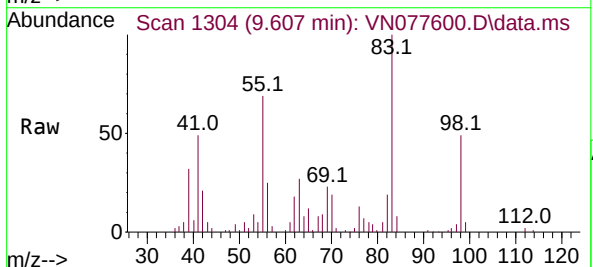
Tgt Ion: 83 Resp: 110592

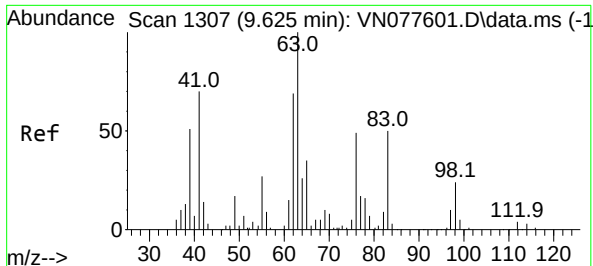
Ion Ratio Lower Upper

83 100

55 68.8 33.6 100.8

98 51.3 25.3 75.8





#39

1,2-Dichloropropane

Concen: 9.531 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

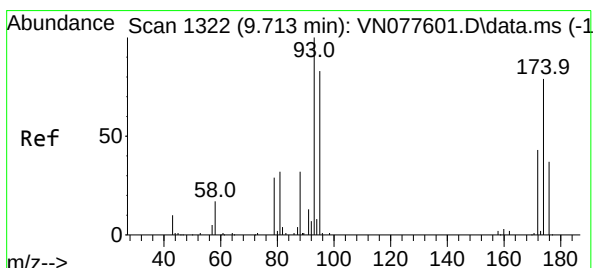
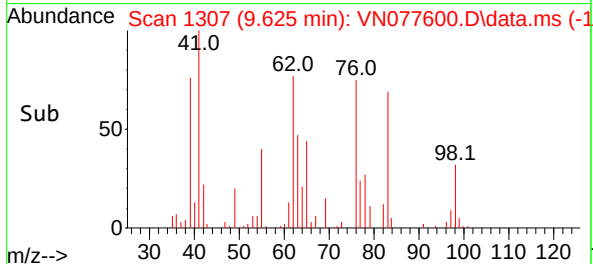
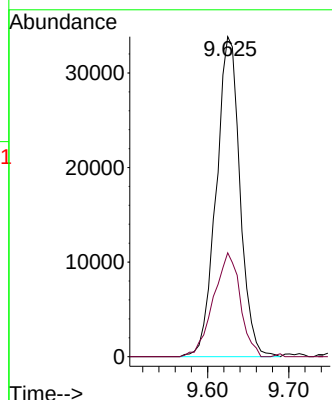
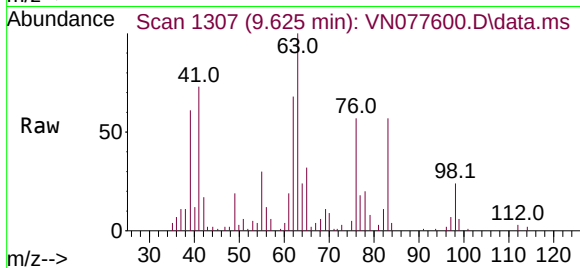
VSTDIC010

Tgt Ion: 63 Resp: 68750

Ion Ratio Lower Upper

63 100

65 32.5 28.2 42.4



#40

Dibromomethane

Concen: 9.877 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

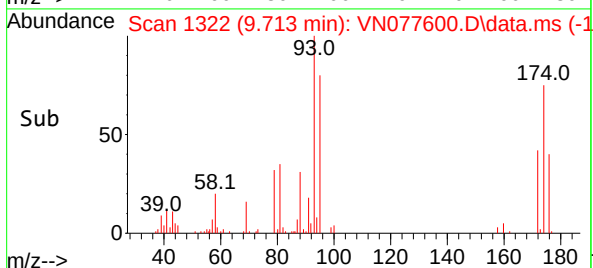
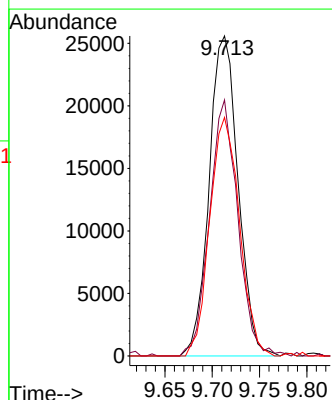
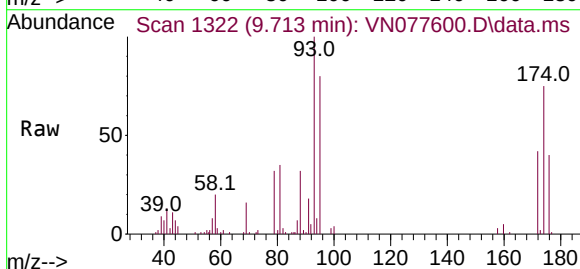
Tgt Ion: 93 Resp: 54506

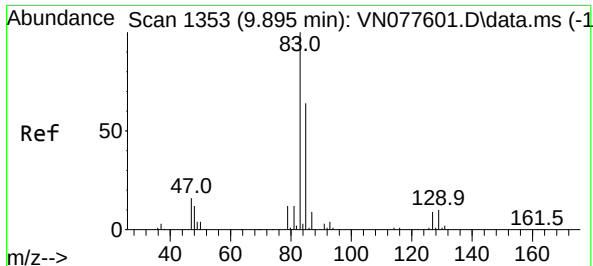
Ion Ratio Lower Upper

93 100

95 77.9 0.0 164.0

174 76.4 0.0 157.0

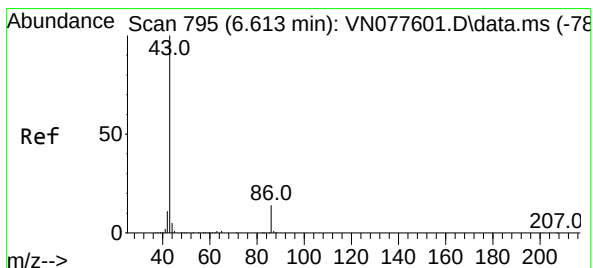
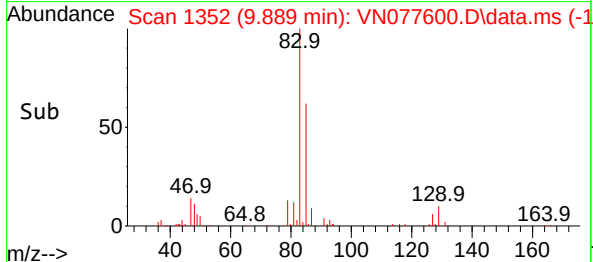
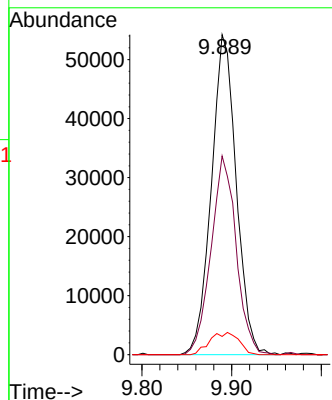
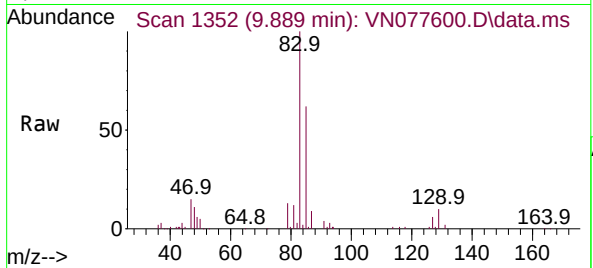




#41
Bromodichloromethane
Concen: 9.559 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

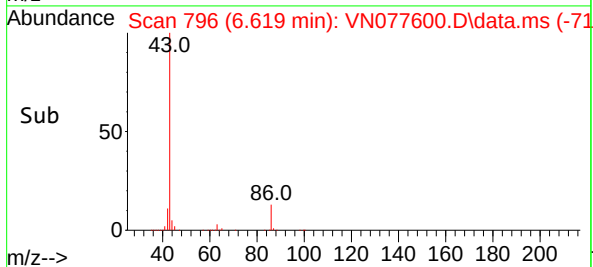
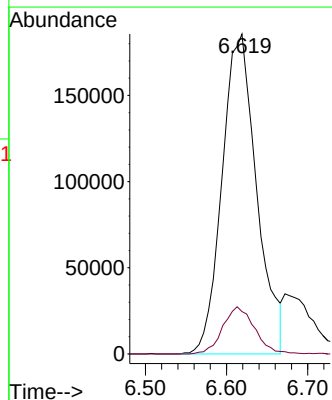
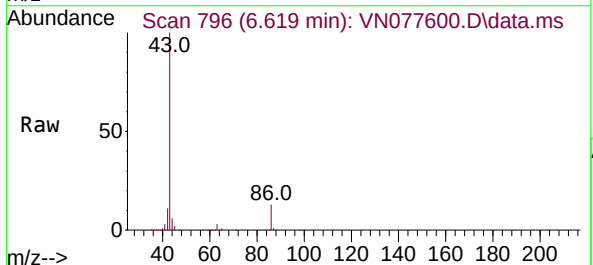
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

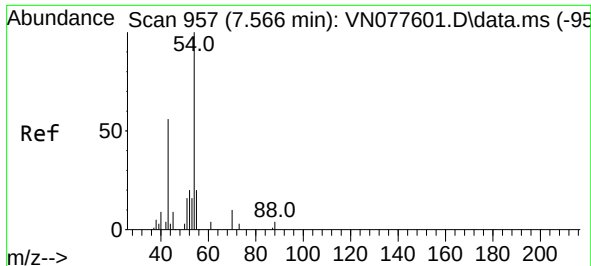
Tgt Ion: 83 Resp: 104489
Ion Ratio Lower Upper
83 100
85 62.1 51.2 76.8
127 5.7 7.3 10.9#



#42
Vinyl Acetate
Concen: 47.570 ug/l
RT: 6.619 min Scan# 796
Delta R.T. 0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 43 Resp: 550939
Ion Ratio Lower Upper
43 100
86 13.4 10.3 15.5

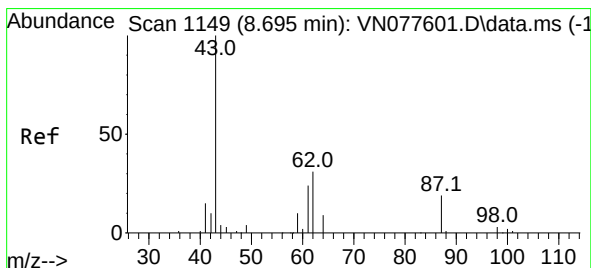
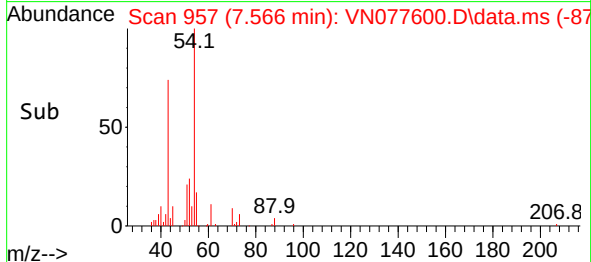
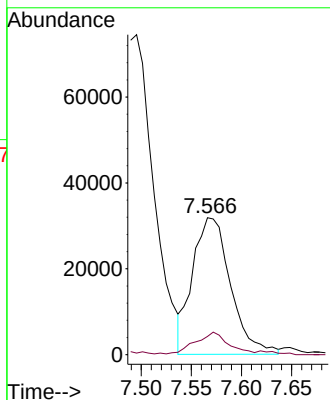
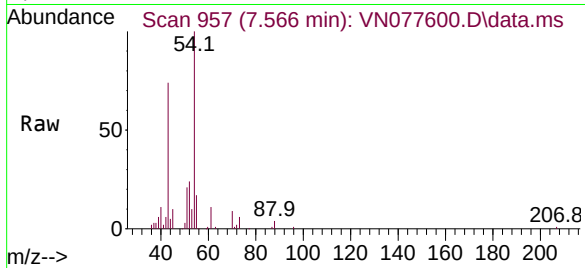




#43
Ethyl Acetate
Concen: 10.190 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

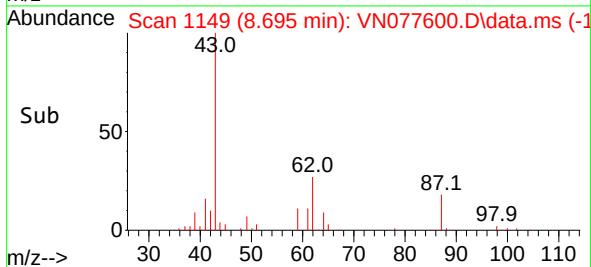
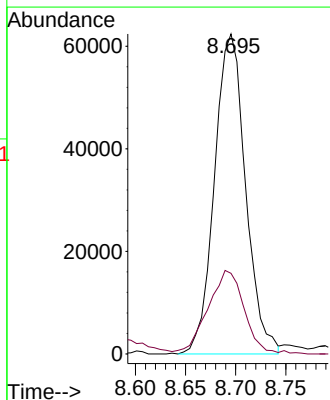
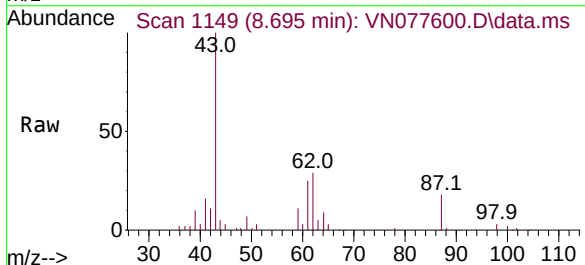
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

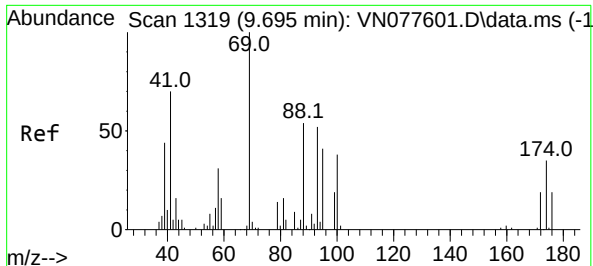
Tgt Ion: 43 Resp: 84051
Ion Ratio Lower Upper
43 100
45 14.7 8.2 12.4#



#44
Isopropyl Acetate
Concen: 9.607 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 43 Resp: 134778
Ion Ratio Lower Upper
43 100
61 29.1 23.2 34.8

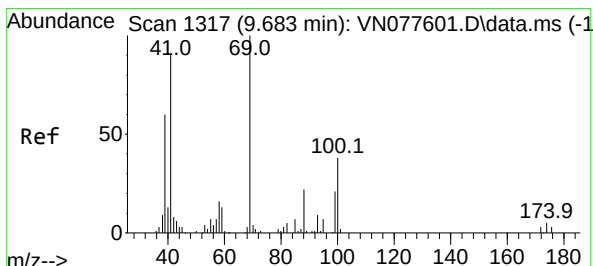
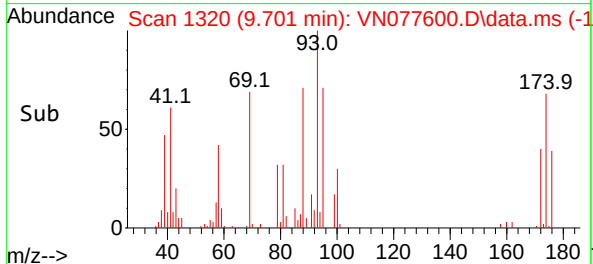
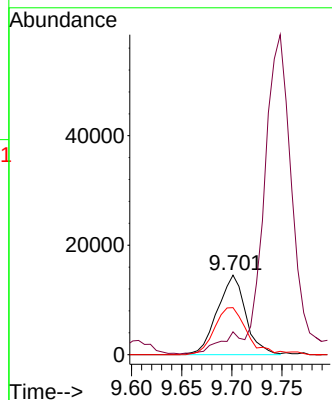
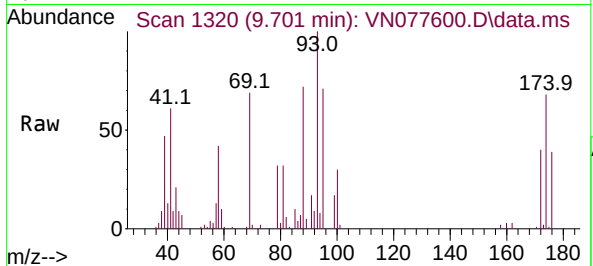




#45
1,4-Dioxane
Concen: 191.478 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

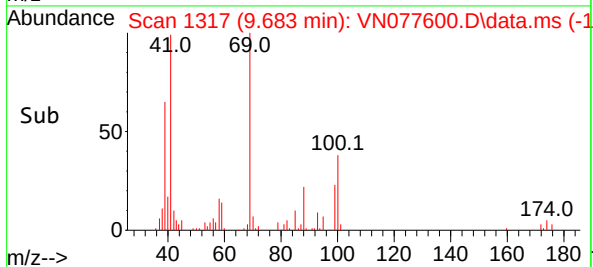
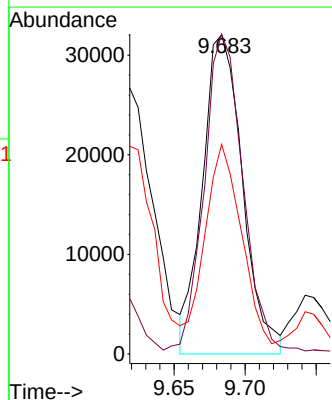
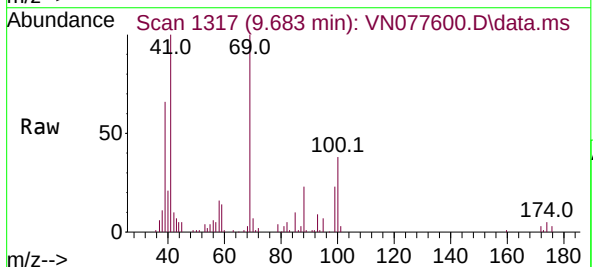
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

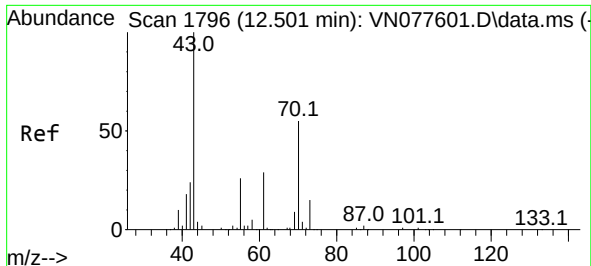
Tgt Ion: 88 Resp: 28561
Ion Ratio Lower Upper
88 100
43 22.9 18.2 27.2
58 62.4 47.5 71.3



#46
Methyl methacrylate
Concen: 9.807 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 41 Resp: 62718
Ion Ratio Lower Upper
41 100
69 104.0 52.0 156.0
39 65.2 33.6 100.6

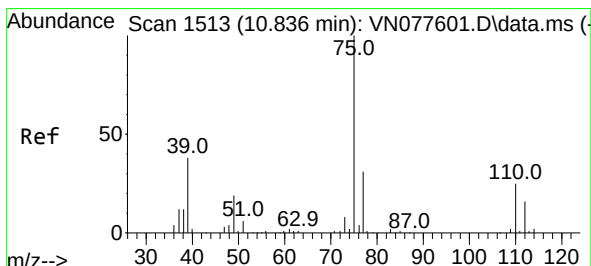
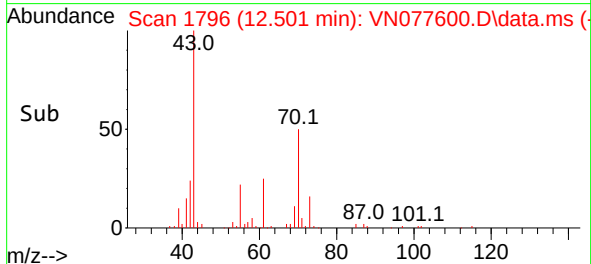
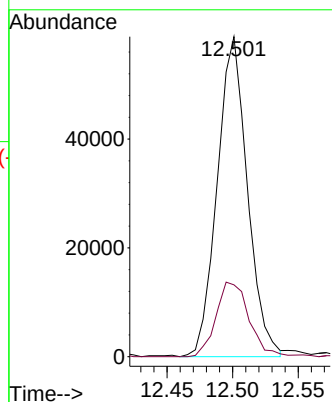
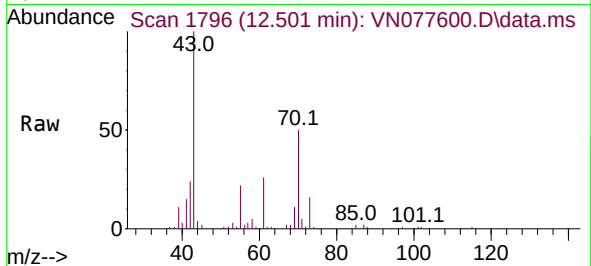




#47
n-amyl acetate
Concen: 8.556 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

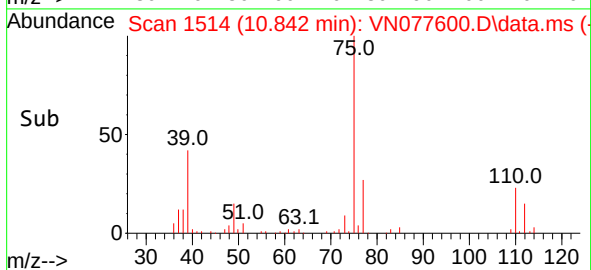
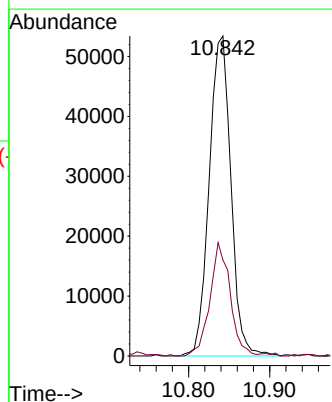
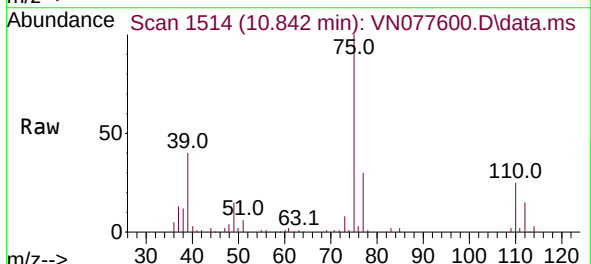
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

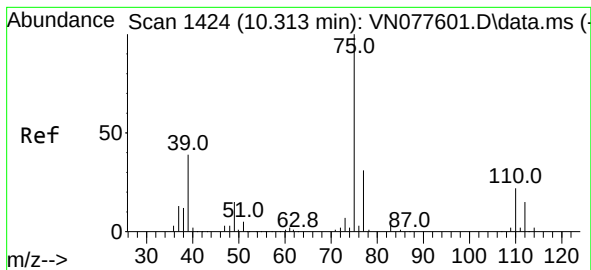
Tgt Ion: 43 Resp: 94084
Ion Ratio Lower Upper
43 100
55 25.3 21.4 32.0



#48
t-1,3-Dichloropropene
Concen: 9.080 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 75 Resp: 99321
Ion Ratio Lower Upper
75 100
77 30.0 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 9.078 ug/l

RT: 10.319 min Scan# 1424

Delta R.T. 0.006 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

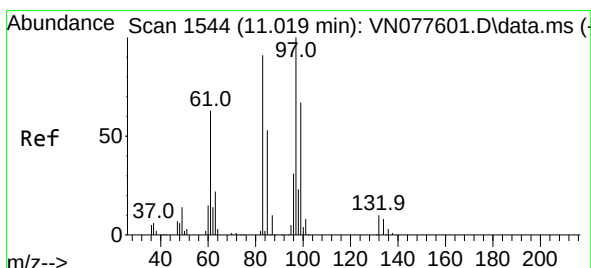
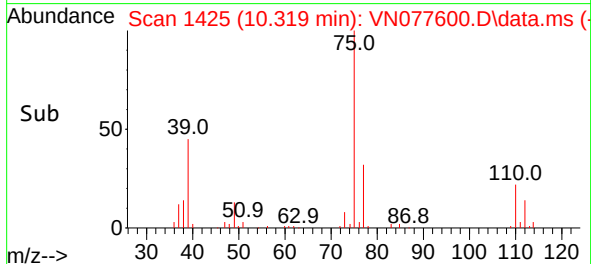
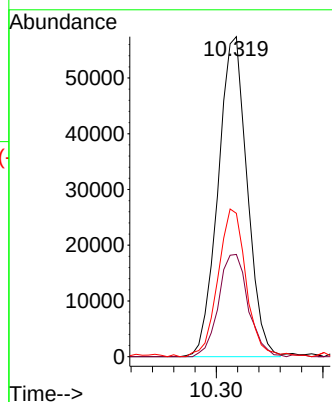
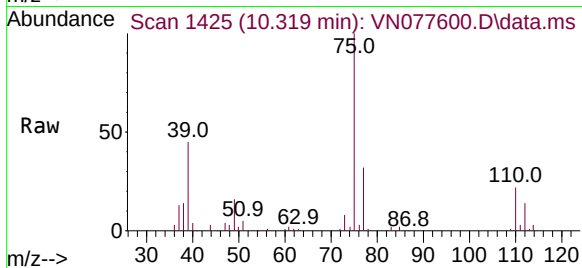
Tgt Ion: 75 Resp: 108862

Ion Ratio Lower Upper

75 100

77 31.9 24.7 37.1

39 44.8 31.0 46.6



#50

1,1,2-Trichloroethane

Concen: 9.673 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

Tgt Ion: 97 Resp: 75244

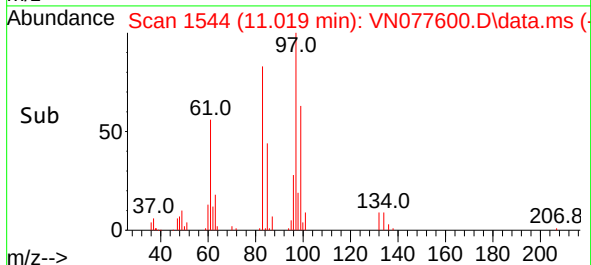
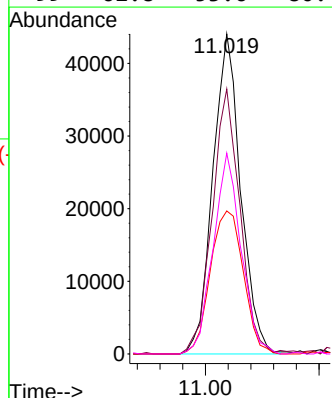
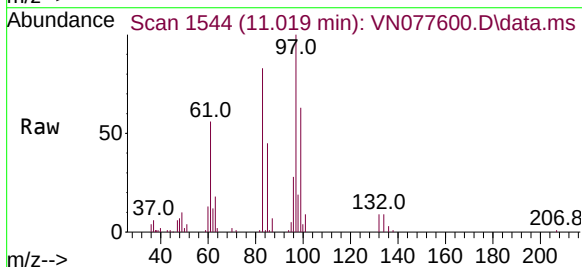
Ion Ratio Lower Upper

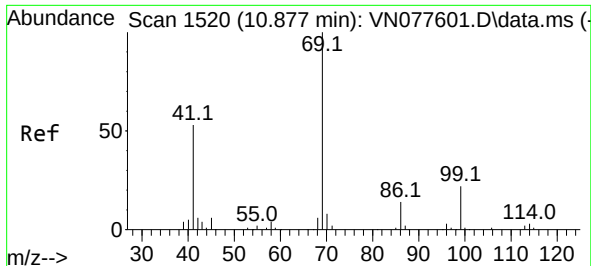
97 100

83 82.8 72.6 108.8

85 44.7 42.6 63.8

99 62.8 53.6 80.4

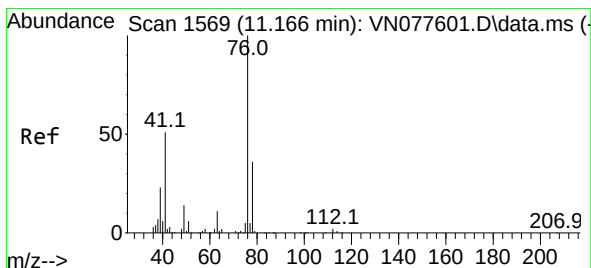
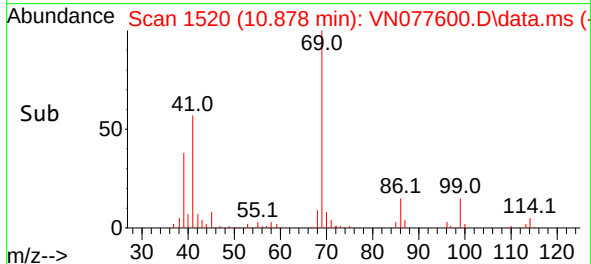
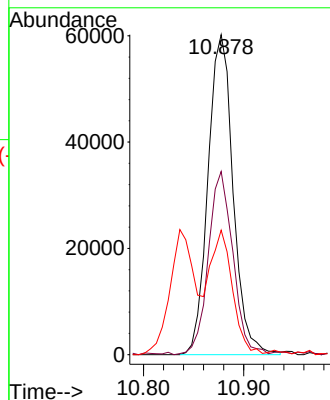
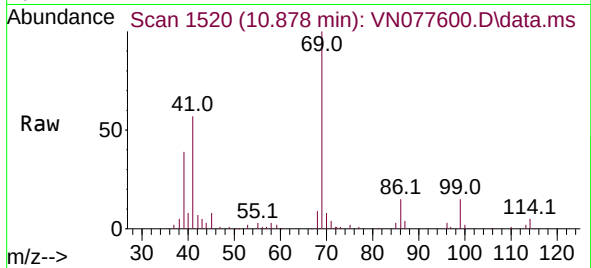




#51
Ethyl methacrylate
Concen: 9.212 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

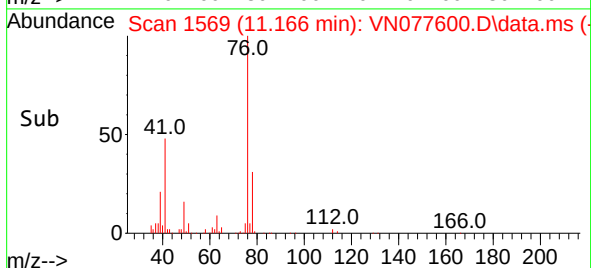
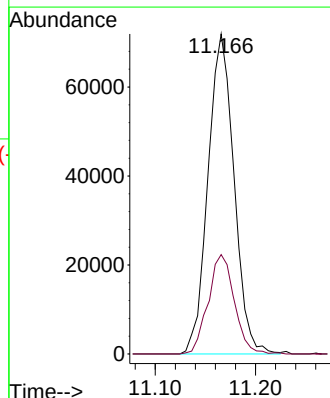
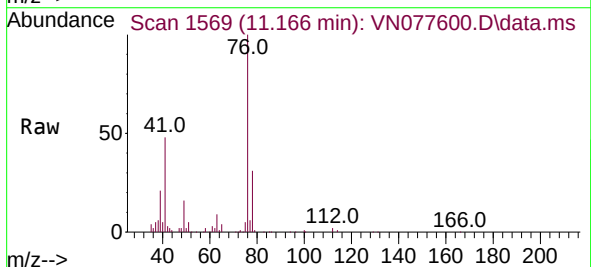
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

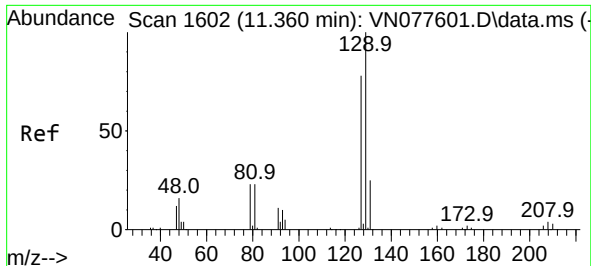
Tgt Ion: 69 Resp: 104933
Ion Ratio Lower Upper
69 100
41 56.9 26.3 78.9
39 38.1 18.1 54.1



#52
1,3-Dichloropropane
Concen: 9.934 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 76 Resp: 129829
Ion Ratio Lower Upper
76 100
78 31.1 0.0 66.4

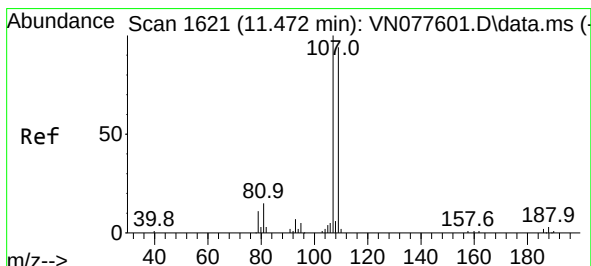
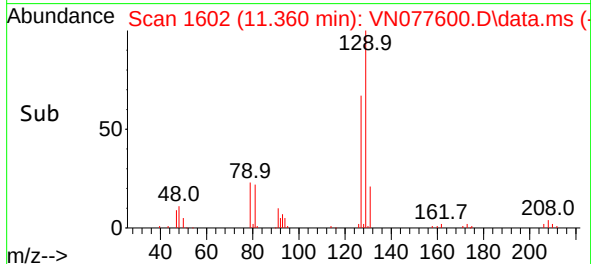
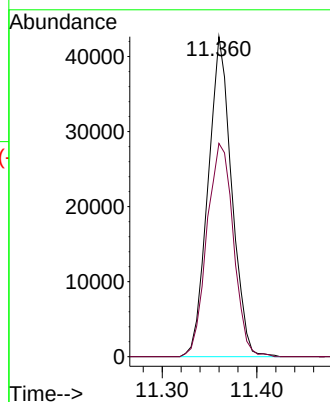
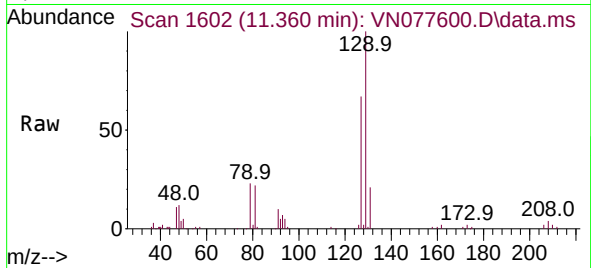




#53
Dibromochloromethane
Concen: 9.343 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

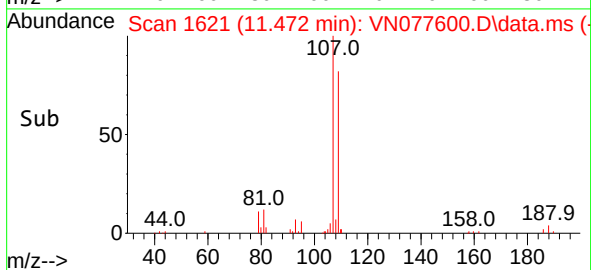
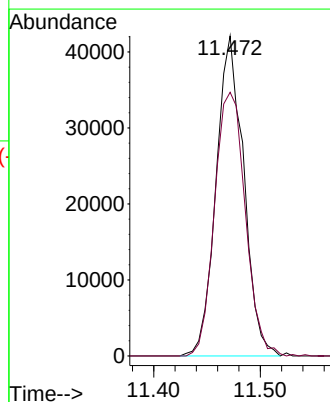
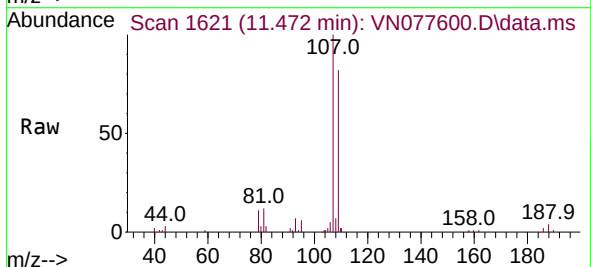
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

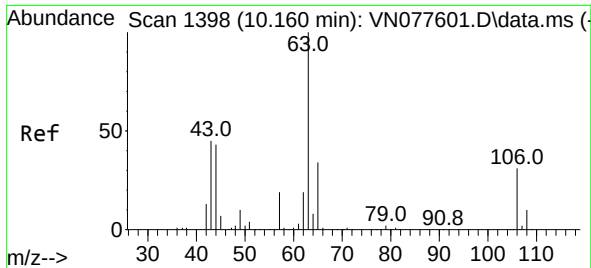
Tgt Ion:129 Resp: 73972
Ion Ratio Lower Upper
129 100
127 74.4 39.4 118.1



#54
1,2-Dibromoethane
Concen: 9.591 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion:107 Resp: 75545
Ion Ratio Lower Upper
107 100
109 91.8 77.4 116.2

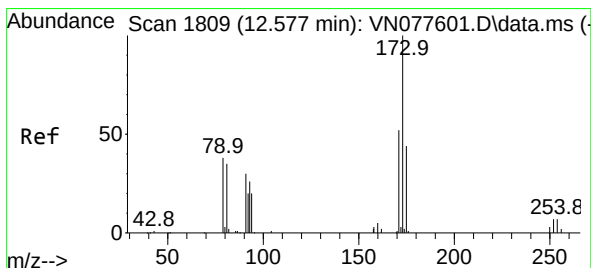
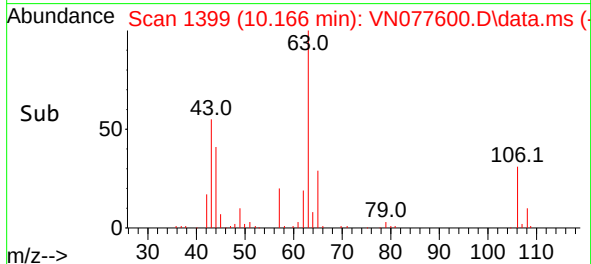
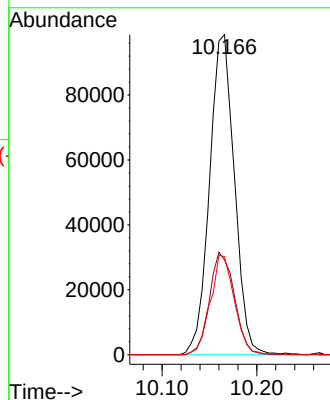
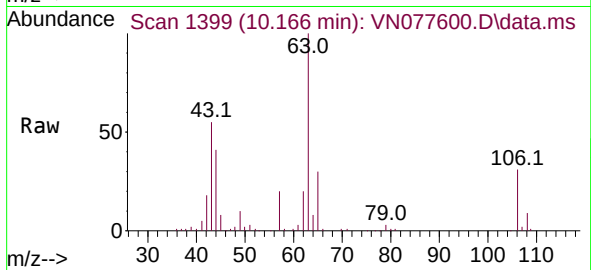




#55
2-Chloroethyl vinyl ether
Concen: 47.574 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

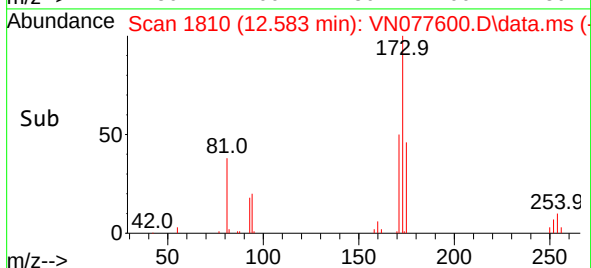
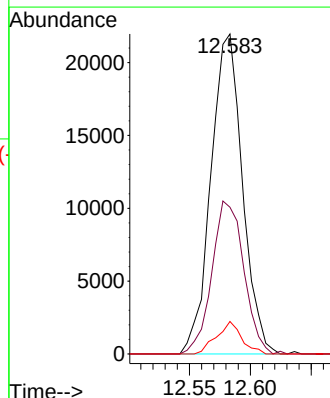
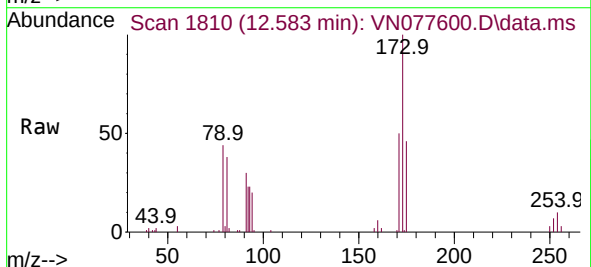
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

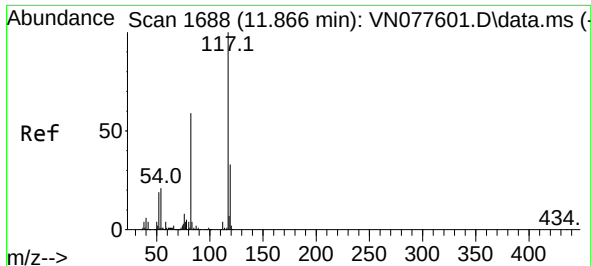
Tgt Ion: 63 Resp: 179926
Ion Ratio Lower Upper
63 100
65 31.9 26.8 40.2
106 30.2 25.6 38.4



#56
Bromoform
Concen: 8.314 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion:173 Resp: 39640
Ion Ratio Lower Upper
173 100
175 48.1 39.4 59.2
254 8.1 5.8 8.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.866 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

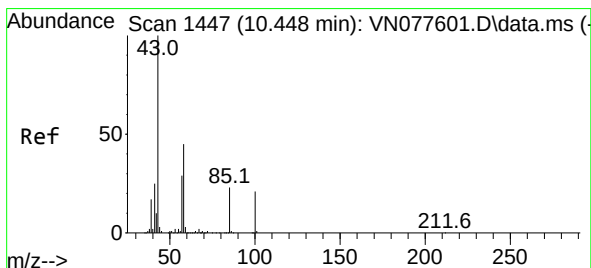
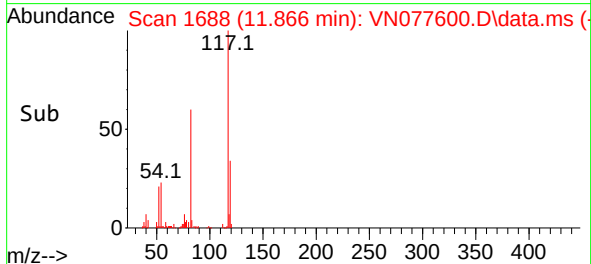
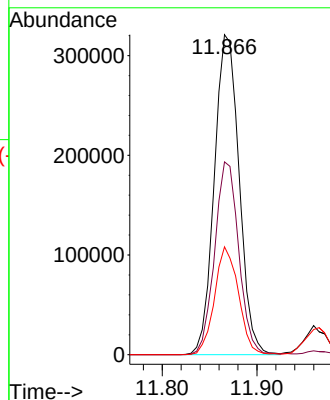
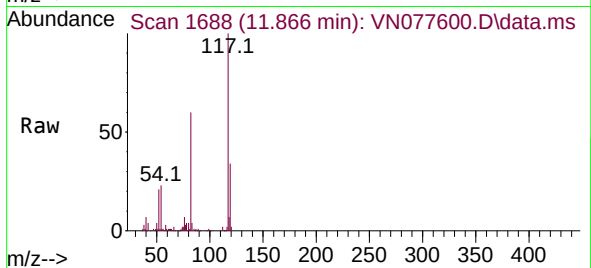
Tgt Ion:117 Resp: 586079

Ion Ratio Lower Upper

117 100

82 58.3 47.4 71.2

119 32.5 26.6 39.8



#58

4-Methyl-2-Pentanone

Concen: 50.523 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

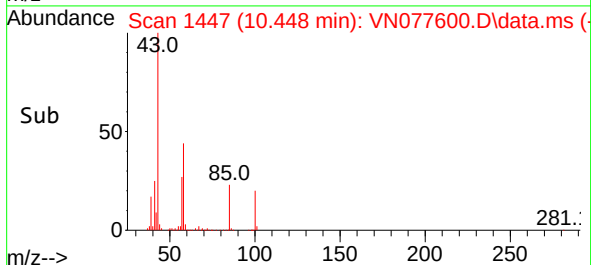
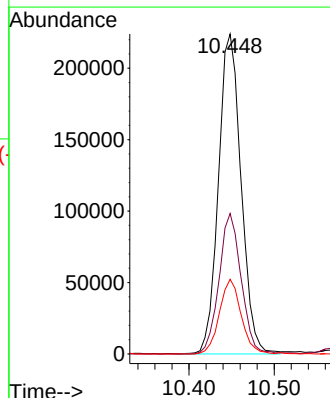
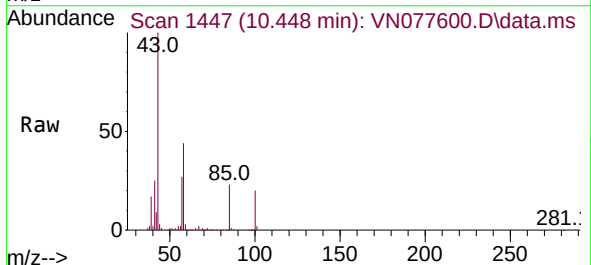
Tgt Ion: 43 Resp: 413127

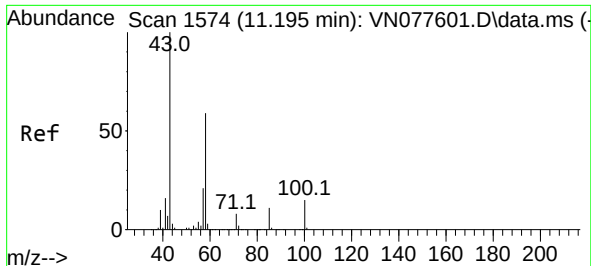
Ion Ratio Lower Upper

43 100

58 43.2 35.4 53.2

85 22.4 18.2 27.2

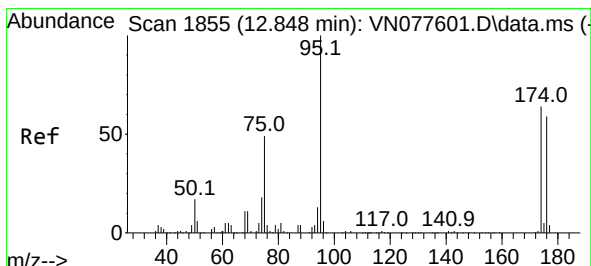
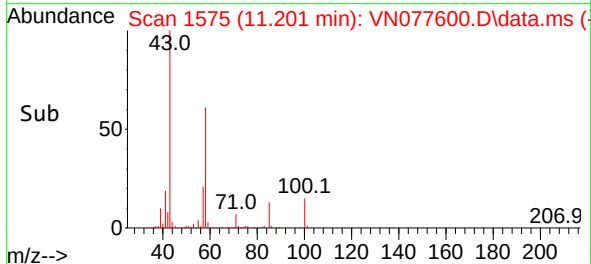
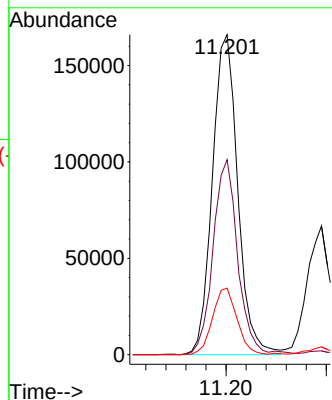
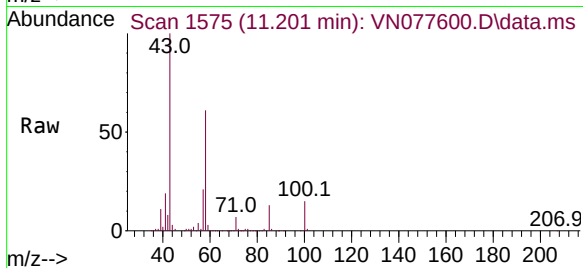




#59
2-Hexanone
Concen: 49.377 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

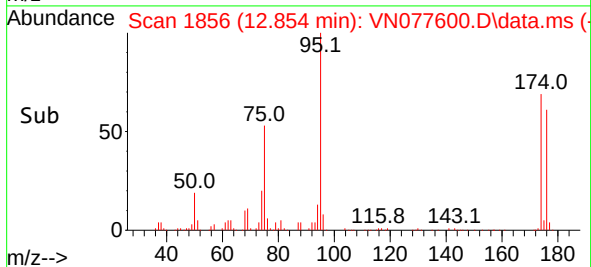
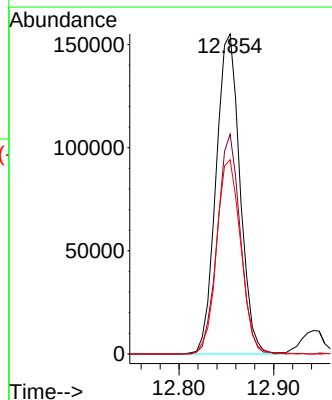
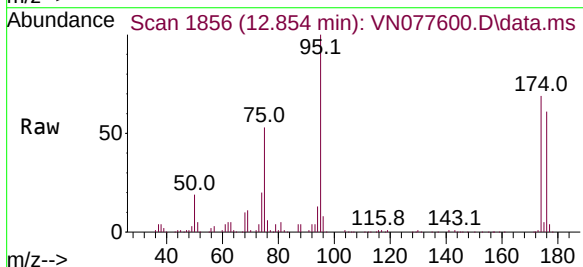
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

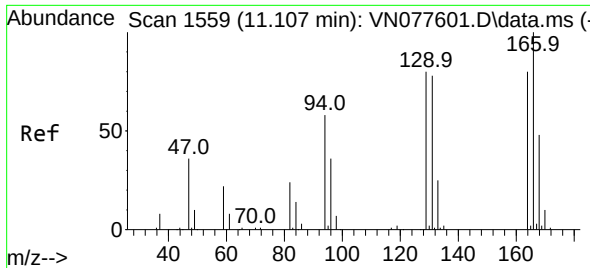
Tgt Ion: 43 Resp: 291458
Ion Ratio Lower Upper
43 100
58 58.8 48.2 72.2
57 20.1 17.3 25.9



#60
4-Bromofluorobenzene
Concen: 29.247 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 95 Resp: 272028
Ion Ratio Lower Upper
95 100
174 65.8 53.4 80.0
176 61.5 50.0 75.0

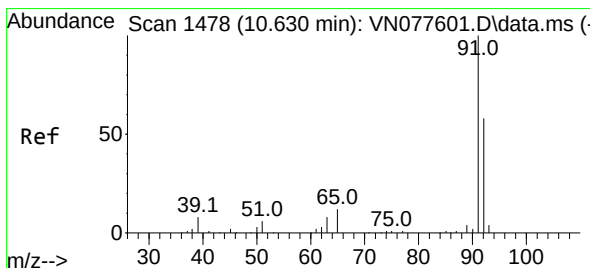
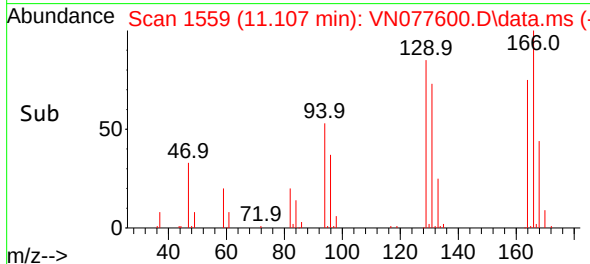
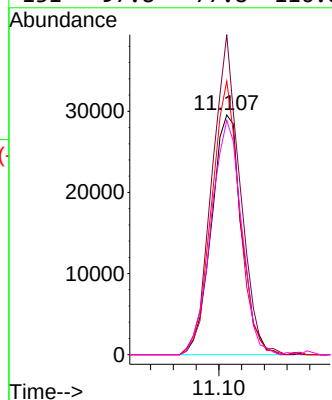
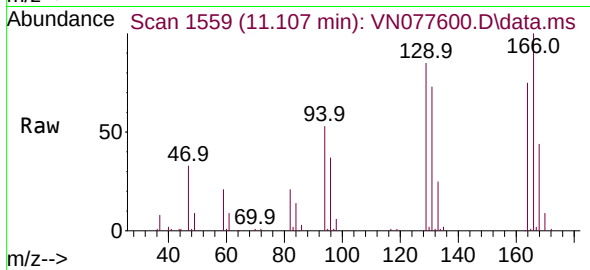




#61
Tetrachloroethene
Concen: 10.035 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

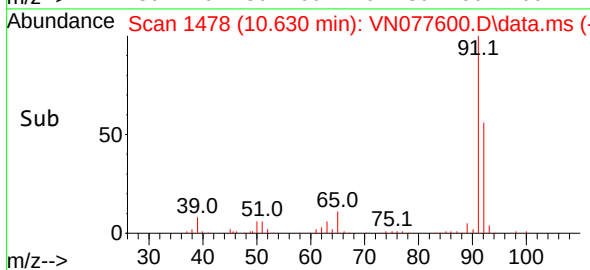
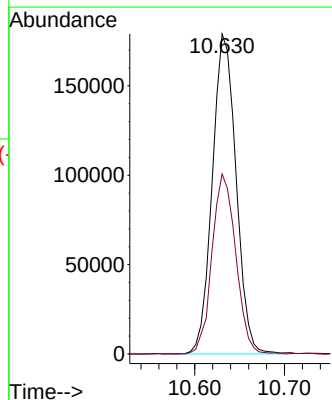
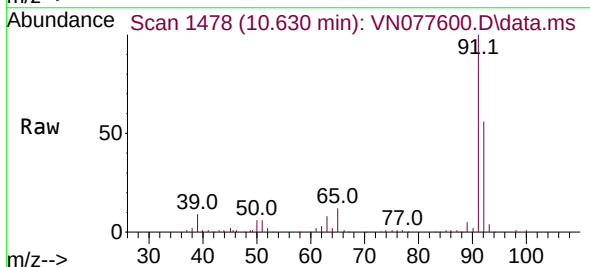
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

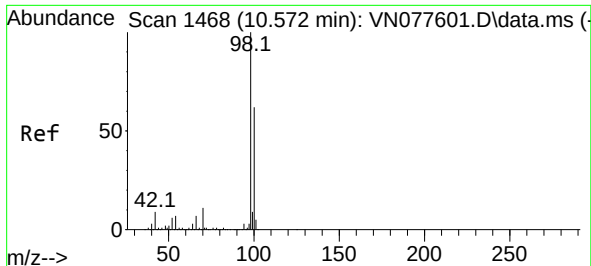
Tgt Ion:164 Resp: 54363
Ion Ratio Lower Upper
164 100
166 133.5 100.5 150.7
129 114.1 80.6 120.8
131 97.8 77.8 116.8



#62
Toluene
Concen: 9.989 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 91 Resp: 329170
Ion Ratio Lower Upper
91 100
92 56.2 47.0 70.6

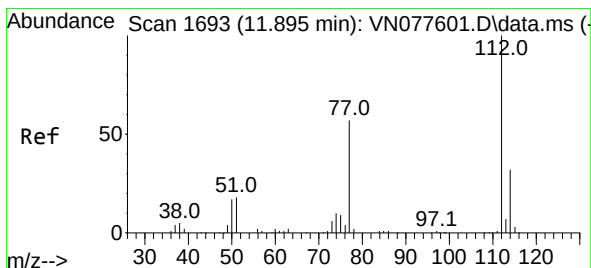
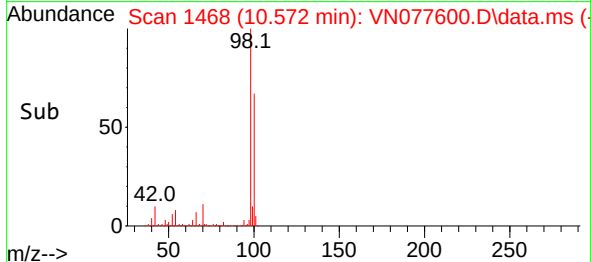
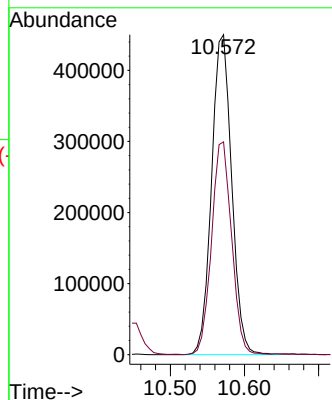
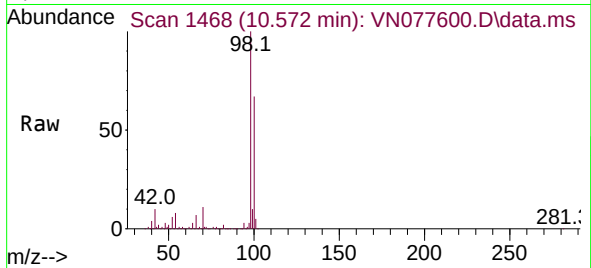




#63
Toluene-d8
Concen: 30.690 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

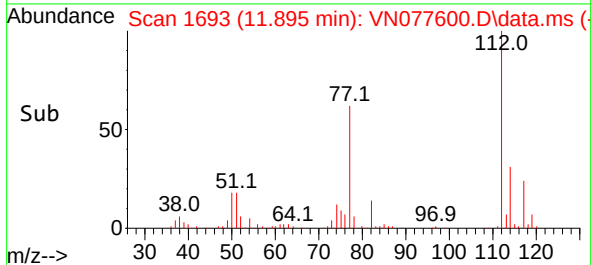
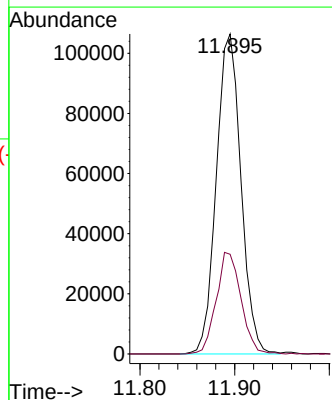
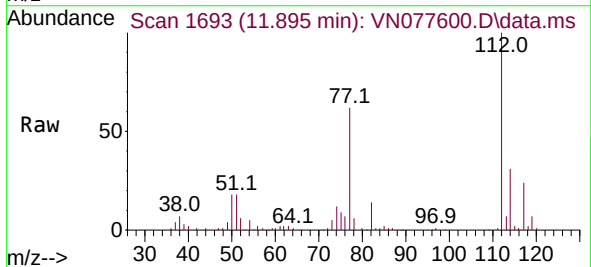
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

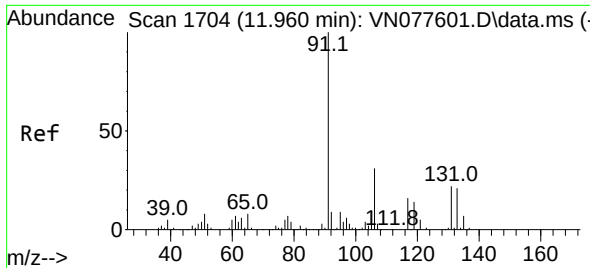
Tgt Ion: 98 Resp: 847852
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1



#64
Chlorobenzene
Concen: 9.837 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 112 Resp: 192222
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.8

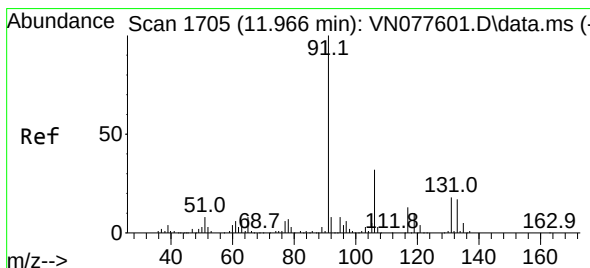
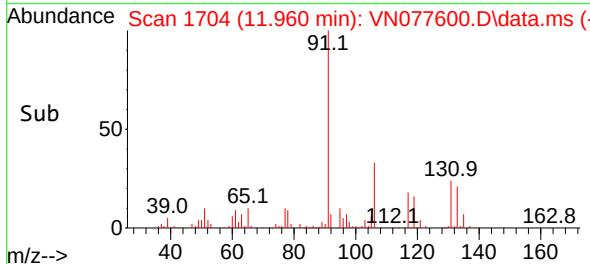
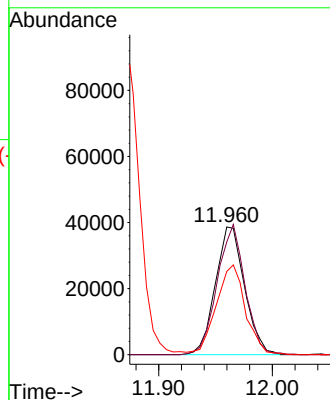
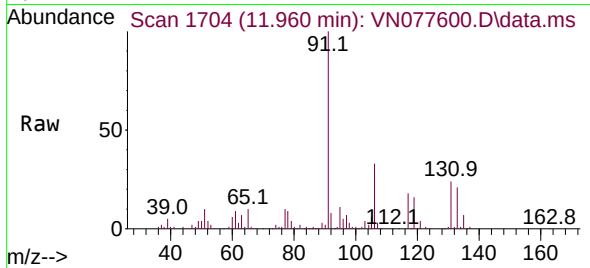




#65
1,1,1,2-Tetrachloroethane
Concen: 9.681 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

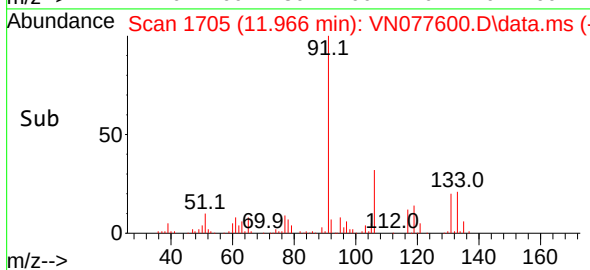
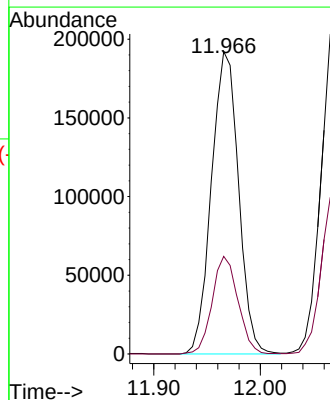
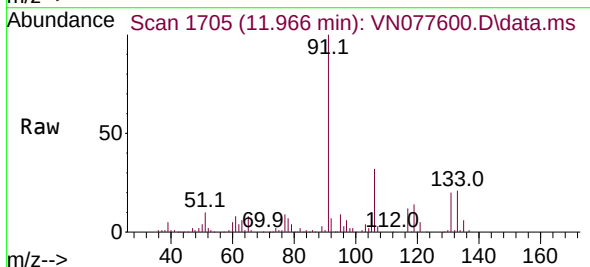
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

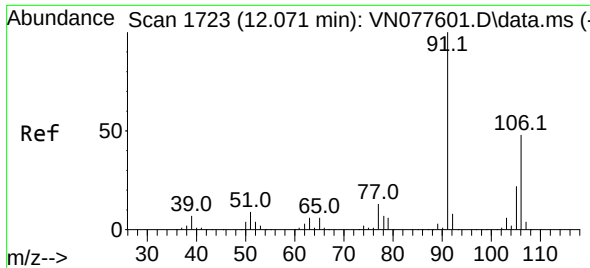
Tgt Ion:131 Resp: 69096
Ion Ratio Lower Upper
131 100
133 97.1 0.0 181.2
119 67.1 0.0 125.0



#66
Ethyl Benzene
Concen: 9.522 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 91 Resp: 339382
Ion Ratio Lower Upper
91 100
106 32.3 25.7 38.5

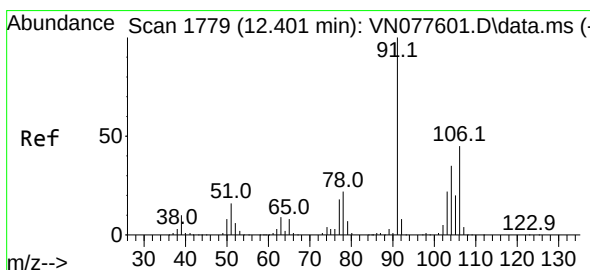
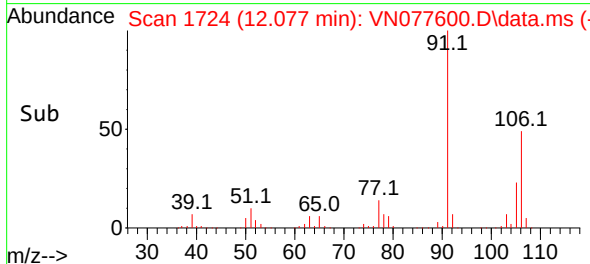
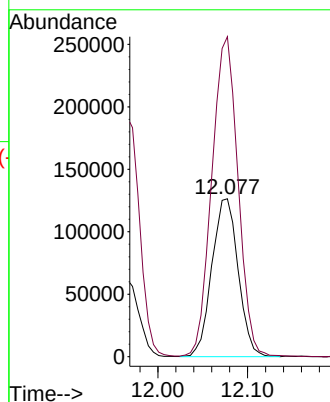
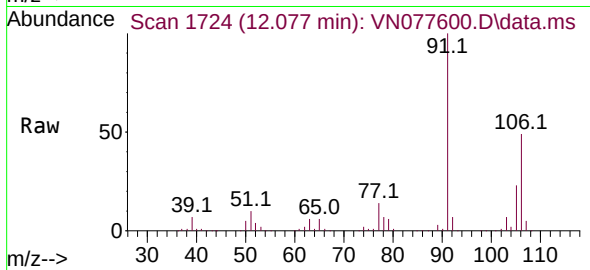




#67
m/p-Xylenes
Concen: 18.942 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

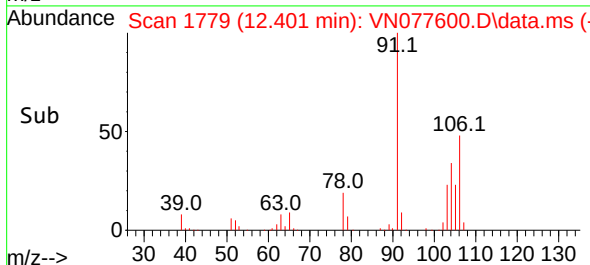
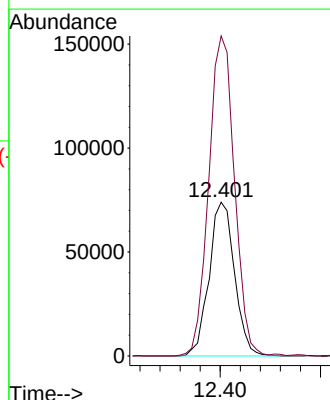
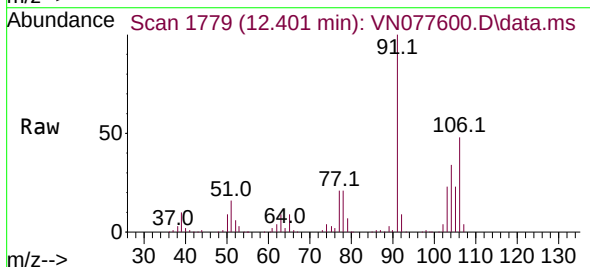
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

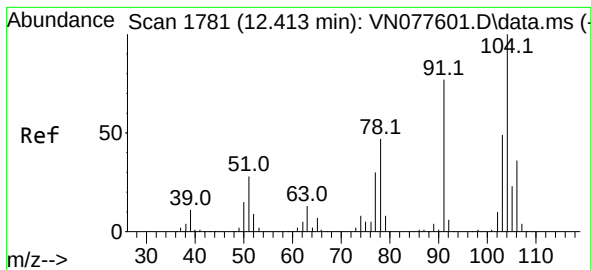
Tgt Ion:106 Resp: 257406
Ion Ratio Lower Upper
106 100
91 200.5 162.6 244.0



#68
o-Xylene
Concen: 9.644 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion:106 Resp: 130429
Ion Ratio Lower Upper
106 100
91 210.4 109.5 328.4





#69

Styrene

Concen: 8.851 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

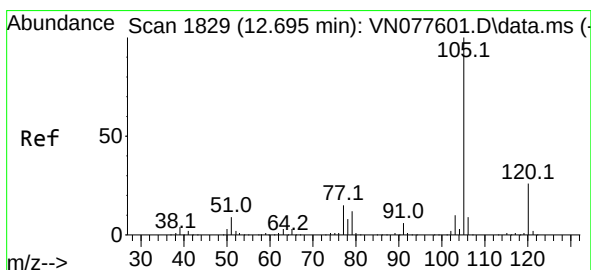
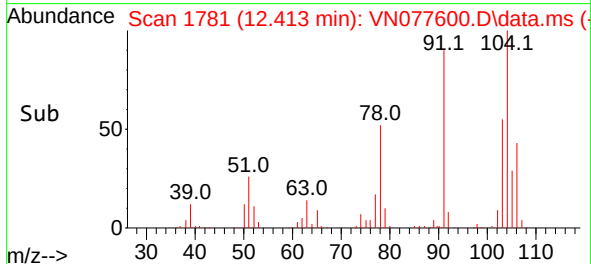
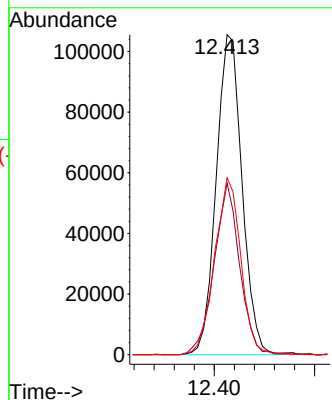
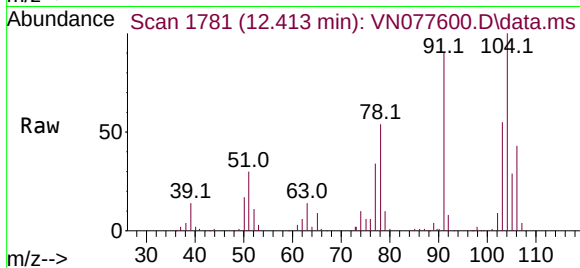
Tgt Ion:104 Resp: 188454

Ion Ratio Lower Upper

104 100

78 52.8 41.3 61.9

103 55.9 44.0 66.0



#70

Isopropylbenzene

Concen: 9.190 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. 0.000 min

Lab File: VN077600.D

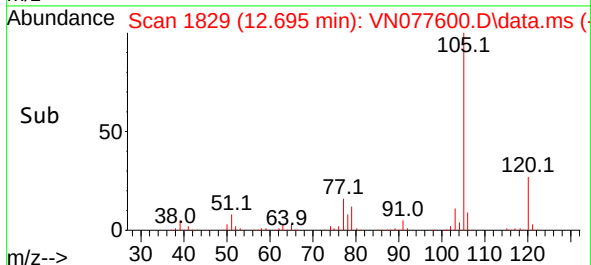
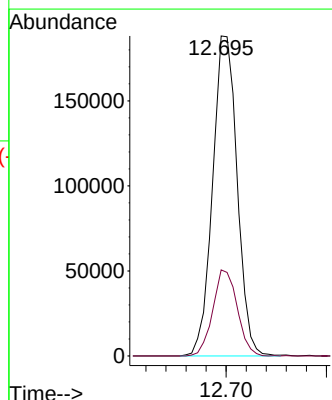
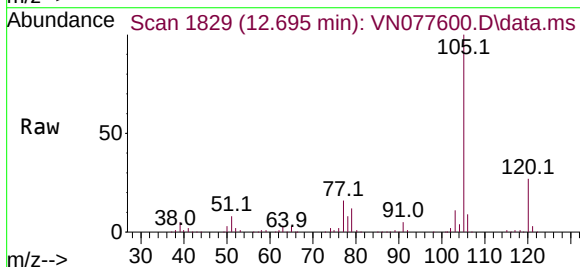
Acq: 05 May 2023 19:18

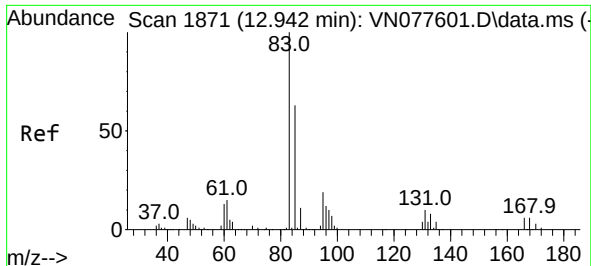
Tgt Ion:105 Resp: 319961

Ion Ratio Lower Upper

105 100

120 26.7 18.5 34.3

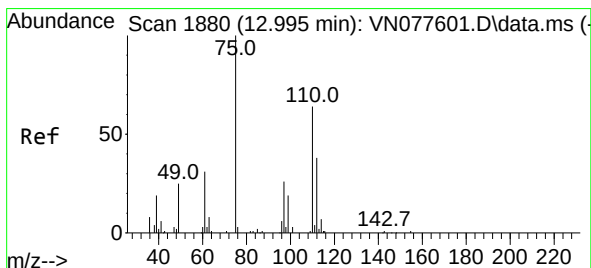
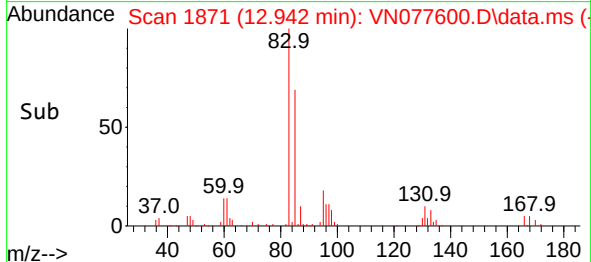
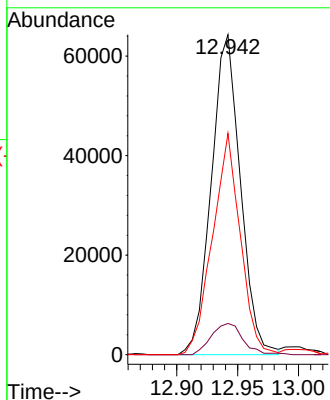
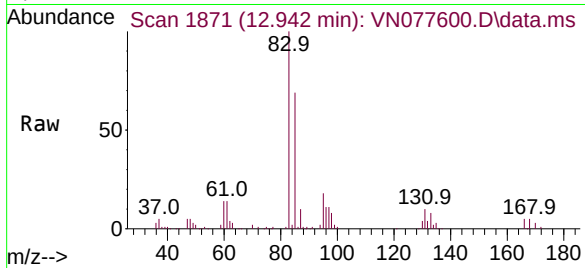




#71
1,1,2,2-Tetrachloroethane
Concen: 9.886 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

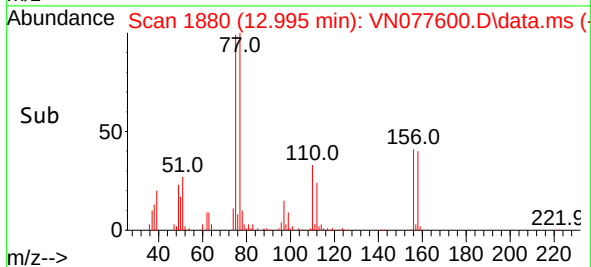
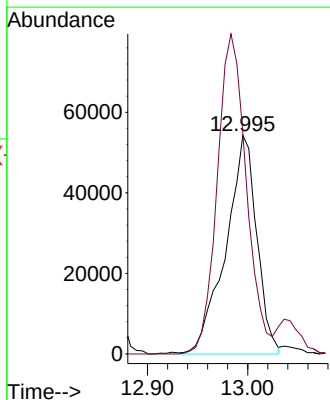
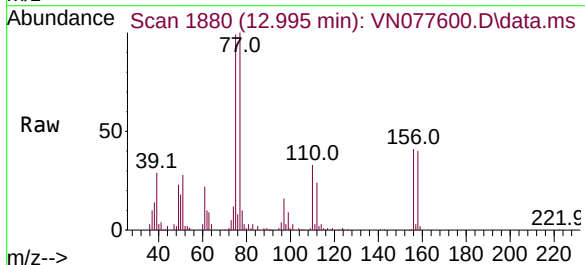
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

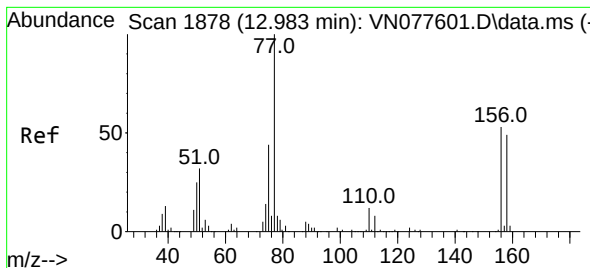
Tgt Ion: 83 Resp: 107043
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.3
85 65.9 33.4 100.2



#72
1,2,3-Trichloropropane
Concen: 12.522 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 75 Resp: 116743
Ion Ratio Lower Upper
75 100
77 137.2 0.0 354.6





#73

Bromobenzene

Concen: 9.313 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

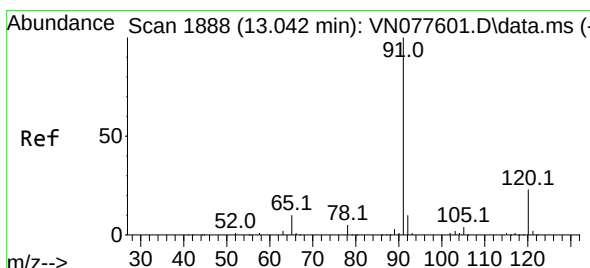
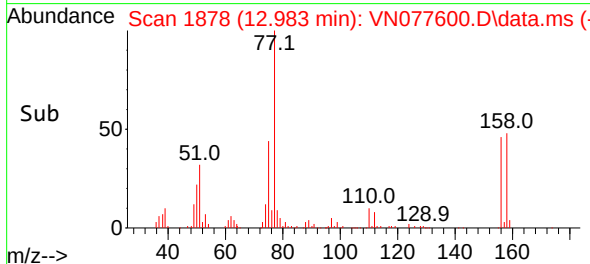
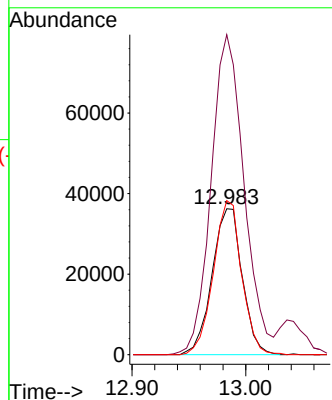
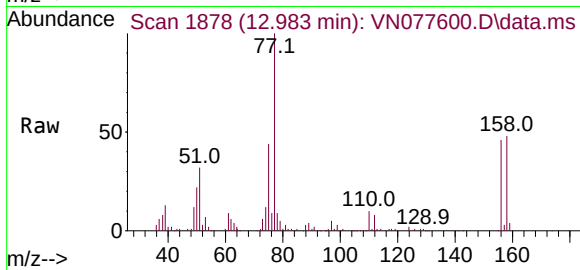
Tgt Ion:156 Resp: 66933

Ion Ratio Lower Upper

156 100

77 239.3 0.0 466.4

158 98.8 0.0 196.2



#74

n-propylbenzene

Concen: 8.839 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.006 min

Lab File: VN077600.D

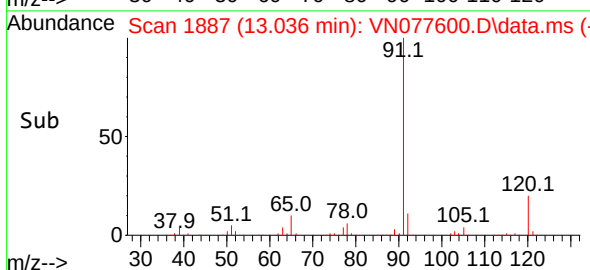
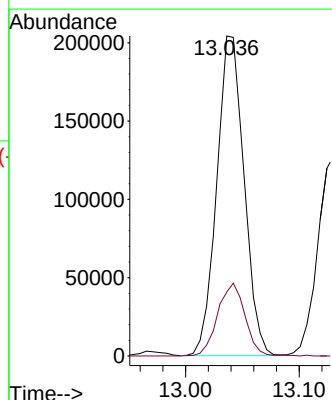
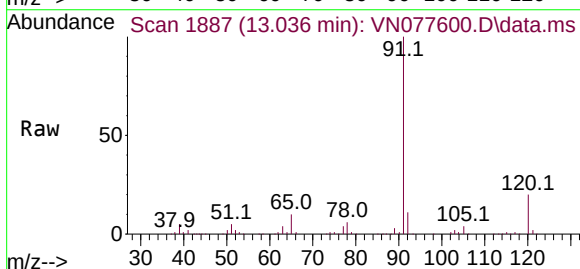
Acq: 05 May 2023 19:18

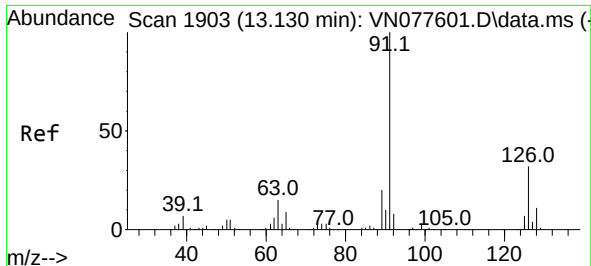
Tgt Ion: 91 Resp: 341525

Ion Ratio Lower Upper

91 100

120 22.6 0.0 45.6

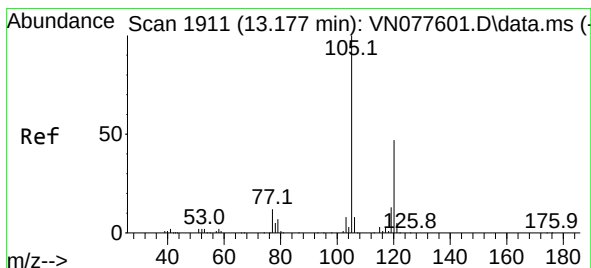
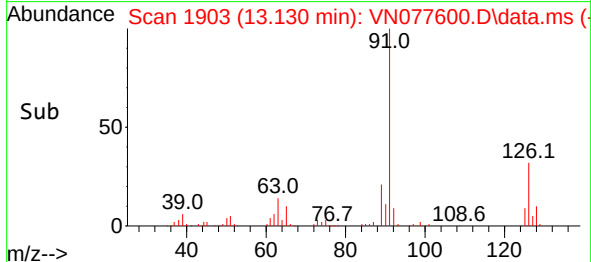
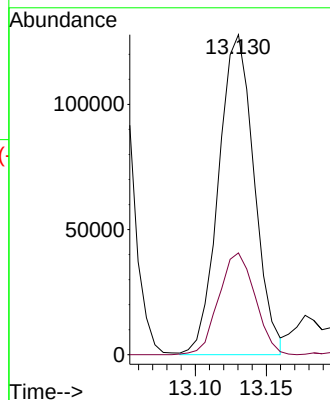
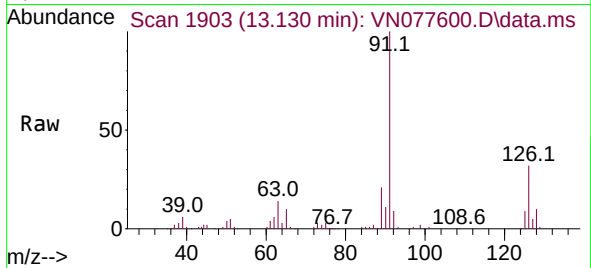




#75
2-Chlorotoluene
Concen: 9.265 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

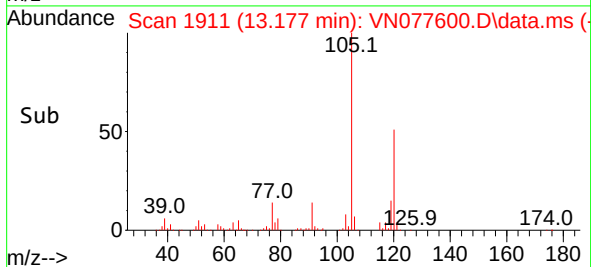
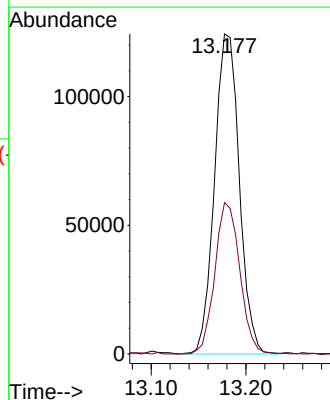
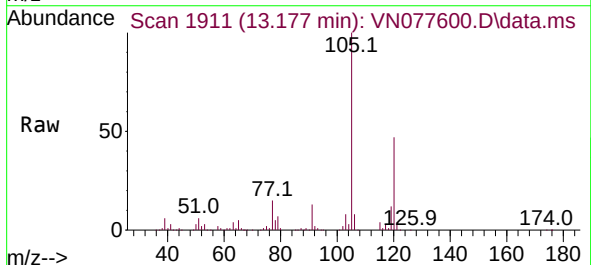
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

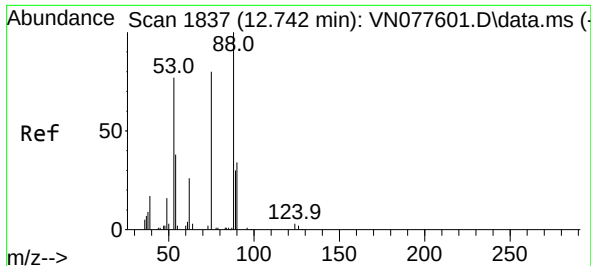
Tgt Ion: 91 Resp: 222848
Ion Ratio Lower Upper
91 100
126 32.4 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 8.385 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 105 Resp: 226050
Ion Ratio Lower Upper
105 100
120 47.6 0.0 95.2

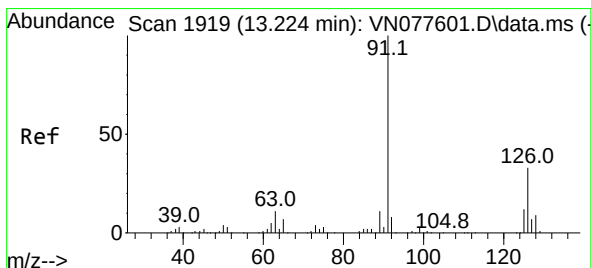
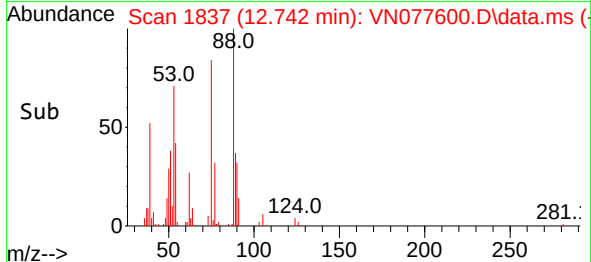
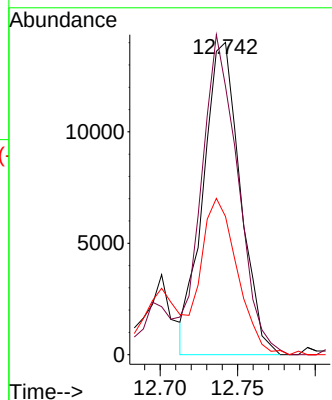
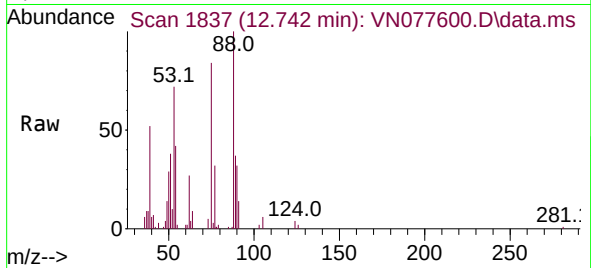




#77
t-1,4-Dichloro-2-butene
Concen: 8.234 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

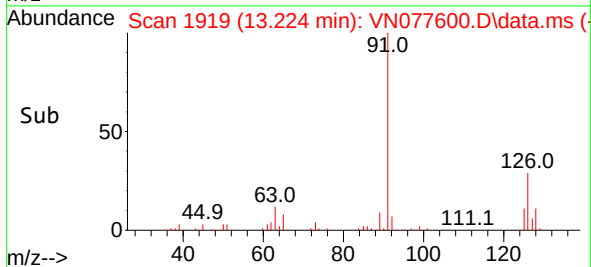
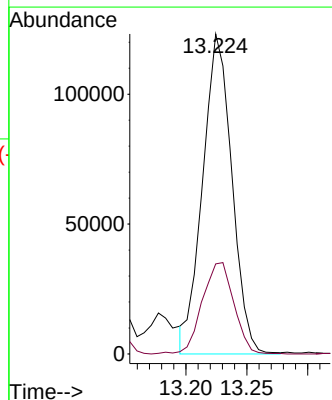
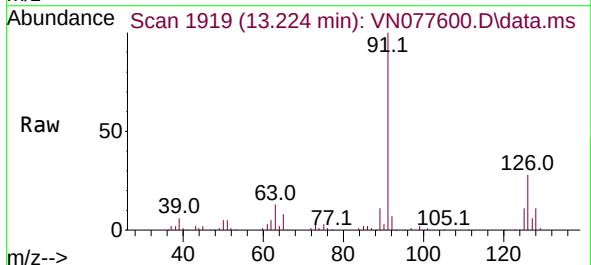
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

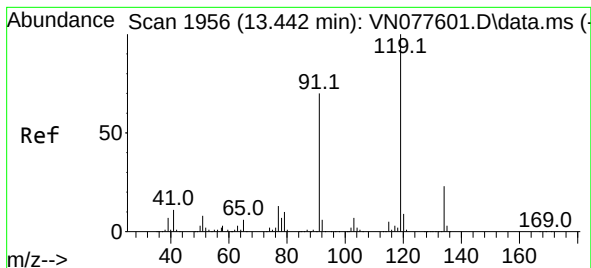
Tgt Ion: 75 Resp: 23263
Ion Ratio Lower Upper
75 100
53 84.4 46.9 140.7
89 42.9 21.0 63.0



#78
4-Chlorotoluene
Concen: 9.045 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 91 Resp: 205741
Ion Ratio Lower Upper
91 100
126 30.7 0.0 64.6





#79

tert-butylbenzene

Concen: 9.157 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

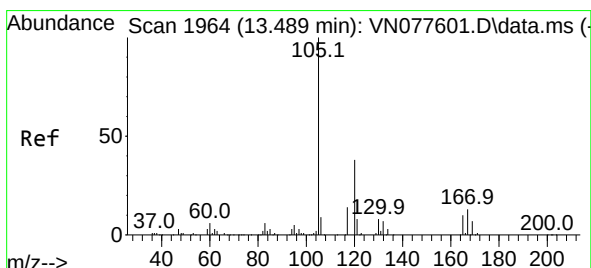
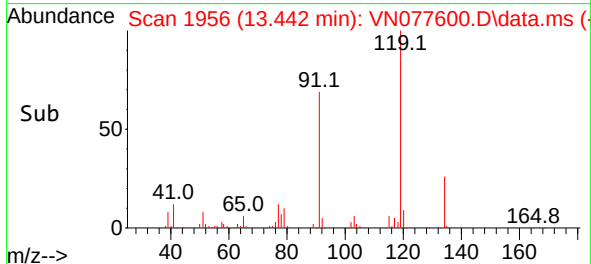
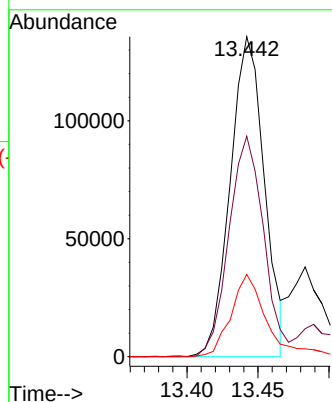
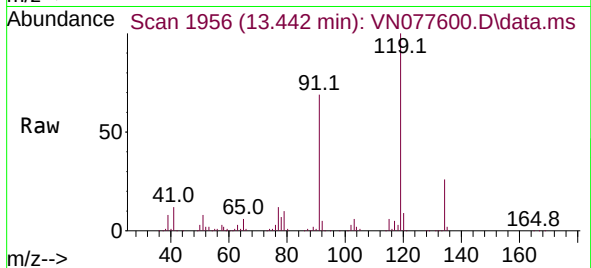
Tgt Ion:119 Resp: 227240

Ion Ratio Lower Upper

119 100

91 70.0 0.0 141.6

134 26.8 0.0 46.6



#80

1,2,4-Trimethylbenzene

Concen: 7.759 ug/l

RT: 13.489 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN077600.D

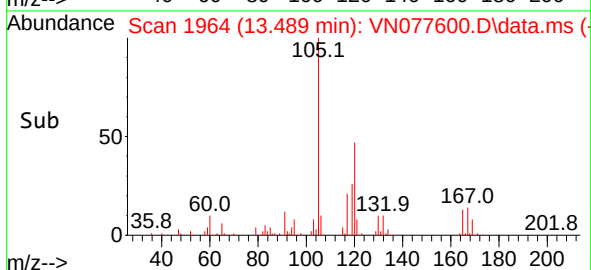
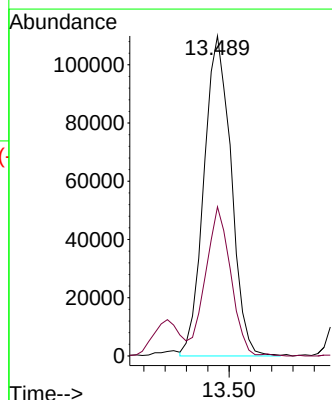
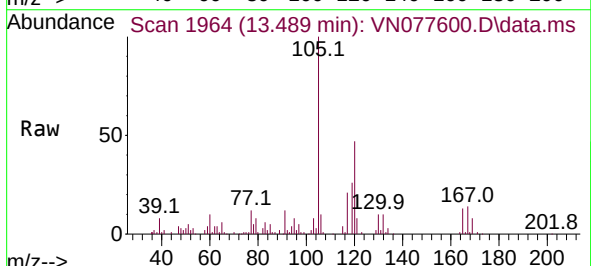
Acq: 05 May 2023 19:18

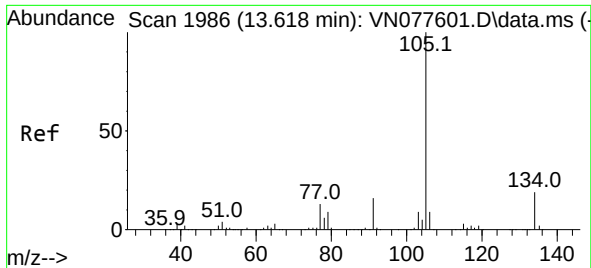
Tgt Ion:105 Resp: 194734

Ion Ratio Lower Upper

105 100

120 43.2 0.0 88.0

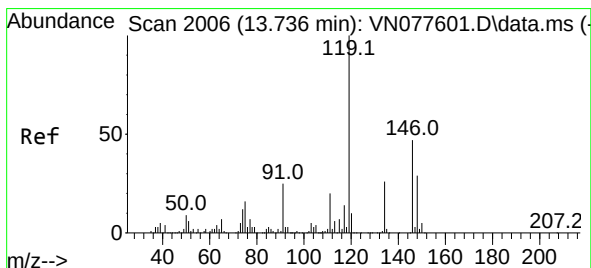
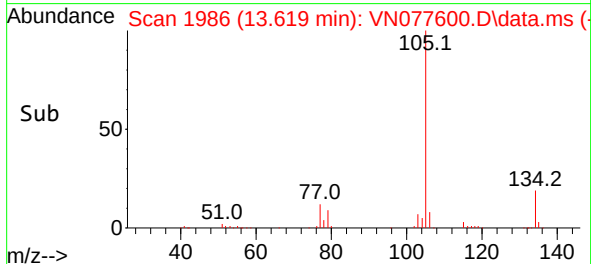
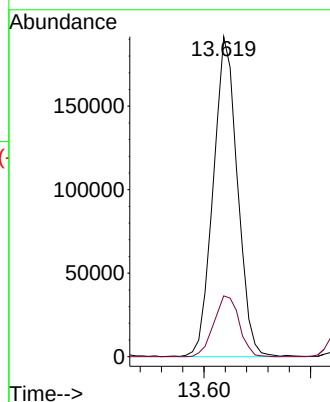
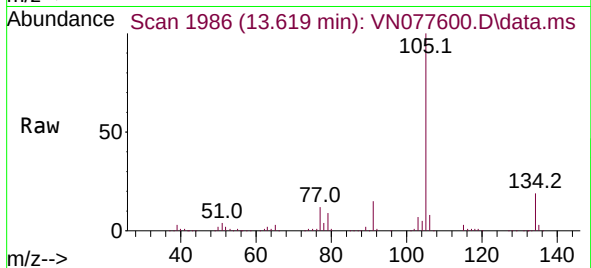




#81
 sec-Butylbenzene
 Concen: 8.776 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN077600.D
 Acq: 05 May 2023 19:18

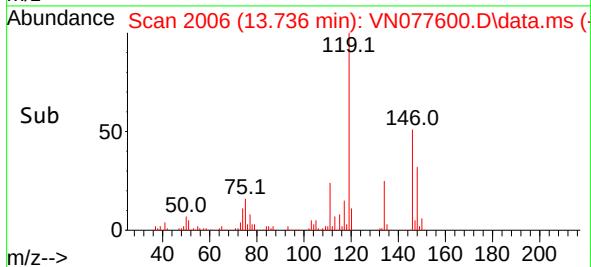
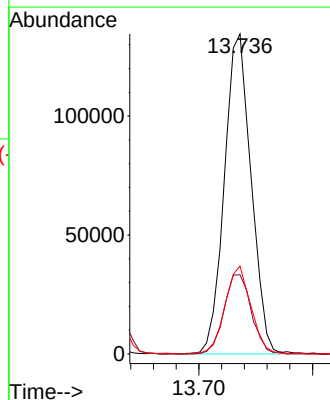
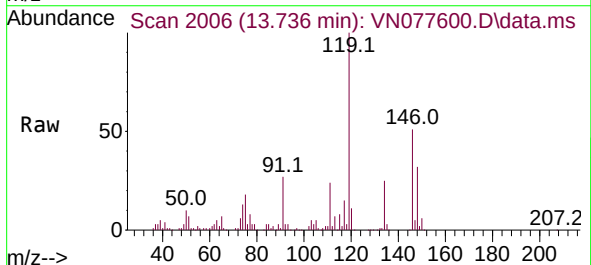
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

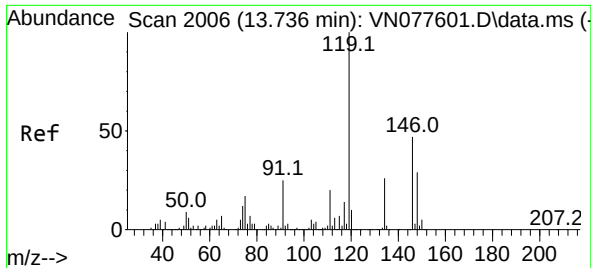
Tgt Ion:105 Resp: 302295
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 37.8



#82
 p-Isopropyltoluene
 Concen: 8.297 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077600.D
 Acq: 05 May 2023 19:18

Tgt Ion:119 Resp: 219702
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.2
 91 26.6 0.0 51.2

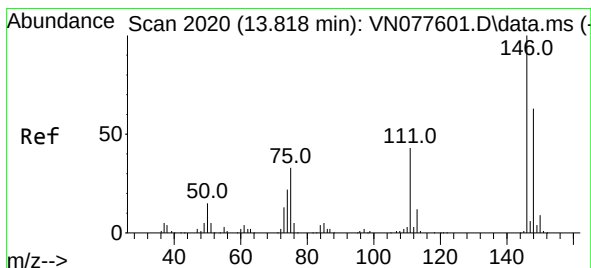
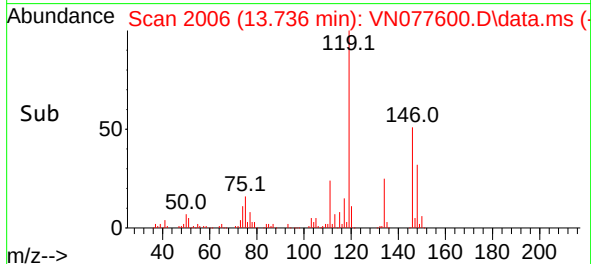
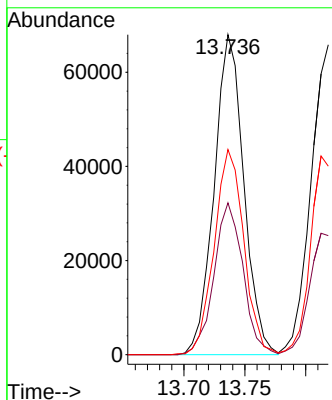
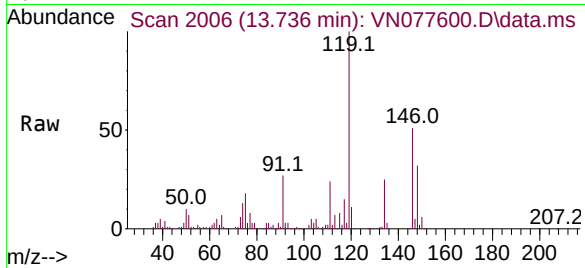




#83
 1,3-Dichlorobenzene
 Concen: 8.968 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077600.D
 Acq: 05 May 2023 19:18

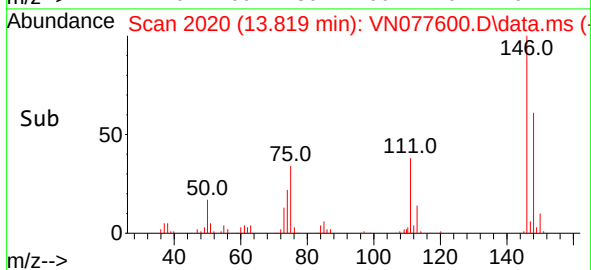
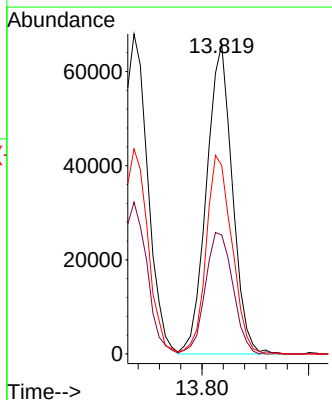
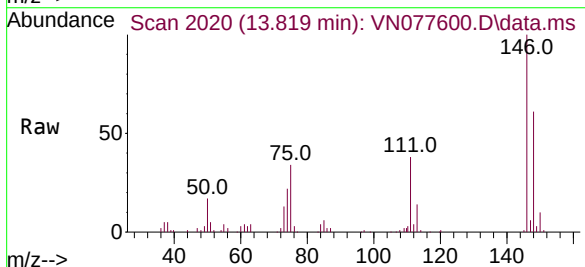
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

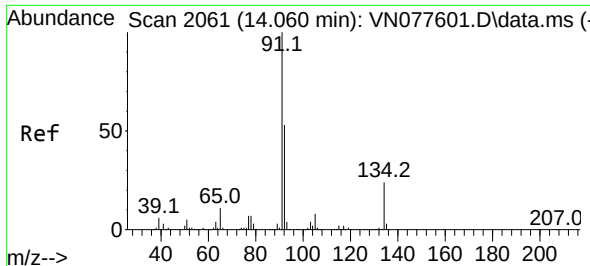
Tgt Ion:146 Resp: 115161
 Ion Ratio Lower Upper
 146 100
 111 46.4 22.1 66.1
 148 64.1 32.5 97.4



#84
 1,4-Dichlorobenzene
 Concen: 8.786 ug/l
 RT: 13.819 min Scan# 2020
 Delta R.T. 0.001 min
 Lab File: VN077600.D
 Acq: 05 May 2023 19:18

Tgt Ion:146 Resp: 110987
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.4
 148 63.9 31.1 93.5

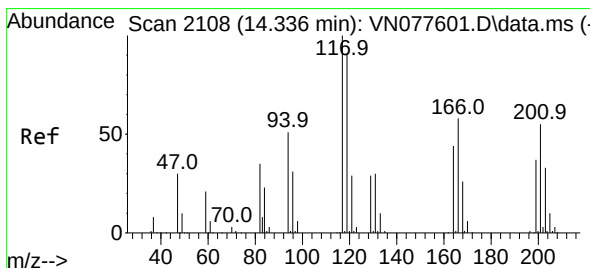
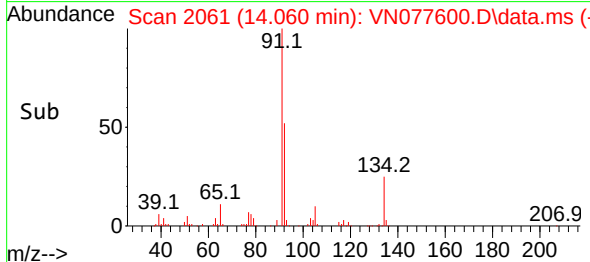
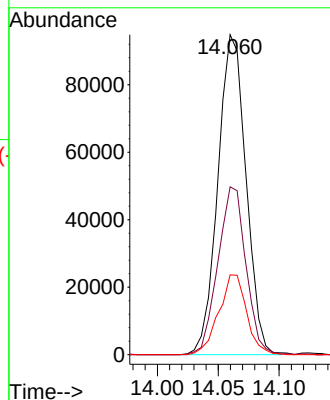
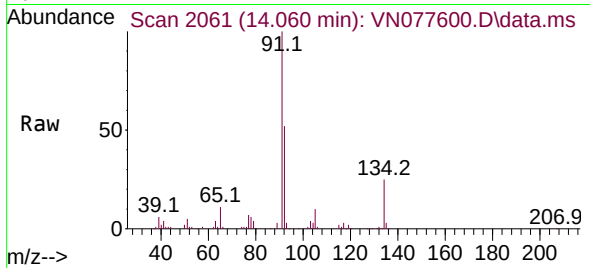




#85
n-Butylbenzene
Concen: 7.318 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

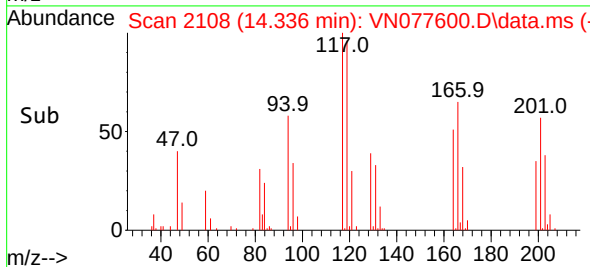
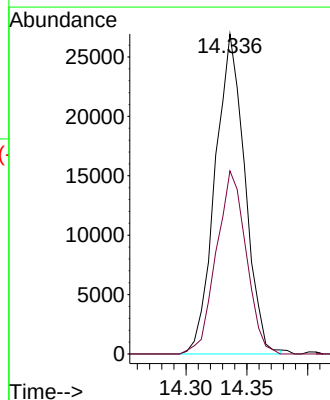
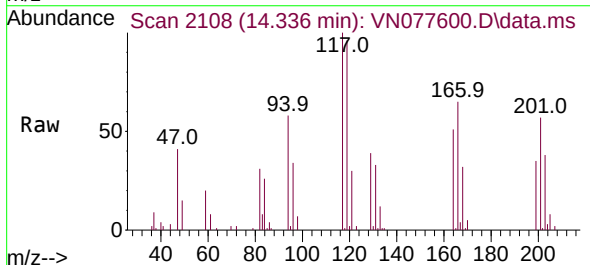
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

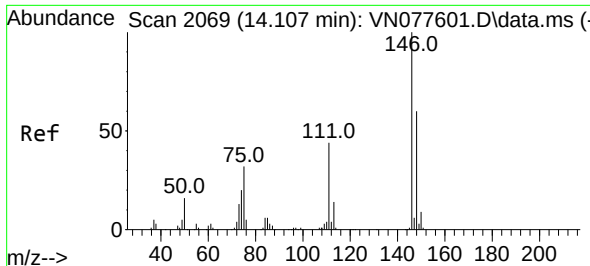
Tgt Ion: 91 Resp: 152302
Ion Ratio Lower Upper
91 100
92 52.2 0.0 107.0
134 24.7 0.0 50.2



#86
Hexachloroethane
Concen: 8.815 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 117 Resp: 45625
Ion Ratio Lower Upper
117 100
201 57.5 28.1 84.4

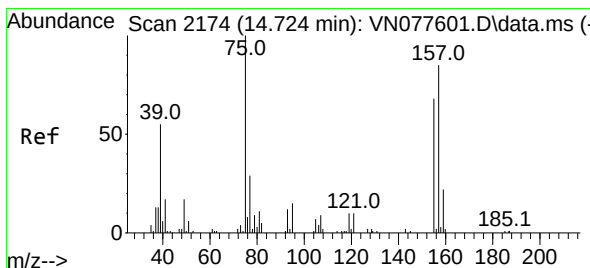
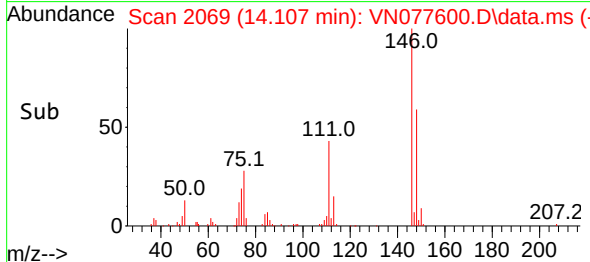
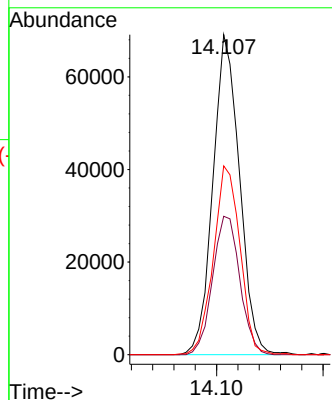
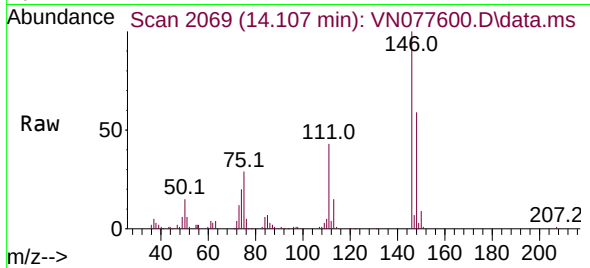




#87
1,2-Dichlorobenzene
Concen: 9.233 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

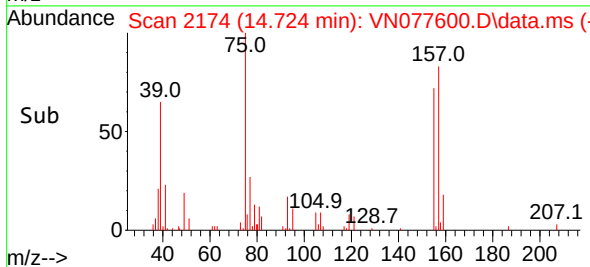
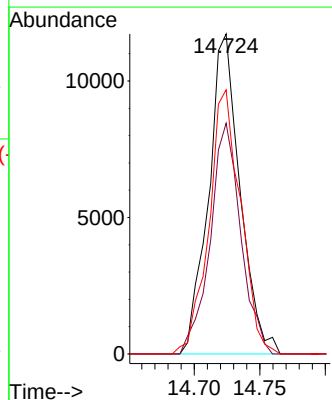
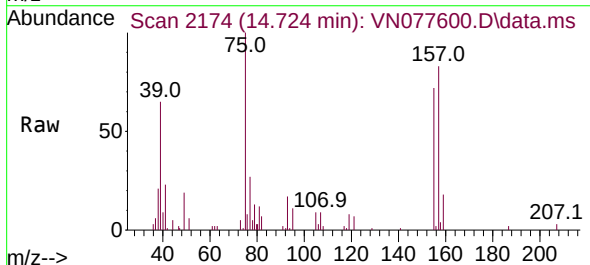
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

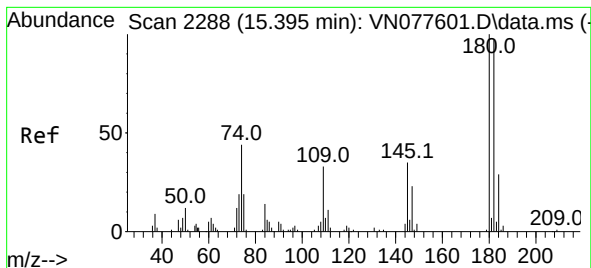
Tgt Ion:146 Resp: 119792
Ion Ratio Lower Upper
146 100
111 44.4 22.7 68.0
148 58.9 31.0 93.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 9.547 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077600.D
Acq: 05 May 2023 19:18

Tgt Ion: 75 Resp: 19600
Ion Ratio Lower Upper
75 100
155 69.9 63.1 94.7
157 83.2 75.5 113.3





#89

1,2,4-Trichlorobenzene

Concen: 9.909 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

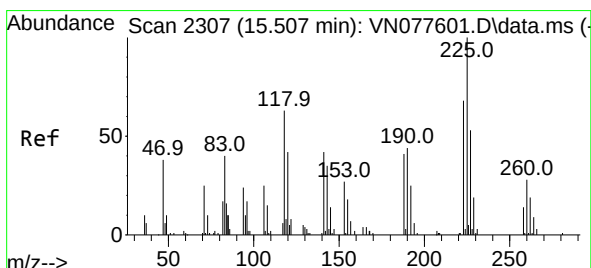
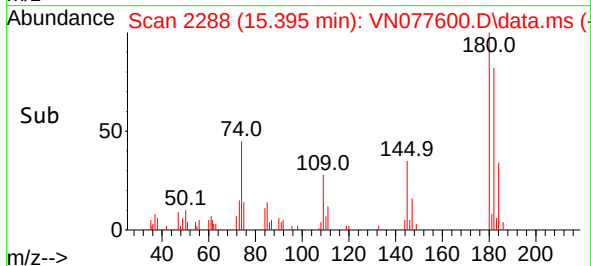
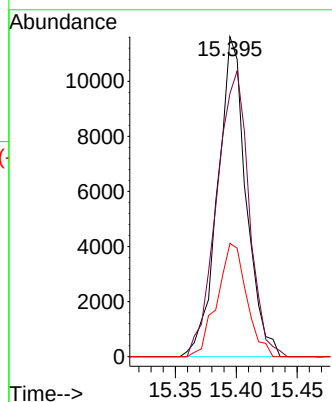
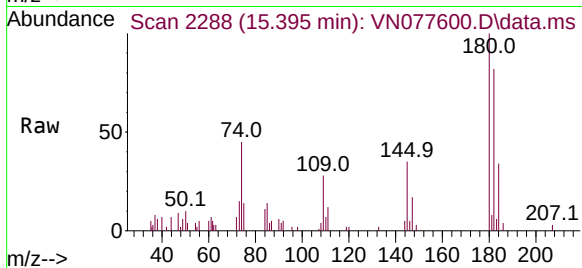
Tgt Ion:180 Resp: 18921

Ion Ratio Lower Upper

180 100

182 101.0 75.1 112.7

145 36.6 28.6 43.0



#90

Hexachlorobutadiene

Concen: 8.447 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

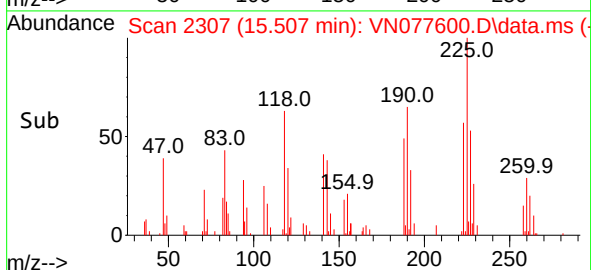
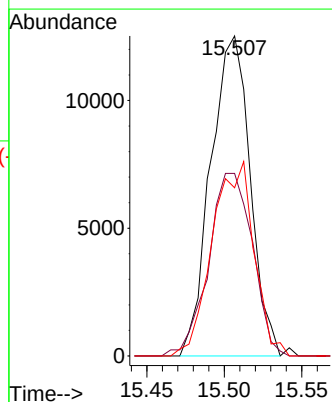
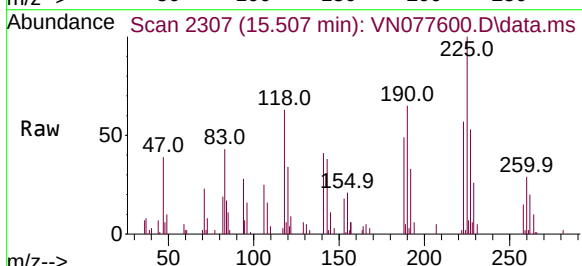
Tgt Ion:225 Resp: 22178

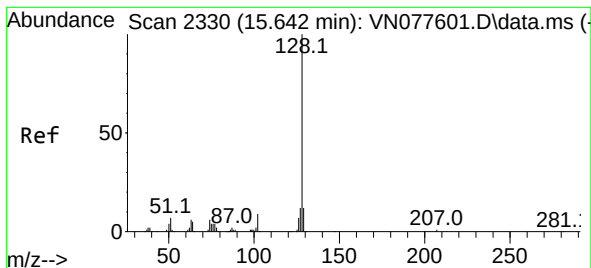
Ion Ratio Lower Upper

225 100

223 63.4 0.0 132.2

227 64.0 0.0 116.2





#91

Naphthalene

Concen: 9.845 ug/l

RT: 15.648 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

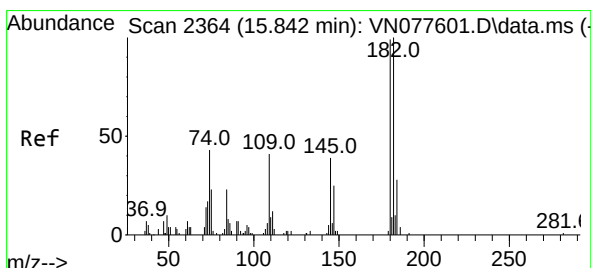
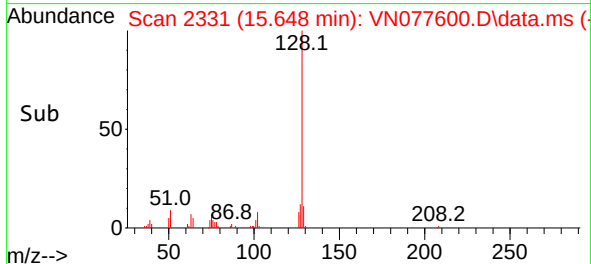
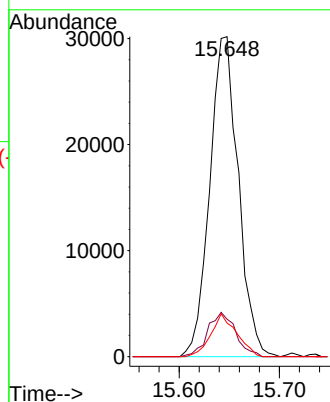
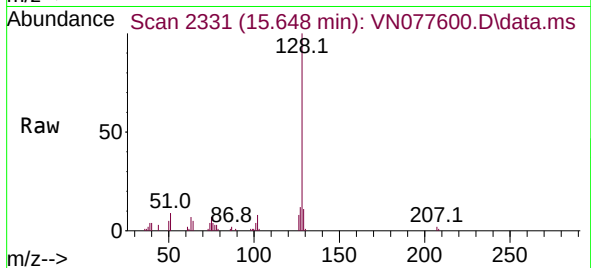
Tgt Ion:128 Resp: 59695

Ion Ratio Lower Upper

128 100

127 13.6 9.6 14.4

129 12.1 9.1 13.7



#92

1,2,3-Trichlorobenzene

Concen: 9.883 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. -0.000 min

Lab File: VN077600.D

Acq: 05 May 2023 19:18

Tgt Ion:180 Resp: 17859

Ion Ratio Lower Upper

180 100

182 100.4 0.0 193.4

145 38.1 0.0 78.6

