

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011623\
 Data File : VN076261.D
 Acq On : 16 Jan 2023 10:54
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 17 03:26:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:09:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	314006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	506719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	446975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	18348	5.219	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.440%#
35) Dibromofluoromethane	8.171	113	16750	5.284	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.560%#
50) Toluene-d8	10.565	98	59566	5.088	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	10.180%#
62) 4-Bromofluorobenzene	12.847	95	18054	4.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.440%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	14188	4.503	ug/l	100
3) Chloromethane	2.371	50	15794	4.696	ug/l	97
4) Vinyl Chloride	2.524	62	20666	4.983	ug/l	99
5) Bromomethane	2.954	94	17519	5.237	ug/l	94
6) Chloroethane	3.124	64	14904	4.909	ug/l	92
7) Trichlorofluoromethane	3.507	101	27844	4.953	ug/l	87
8) Diethyl Ether	3.977	74	9395	5.057	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	16038	5.104	ug/l	96
10) Methyl Iodide	4.601	142	23322	4.799	ug/l	99
11) Tert butyl alcohol	5.536	59	11737	24.958	ug/l #	84
12) 1,1-Dichloroethene	4.354	96	14743	5.050	ug/l	92
13) Acrolein	4.201	56	14871	26.442	ug/l	94
14) Allyl chloride	5.042	41	16664	4.866	ug/l	98
15) Acrylonitrile	5.730	53	33308	24.631	ug/l	97
16) Acetone	4.448	43	29331	25.232	ug/l	97
17) Carbon Disulfide	4.724	76	33691	4.585	ug/l #	93
18) Methyl Acetate	5.048	43	19408	5.113	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	47650	4.904	ug/l #	91
20) Methylene Chloride	5.295	84	18166	5.193	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	16342	5.063	ug/l	96
22) Diisopropyl ether	6.689	45	40879	4.899	ug/l	98
23) Vinyl Acetate	6.612	43	124869	23.573	ug/l	99
24) 1,1-Dichloroethane	6.577	63	28567	5.103	ug/l	98
25) 2-Butanone	7.495	43	41677	24.632	ug/l	88
26) 2,2-Dichloropropane	7.500	77	23021	4.817	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	19315	5.077	ug/l	96
28) Bromochloromethane	7.812	49	11418	5.055	ug/l #	97
29) Tetrahydrofuran	7.847	42	25626	24.110	ug/l	99
30) Chloroform	7.971	83	30329	4.870	ug/l	95
31) Cyclohexane	8.259	56	31629	5.856	ug/l	86
32) 1,1,1-Trichloroethane	8.177	97	27800	5.010	ug/l #	83
36) 1,1-Dichloropropene	8.377	75	22426	4.990	ug/l	99
37) Ethyl Acetate	7.565	43	19638	5.507	ug/l	96
38) Carbon Tetrachloride	8.371	117	24797	4.954	ug/l	98
39) Methylcyclohexane	9.600	83	26978	4.963	ug/l	96
40) Benzene	8.612	78	67142	5.018	ug/l	98

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 ClientSampleId :
 VSTDICC005

Quant Time: Jan 17 03:26:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:09:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	8986	4.891	ug/l	95
42) 1,2-Dichloroethane	8.677	62	23219	5.049	ug/l	100
43) Isopropyl Acetate	8.689	43	28939	3.744	ug/l	99
44) Trichloroethene	9.359	130	20191	5.372	ug/l	93
45) 1,2-Dichloropropane	9.624	63	16500	5.140	ug/l	94
46) Dibromomethane	9.712	93	12470	5.181	ug/l	99
47) Bromodichloromethane	9.888	83	22811	4.897	ug/l	96
48) Methyl methacrylate	9.683	41	13034	4.889	ug/l	94
49) 1,4-Dioxane	9.700	88	5805	100.635	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	82826	24.178	ug/l	98
52) Toluene	10.630	92	45133	5.108	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	20705	4.657	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	23719	4.691	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	17237	5.133	ug/l	98
56) Ethyl methacrylate	10.871	69	20612	4.698	ug/l	99
57) 1,3-Dichloropropane	11.165	76	27308	5.035	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	35150	23.865	ug/l	97
59) 2-Hexanone	11.194	43	58678	23.814	ug/l	97
60) Dibromochloromethane	11.359	129	17345	4.721	ug/l	97
61) 1,2-Dibromoethane	11.471	107	16910	4.972	ug/l	100
64) Tetrachloroethene	11.106	164	22378	5.668	ug/l	83
65) Chlorobenzene	11.894	112	46492	4.966	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.959	131	17302	4.969	ug/l	98
67) Ethyl Benzene	11.965	91	76316	4.742	ug/l	98
68) m/p-Xylenes	12.071	106	60599	9.532	ug/l	97
69) o-Xylene	12.400	106	29957	4.806	ug/l	99
70) Styrene	12.412	104	46371	4.700	ug/l	99
71) Bromoform	12.582	173	11267	4.466	ug/l #	93
73) Isopropylbenzene	12.700	105	74523	4.983	ug/l	100
74) N-amyl acetate	12.494	43	19438	4.608	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	21717	4.941	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	26437	6.555	ug/l	90
77) Bromobenzene	12.982	156	18956	5.081	ug/l	97
78) n-propylbenzene	13.041	91	79976	4.838	ug/l	99
79) 2-Chlorotoluene	13.129	91	53822	5.227	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	64076	5.092	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	5783	4.909	ug/l	94
82) 4-Chlorotoluene	13.129	91	53822	5.227	ug/l	98
83) tert-Butylbenzene	13.435	119	55983	4.988	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	61140	4.975	ug/l	98
85) sec-Butylbenzene	13.618	105	75118	4.909	ug/l	98
86) p-Isopropyltoluene	13.735	119	59629	4.775	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	33174	4.851	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	34098	5.024	ug/l	94
89) n-Butylbenzene	14.059	91	44065	4.458	ug/l	99
90) Hexachloroethane	14.335	117	10573	4.809	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	34611	5.021	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	3560	4.863	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	12787	4.326	ug/l	89
94) Hexachlorobutadiene	15.500	225	9302	5.168	ug/l	96
95) Naphthalene	15.641	128	33506	4.075	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	12705	4.409	ug/l	97

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

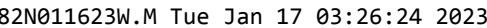
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MSVOA_N
ClientSampleId :
VSTDICC005

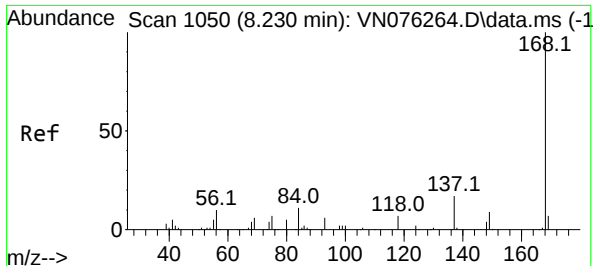
Quant Time: Jan 17 03:26:10 2023
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Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:09:59 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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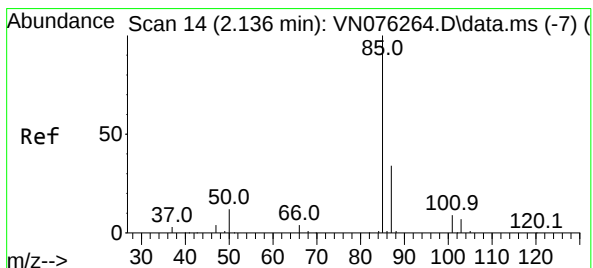
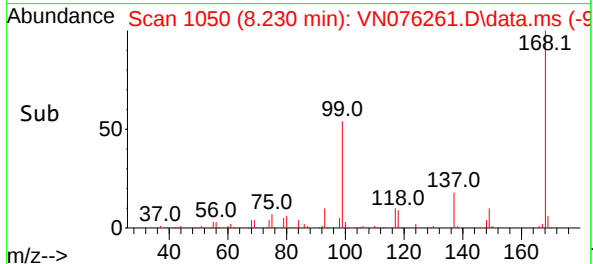
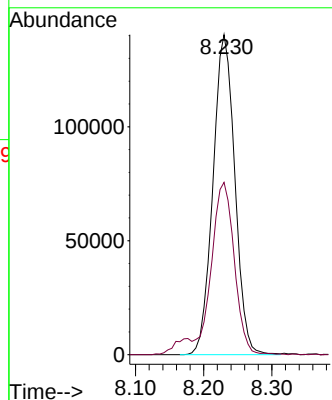
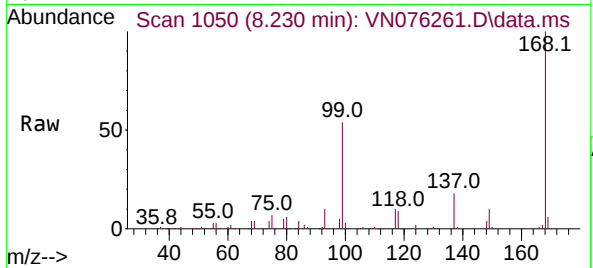




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076261.D
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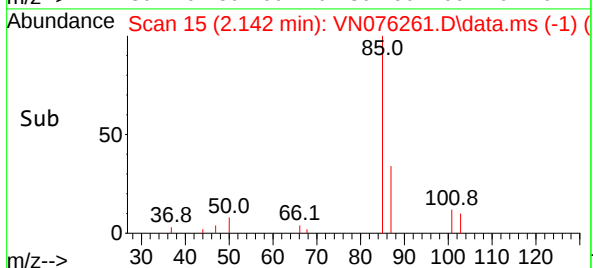
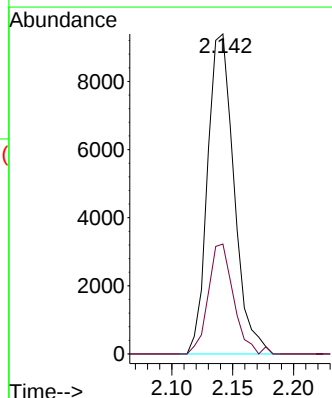
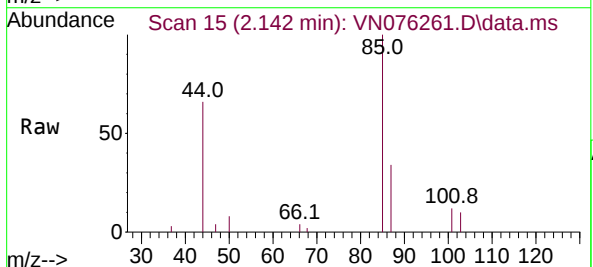
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 314006
Ion Ratio Lower Upper
168 100
99 53.6 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 4.503 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 85 Resp: 14188
Ion Ratio Lower Upper
85 100
87 34.4 17.1 51.2

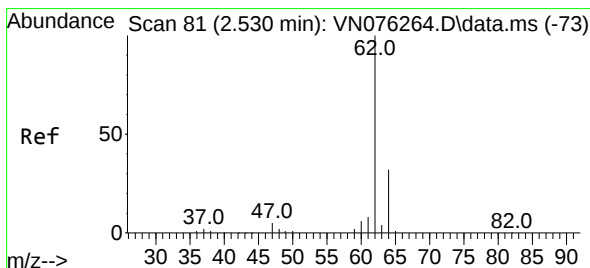
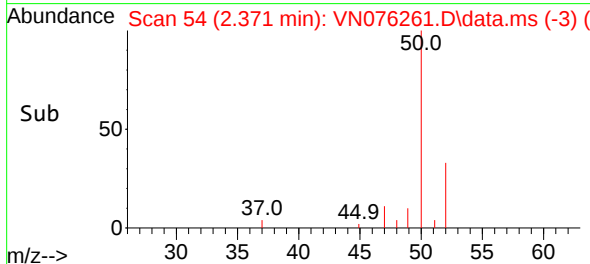
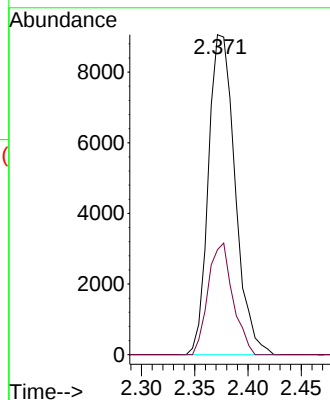
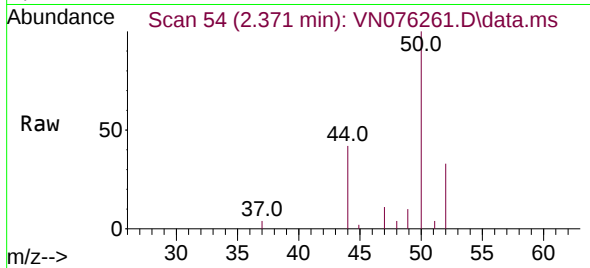




#3
Chloromethane
Concen: 4.696 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

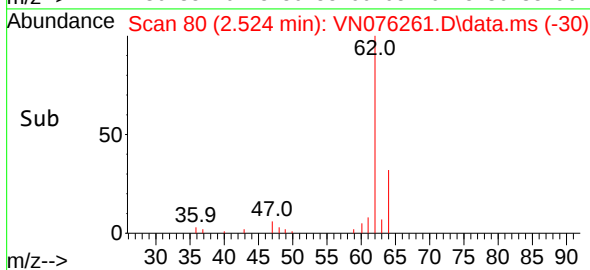
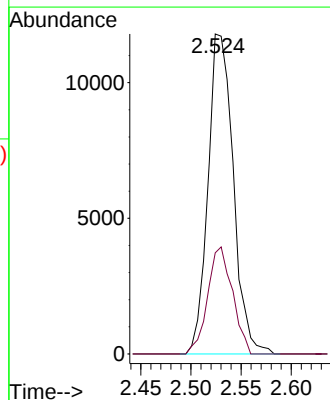
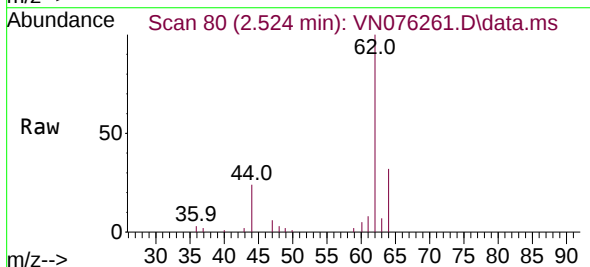
Instrument :
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ClientSampleId :
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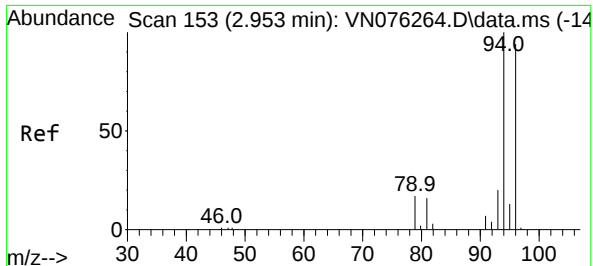
Tgt Ion: 50 Resp: 15794
Ion Ratio Lower Upper
50 100
52 32.8 24.8 37.2



#4
Vinyl Chloride
Concen: 4.983 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 62 Resp: 20666
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6

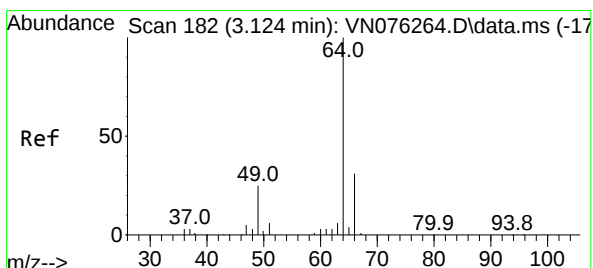
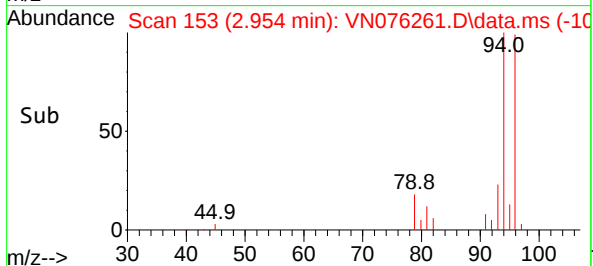
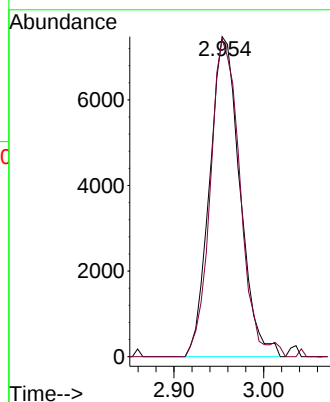
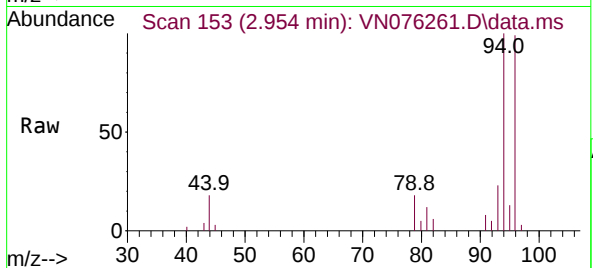




#5
Bromomethane
Concen: 5.237 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

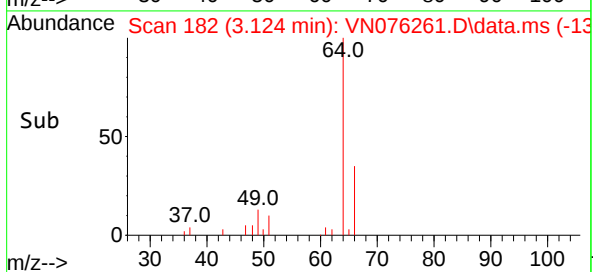
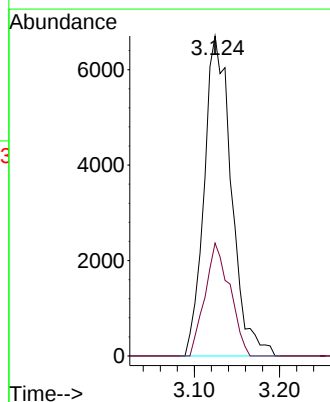
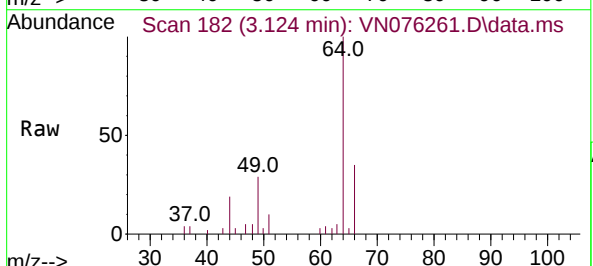
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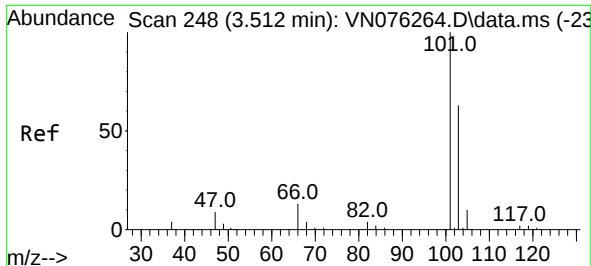
Tgt Ion: 94 Resp: 17519
Ion Ratio Lower Upper
94 100
96 99.3 75.1 112.7



#6
Chloroethane
Concen: 4.909 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 64 Resp: 14904
Ion Ratio Lower Upper
64 100
66 35.3 24.8 37.2

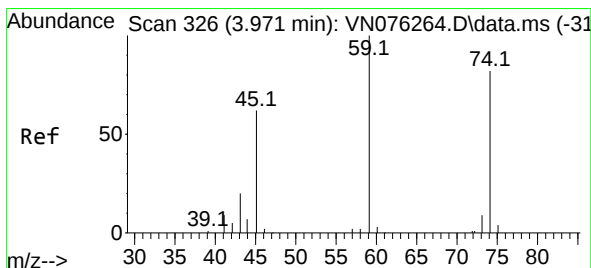
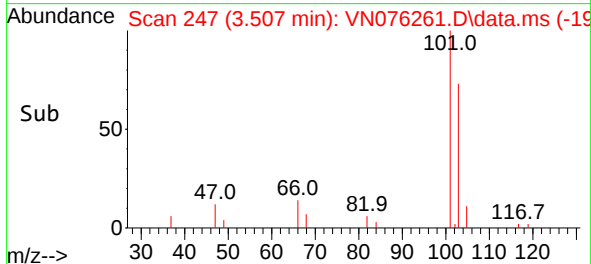
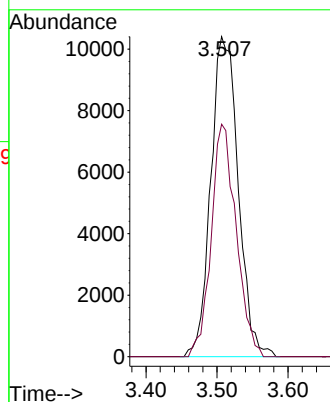
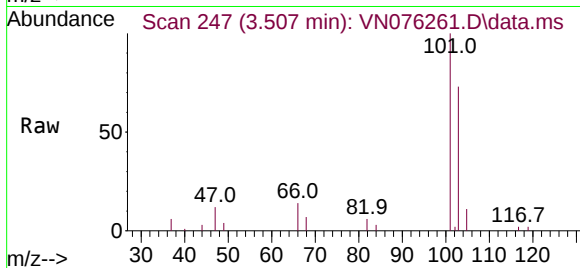




#7
Trichlorofluoromethane
Concen: 4.953 ug/l
RT: 3.507 min Scan# 248
Delta R.T. -0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

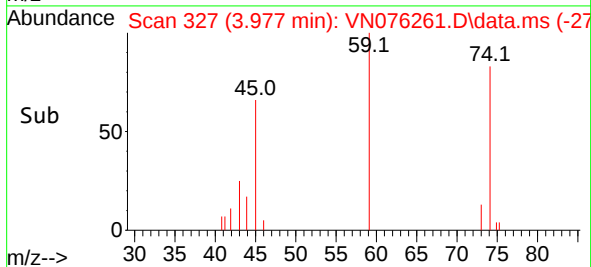
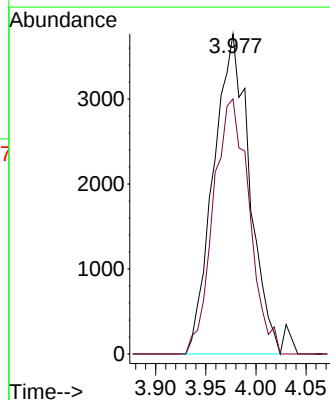
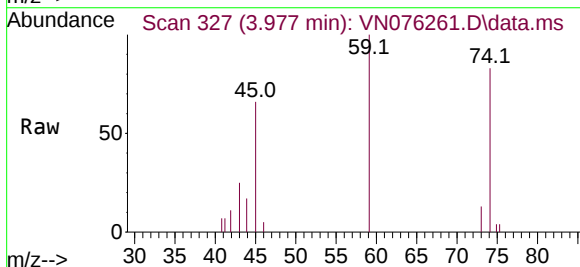
Instrument :
MSVOA_N
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VSTDIC005

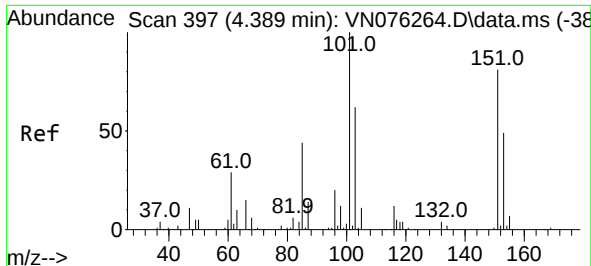
Tgt Ion:101 Resp: 27844
Ion Ratio Lower Upper
101 100
103 72.6 50.2 75.4



#8
Diethyl Ether
Concen: 5.057 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 74 Resp: 9395
Ion Ratio Lower Upper
74 100
45 79.2 37.8 113.3

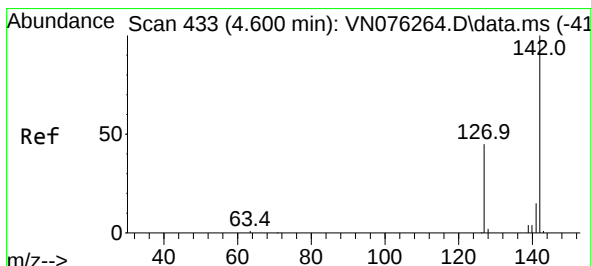
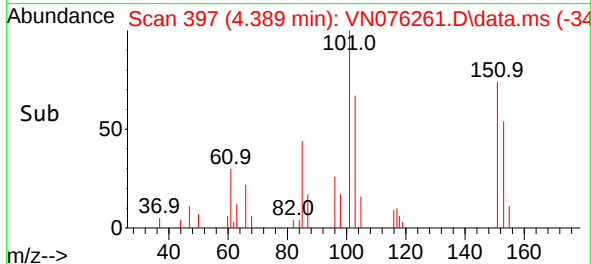
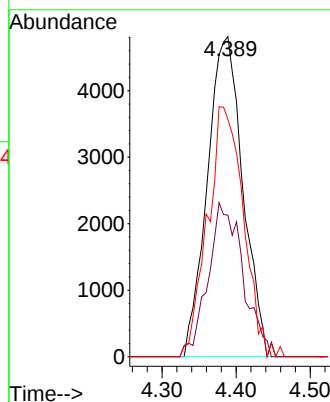
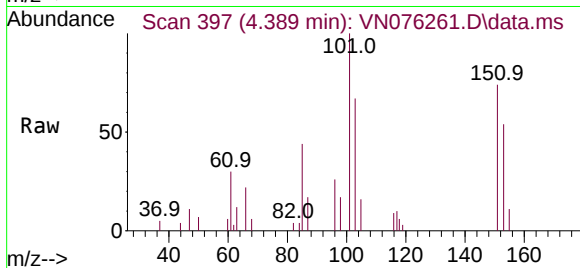




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.104 ug/l
RT: 4.389 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

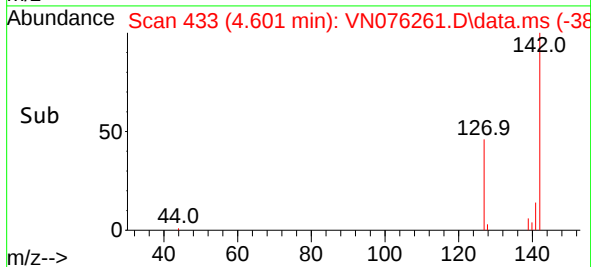
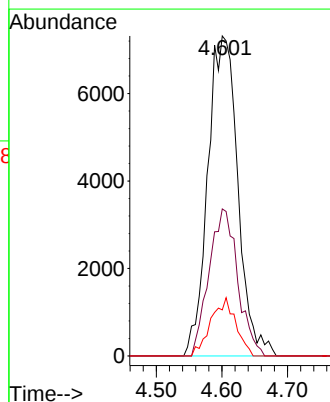
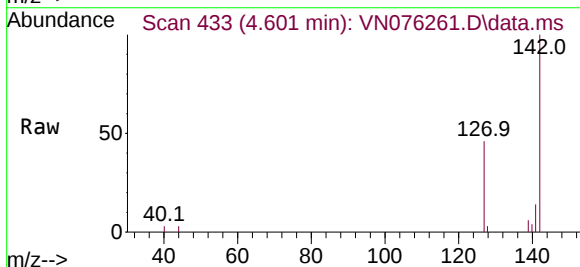
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

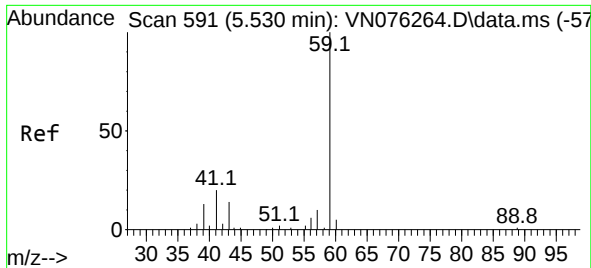
Tgt Ion:	101	Resp:	16038
Ion	Ratio	Lower	Upper
101	100		
85	47.1	35.5	53.3
151	78.7	65.5	98.3



#10
Methyl Iodide
Concen: 4.799 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion:	142	Resp:	23322
Ion	Ratio	Lower	Upper
142	100		
127	43.9	35.0	52.4
141	15.0	11.5	17.3

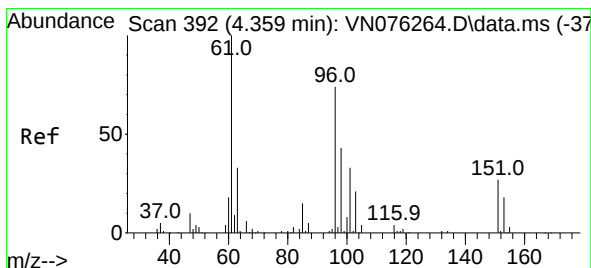
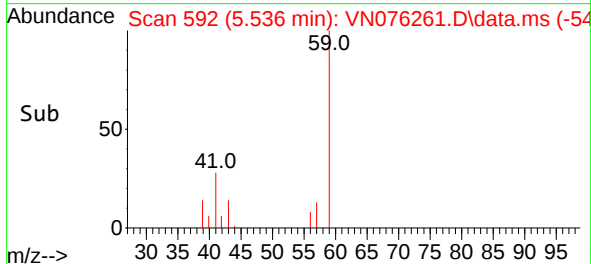
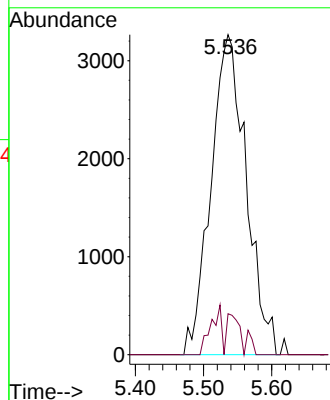
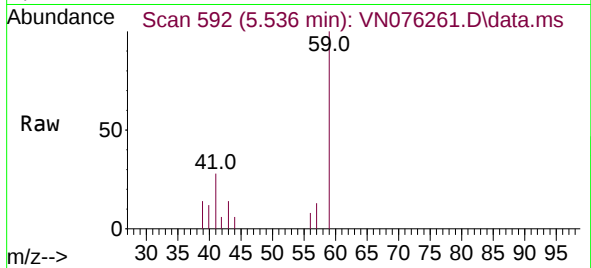




#11
Tert butyl alcohol
Concen: 24.958 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

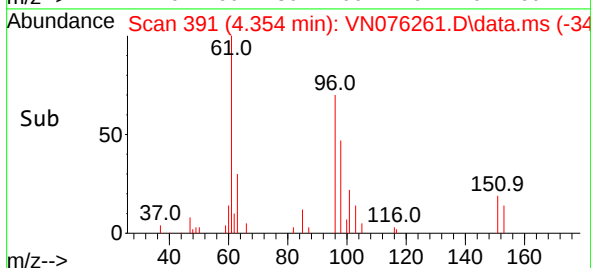
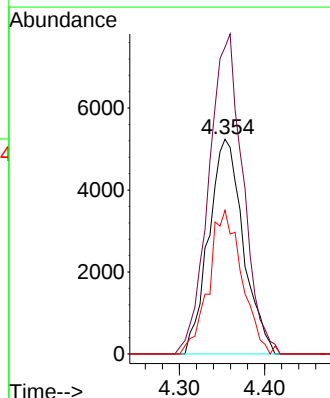
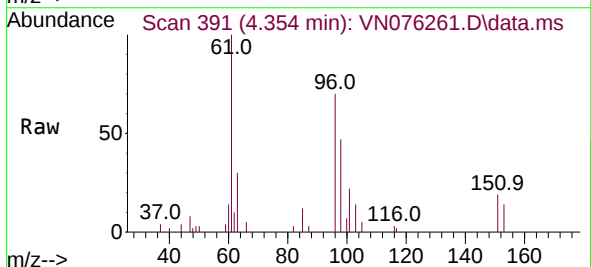
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 11737
Ion Ratio Lower Upper
59 100
57 4.4 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 5.050 ug/l
RT: 4.354 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 96 Resp: 14743
Ion Ratio Lower Upper
96 100
61 142.8 108.2 162.4
98 66.9 47.0 70.6

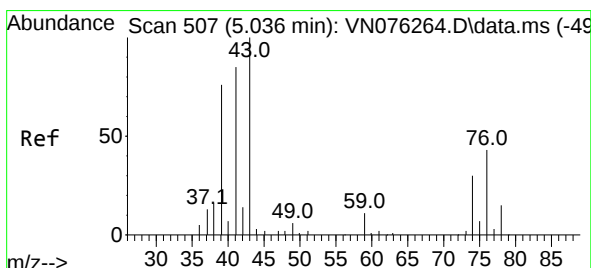
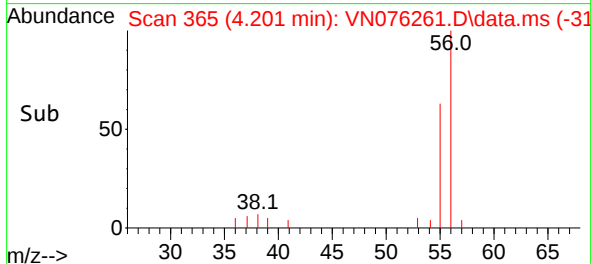
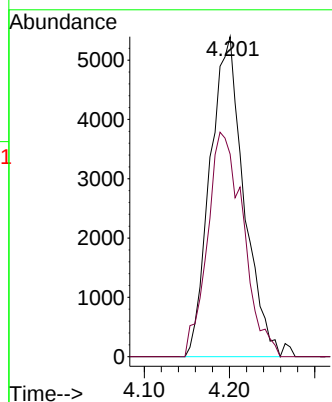
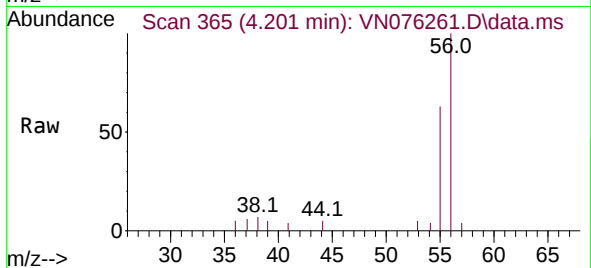




#13
Acrolein
Concen: 26.442 ug/l
RT: 4.201 min Scan# 365
Delta R.T. 0.012 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

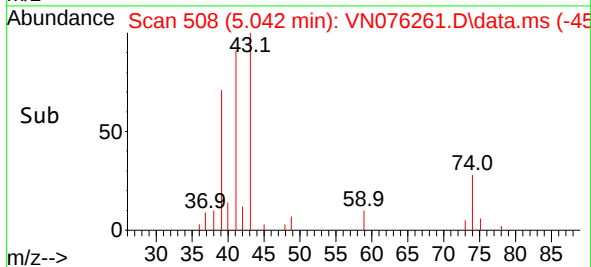
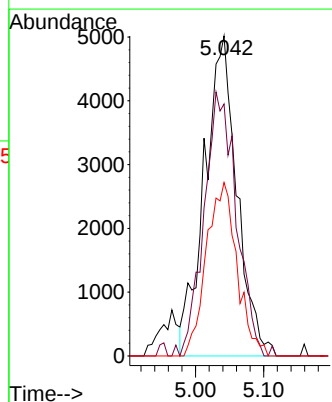
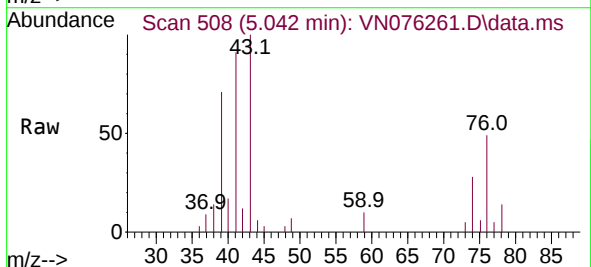
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

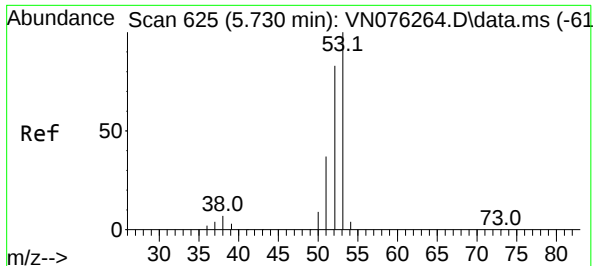
Tgt Ion: 56 Resp: 14871
Ion Ratio Lower Upper
56 100
55 74.4 55.8 83.6



#14
Allyl chloride
Concen: 4.866 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 41 Resp: 16664
Ion Ratio Lower Upper
41 100
39 81.9 67.4 101.0
76 50.9 39.8 59.8





#15

Acrylonitrile

Concen: 24.631 ug/l

RT: 5.730 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

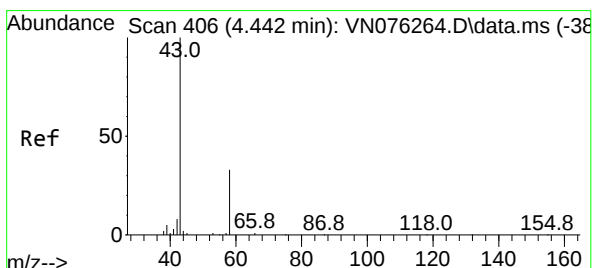
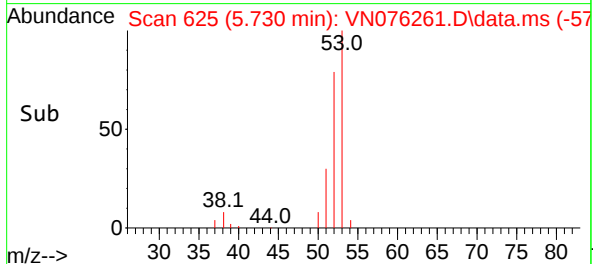
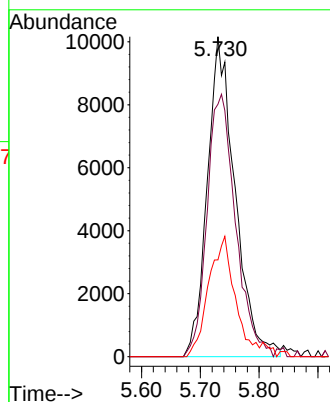
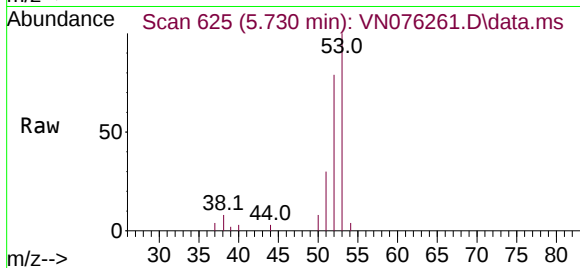
Tgt Ion: 53 Resp: 33308

Ion Ratio Lower Upper

53 100

52 84.3 64.7 97.1

51 35.7 29.2 43.8



#16

Acetone

Concen: 25.232 ug/l

RT: 4.448 min Scan# 407

Delta R.T. 0.006 min

Lab File: VN076261.D

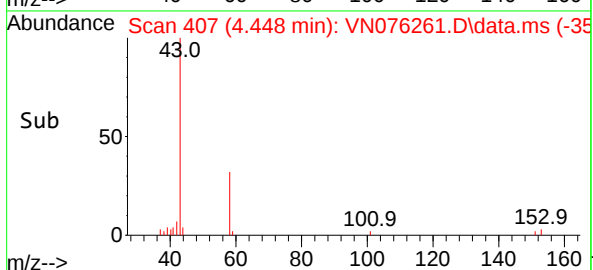
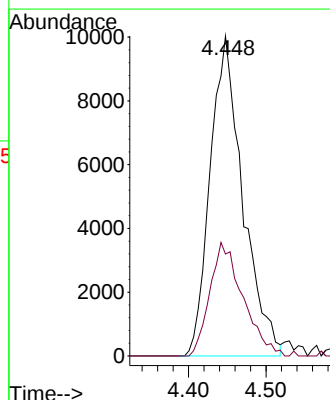
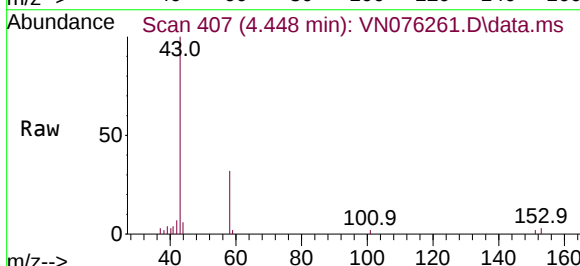
Acq: 16 Jan 2023 10:54

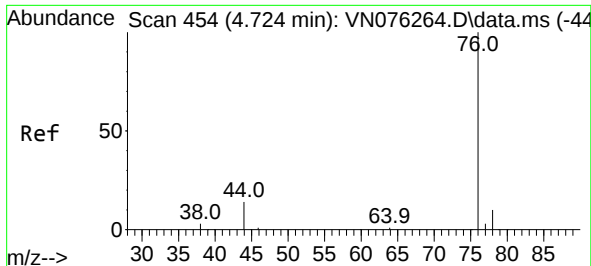
Tgt Ion: 43 Resp: 29331

Ion Ratio Lower Upper

43 100

58 31.8 26.7 40.1

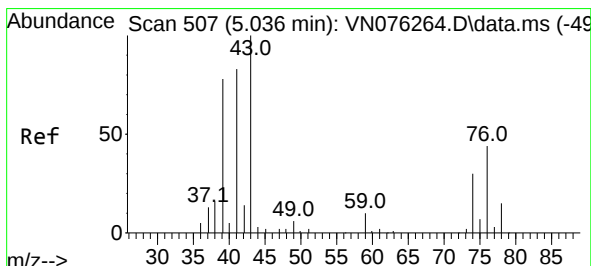
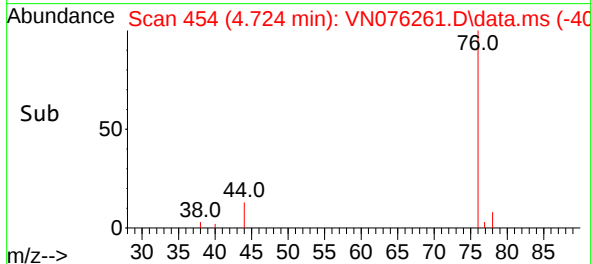
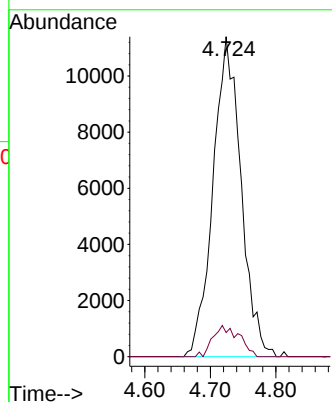
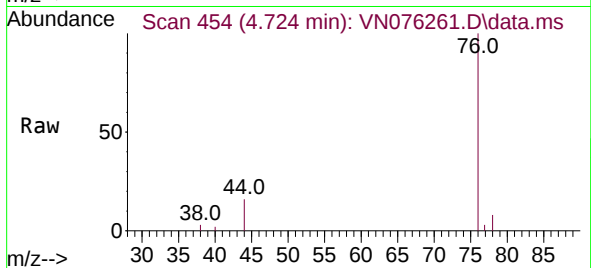




#17
Carbon Disulfide
Concen: 4.585 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

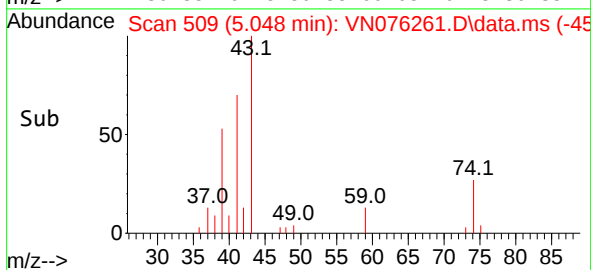
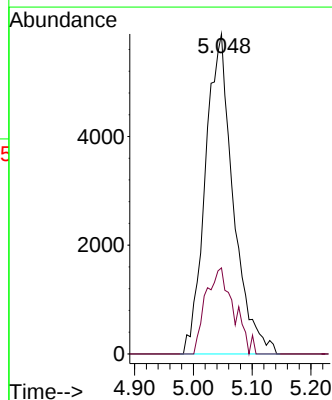
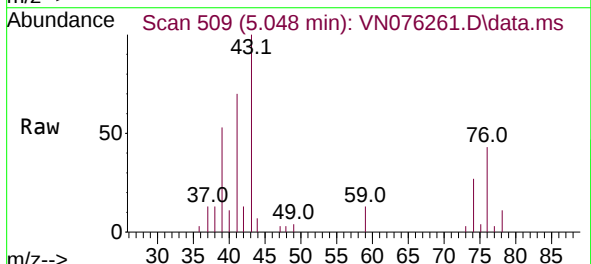
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

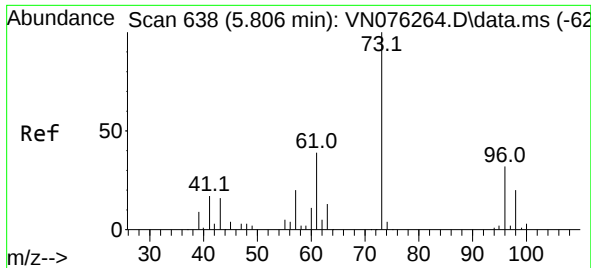
Tgt Ion: 76 Resp: 33691
Ion Ratio Lower Upper
76 100
78 7.6 8.0 12.0#



#18
Methyl Acetate
Concen: 5.113 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 43 Resp: 19408
Ion Ratio Lower Upper
43 100
74 26.8 23.3 34.9

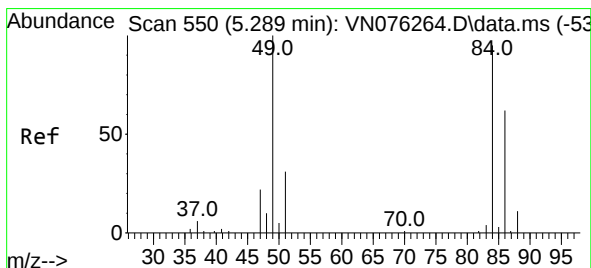
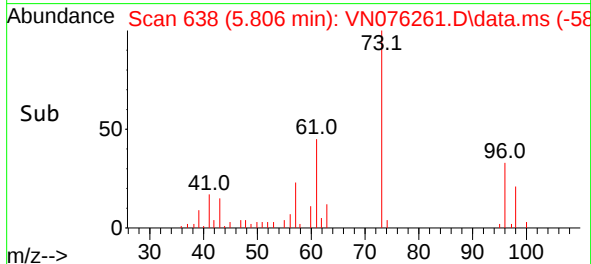
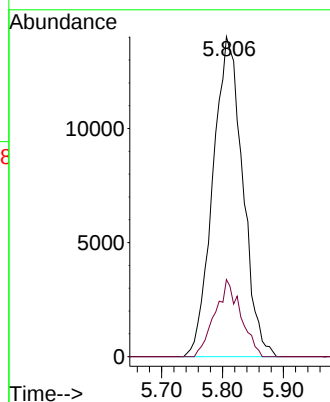
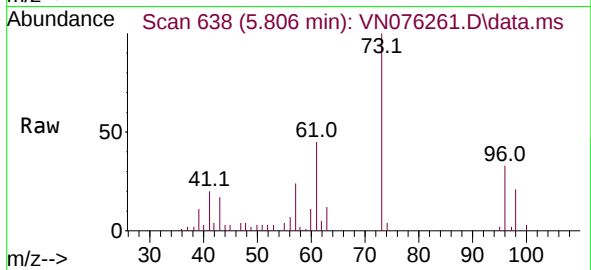




#19
Methyl tert-butyl Ether
Concen: 4.904 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

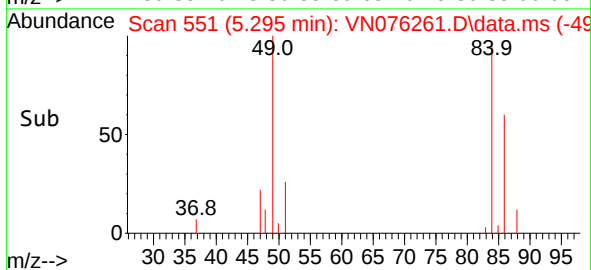
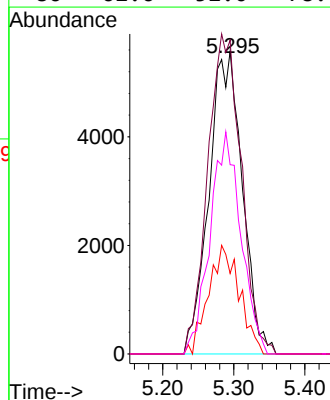
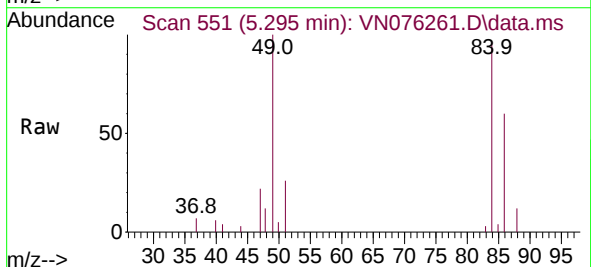
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

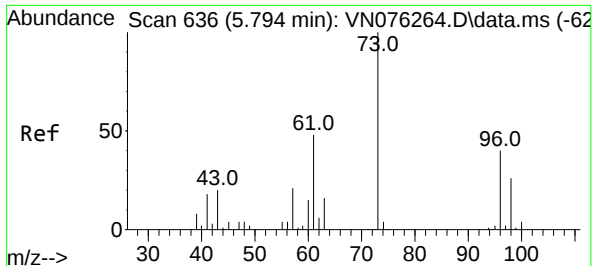
Tgt Ion: 73 Resp: 47650
Ion Ratio Lower Upper
73 100
57 24.1 15.9 23.9#



#20
Methylene Chloride
Concen: 5.193 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 84 Resp: 18166
Ion Ratio Lower Upper
84 100
49 103.6 84.5 126.7
51 26.6 26.0 39.0
86 62.6 52.0 78.0

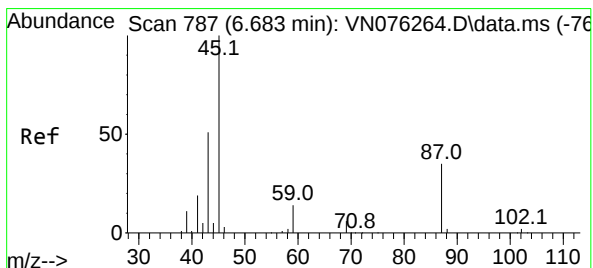
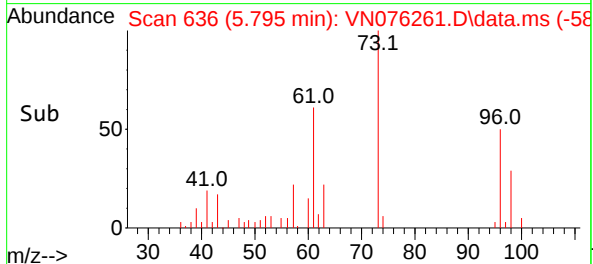
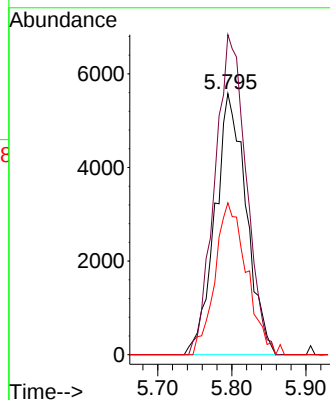
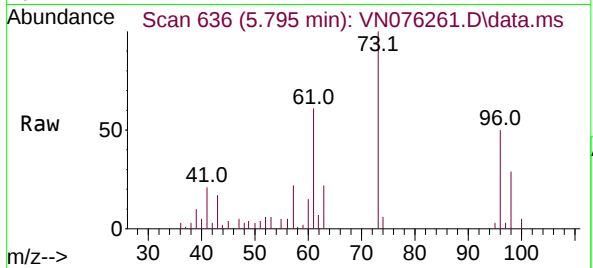




#21
trans-1,2-Dichloroethene
Concen: 5.063 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

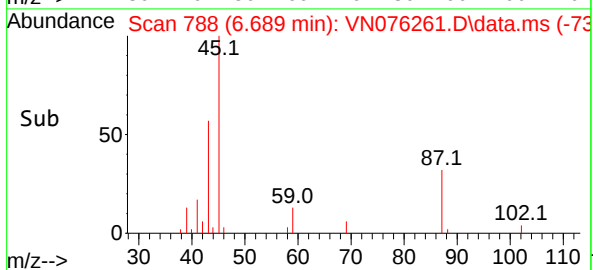
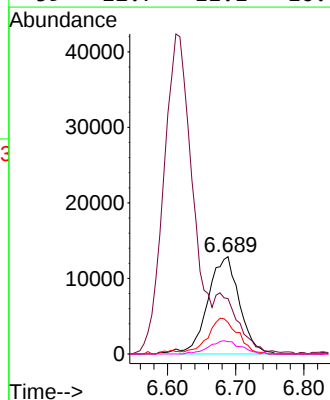
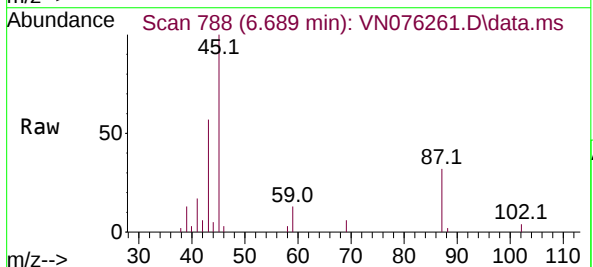
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

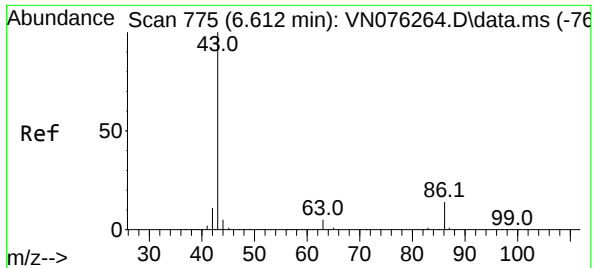
Tgt Ion: 96 Resp: 16342
Ion Ratio Lower Upper
96 100
61 122.6 97.0 145.4
98 58.2 51.9 77.9



#22
Diisopropyl ether
Concen: 4.899 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 45 Resp: 40879
Ion Ratio Lower Upper
45 100
43 55.4 44.4 66.6
87 32.5 28.4 42.6
59 12.7 11.1 16.7

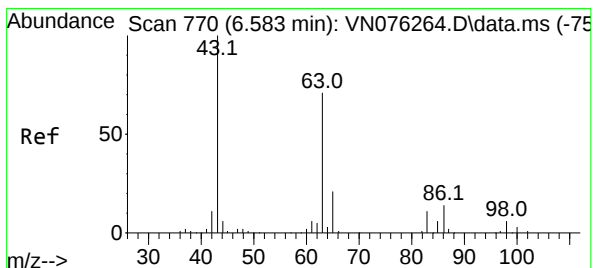
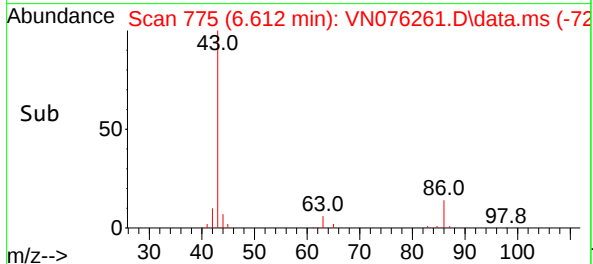
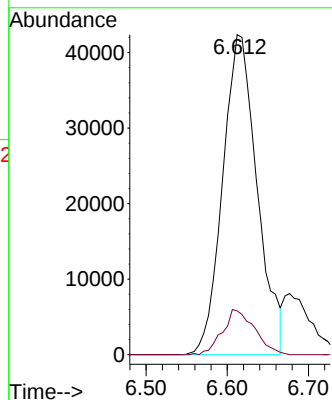
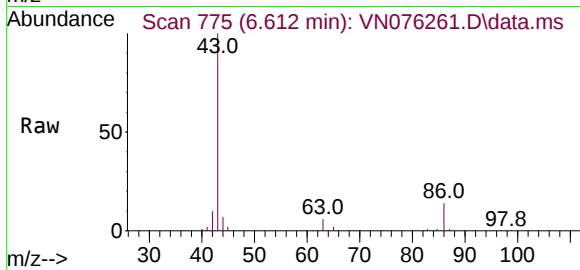




#23
 Vinyl Acetate
 Concen: 23.573 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN076261.D
 Acq: 16 Jan 2023 10:54

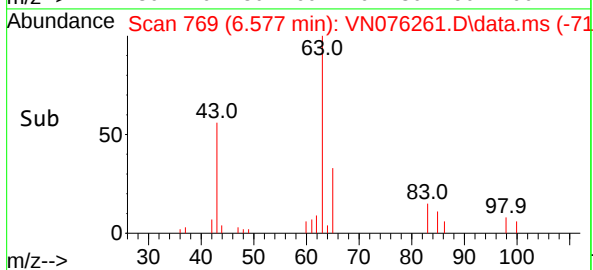
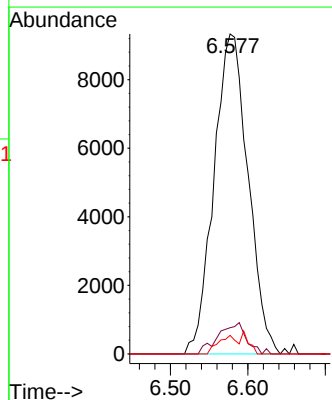
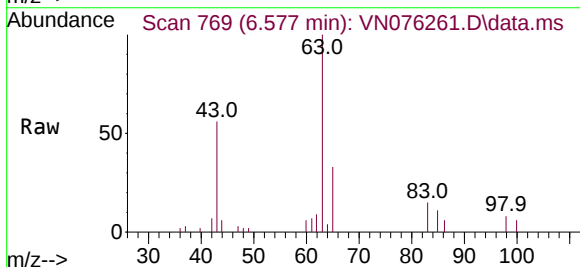
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

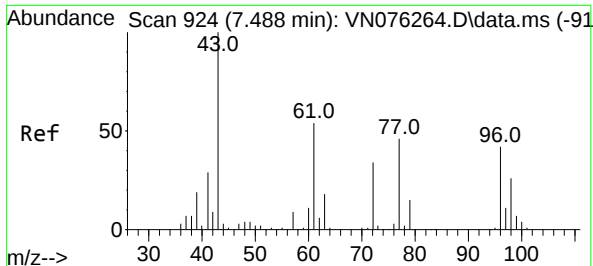
Tgt Ion: 43 Resp: 124869
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 5.103 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076261.D
 Acq: 16 Jan 2023 10:54

Tgt Ion: 63 Resp: 28567
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.7
 100 5.8 2.2 6.6

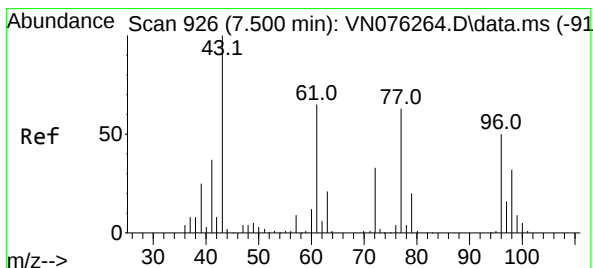
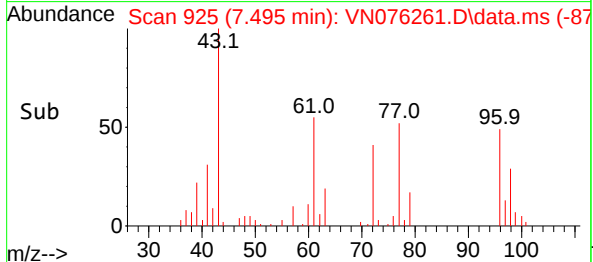
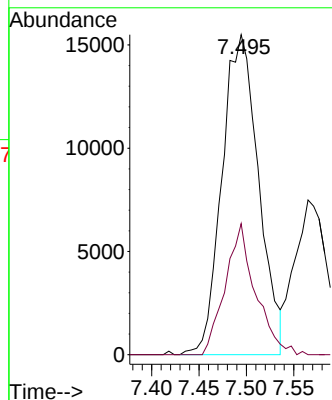
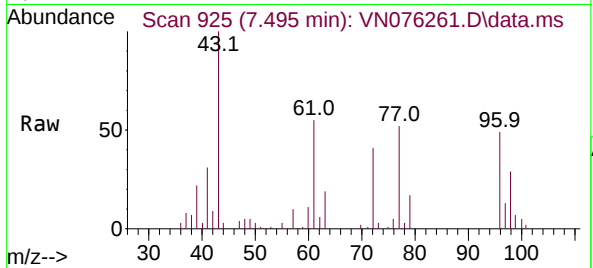




#25
2-Butanone
Concen: 24.632 ug/l
RT: 7.495 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

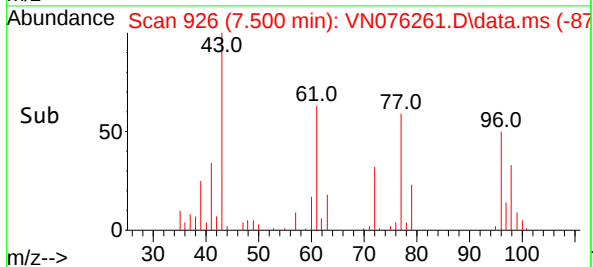
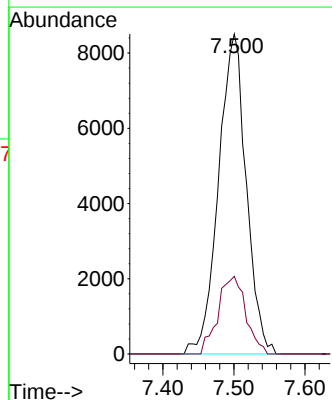
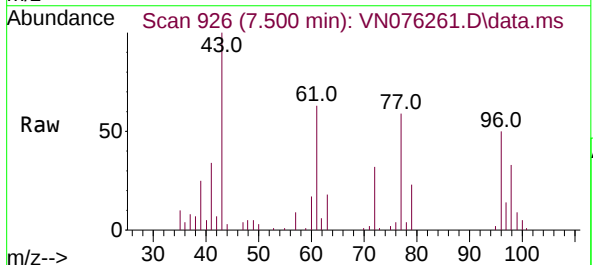
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

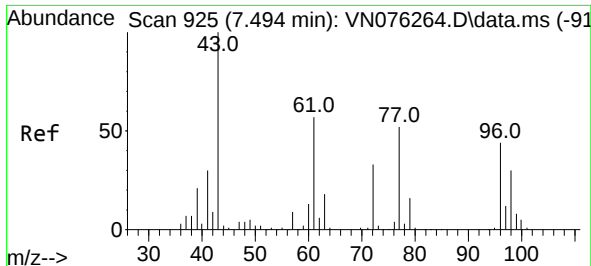
Tgt Ion: 43 Resp: 41677
Ion Ratio Lower Upper
43 100
72 40.9 27.4 41.2



#26
2,2-Dichloropropane
Concen: 4.817 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 77 Resp: 23021
Ion Ratio Lower Upper
77 100
97 24.3 11.8 35.4



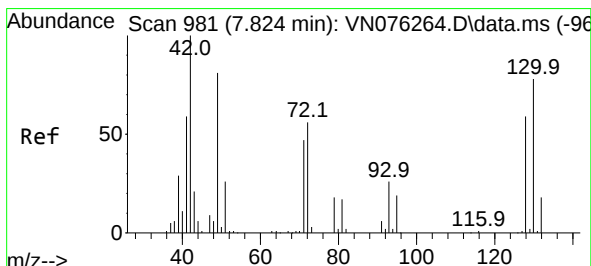
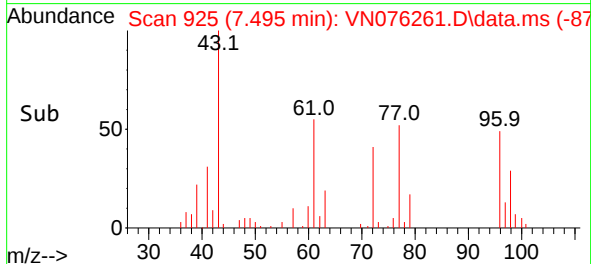
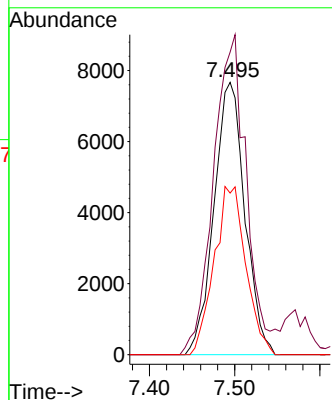
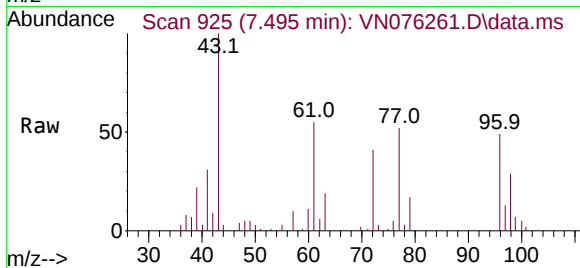


#27
 cis-1,2-Dichloroethene
 Concen: 5.077 ug/l
 RT: 7.495 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076261.D
 Acq: 16 Jan 2023 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 19315

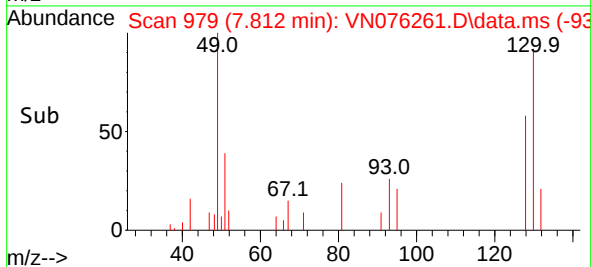
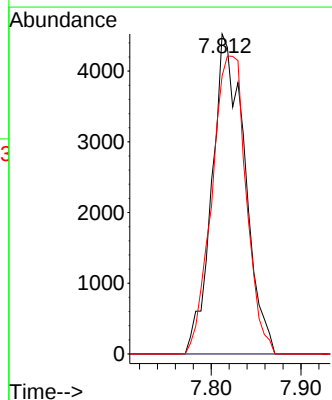
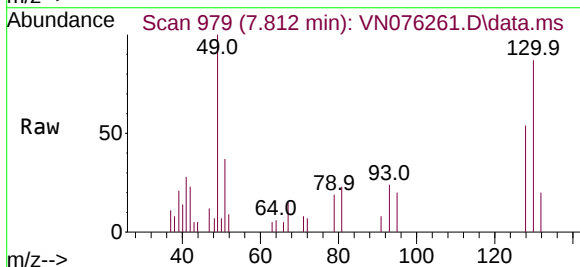
Ion	Ratio	Lower	Upper
96	100		
61	123.8	0.0	259.6
98	63.4	0.0	129.4

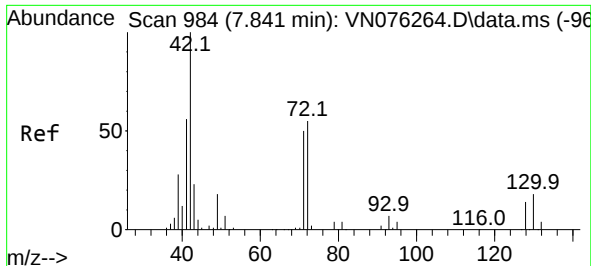


#28
 Bromochloromethane
 Concen: 5.055 ug/l
 RT: 7.812 min Scan# 979
 Delta R.T. -0.012 min
 Lab File: VN076261.D
 Acq: 16 Jan 2023 10:54

Tgt Ion: 49 Resp: 11418

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.2
130	97.6	76.0	114.0





#29

Tetrahydrofuran

Concen: 24.110 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

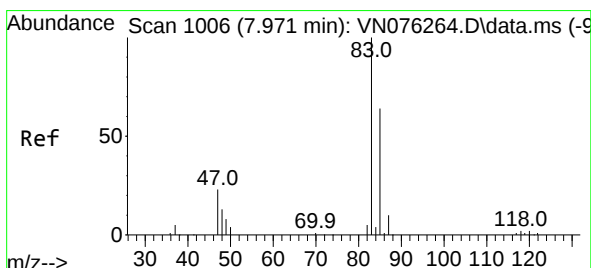
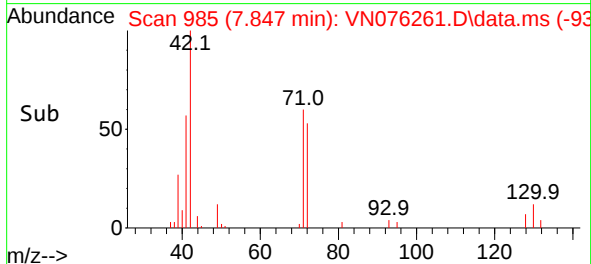
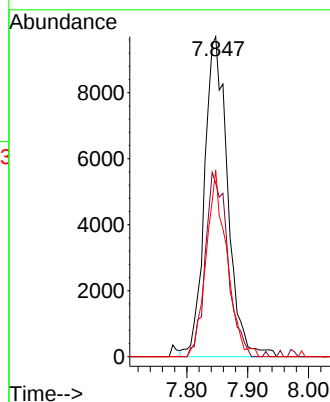
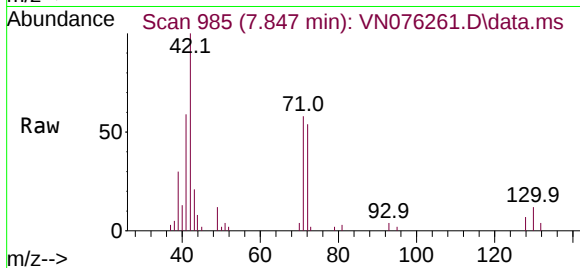
Tgt Ion: 42 Resp: 25626

Ion Ratio Lower Upper

42 100

72 55.5 44.0 66.0

71 52.2 41.1 61.7



#30

Chloroform

Concen: 4.870 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN076261.D

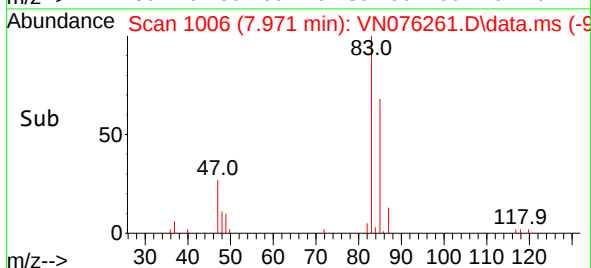
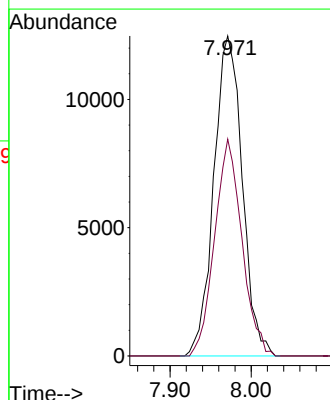
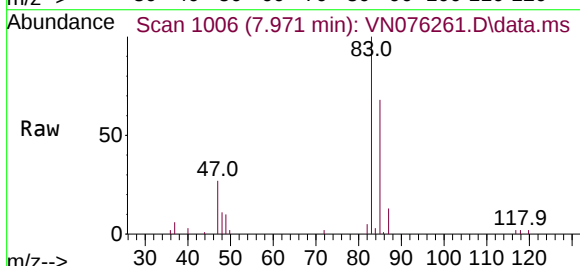
Acq: 16 Jan 2023 10:54

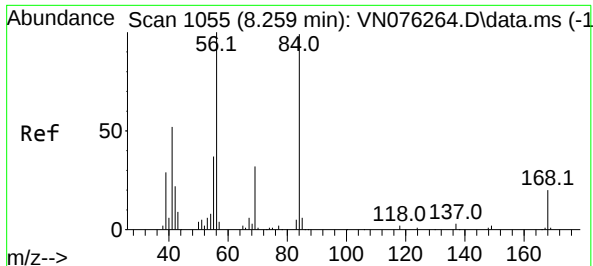
Tgt Ion: 83 Resp: 30329

Ion Ratio Lower Upper

83 100

85 67.7 51.0 76.6

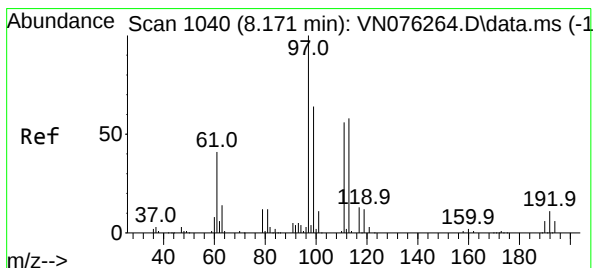
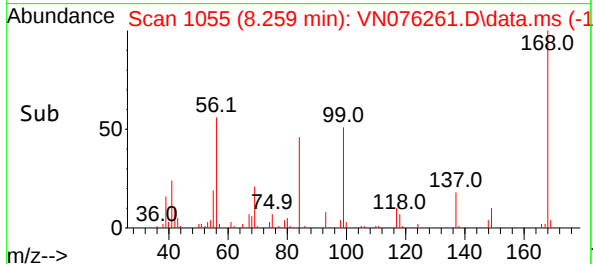
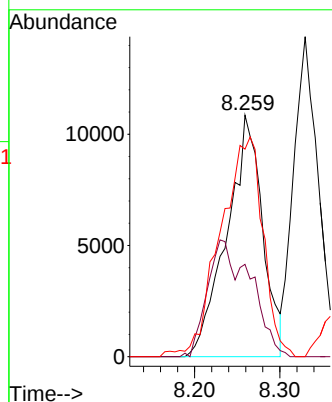
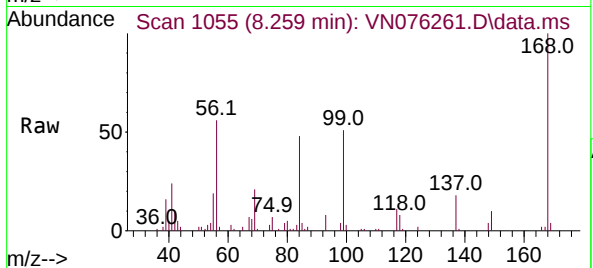




#31
Cyclohexane
Concen: 5.856 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

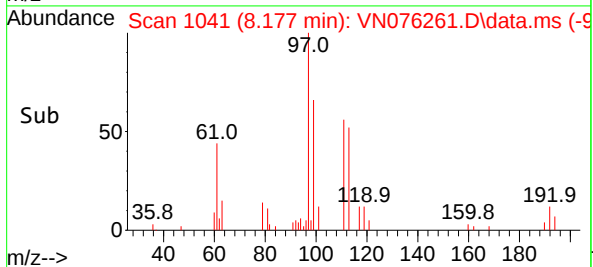
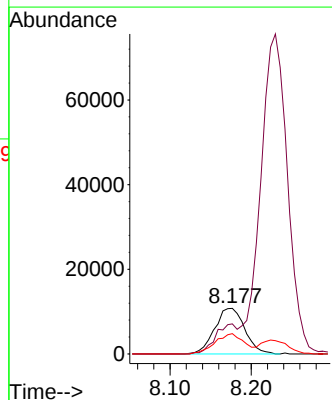
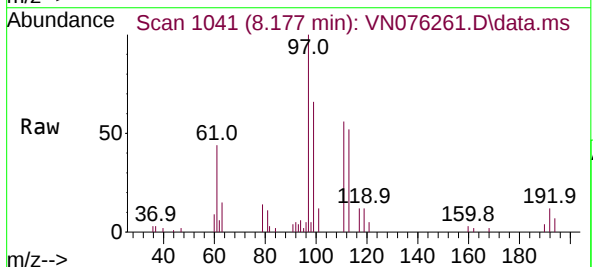
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 31629
Ion Ratio Lower Upper
56 100
69 38.2 25.8 38.8
84 83.3 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 5.010 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 97 Resp: 27800
Ion Ratio Lower Upper
97 100
99 48.1 55.0 82.4#
61 42.1 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 5.219 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

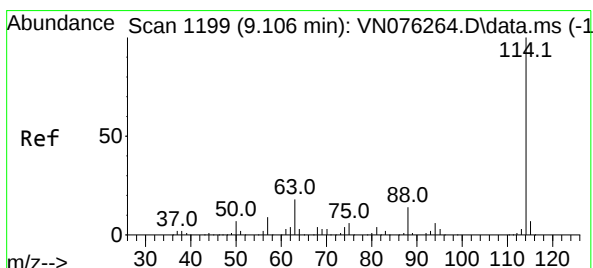
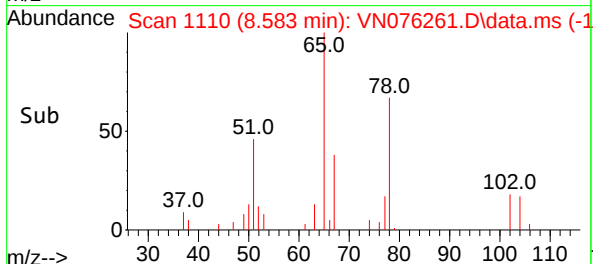
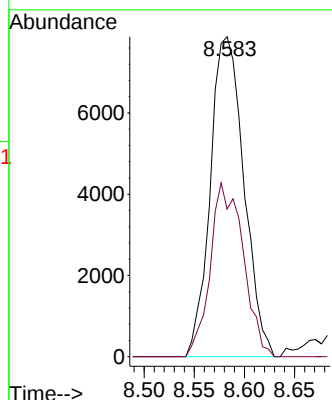
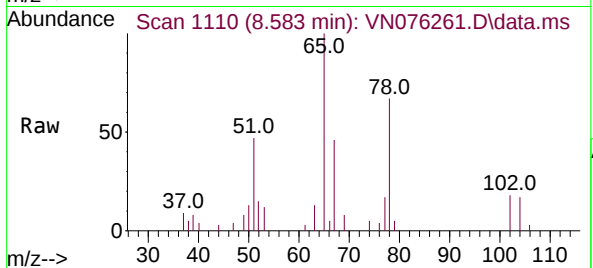
VSTDIC005

Tgt Ion: 65 Resp: 18348

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

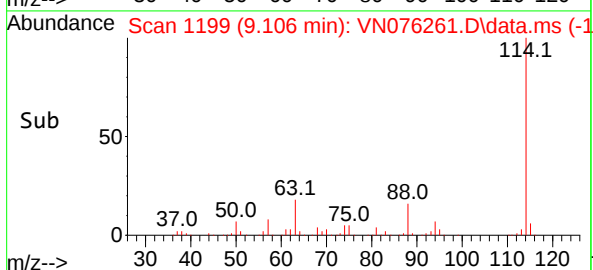
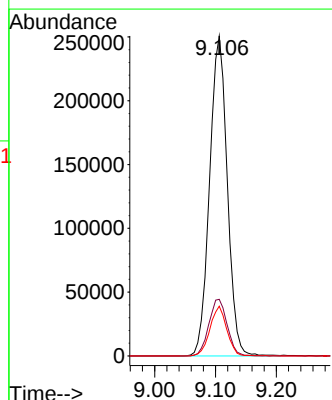
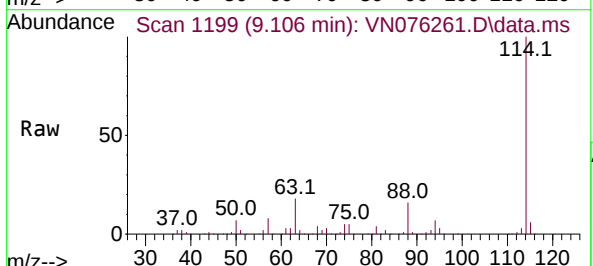
Tgt Ion: 114 Resp: 506719

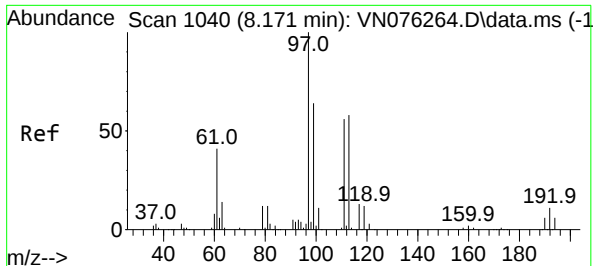
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.8

88 15.5 0.0 28.0





#35

Dibromofluoromethane

Concen: 5.284 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

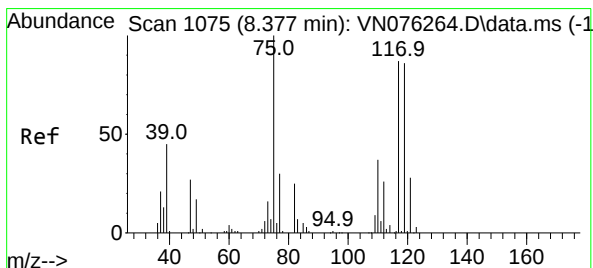
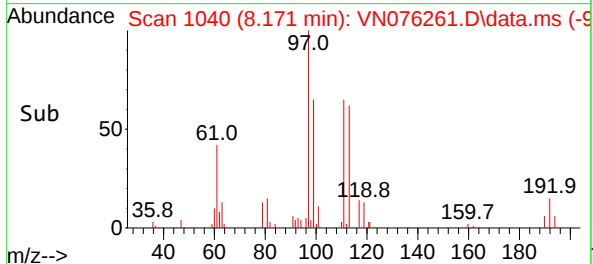
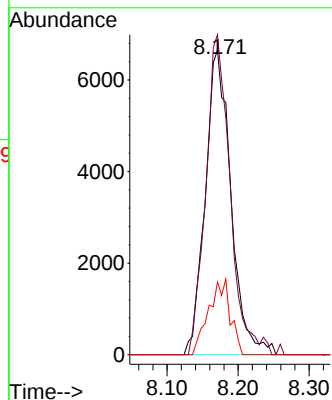
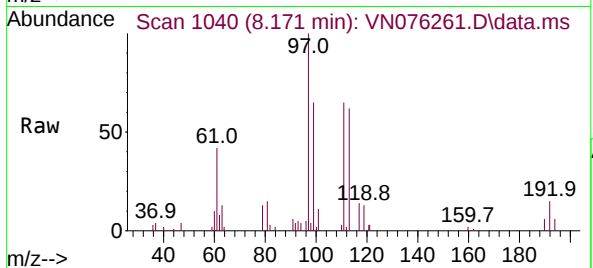
Tgt Ion:113 Resp: 16750

Ion Ratio Lower Upper

113 100

111 99.7 82.7 124.1

192 20.8 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.990 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

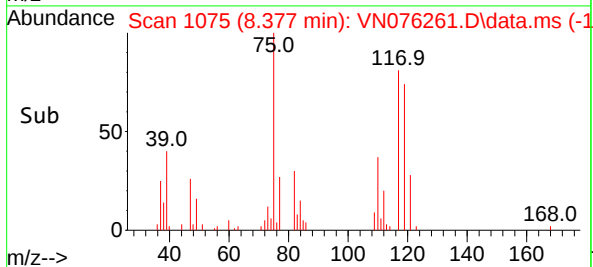
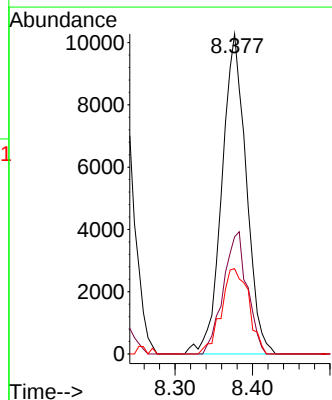
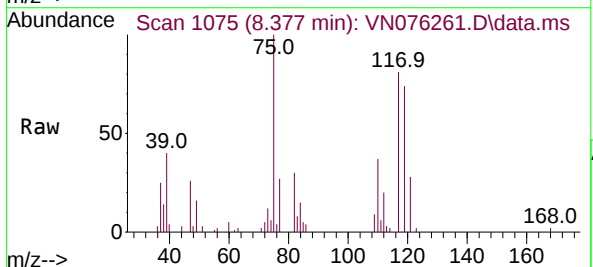
Tgt Ion: 75 Resp: 22426

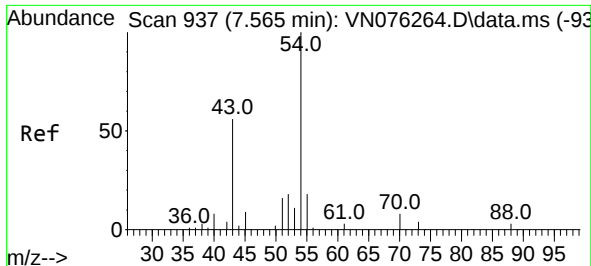
Ion Ratio Lower Upper

75 100

110 37.6 18.8 56.3

77 30.1 25.0 37.4

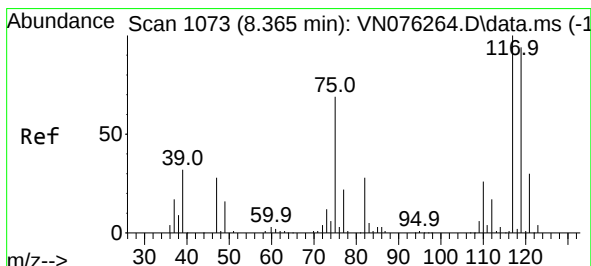
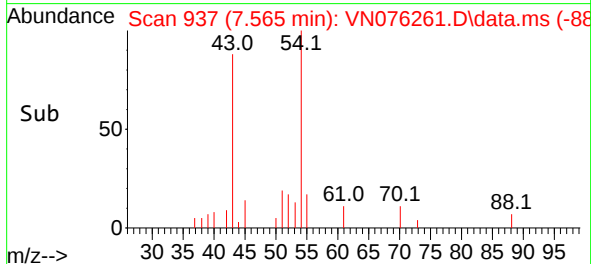
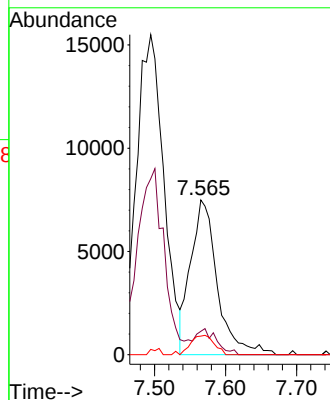
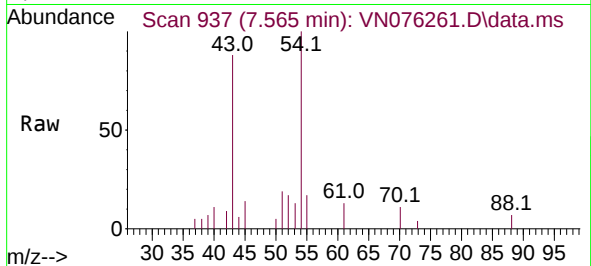




#37
Ethyl Acetate
Concen: 5.507 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

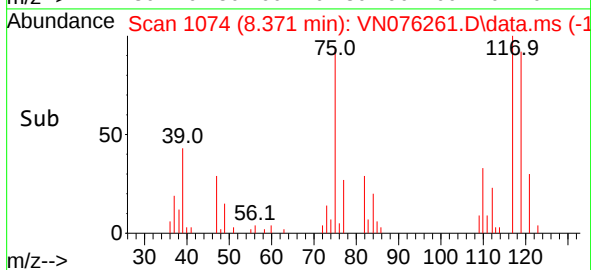
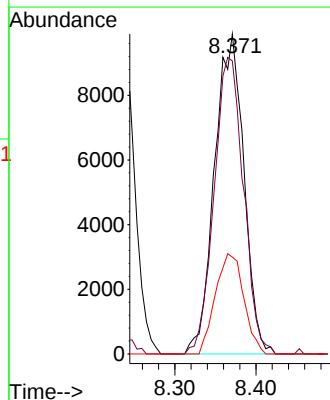
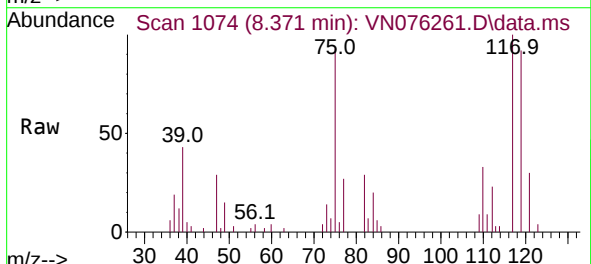
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

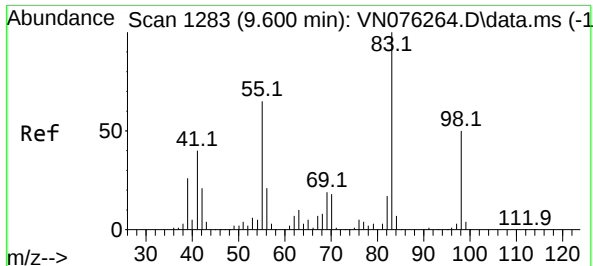
Tgt Ion:	43	Resp:	19638
Ion	Ratio	Lower	Upper
43	100		
61	12.3	11.1	16.7
70	11.1	10.0	15.0



#38
Carbon Tetrachloride
Concen: 4.954 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion:	117	Resp:	24797
Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.4	113.0
121	30.3	24.2	36.2





#39

Methylcyclohexane

Concen: 4.963 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

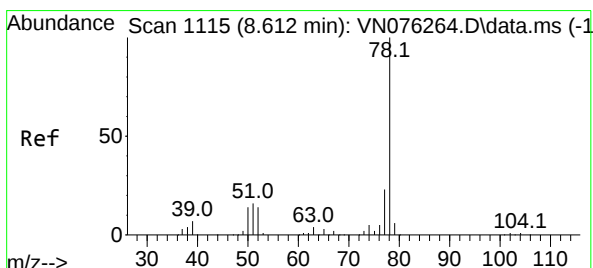
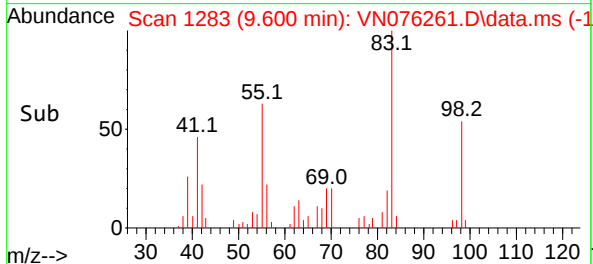
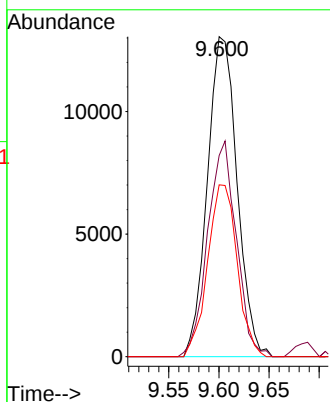
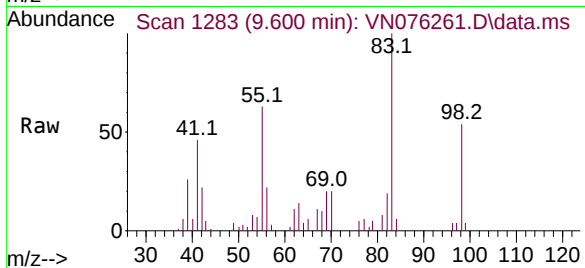
Tgt Ion: 83 Resp: 26978

Ion Ratio Lower Upper

83 100

55 62.9 51.7 77.5

98 53.7 40.0 60.0



#40

Benzene

Concen: 5.018 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076261.D

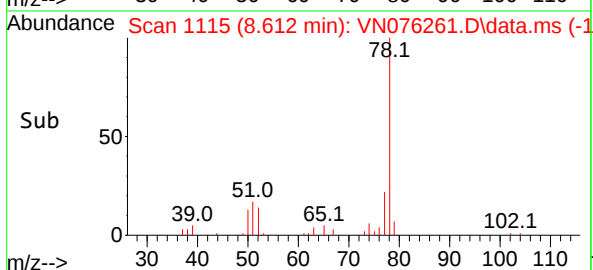
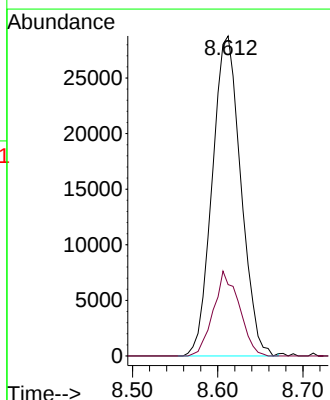
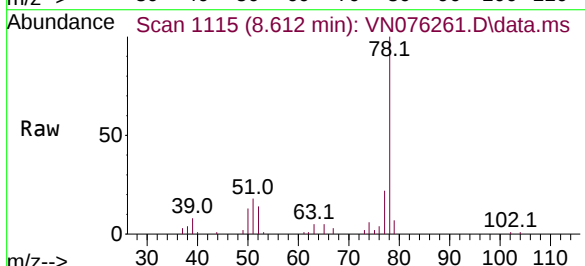
Acq: 16 Jan 2023 10:54

Tgt Ion: 78 Resp: 67142

Ion Ratio Lower Upper

78 100

77 22.3 18.6 28.0

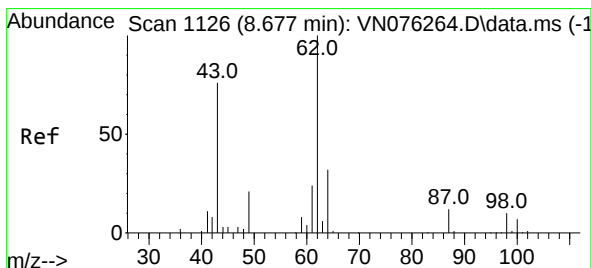
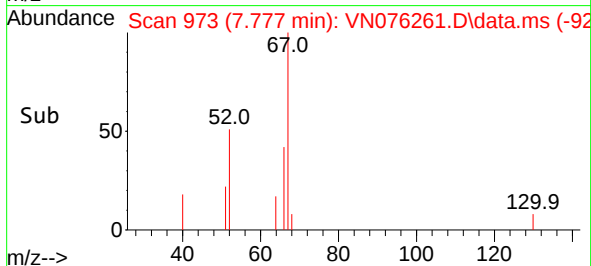
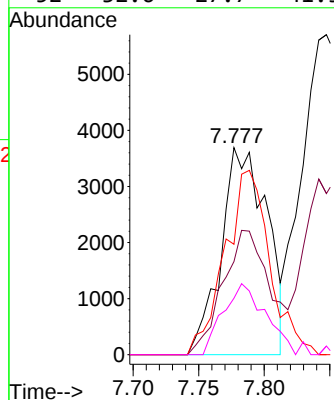
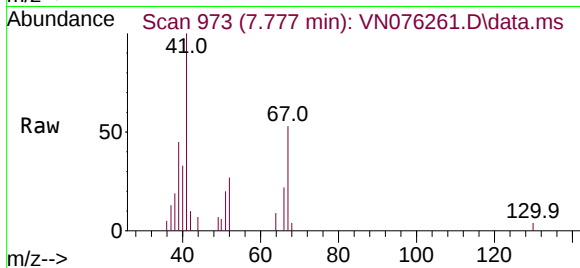




#41
Methacrylonitrile
Concen: 4.891 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

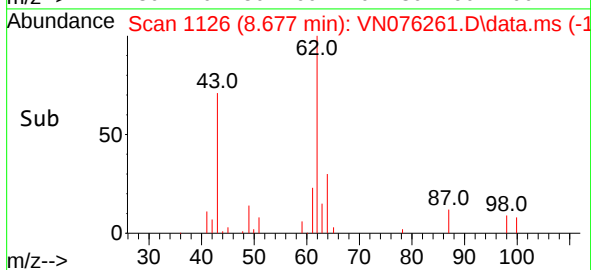
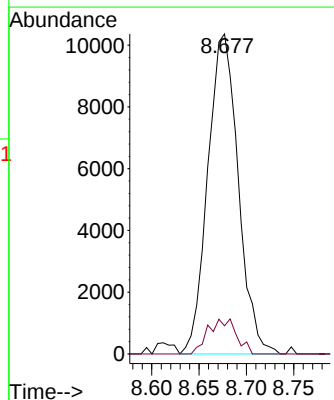
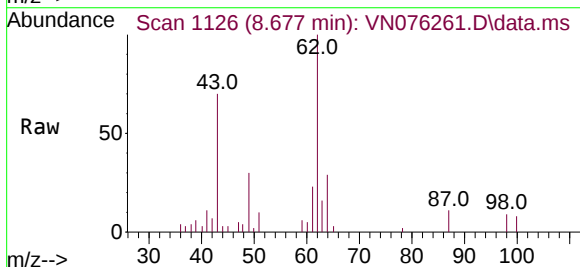
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

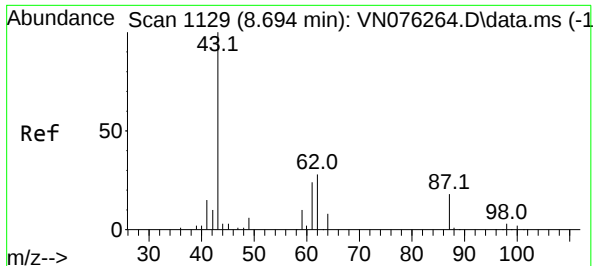
Tgt Ion:	41	Resp:	8986
Ion	Ratio	Lower	Upper
41	100		
39	61.7	42.4	63.6
67	86.8	68.8	103.2
52	32.6	27.7	41.5



#42
1,2-Dichloroethane
Concen: 5.049 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion:	62	Resp:	23219
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 3.744 ug/l

RT: 8.689 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

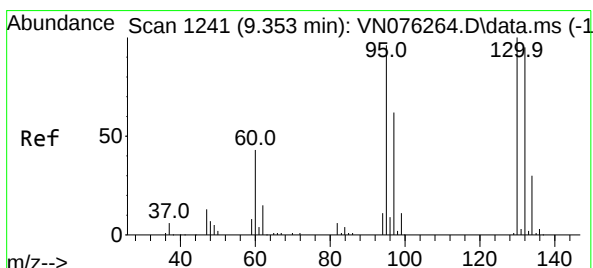
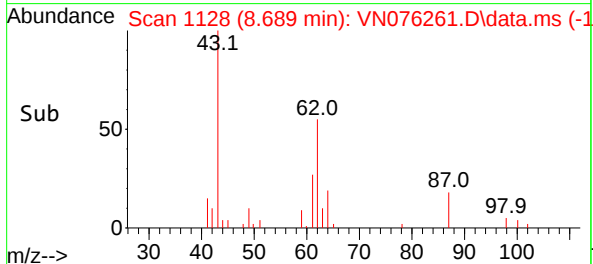
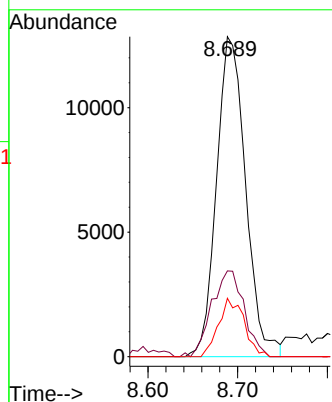
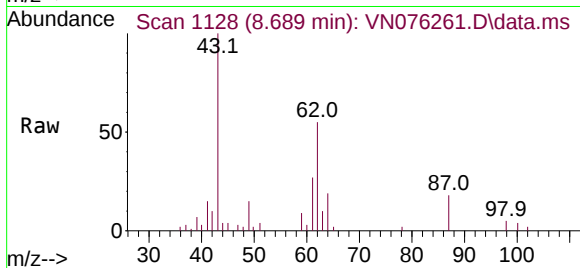
Tgt Ion: 43 Resp: 28939

Ion Ratio Lower Upper

43 100

61 29.8 23.5 35.3

87 16.1 13.8 20.6



#44

Trichloroethene

Concen: 5.372 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. 0.006 min

Lab File: VN076261.D

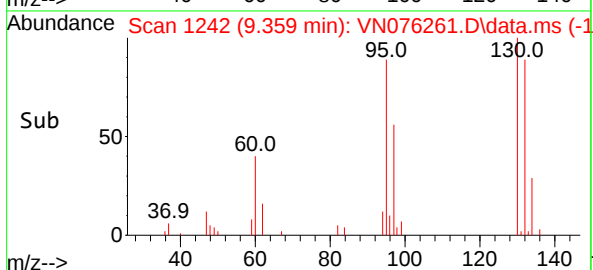
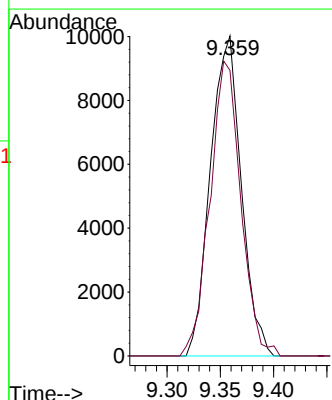
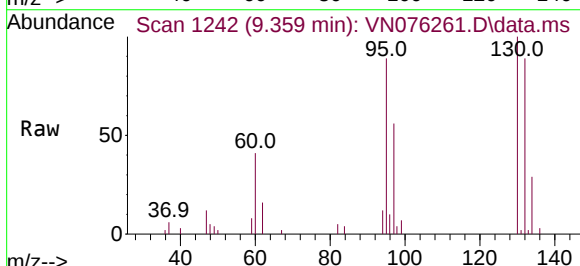
Acq: 16 Jan 2023 10:54

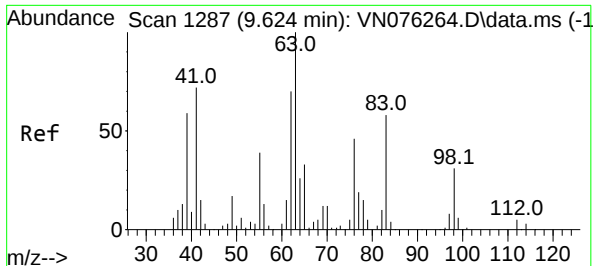
Tgt Ion:130 Resp: 20191

Ion Ratio Lower Upper

130 100

95 89.3 0.0 192.0





#45

1,2-Dichloropropane

Concen: 5.140 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

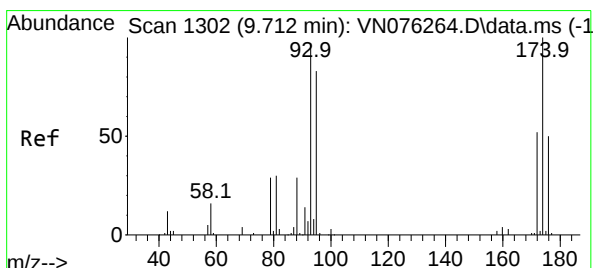
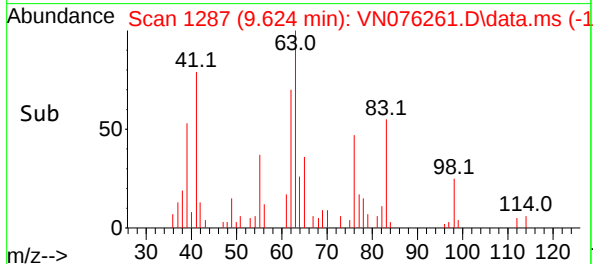
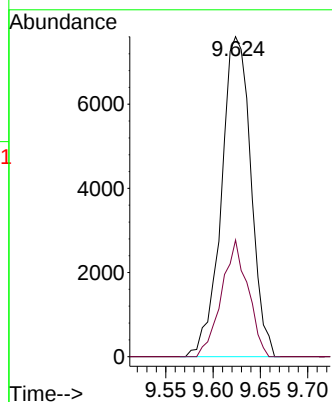
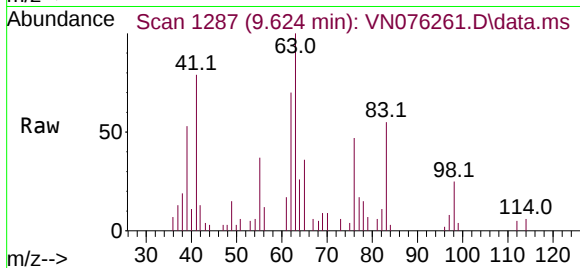
VSTDIC005

Tgt Ion: 63 Resp: 16500

Ion Ratio Lower Upper

63 100

65 36.4 26.4 39.6



#46

Dibromomethane

Concen: 5.181 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

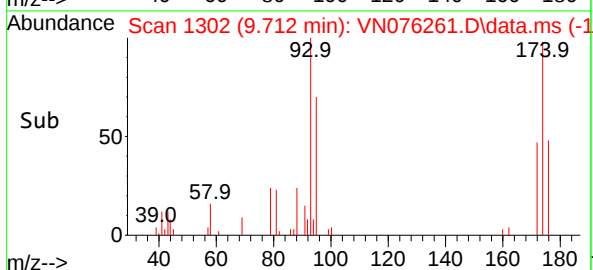
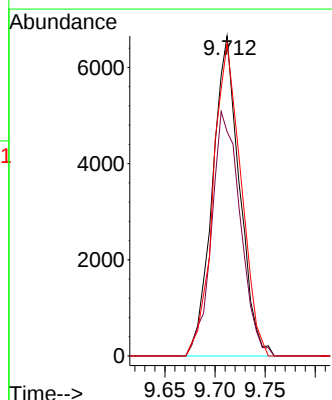
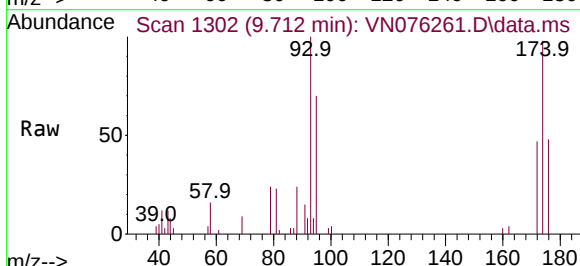
Tgt Ion: 93 Resp: 12470

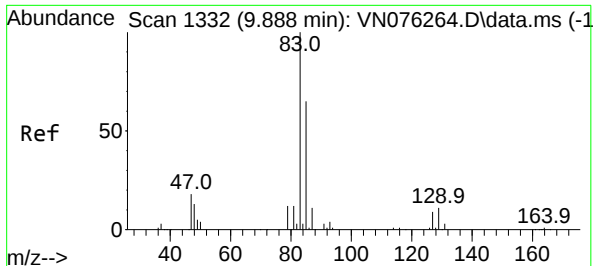
Ion Ratio Lower Upper

93 100

95 81.1 66.0 99.0

174 100.8 81.3 121.9

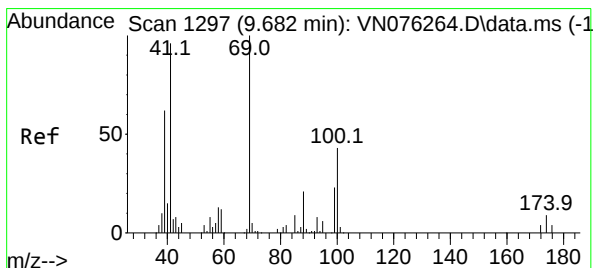
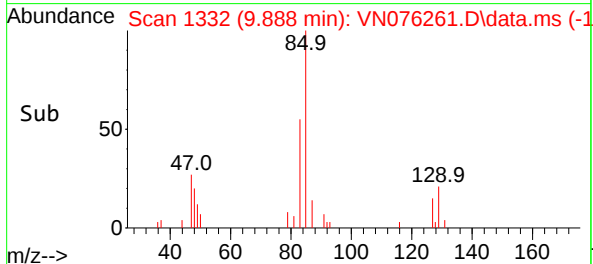
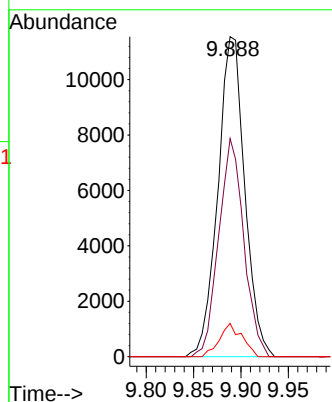
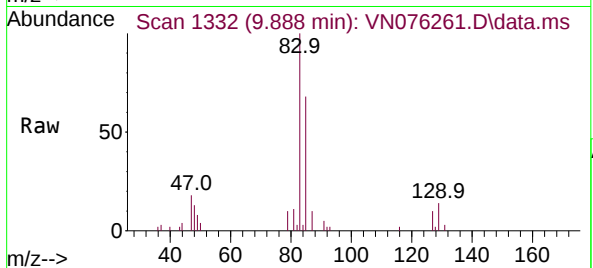




#47
Bromodichloromethane
Concen: 4.897 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

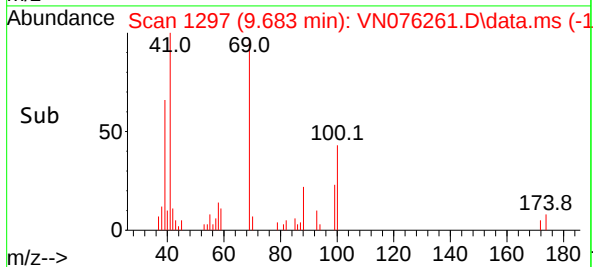
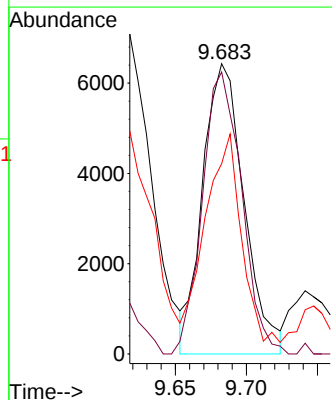
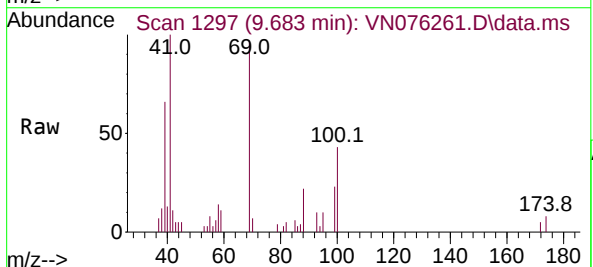
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

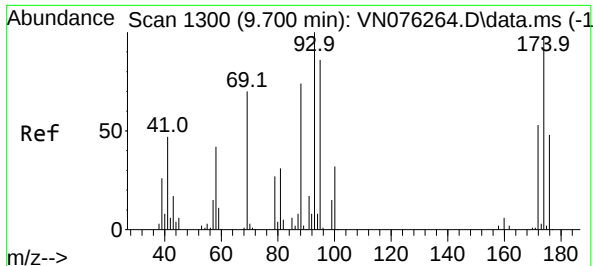
Tgt Ion: 83 Resp: 22811
Ion Ratio Lower Upper
83 100
85 68.2 52.1 78.1
127 10.4 7.4 11.0



#48
Methyl methacrylate
Concen: 4.889 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 41 Resp: 13034
Ion Ratio Lower Upper
41 100
69 92.3 80.8 121.2
39 69.7 54.4 81.6





#49

1,4-Dioxane

Concen: 100.635 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

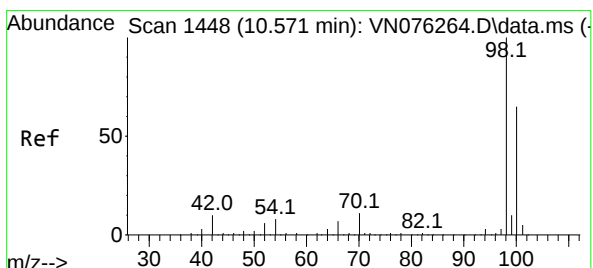
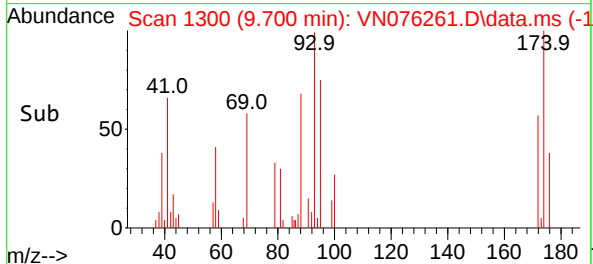
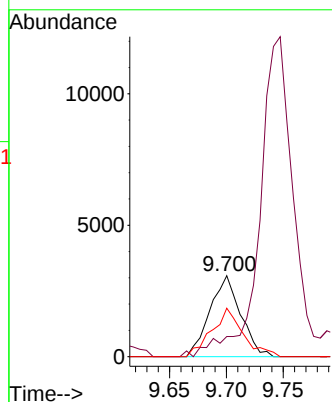
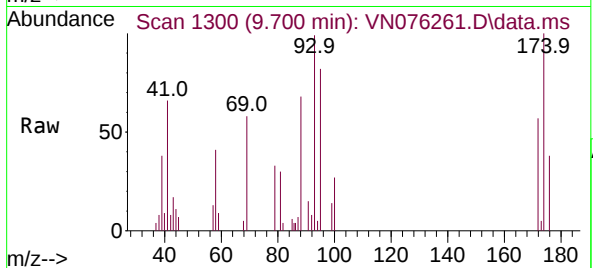
Tgt Ion: 88 Resp: 5805

Ion Ratio Lower Upper

88 100

43 0.0 18.1 27.1#

58 60.6 46.5 69.7



#50

Toluene-d8

Concen: 5.088 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN076261.D

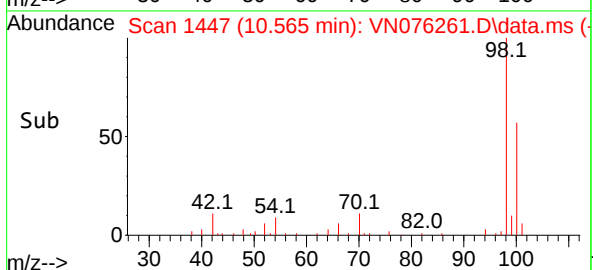
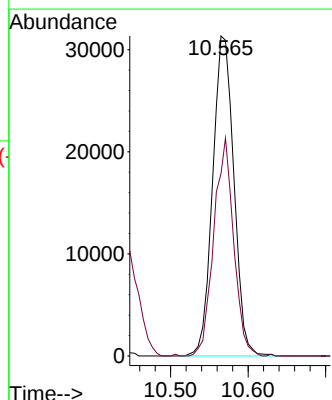
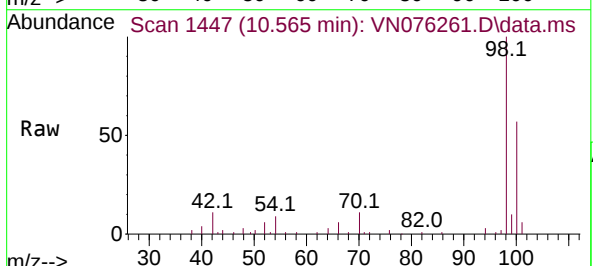
Acq: 16 Jan 2023 10:54

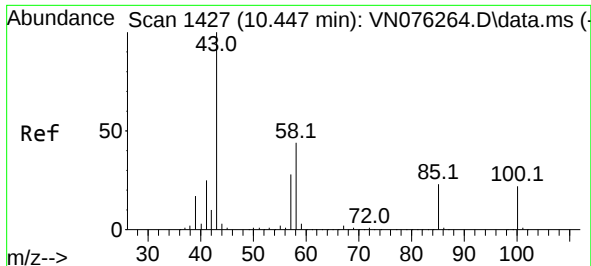
Tgt Ion: 98 Resp: 59566

Ion Ratio Lower Upper

98 100

100 63.7 52.2 78.4

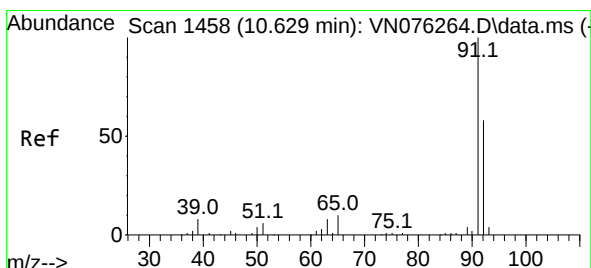
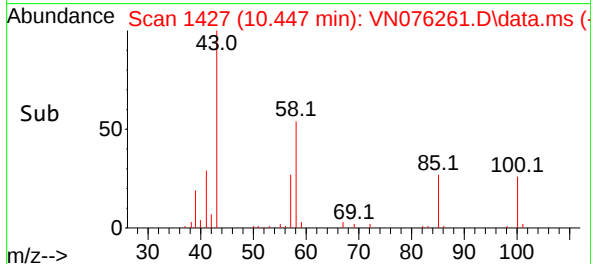
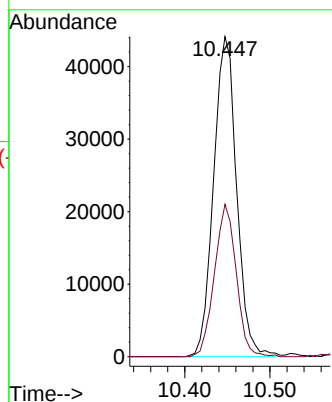
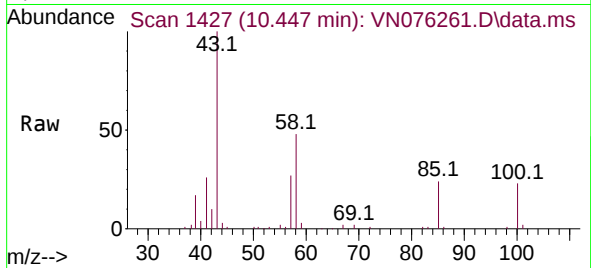




#51
4-Methyl-2-Pentanone
Concen: 24.178 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

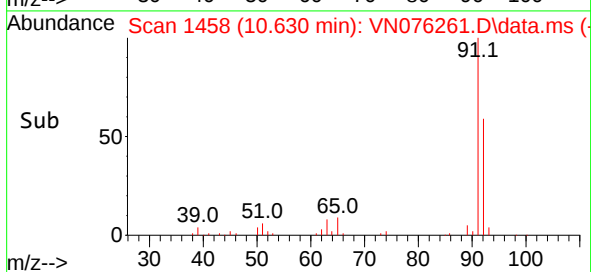
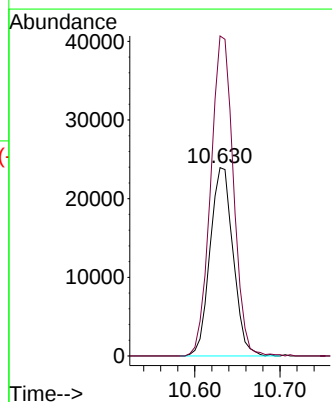
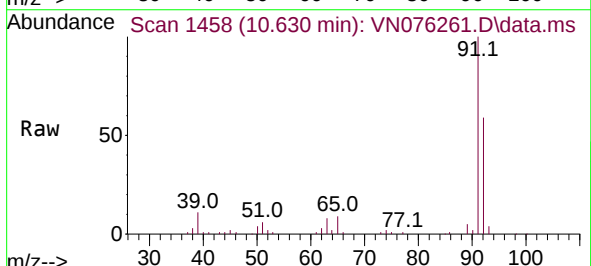
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

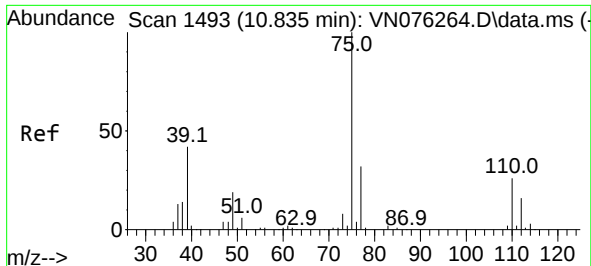
Tgt Ion: 43 Resp: 82826
Ion Ratio Lower Upper
43 100
58 45.1 35.1 52.7



#52
Toluene
Concen: 5.108 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 92 Resp: 45133
Ion Ratio Lower Upper
92 100
91 167.8 136.6 205.0

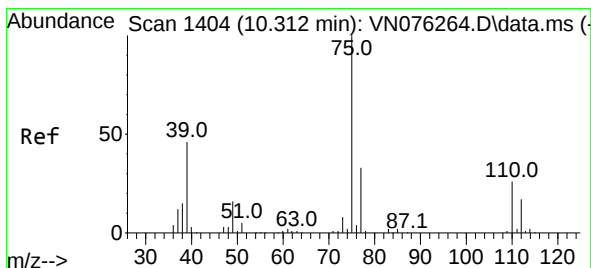
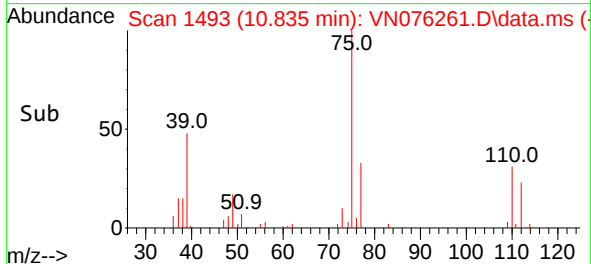
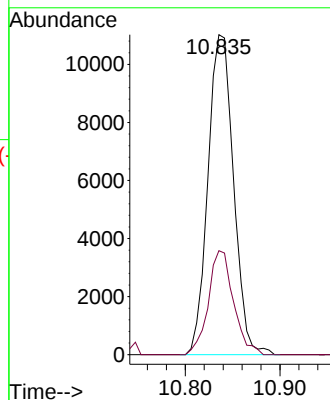
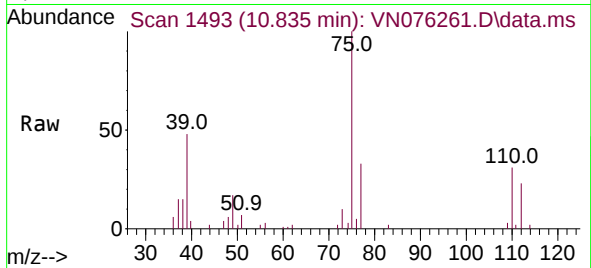




#53
 t-1,3-Dichloropropene
 Concen: 4.657 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076261.D
 Acq: 16 Jan 2023 10:54

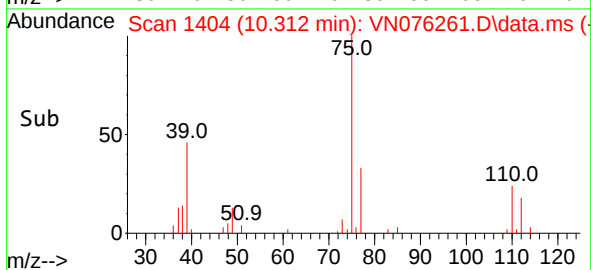
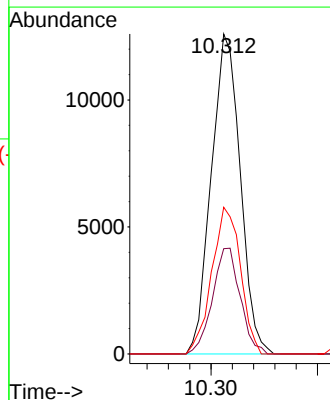
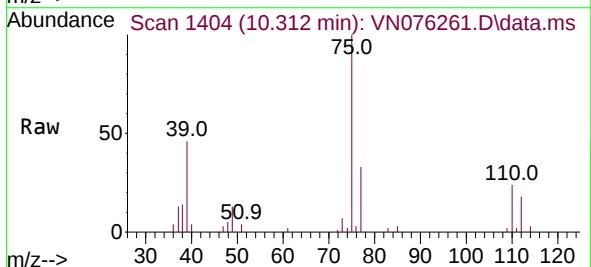
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

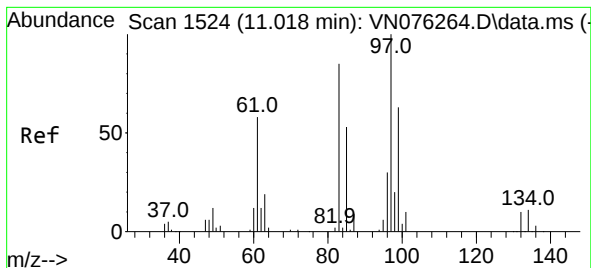
Tgt Ion: 75 Resp: 20705
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 4.691 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. 0.000 min
 Lab File: VN076261.D
 Acq: 16 Jan 2023 10:54

Tgt Ion: 75 Resp: 23719
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.5 39.7
 39 45.9 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 5.133 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 17237

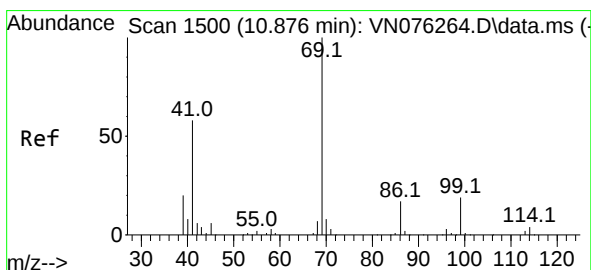
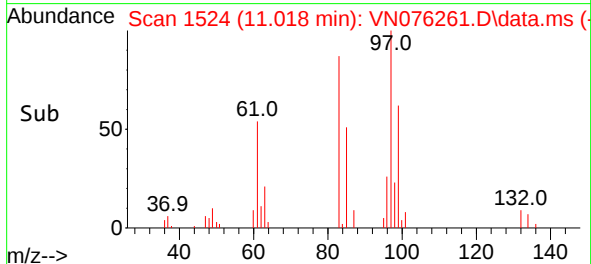
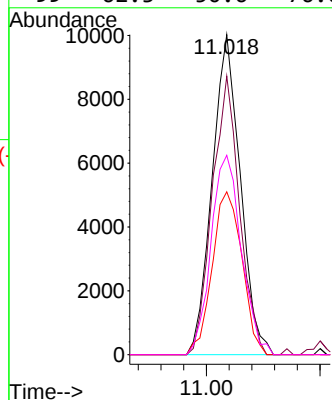
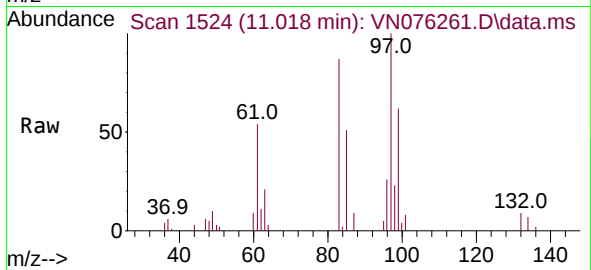
Ion Ratio Lower Upper

97 100

83 87.1 67.8 101.6

85 50.9 42.3 63.5

99 62.3 50.6 76.0



#56

Ethyl methacrylate

Concen: 4.698 ug/l

RT: 10.871 min Scan# 1499

Delta R.T. -0.006 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

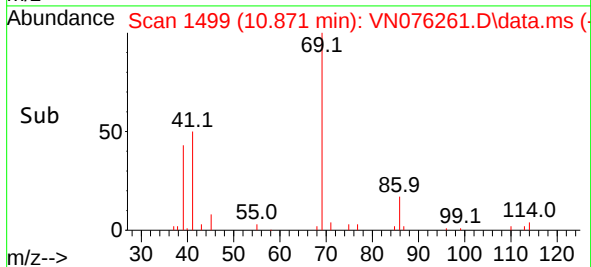
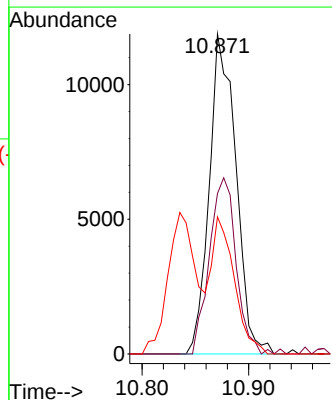
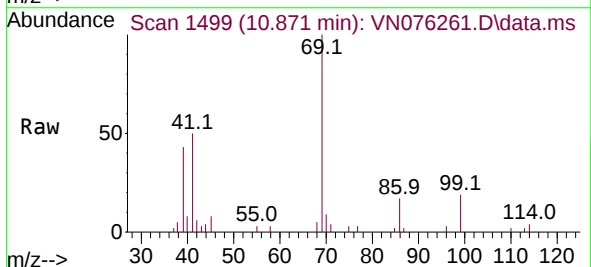
Tgt Ion: 69 Resp: 20612

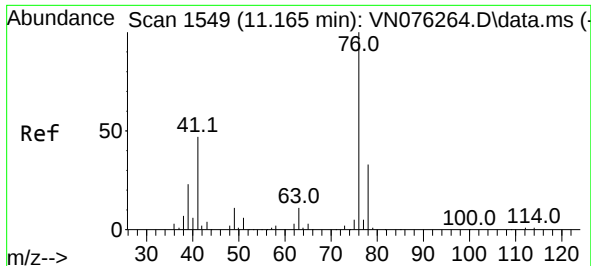
Ion Ratio Lower Upper

69 100

41 55.2 45.3 67.9

39 36.7 29.3 43.9





#57

1,3-Dichloropropane

Concen: 5.035 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

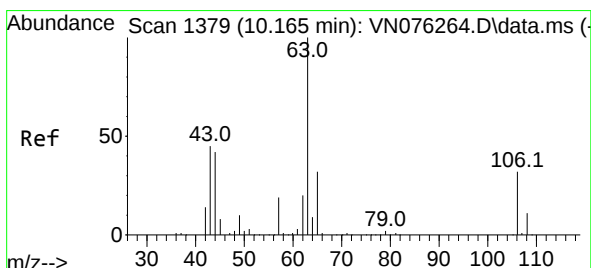
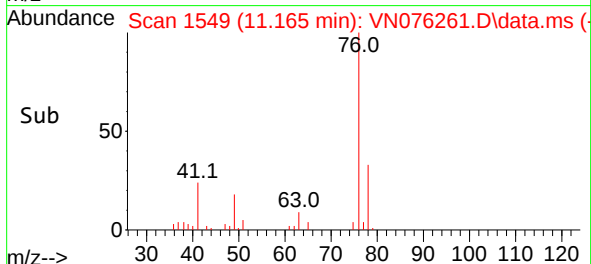
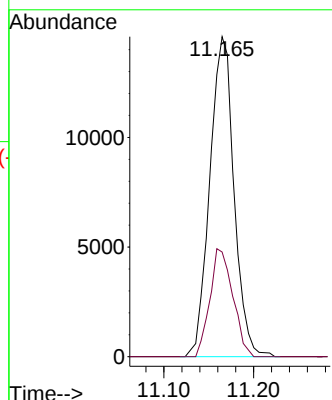
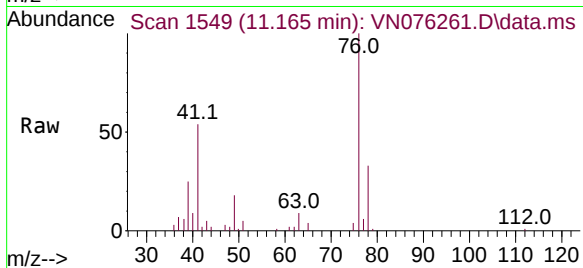
VSTDIC005

Tgt Ion: 76 Resp: 27308

Ion Ratio Lower Upper

76 100

78 31.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 23.865 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN076261.D

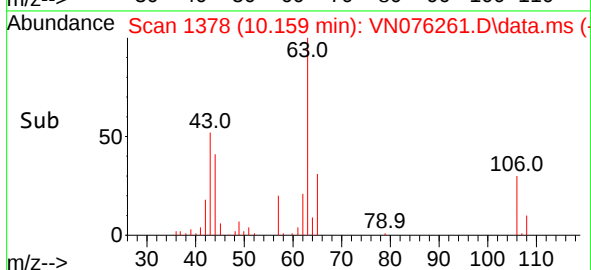
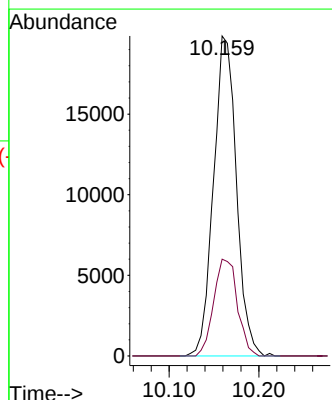
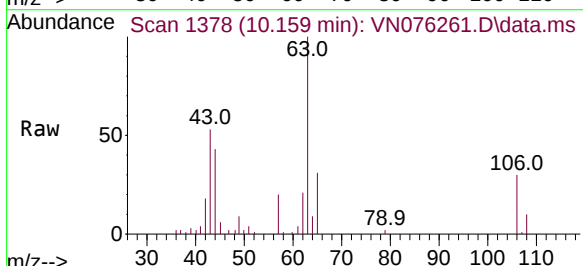
Acq: 16 Jan 2023 10:54

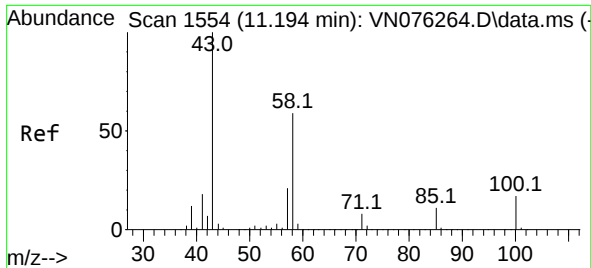
Tgt Ion: 63 Resp: 35150

Ion Ratio Lower Upper

63 100

106 31.2 26.2 39.2

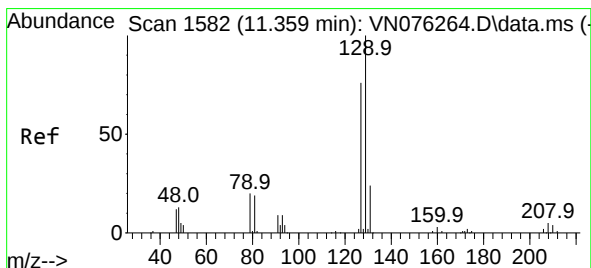
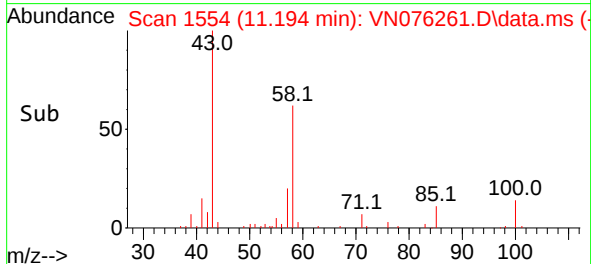
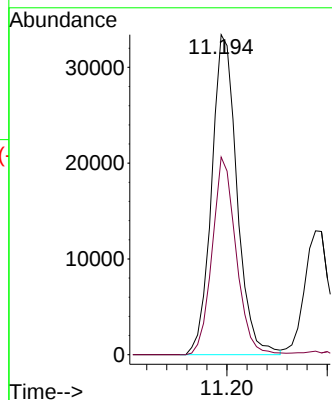
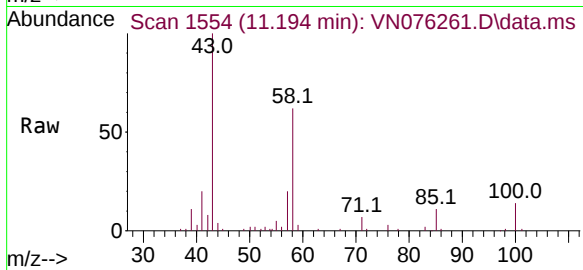




#59
2-Hexanone
Concen: 23.814 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

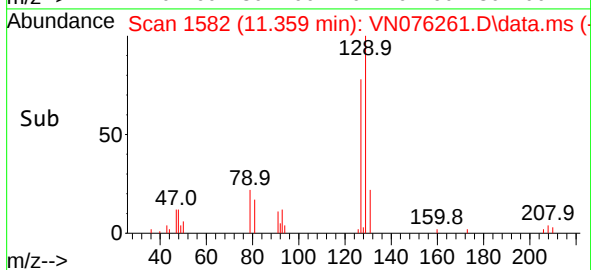
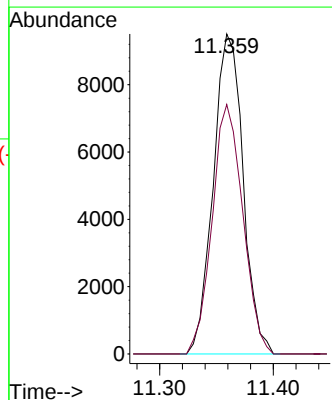
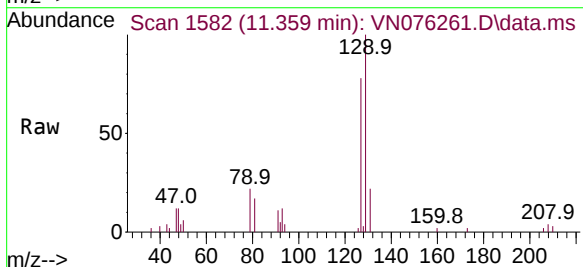
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

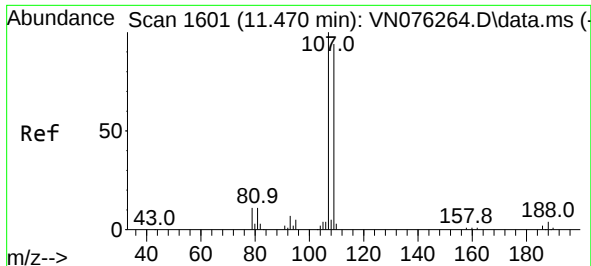
Tgt Ion: 43 Resp: 58678
Ion Ratio Lower Upper
43 100
58 58.2 30.1 90.3



#60
Dibromochloromethane
Concen: 4.721 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 129 Resp: 17345
Ion Ratio Lower Upper
129 100
127 80.1 38.7 116.1

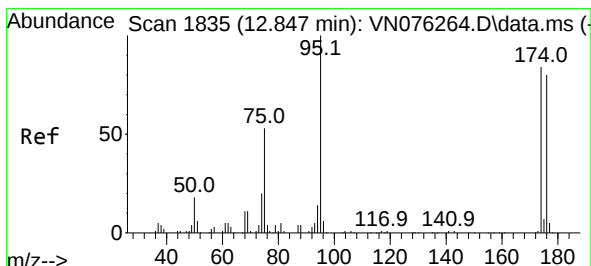
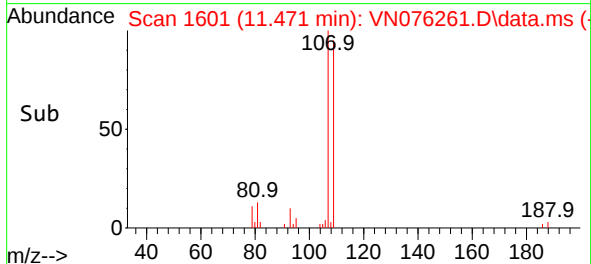
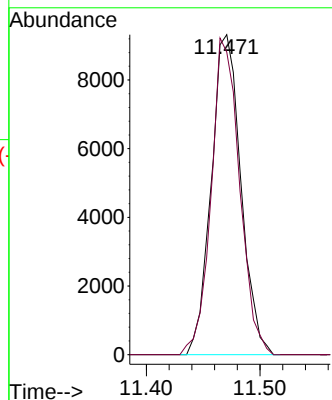
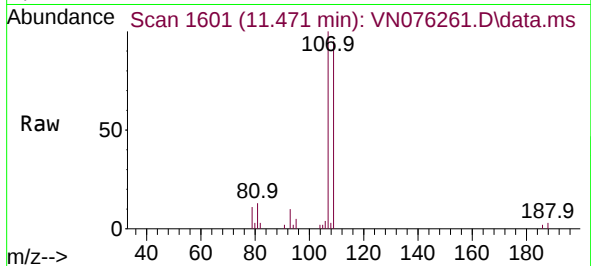




#61
1,2-Dibromoethane
Concen: 4.972 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

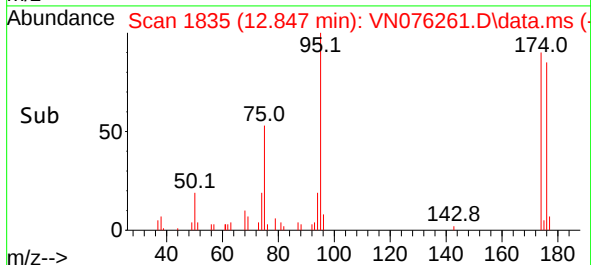
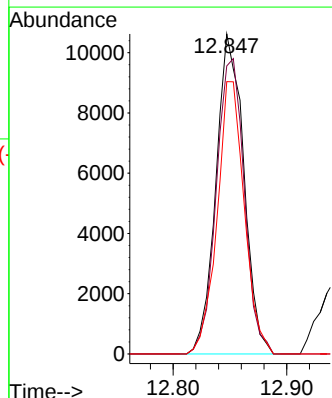
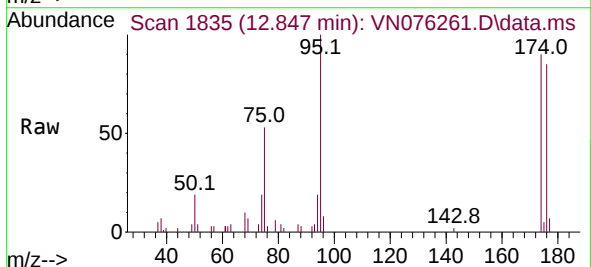
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

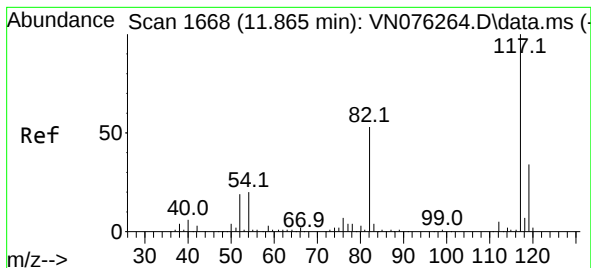
Tgt Ion:107 Resp: 16910
Ion Ratio Lower Upper
107 100
109 94.6 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 4.724 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 95 Resp: 18054
Ion Ratio Lower Upper
95 100
174 93.0 0.0 174.6
176 83.3 0.0 167.8

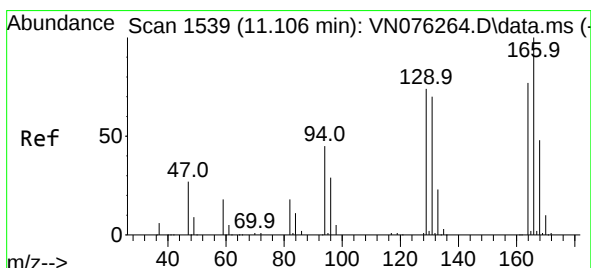
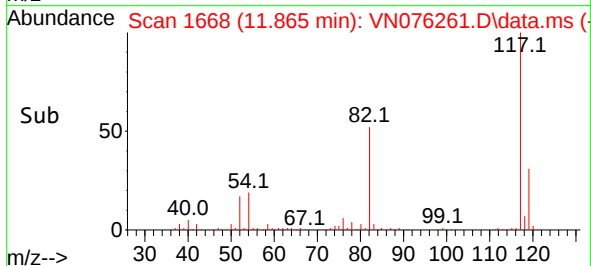
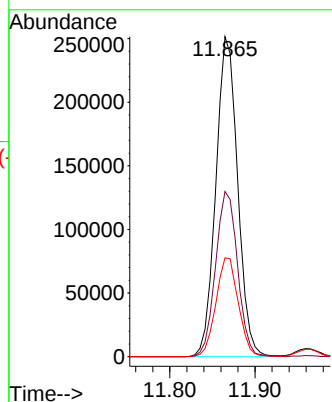
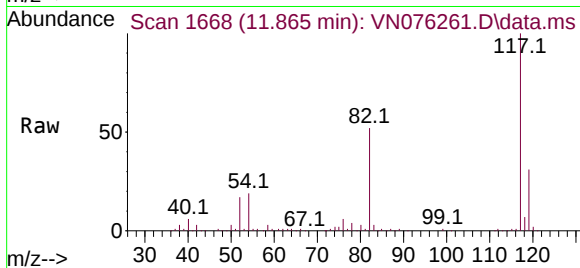




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

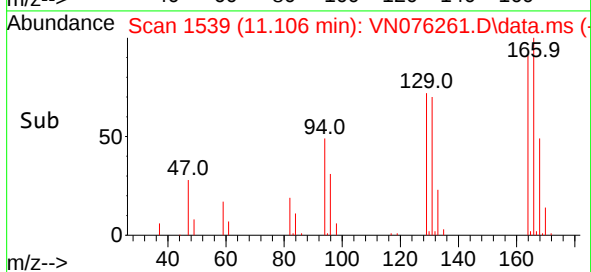
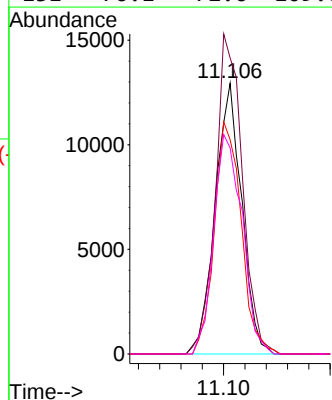
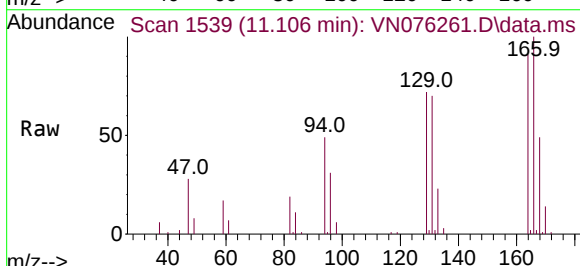
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

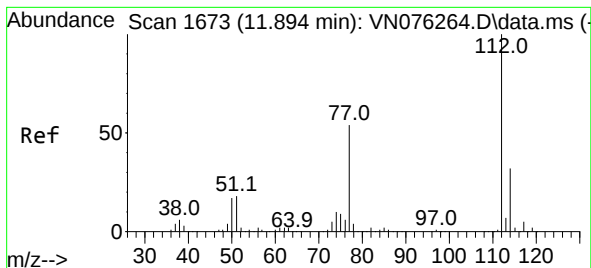
Tgt Ion:117 Resp: 446975
Ion Ratio Lower Upper
117 100
82 51.6 42.2 63.2
119 30.9 26.9 40.3



#64
Tetrachloroethene
Concen: 5.668 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion:164 Resp: 22378
Ion Ratio Lower Upper
164 100
166 109.3 104.0 156.0
129 79.2 76.6 114.8
131 76.1 72.6 109.0

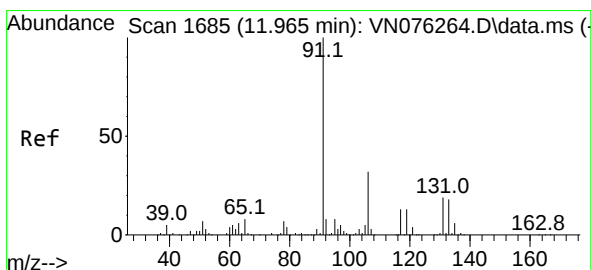
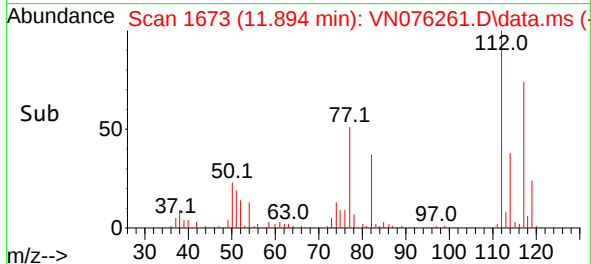
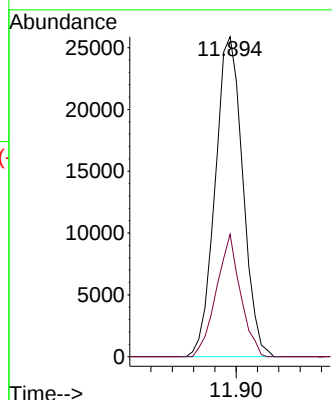
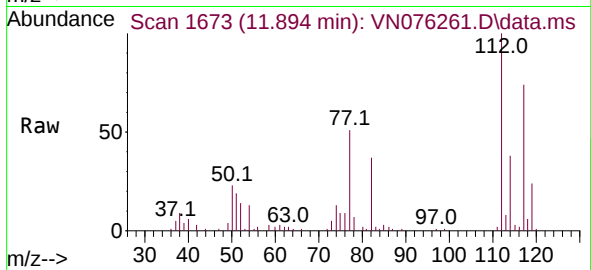




#65
Chlorobenzene
Concen: 4.966 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

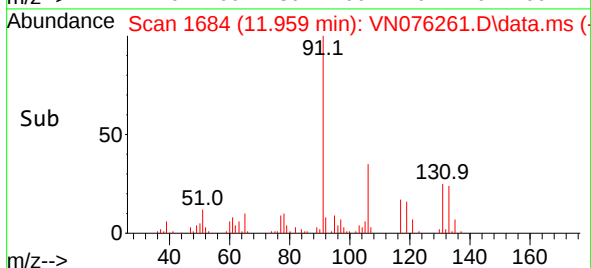
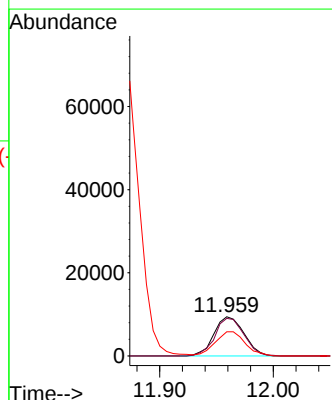
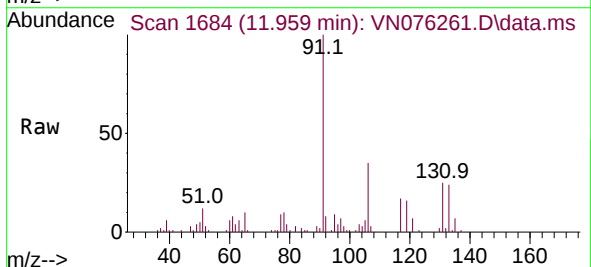
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

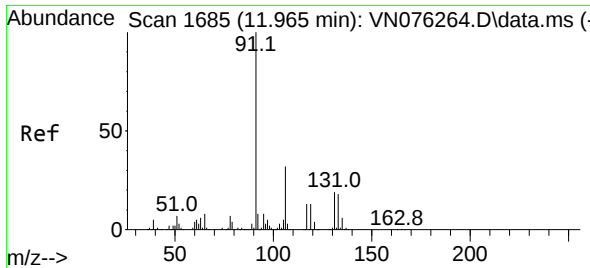
Tgt Ion:112 Resp: 46492
Ion Ratio Lower Upper
112 100
114 38.3 25.3 37.9#



#66
1,1,1,2-Tetrachloroethane
Concen: 4.969 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion:131 Resp: 17302
Ion Ratio Lower Upper
131 100
133 93.6 47.4 142.2
119 61.7 32.3 96.8

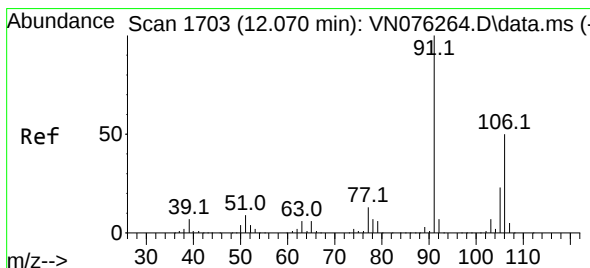
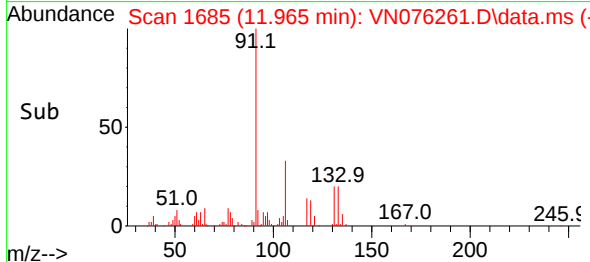
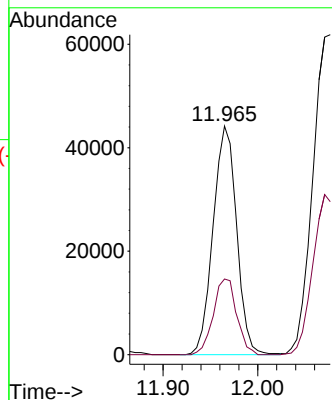
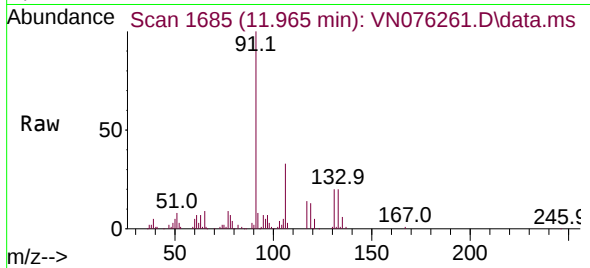




#67
Ethyl Benzene
Concen: 4.742 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

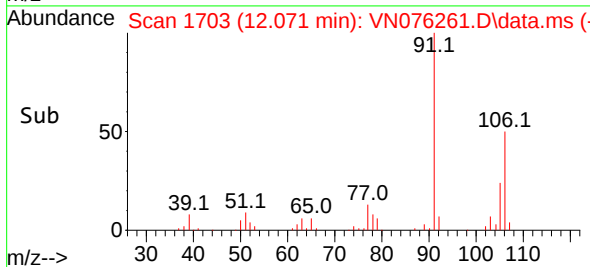
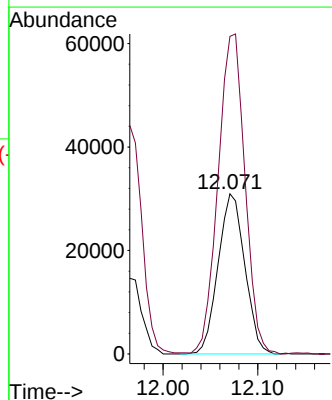
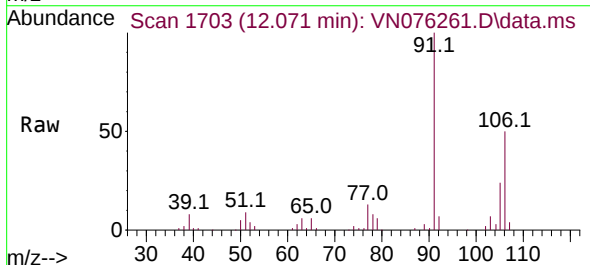
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

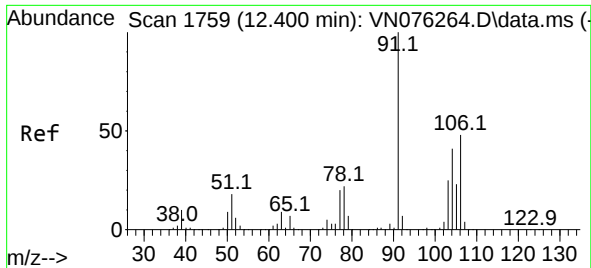
Tgt Ion: 91 Resp: 76316
Ion Ratio Lower Upper
91 100
106 33.1 25.5 38.3



#68
m/p-Xylenes
Concen: 9.532 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 106 Resp: 60599
Ion Ratio Lower Upper
106 100
91 201.3 157.5 236.3

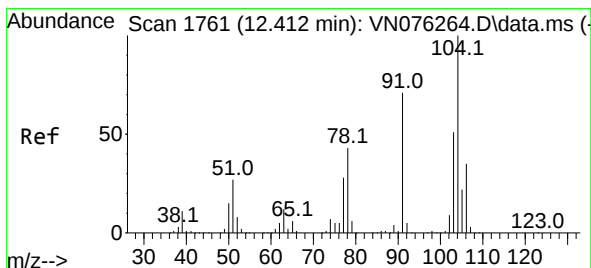
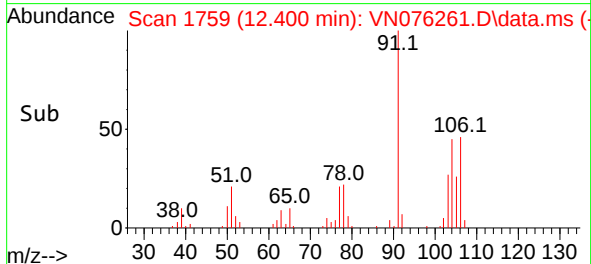
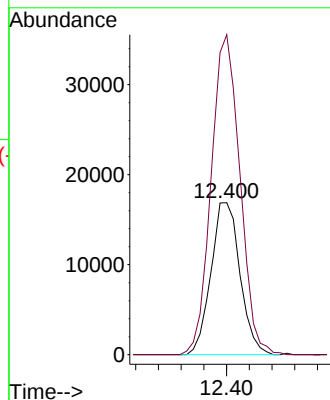
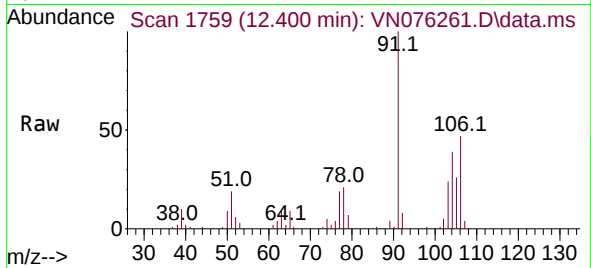




#69
o-Xylene
Concen: 4.806 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

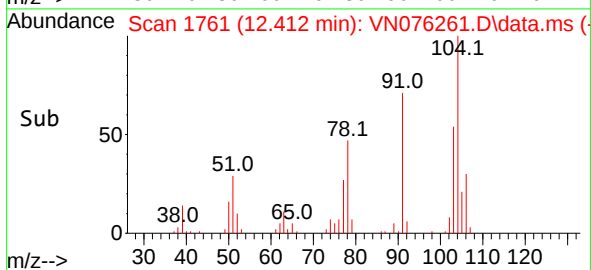
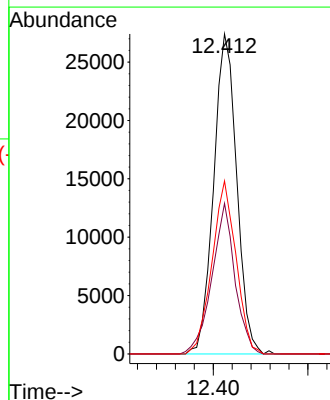
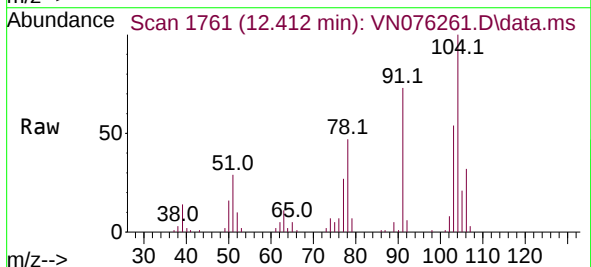
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

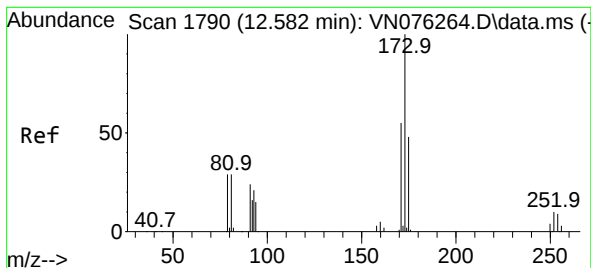
Tgt Ion:106 Resp: 29957
Ion Ratio Lower Upper
106 100
91 208.5 103.2 309.4



#70
Styrene
Concen: 4.700 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion:104 Resp: 46371
Ion Ratio Lower Upper
104 100
78 46.9 37.4 56.0
103 56.3 44.2 66.2





#71

Bromoform

Concen: 4.466 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

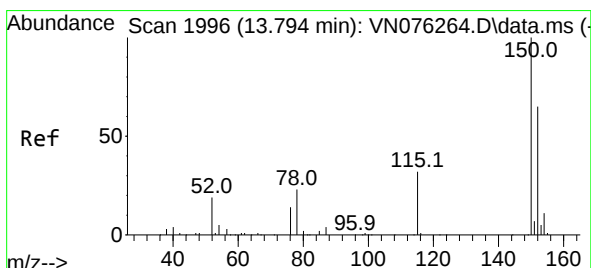
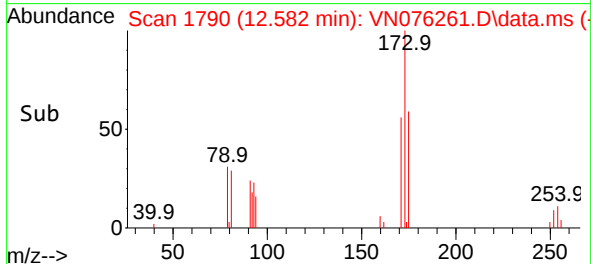
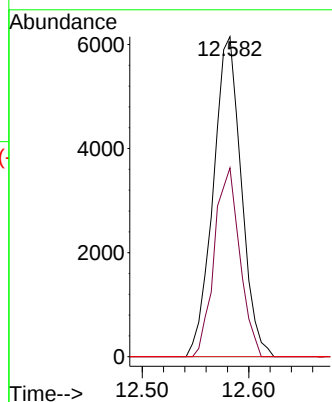
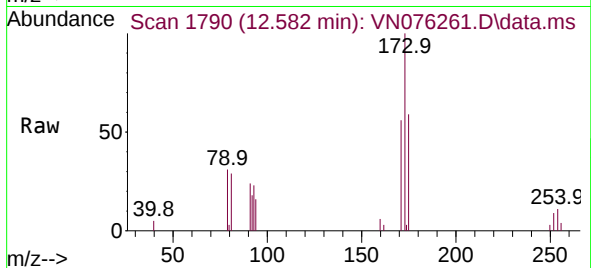
Tgt Ion:173 Resp: 11267

Ion Ratio Lower Upper

173 100

175 53.4 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

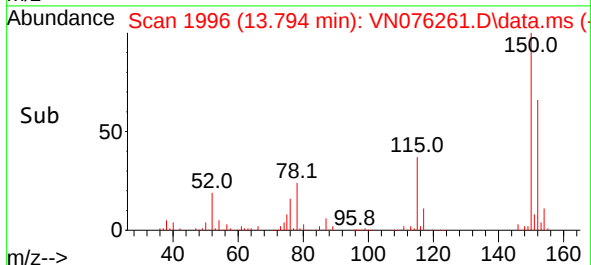
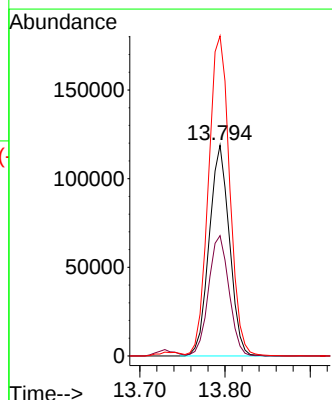
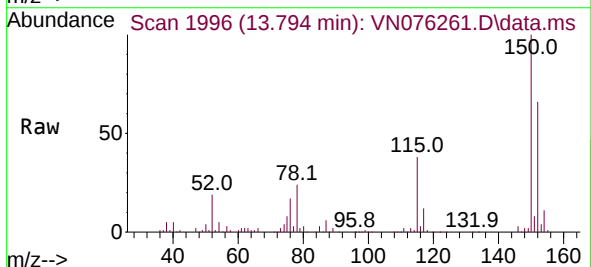
Tgt Ion:152 Resp: 196010

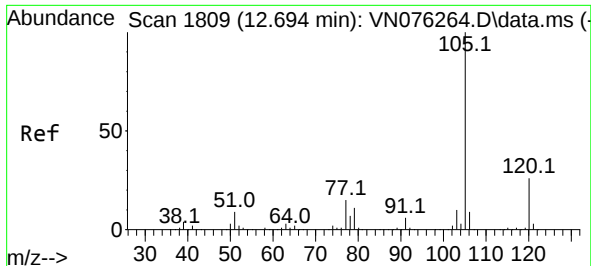
Ion Ratio Lower Upper

152 100

115 57.8 29.6 88.9

150 159.1 0.0 351.4

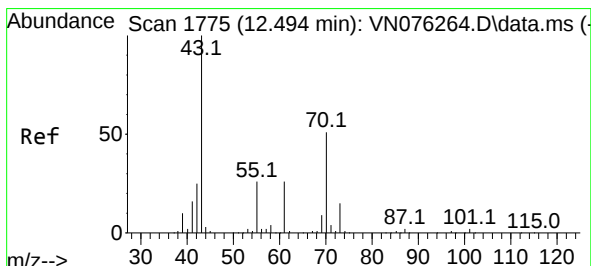
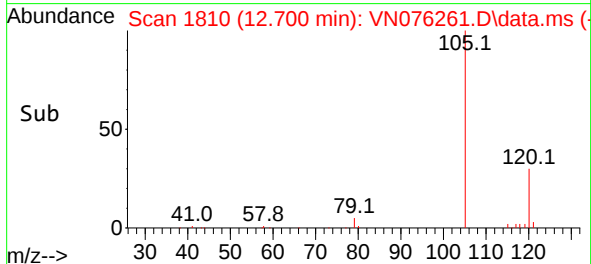
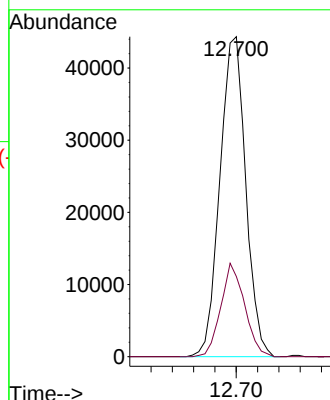
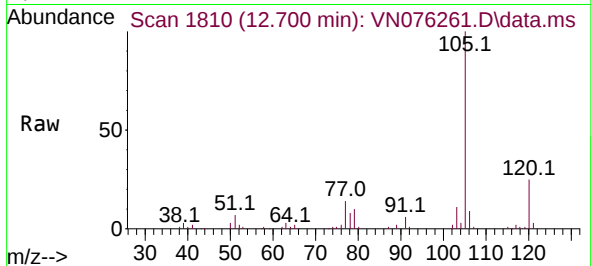




#73
Isopropylbenzene
Concen: 4.983 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

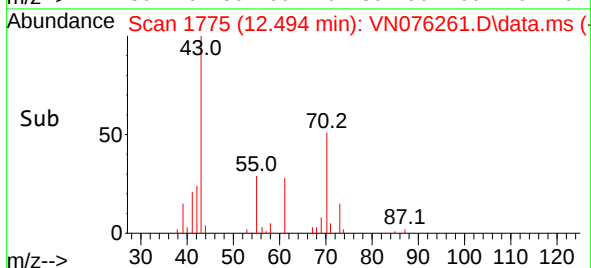
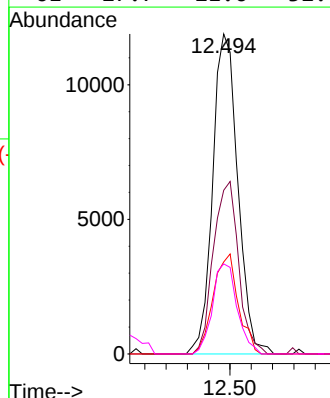
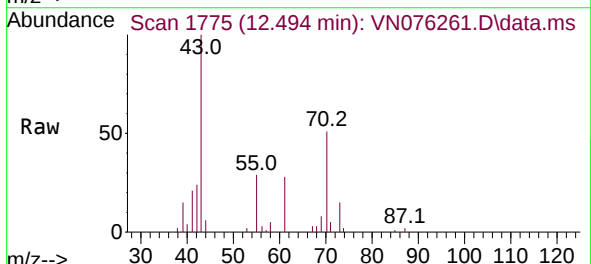
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

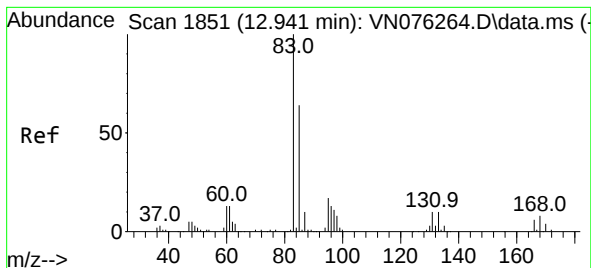
Tgt Ion:105 Resp: 74523
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 4.608 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 43 Resp: 19438
Ion Ratio Lower Upper
43 100
70 54.0 41.2 61.8
55 31.2 21.0 31.6
61 27.7 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 4.941 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

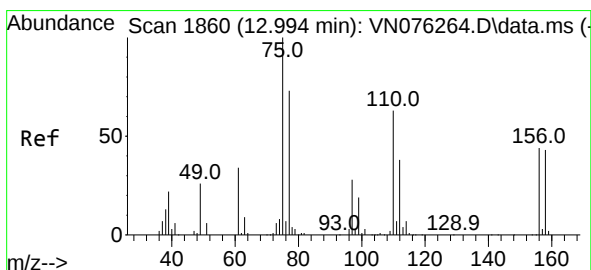
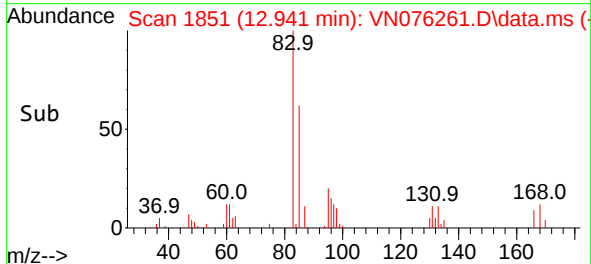
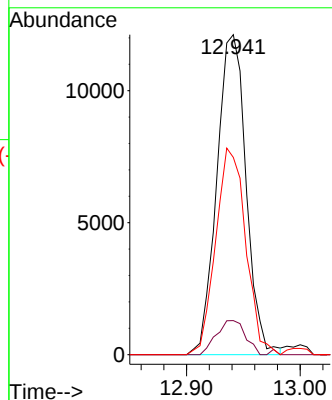
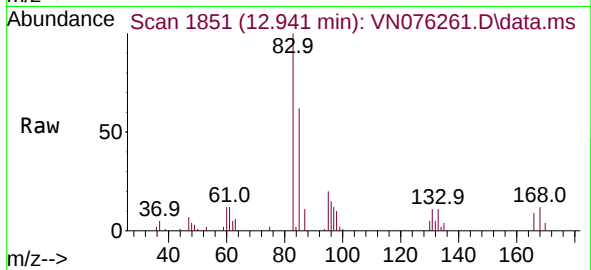
Tgt Ion: 83 Resp: 21717

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.4

85 66.1 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 6.555 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. 0.000 min

Lab File: VN076261.D

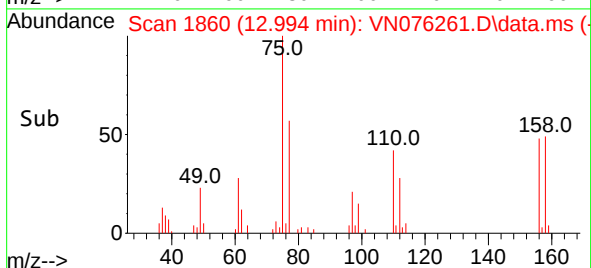
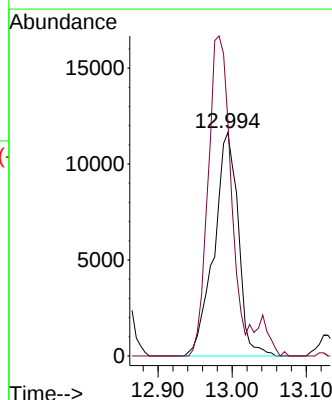
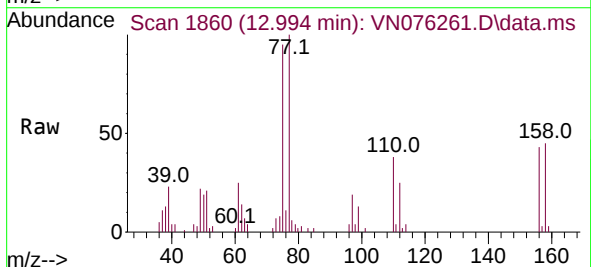
Acq: 16 Jan 2023 10:54

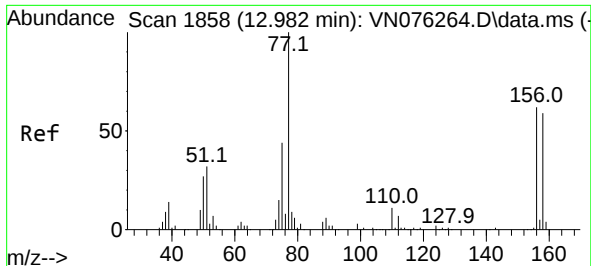
Tgt Ion: 75 Resp: 26437

Ion Ratio Lower Upper

75 100

77 137.3 75.2 225.6

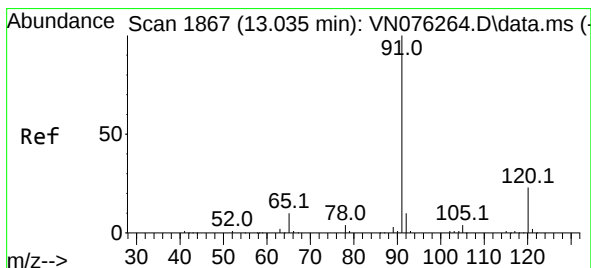
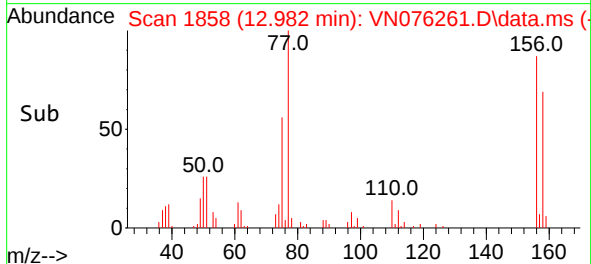
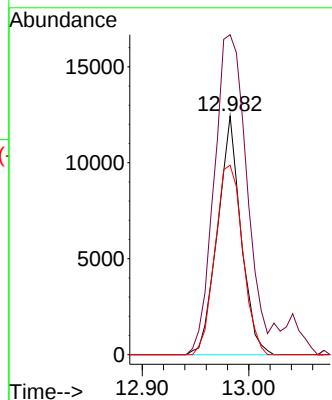
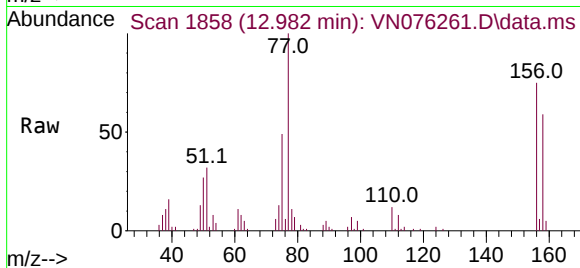




#77
Bromobenzene
Concen: 5.081 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

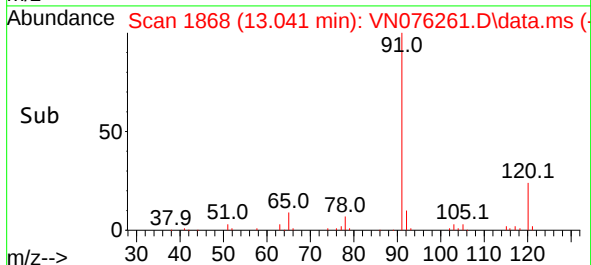
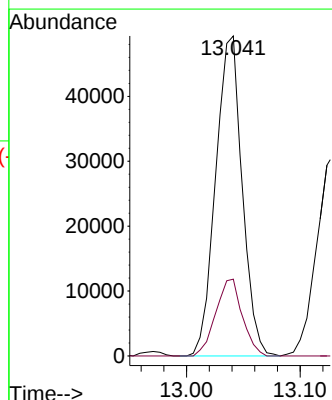
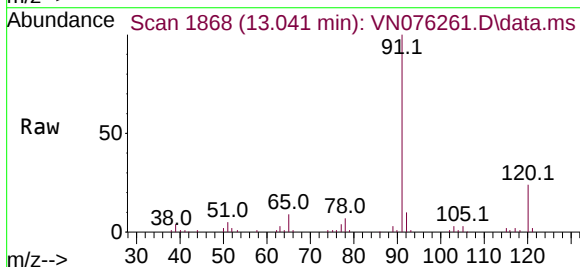
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

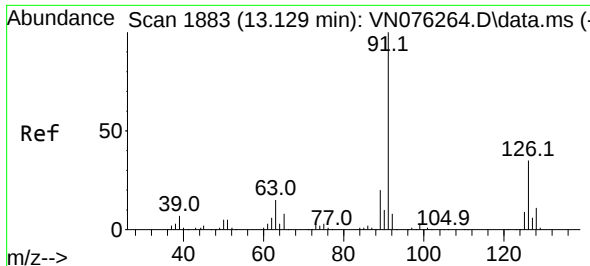
Tgt Ion:156 Resp: 18956
Ion Ratio Lower Upper
156 100
77 191.5 93.4 280.2
158 93.7 48.4 145.2



#78
n-propylbenzene
Concen: 4.838 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 91 Resp: 79976
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5

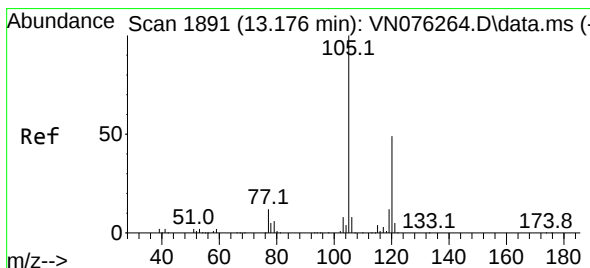
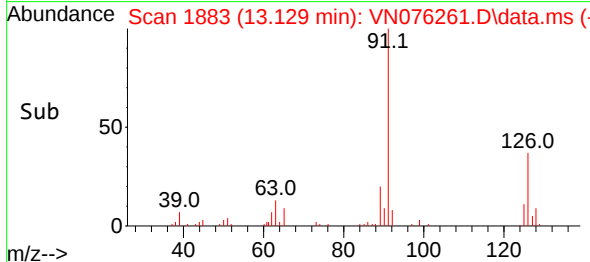
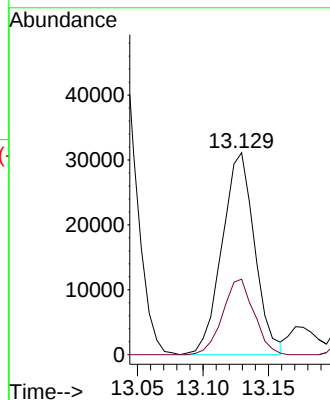
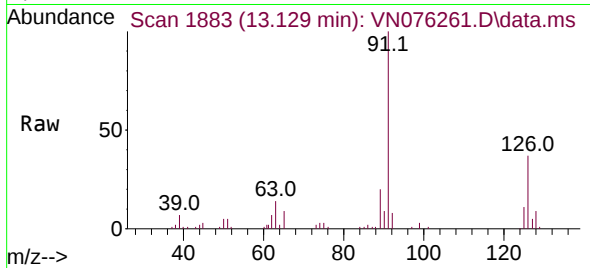




#79
2-Chlorotoluene
Concen: 5.227 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

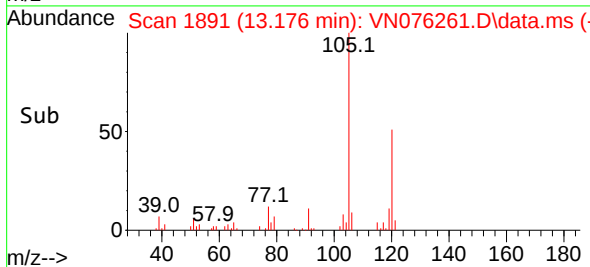
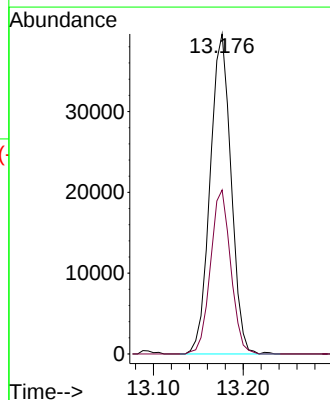
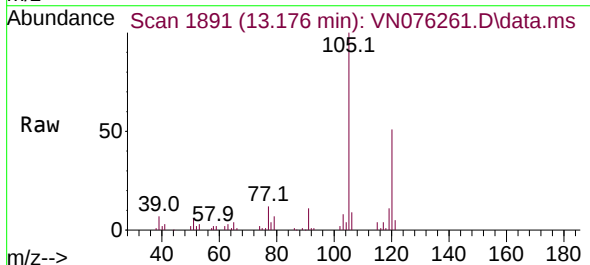
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

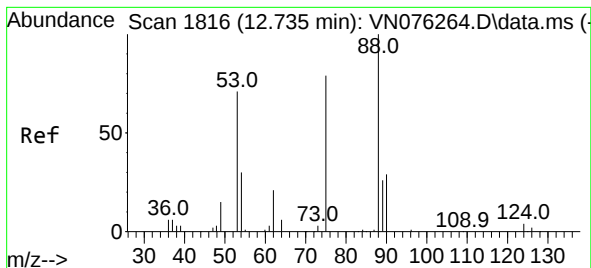
Tgt Ion: 91 Resp: 53822
Ion Ratio Lower Upper
91 100
126 35.9 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 5.092 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 105 Resp: 64076
Ion Ratio Lower Upper
105 100
120 49.5 25.0 75.0

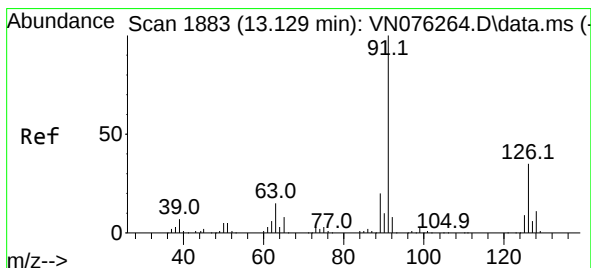
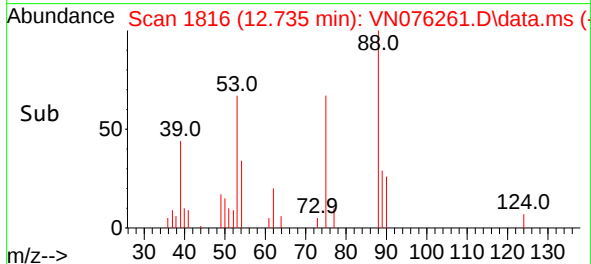
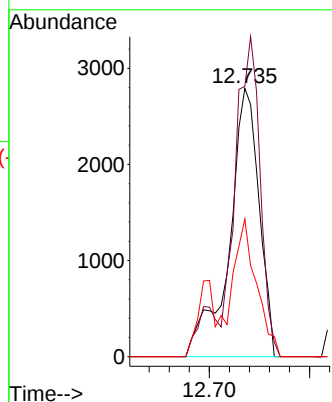
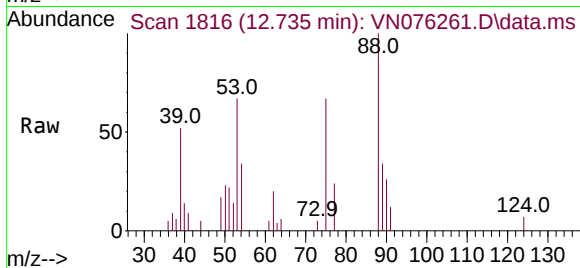




#81
trans-1,4-Dichloro-2-butene
Concen: 4.909 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

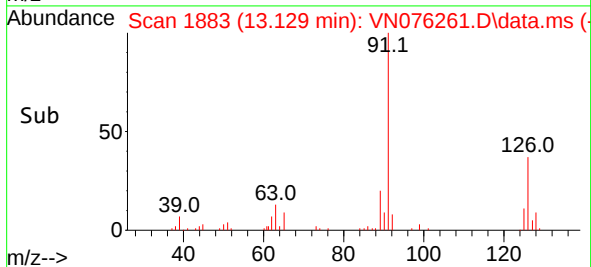
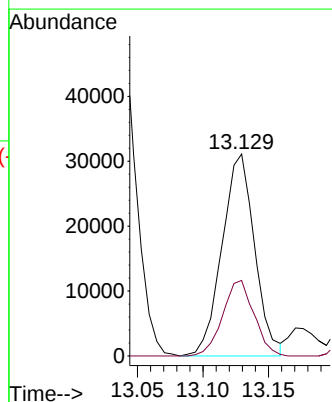
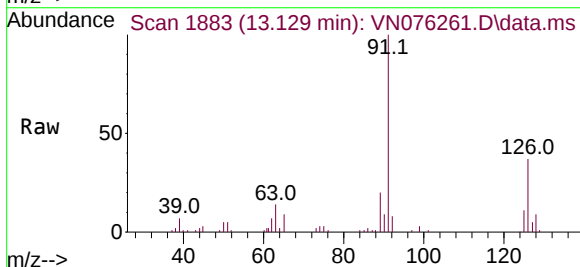
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

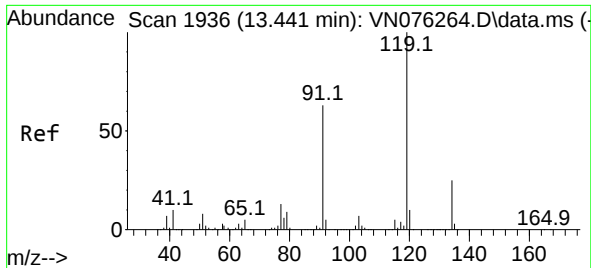
Tgt Ion: 75 Resp: 5783
Ion Ratio Lower Upper
75 100
53 97.1 75.8 113.8
89 37.6 37.0 55.6



#82
4-Chlorotoluene
Concen: 5.227 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 91 Resp: 53822
Ion Ratio Lower Upper
91 100
126 35.9 17.4 52.2

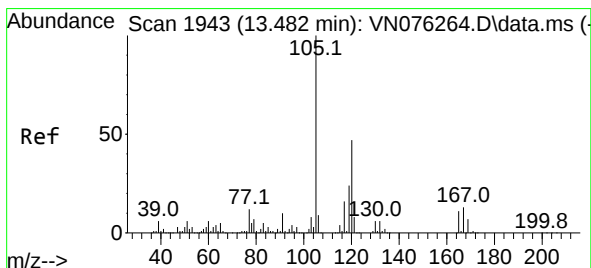
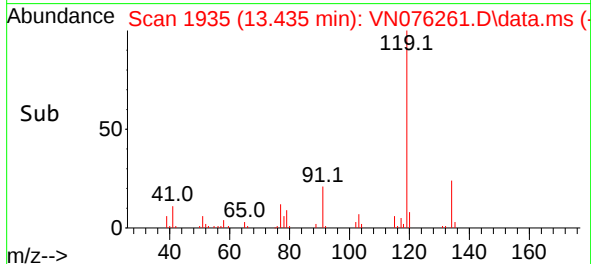
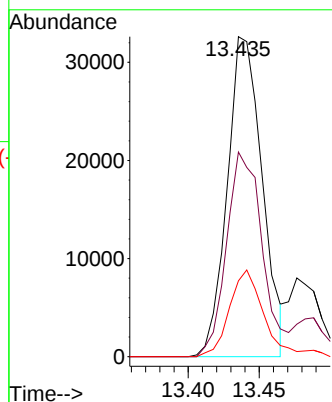
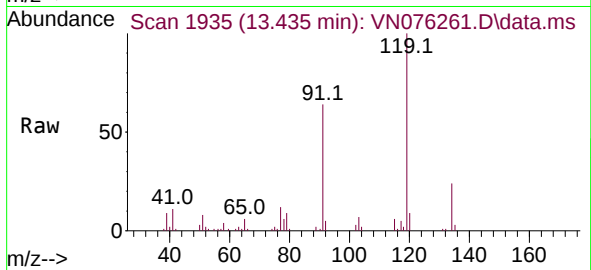




#83
tert-Butylbenzene
Concen: 4.988 ug/l
RT: 13.435 min Scan# 1935
Delta R.T. -0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

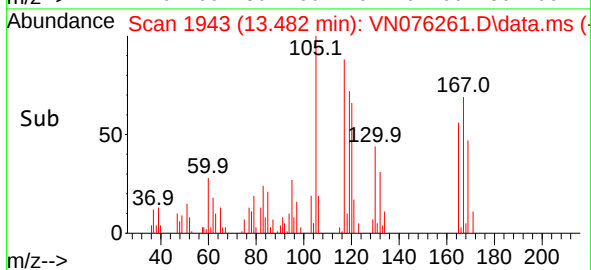
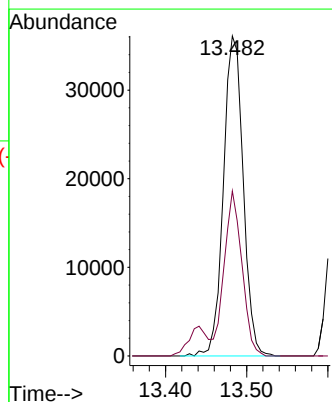
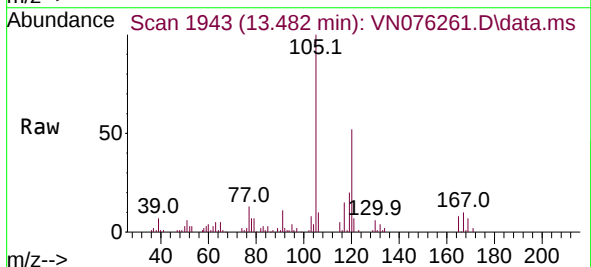
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

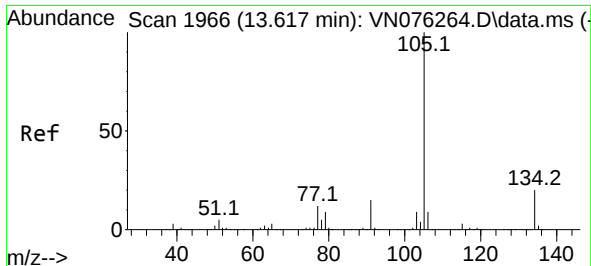
Tgt Ion:119 Resp: 55983
Ion Ratio Lower Upper
119 100
91 65.5 32.2 96.6
134 27.0 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 4.975 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion:105 Resp: 61140
Ion Ratio Lower Upper
105 100
120 47.0 22.9 68.5

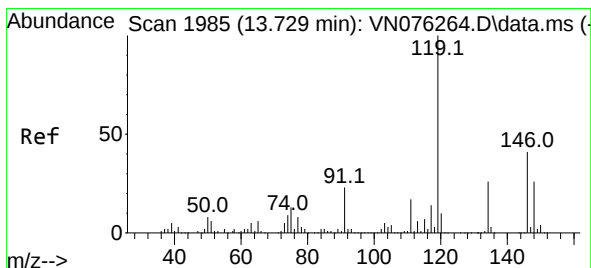
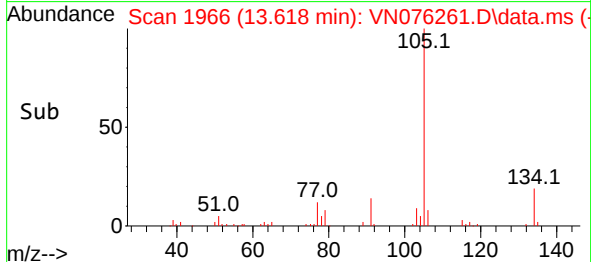
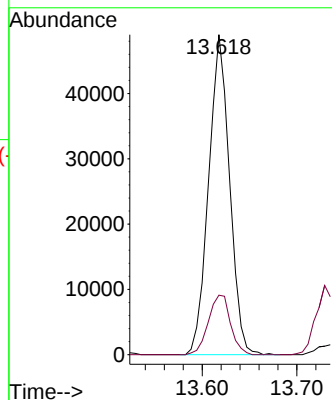
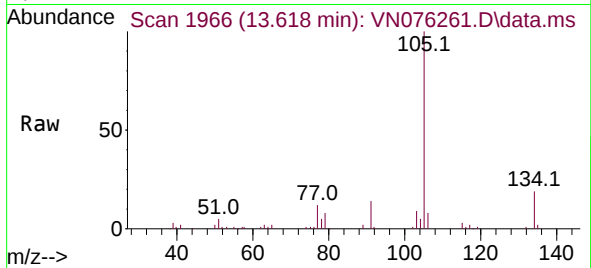




#85
 sec-Butylbenzene
 Concen: 4.909 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076261.D
 Acq: 16 Jan 2023 10:54

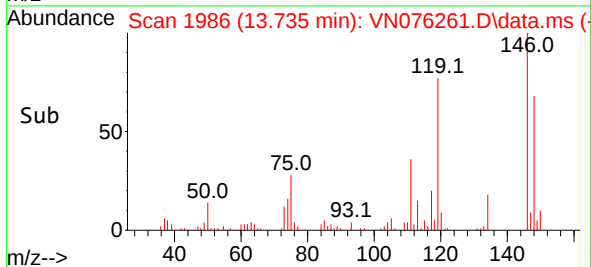
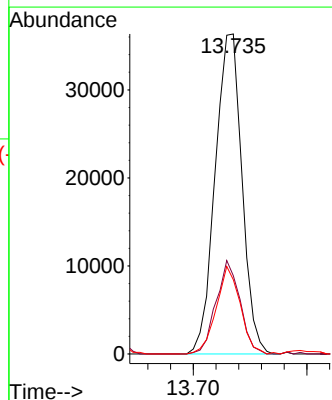
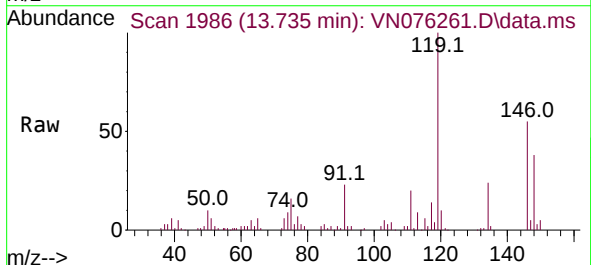
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

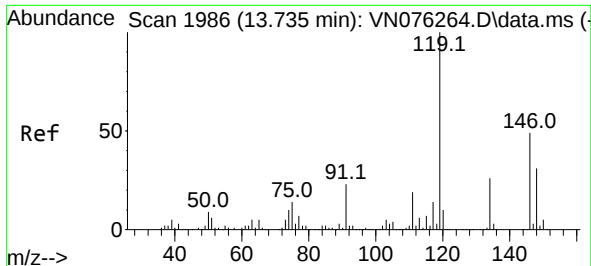
Tgt Ion:105 Resp: 75118
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 4.775 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076261.D
 Acq: 16 Jan 2023 10:54

Tgt Ion:119 Resp: 59629
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.6
 91 24.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 4.851 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

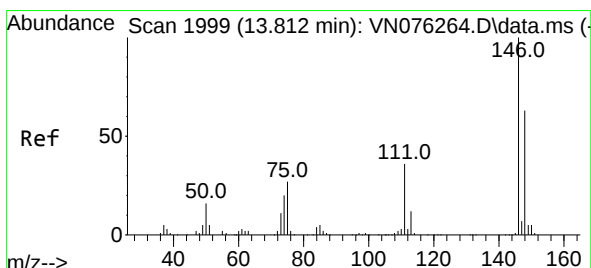
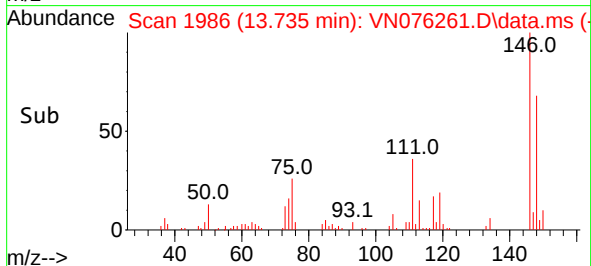
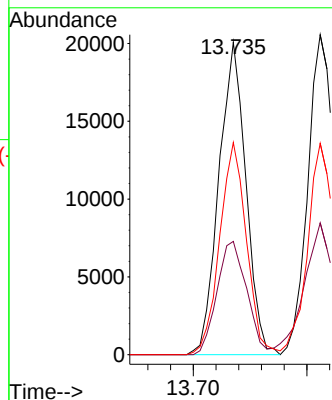
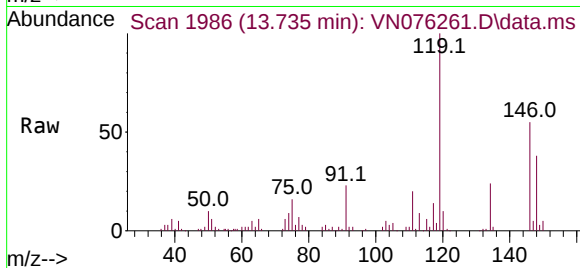
Tgt Ion:146 Resp: 33174

Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.7

148 67.4 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 5.024 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

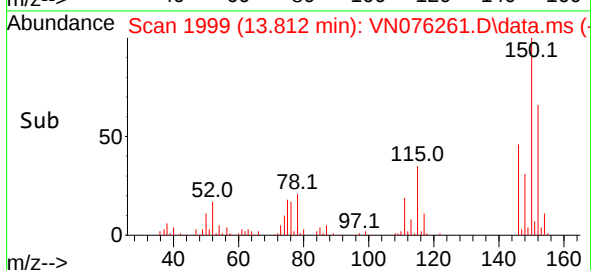
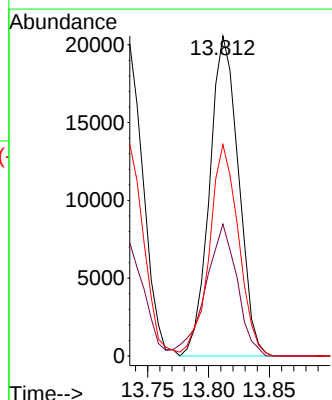
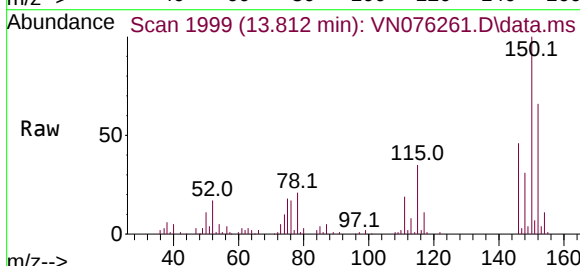
Tgt Ion:146 Resp: 34098

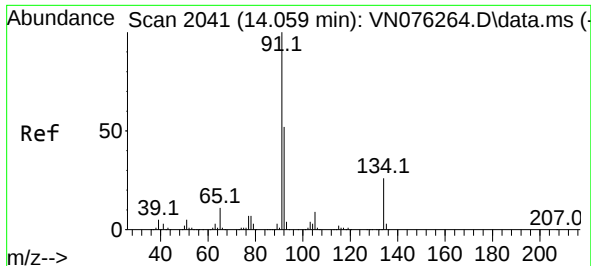
Ion Ratio Lower Upper

146 100

111 45.0 19.1 57.5

148 66.4 31.9 95.9

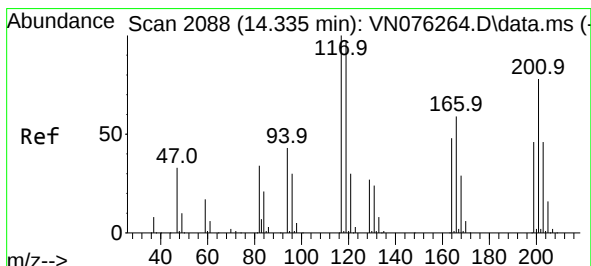
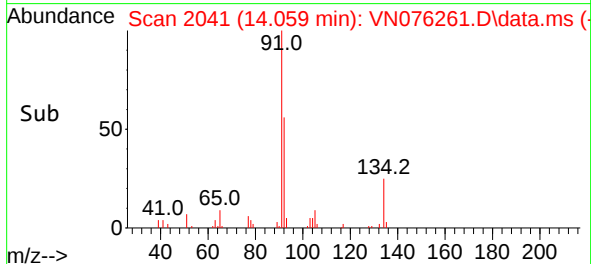
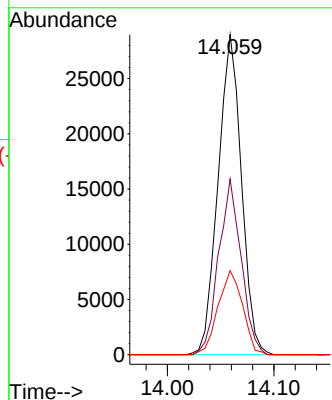
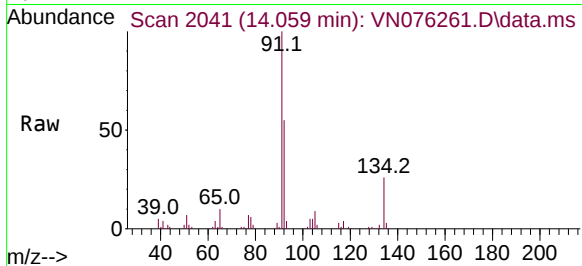




#89
n-Butylbenzene
Concen: 4.458 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

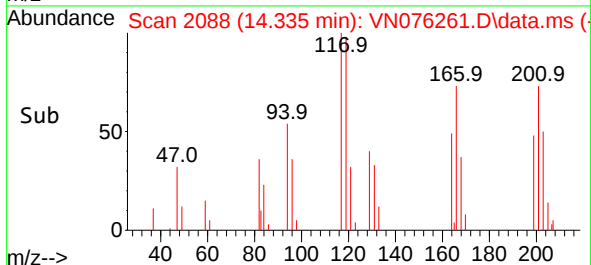
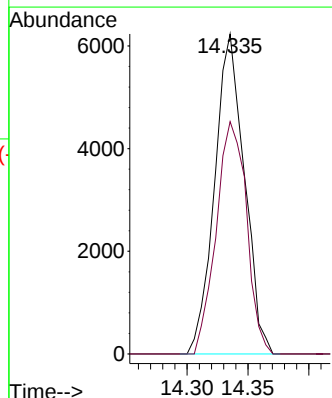
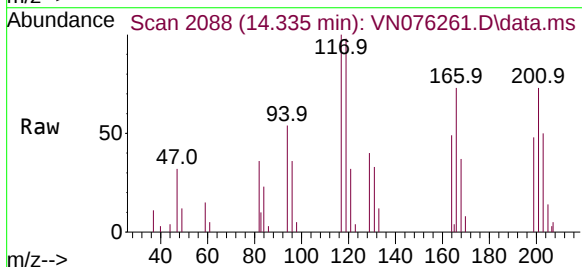
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

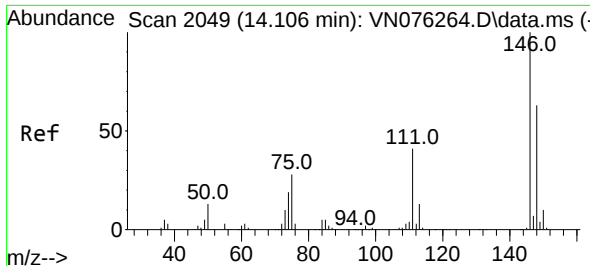
Tgt Ion:	91	Resp:	44065
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.3	78.9
134	27.6	13.2	39.5



#90
Hexachloroethane
Concen: 4.809 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion:	117	Resp:	10573
Ion	Ratio	Lower	Upper
117	100		
201	74.0	37.3	111.9

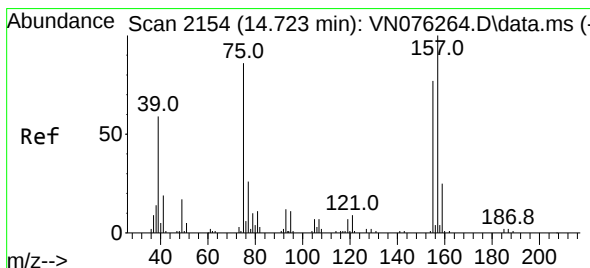
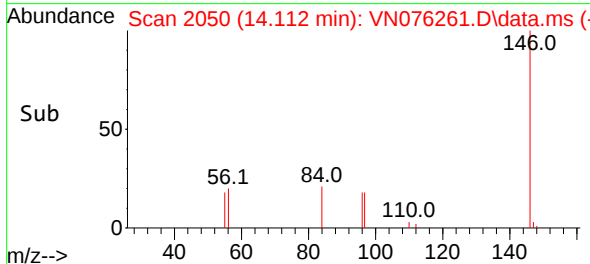
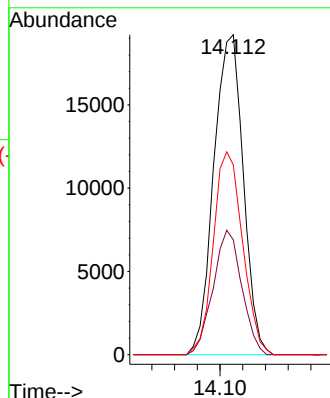
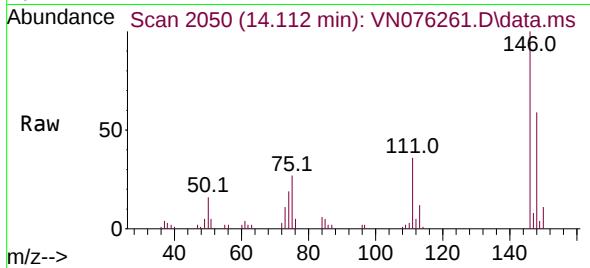




#91
1,2-Dichlorobenzene
Concen: 5.021 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

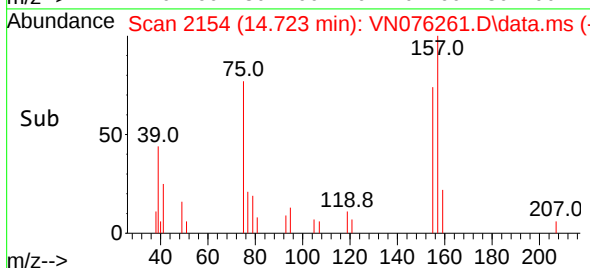
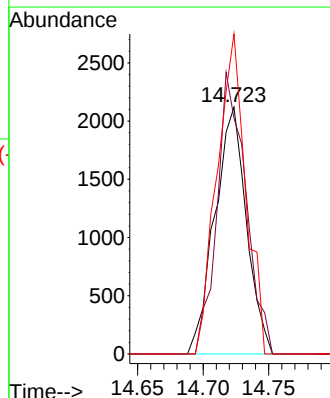
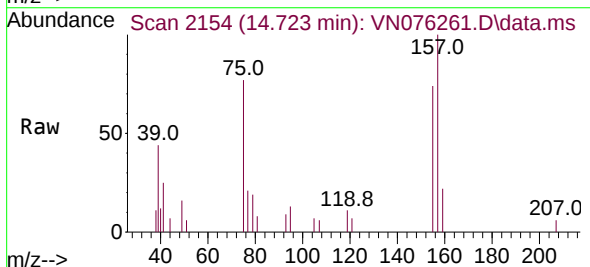
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

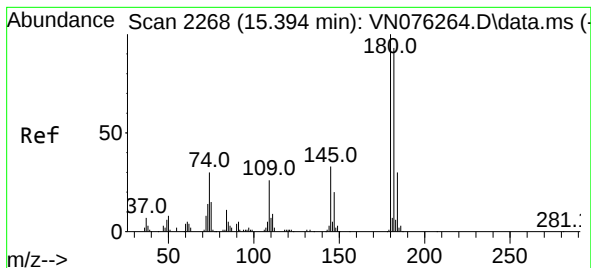
Tgt Ion:146 Resp: 34611
Ion Ratio Lower Upper
146 100
111 37.9 20.3 60.8
148 63.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.863 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076261.D
Acq: 16 Jan 2023 10:54

Tgt Ion: 75 Resp: 3560
Ion Ratio Lower Upper
75 100
155 103.9 45.0 135.0
157 117.3 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 4.326 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

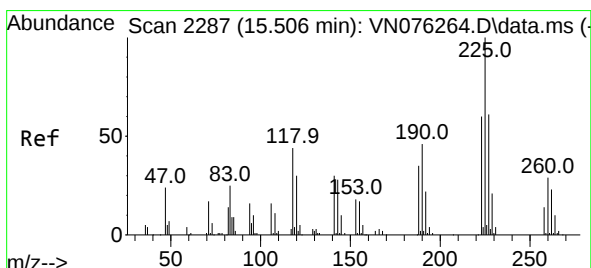
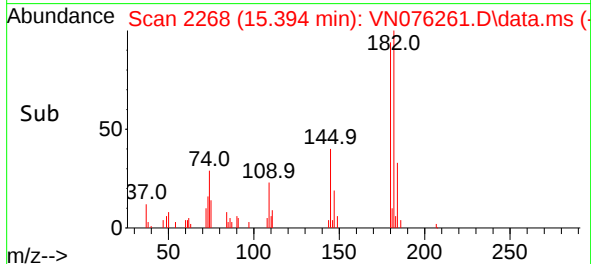
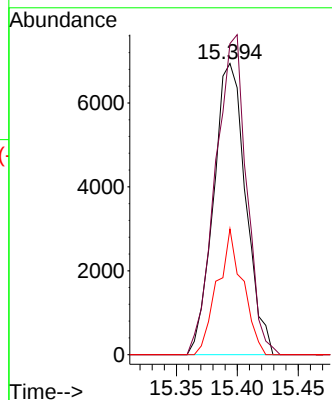
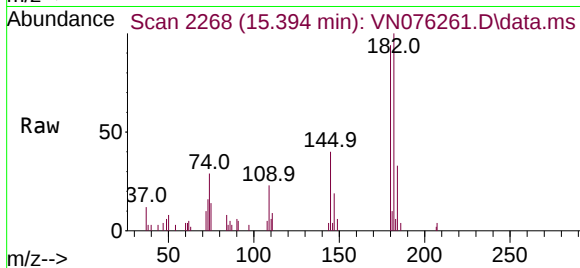
Tgt Ion:180 Resp: 12787

Ion Ratio Lower Upper

180 100

182 105.8 47.0 141.2

145 34.1 15.2 45.5



#94

Hexachlorobutadiene

Concen: 5.168 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.006 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

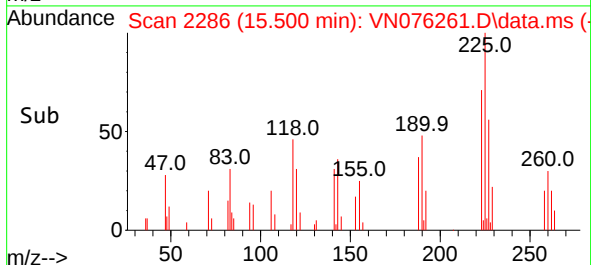
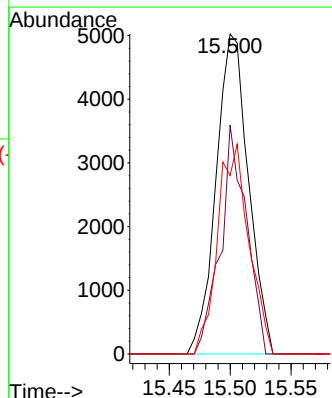
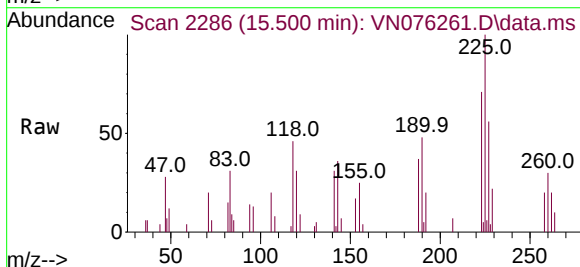
Tgt Ion:225 Resp: 9302

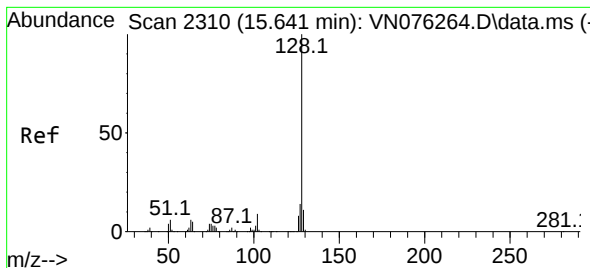
Ion Ratio Lower Upper

225 100

223 57.6 30.8 92.3

227 63.4 30.9 92.8





#95

Naphthalene

Concen: 4.075 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

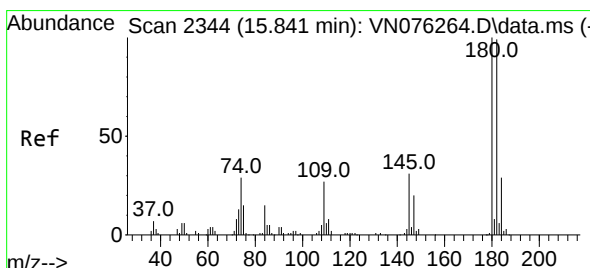
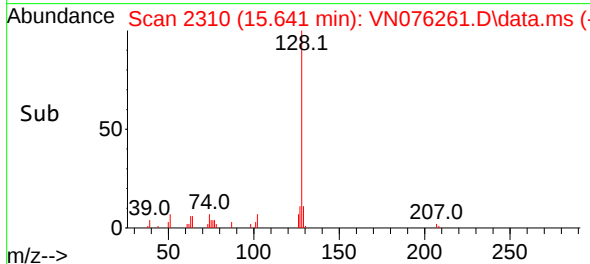
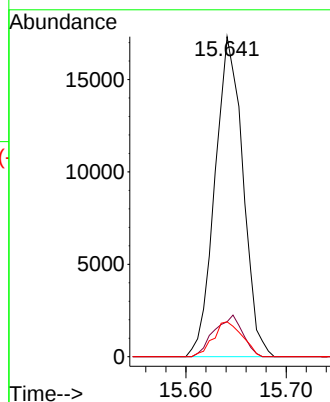
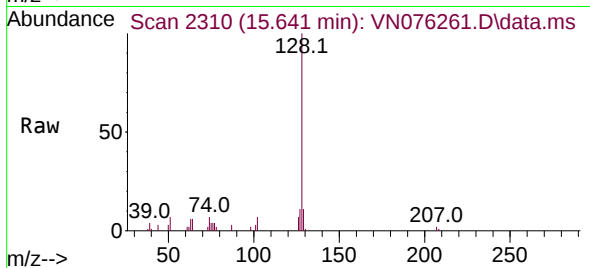
Tgt Ion:128 Resp: 33506

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.409 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN076261.D

Acq: 16 Jan 2023 10:54

Tgt Ion:180 Resp: 12705

Ion Ratio Lower Upper

180 100

182 92.9 47.5 142.5

145 33.8 15.9 47.6

