

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011623\
 Data File : VN076262.D
 Acq On : 16 Jan 2023 11:18
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 17 03:27:05 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	8.229	168	320544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	453787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202701	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	33716	9.394	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	18.780%#
35) Dibromofluoromethane	8.171	113	30456	9.417	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	18.840%#
50) Toluene-d8	10.565	98	109806	9.193	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	18.380%#
62) 4-Bromofluorobenzene	12.853	95	34536	8.857	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	17.720%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	34452	10.710	ug/l	96
3) Chloromethane	2.377	50	34904	10.166	ug/l	99
4) Vinyl Chloride	2.530	62	41852	9.885	ug/l	99
5) Bromomethane	2.977	94	34241	10.026	ug/l	99
6) Chloroethane	3.136	64	31040	10.016	ug/l	92
7) Trichlorofluoromethane	3.512	101	56868	9.909	ug/l	95
8) Diethyl Ether	3.971	74	19183	10.115	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.394	101	34066	10.620	ug/l	97
10) Methyl Iodide	4.600	142	49618	10.001	ug/l	99
11) Tert butyl alcohol	5.530	59	24141	50.287	ug/l	98
12) 1,1-Dichloroethene	4.359	96	30697	10.300	ug/l	98
13) Acrolein	4.194	56	27631	48.128	ug/l	98
14) Allyl chloride	5.041	41	37303	10.671	ug/l	90
15) Acrylonitrile	5.736	53	67502	48.900	ug/l	97
16) Acetone	4.447	43	59437	50.088	ug/l	97
17) Carbon Disulfide	4.724	76	75610	10.080	ug/l	97
18) Methyl Acetate	5.041	43	38840	10.024	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	98404	9.920	ug/l	96
20) Methylene Chloride	5.294	84	35269	9.876	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	32099	9.742	ug/l	98
22) Diisopropyl ether	6.683	45	85802	10.074	ug/l	97
23) Vinyl Acetate	6.618	43	264462	48.907	ug/l	99
24) 1,1-Dichloroethane	6.583	63	57517	10.065	ug/l	99
25) 2-Butanone	7.494	43	88191	51.059	ug/l	99
26) 2,2-Dichloropropane	7.494	77	46879	9.608	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	37916	9.763	ug/l	99
28) Bromochloromethane	7.818	49	21348	9.258	ug/l	99
29) Tetrahydrofuran	7.841	42	55875	51.498	ug/l	98
30) Chloroform	7.971	83	62299	9.800	ug/l	98
31) Cyclohexane	8.265	56	56096	10.174	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	56305	9.941	ug/l	93
36) 1,1-Dichloropropene	8.377	75	44575	9.722	ug/l	98
37) Ethyl Acetate	7.565	43	33601	9.234	ug/l #	92
38) Carbon Tetrachloride	8.365	117	50624	9.912	ug/l	97
39) Methylcyclohexane	9.606	83	54271	9.785	ug/l	99
40) Benzene	8.612	78	136726	10.014	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	20080	10.711	ug/l	98
42) 1,2-Dichloroethane	8.671	62	46352	9.879	ug/l	98
43) Isopropyl Acetate	8.694	43	58576	7.427	ug/l	97
44) Trichloroethene	9.353	130	38467	10.031	ug/l	97
45) 1,2-Dichloropropane	9.623	63	32522	9.929	ug/l	92
46) Dibromomethane	9.712	93	24351	9.915	ug/l	97
47) Bromodichloromethane	9.888	83	47459	9.985	ug/l	94
48) Methyl methacrylate	9.682	41	26795	9.851	ug/l	98
49) 1,4-Dioxane	9.694	88	11604	197.159	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	176417	50.473	ug/l	98
52) Toluene	10.629	92	92447	10.255	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	44067	9.714	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	52278	10.133	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	34782	10.151	ug/l	93
56) Ethyl methacrylate	10.876	69	42444	9.481	ug/l	93
57) 1,3-Dichloropropane	11.165	76	56103	10.139	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	72411	48.184	ug/l	100
59) 2-Hexanone	11.194	43	124902	49.680	ug/l	98
60) Dibromochloromethane	11.359	129	36578	9.758	ug/l	100
61) 1,2-Dibromoethane	11.470	107	35181	10.138	ug/l	98
64) Tetrachloroethene	11.106	164	41762	10.419	ug/l	99
65) Chlorobenzene	11.894	112	95693	10.069	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	35576	10.065	ug/l	99
67) Ethyl Benzene	11.965	91	165217	10.111	ug/l	96
68) m/p-Xylenes	12.070	106	131940	20.442	ug/l	99
69) o-Xylene	12.400	106	64085	10.127	ug/l	98
70) Styrene	12.412	104	99564	9.940	ug/l	99
71) Bromoform	12.576	173	24549	9.585	ug/l #	98
73) Isopropylbenzene	12.700	105	163800	10.592	ug/l	100
74) N-amyl acetate	12.494	43	45088	10.336	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	43747	9.625	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	54422	13.048	ug/l	87
77) Bromobenzene	12.982	156	40112	10.397	ug/l	97
78) n-propylbenzene	13.035	91	178798	10.459	ug/l	100
79) 2-Chlorotoluene	13.129	91	109634	10.296	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	137585	10.572	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	11062	9.080	ug/l	90
82) 4-Chlorotoluene	13.129	91	109634	10.296	ug/l	100
83) tert-Butylbenzene	13.441	119	122723	10.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	138168	10.872	ug/l	99
85) sec-Butylbenzene	13.617	105	164588	10.401	ug/l	100
86) p-Isopropyltoluene	13.729	119	135432	10.488	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	71354	10.089	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	70033	9.978	ug/l	99
89) n-Butylbenzene	14.059	91	101141	9.895	ug/l	98
90) Hexachloroethane	14.329	117	22281	9.800	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	71367	10.012	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	7288	9.627	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	30695	10.043	ug/l	98
94) Hexachlorobutadiene	15.505	225	18333	9.849	ug/l	96
95) Naphthalene	15.641	128	80951	9.521	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	30742	10.316	ug/l	95

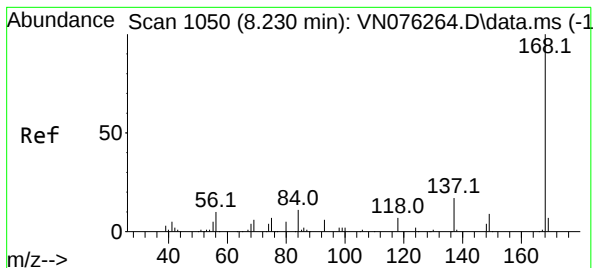
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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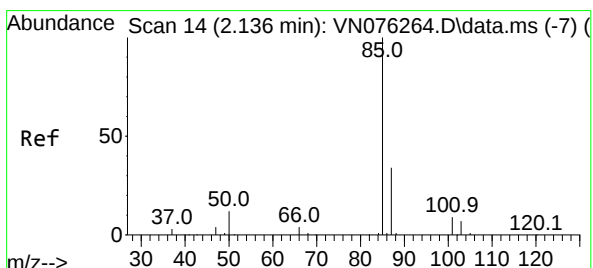
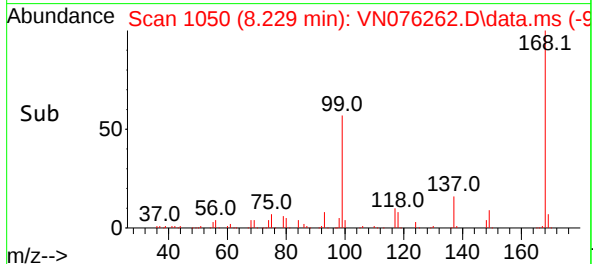
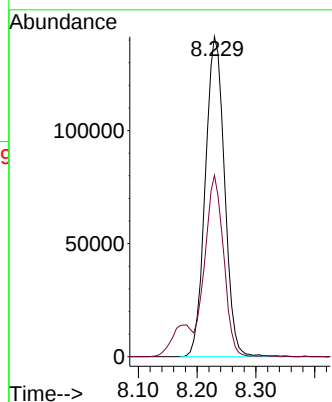
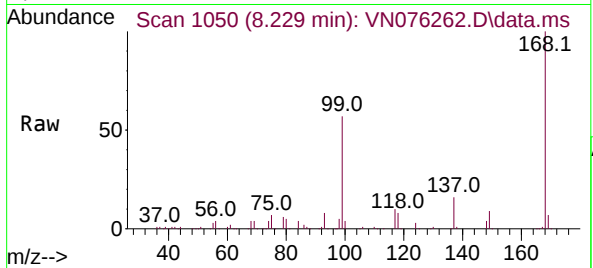
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076262.D
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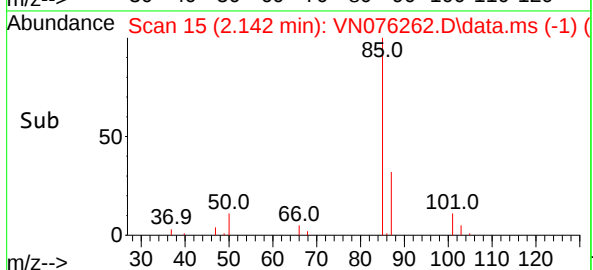
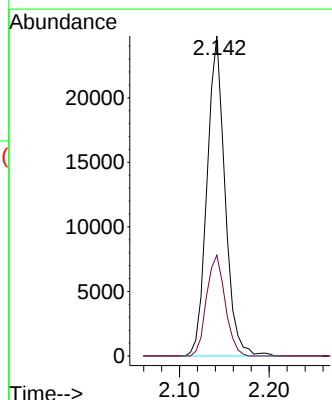
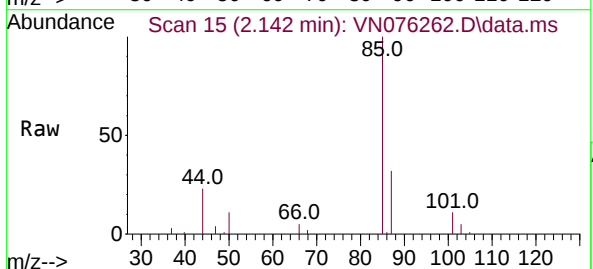
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:168 Resp: 320544
Ion Ratio Lower Upper
168 100
99 56.7 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 10.710 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 85 Resp: 34452
Ion Ratio Lower Upper
85 100
87 31.5 17.1 51.2

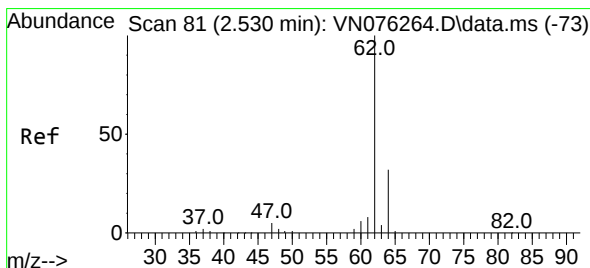
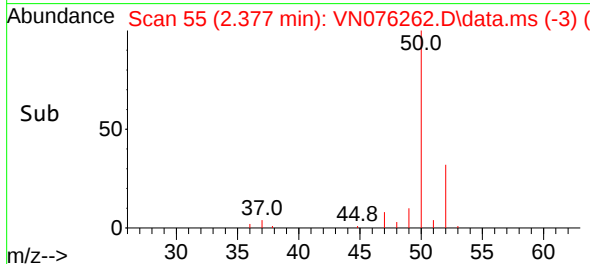
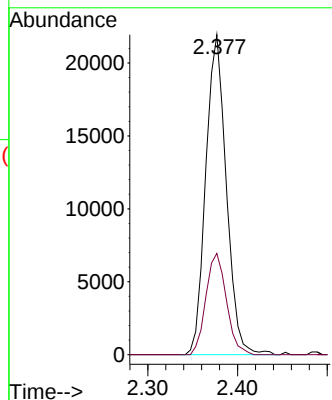
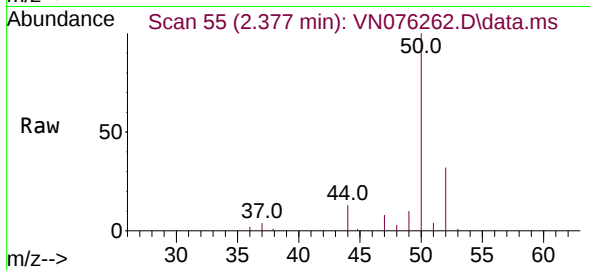




#3
Chloromethane
Concen: 10.166 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

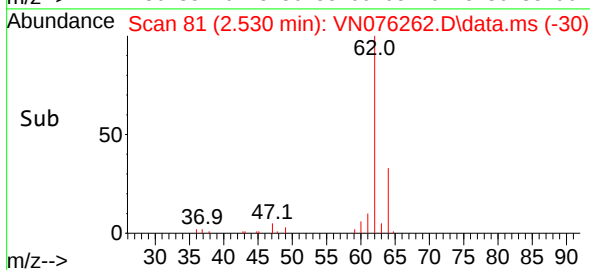
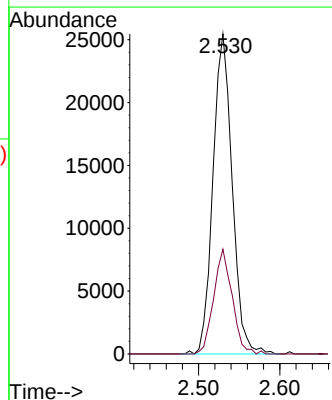
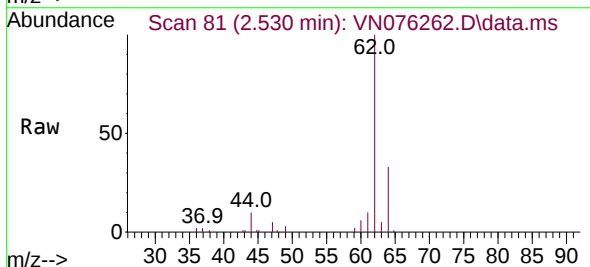
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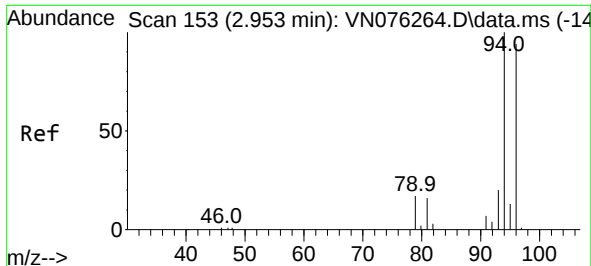
Tgt Ion: 50 Resp: 34904
Ion Ratio Lower Upper
50 100
52 31.7 24.8 37.2



#4
Vinyl Chloride
Concen: 9.885 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 62 Resp: 41852
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.6

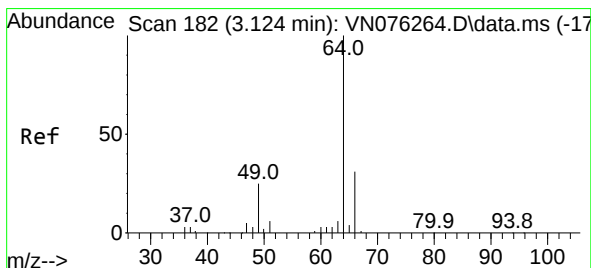
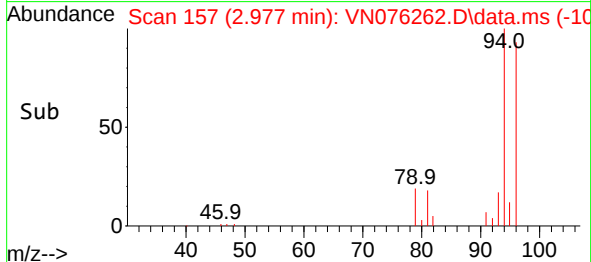
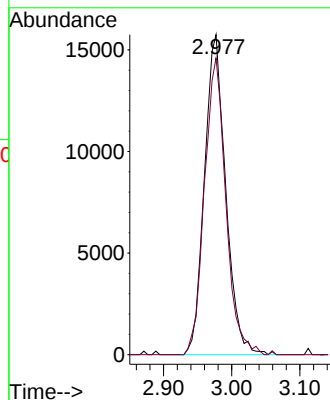
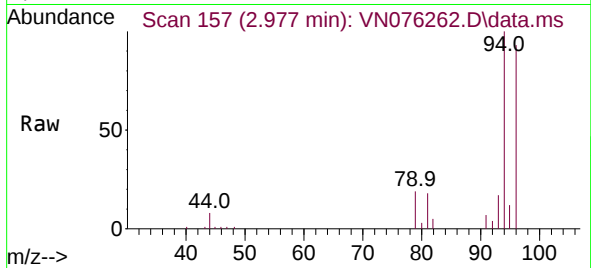




#5
Bromomethane
Concen: 10.026 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

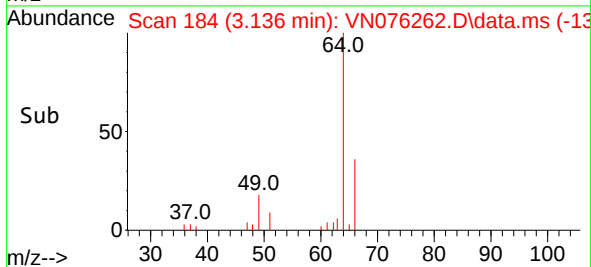
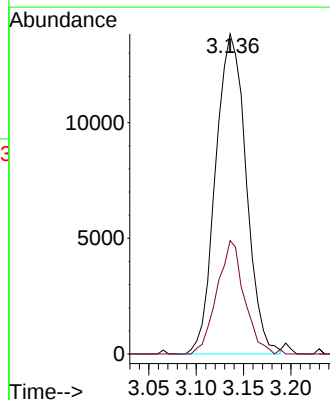
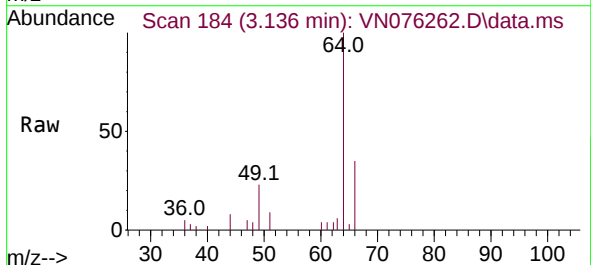
Instrument :
MSVOA_N
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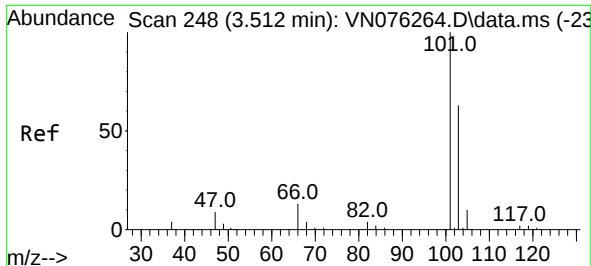
Tgt Ion: 94 Resp: 34241
Ion Ratio Lower Upper
94 100
96 92.7 75.1 112.7



#6
Chloroethane
Concen: 10.016 ug/l
RT: 3.136 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 64 Resp: 31040
Ion Ratio Lower Upper
64 100
66 35.5 24.8 37.2

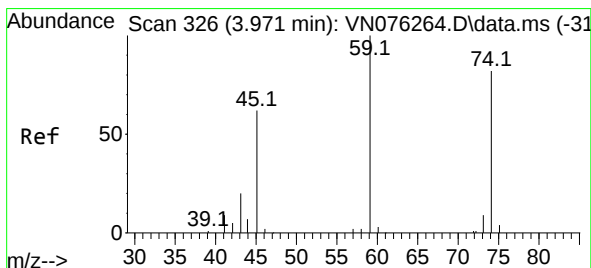
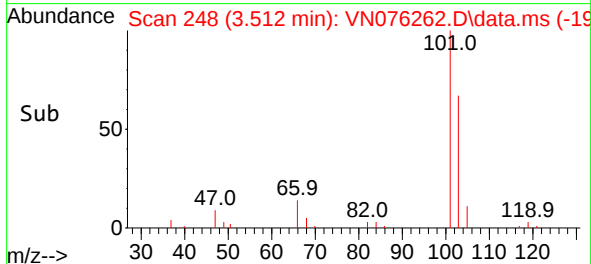
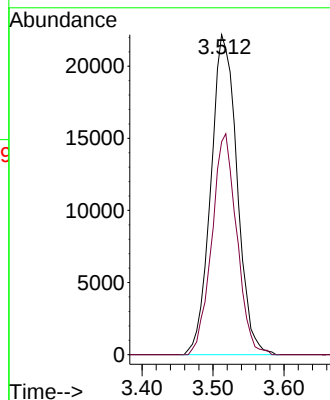
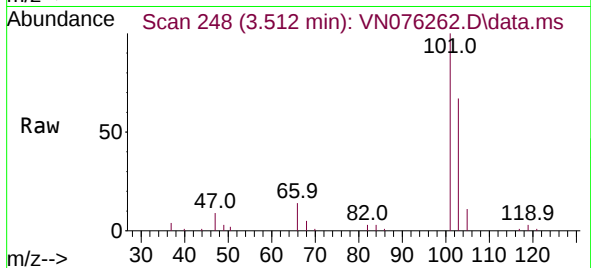




#7
 Trichlorofluoromethane
 Concen: 9.909 ug/l
 RT: 3.512 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VN076262.D
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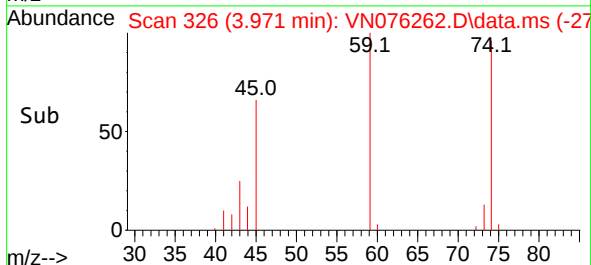
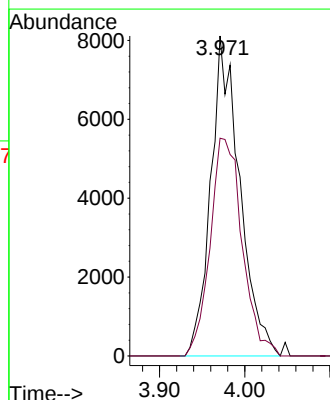
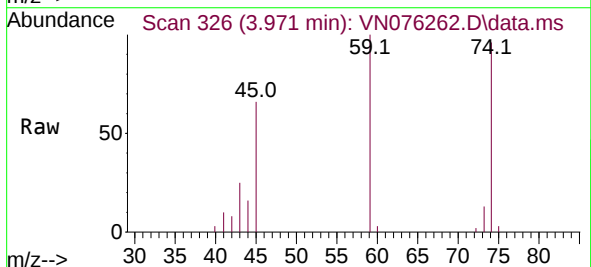
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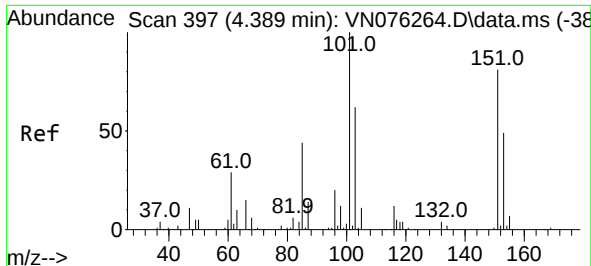
Tgt Ion:101 Resp: 56868
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.2 75.4



#8
 Diethyl Ether
 Concen: 10.115 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.000 min
 Lab File: VN076262.D
 Acq: 16 Jan 2023 11:18

Tgt Ion: 74 Resp: 19183
 Ion Ratio Lower Upper
 74 100
 45 75.0 37.8 113.3

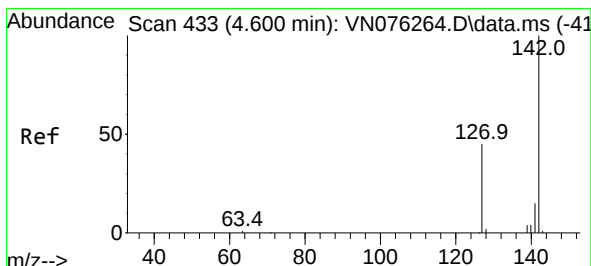
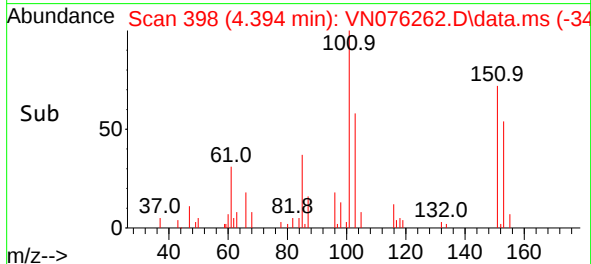
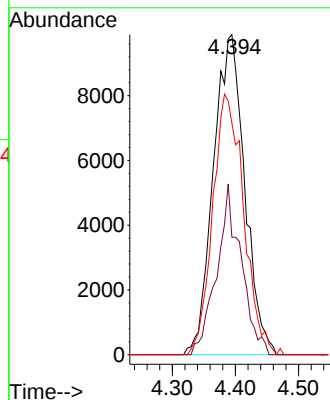
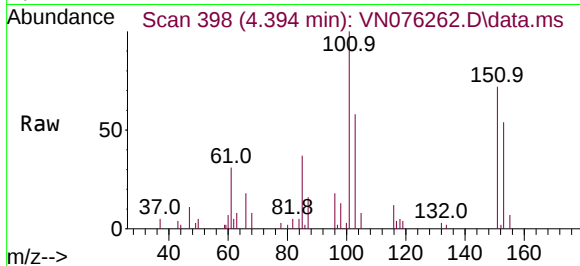




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.620 ug/l
RT: 4.394 min Scan# 398
Delta R.T. 0.006 min
Lab File: VN076262.D
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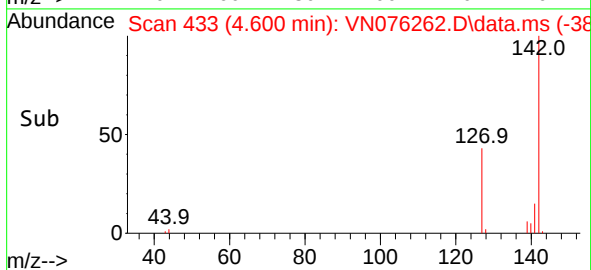
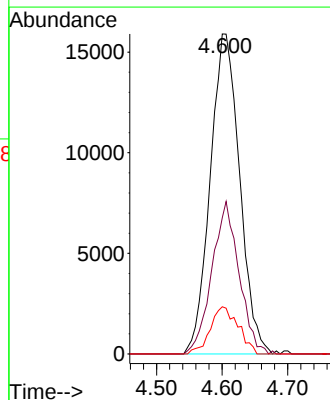
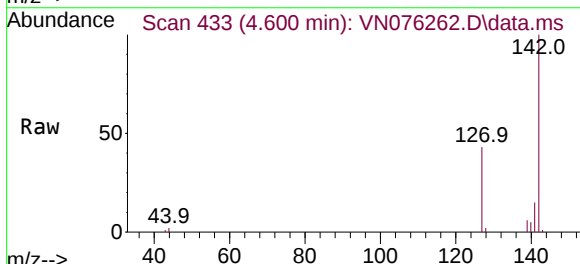
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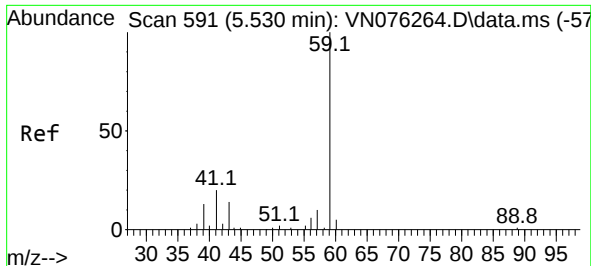
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Ion Ratio Lower Upper
101 100
85 41.6 35.5 53.3
151 80.1 65.5 98.3



#10
Methyl Iodide
Concen: 10.001 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion:142 Resp: 49618
Ion Ratio Lower Upper
142 100
127 44.0 35.0 52.4
141 14.0 11.5 17.3

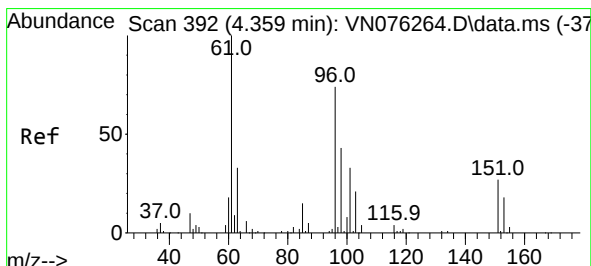
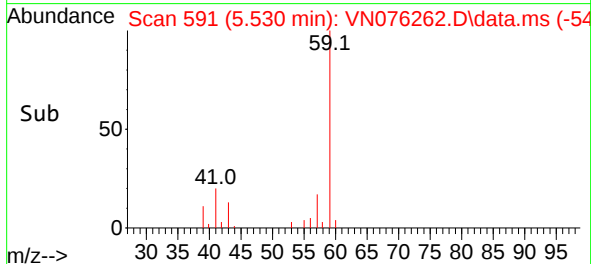
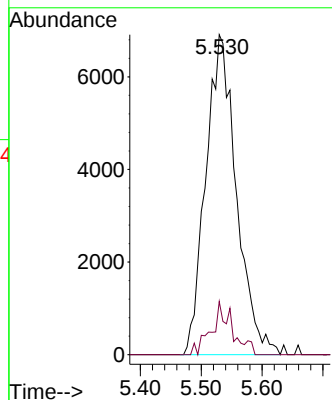
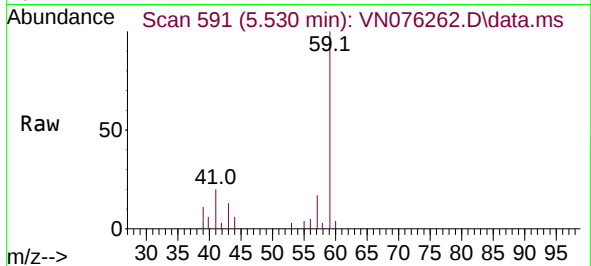




#11
Tert butyl alcohol
Concen: 50.287 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

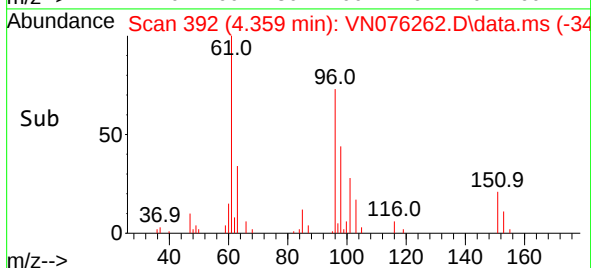
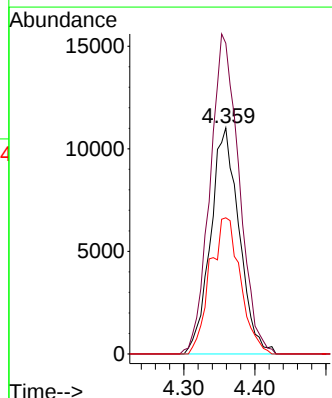
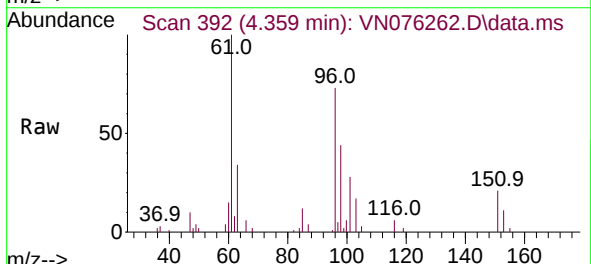
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 59 Resp: 24141
Ion Ratio Lower Upper
59 100
57 11.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 10.300 ug/l
RT: 4.359 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 96 Resp: 30697
Ion Ratio Lower Upper
96 100
61 137.5 108.2 162.4
98 60.3 47.0 70.6

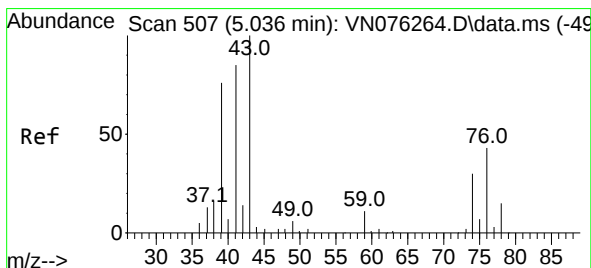
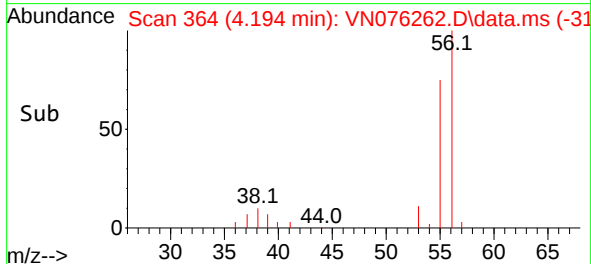
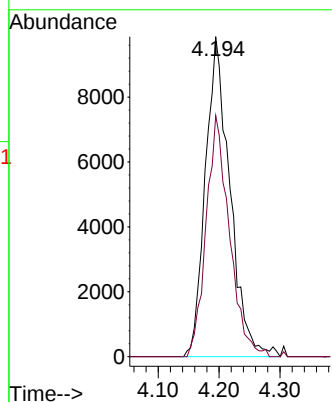
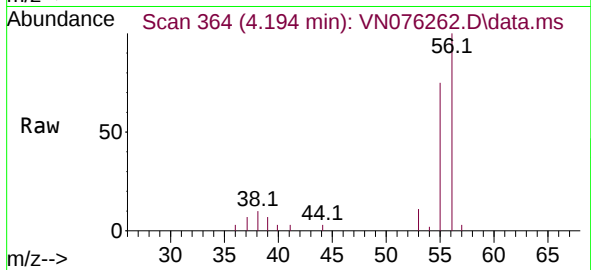




#13
Acrolein
Concen: 48.128 ug/l
RT: 4.194 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

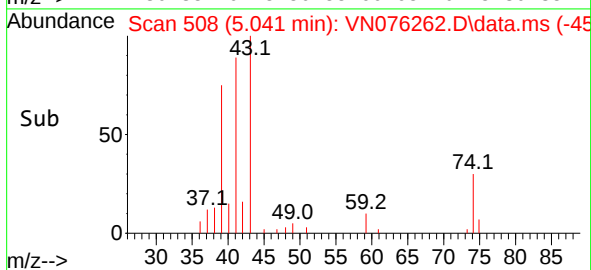
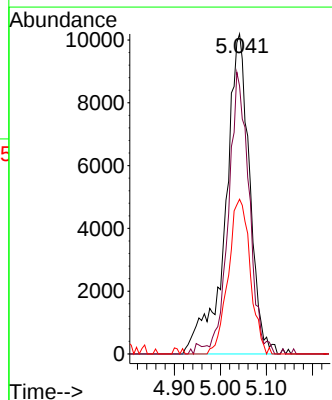
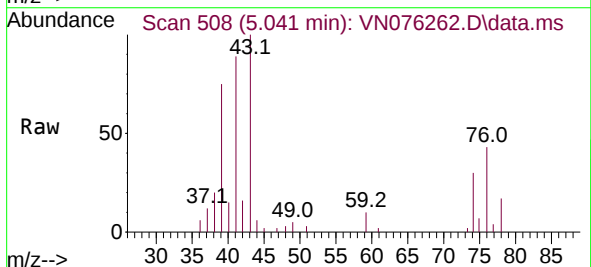
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

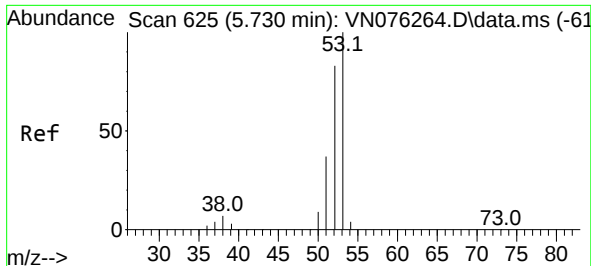
Tgt Ion: 56 Resp: 27631
Ion Ratio Lower Upper
56 100
55 71.5 55.8 83.6



#14
Allyl chloride
Concen: 10.671 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 41 Resp: 37303
Ion Ratio Lower Upper
41 100
39 74.2 67.4 101.0
76 43.6 39.8 59.8

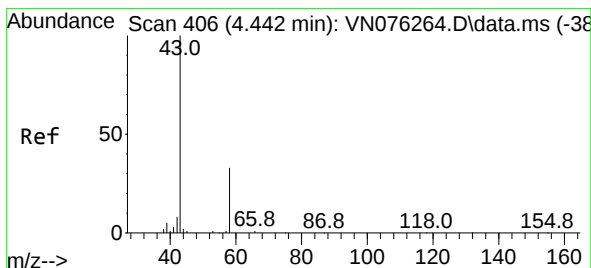
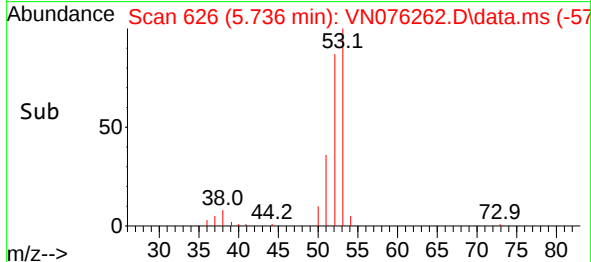
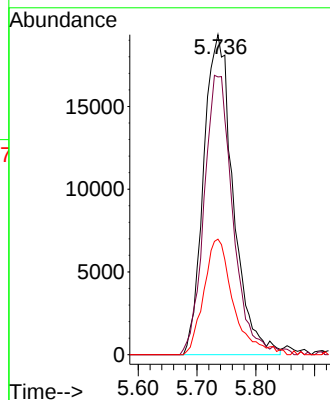
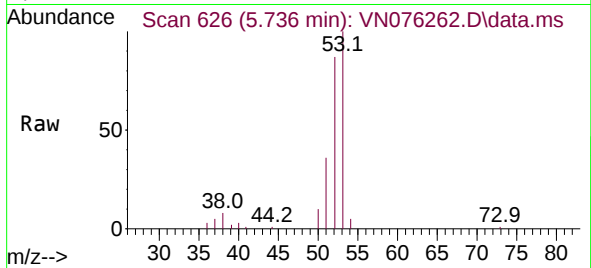




#15
Acrylonitrile
Concen: 48.900 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

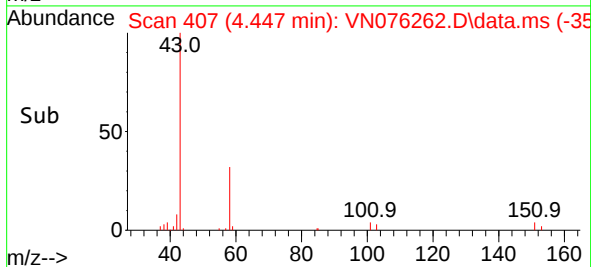
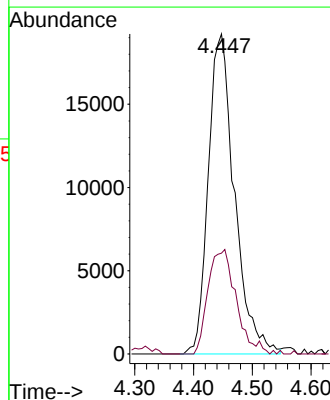
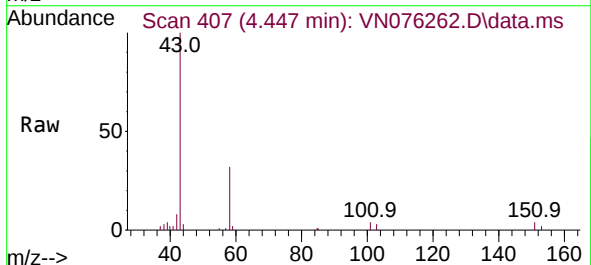
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

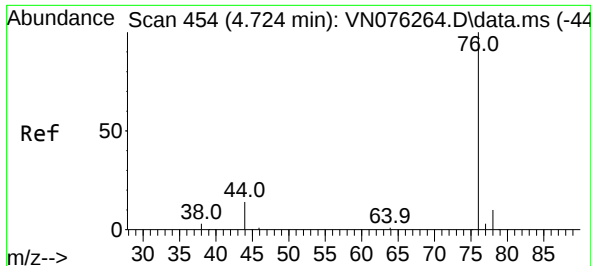
Tgt Ion: 53 Resp: 67502
Ion Ratio Lower Upper
53 100
52 84.9 64.7 97.1
51 36.1 29.2 43.8



#16
Acetone
Concen: 50.088 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 43 Resp: 59437
Ion Ratio Lower Upper
43 100
58 31.5 26.7 40.1

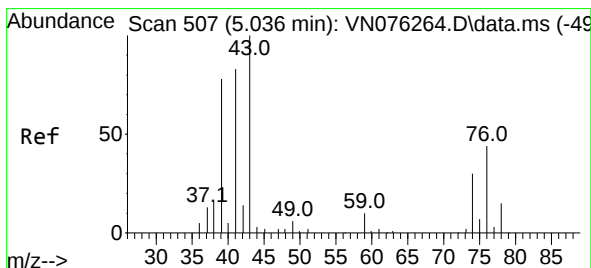
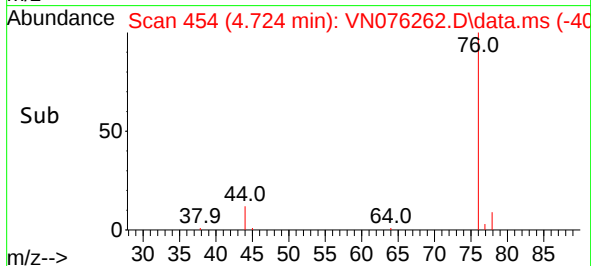
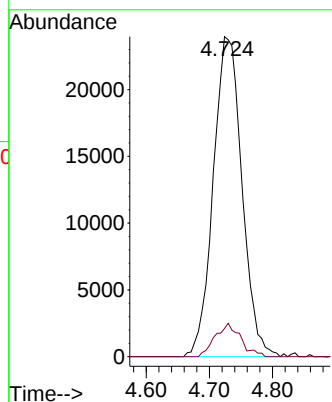
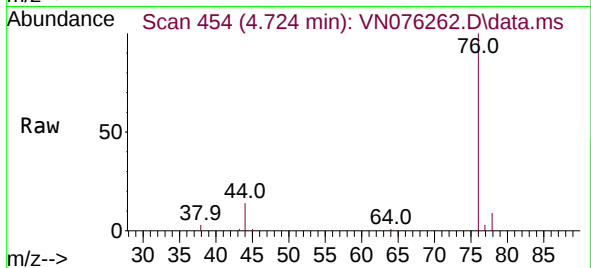




#17
Carbon Disulfide
Concen: 10.080 ug/l
RT: 4.724 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

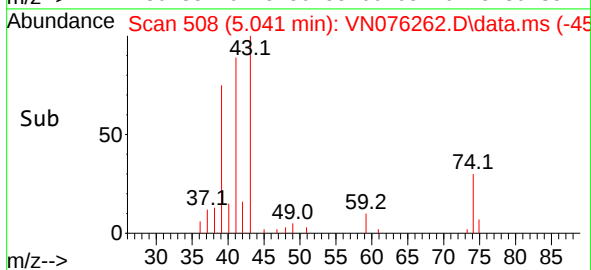
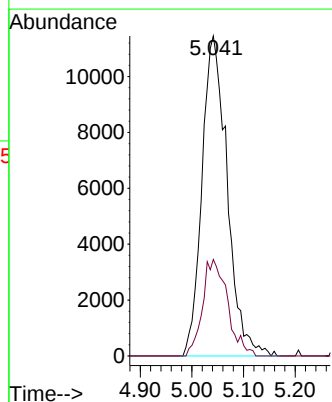
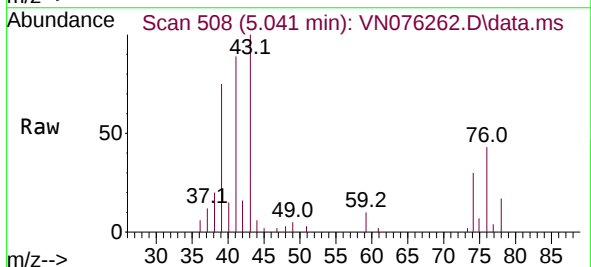
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

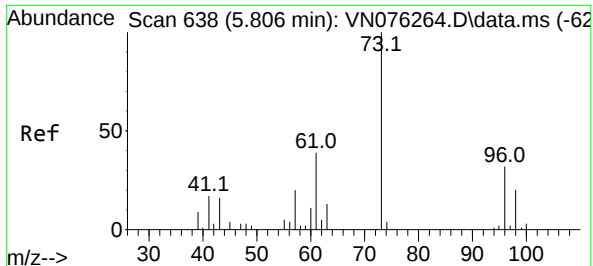
Tgt Ion: 76 Resp: 75610
Ion Ratio Lower Upper
76 100
78 8.8 8.0 12.0



#18
Methyl Acetate
Concen: 10.024 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 43 Resp: 38840
Ion Ratio Lower Upper
43 100
74 29.8 23.3 34.9

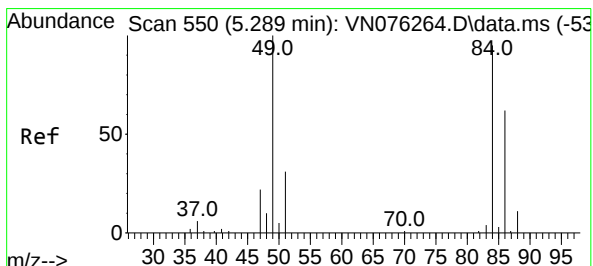
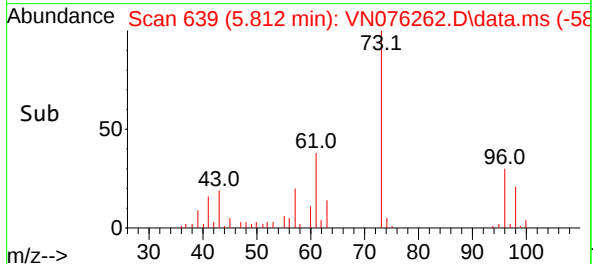
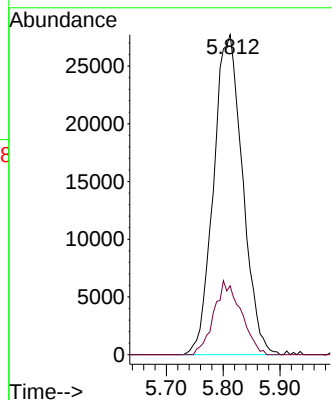
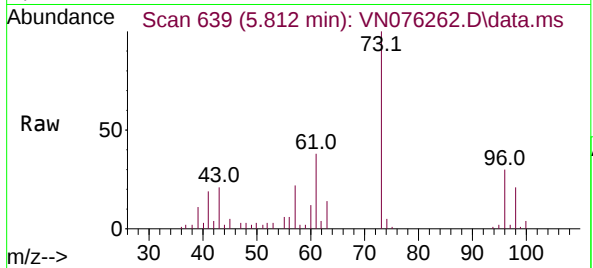




#19
Methyl tert-butyl Ether
Concen: 9.920 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

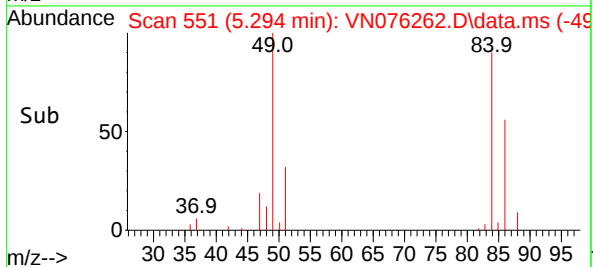
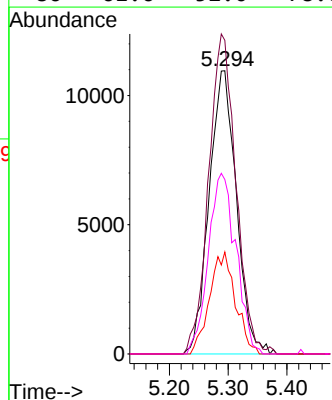
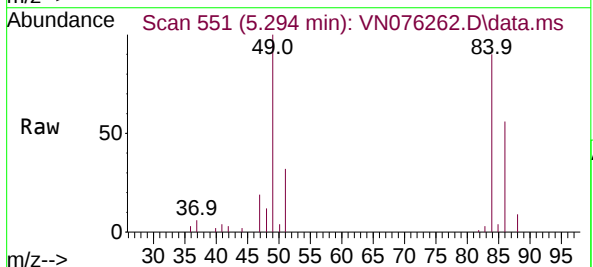
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

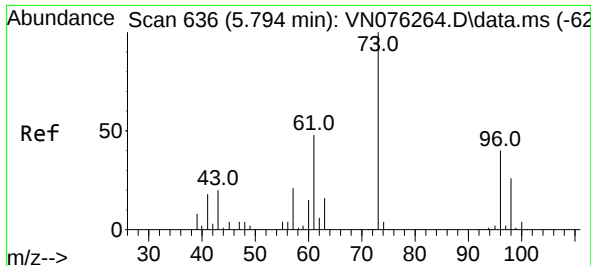
Tgt Ion: 73 Resp: 98404
Ion Ratio Lower Upper
73 100
57 21.5 15.9 23.9



#20
Methylene Chloride
Concen: 9.876 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 84 Resp: 35269
Ion Ratio Lower Upper
84 100
49 110.7 84.5 126.7
51 36.0 26.0 39.0
86 61.6 52.0 78.0

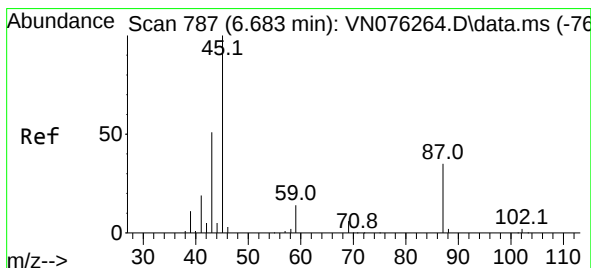
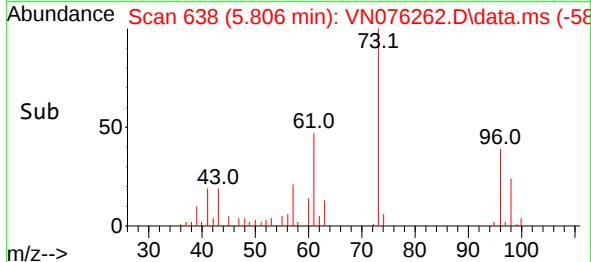
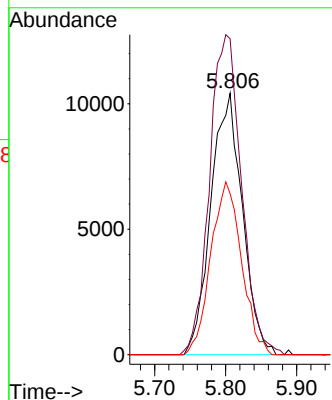
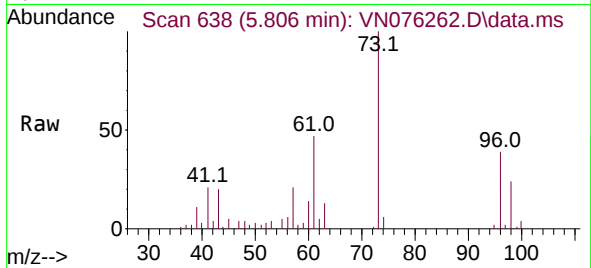




#21
trans-1,2-Dichloroethene
Concen: 9.742 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

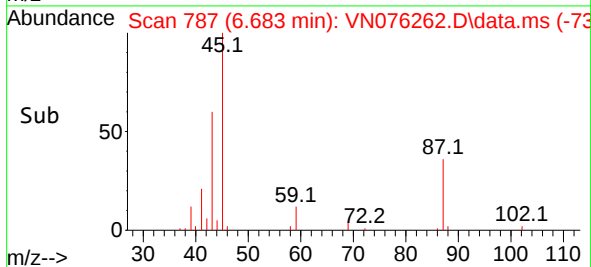
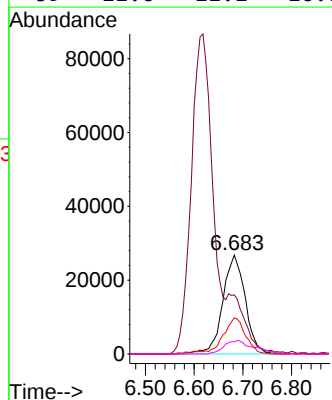
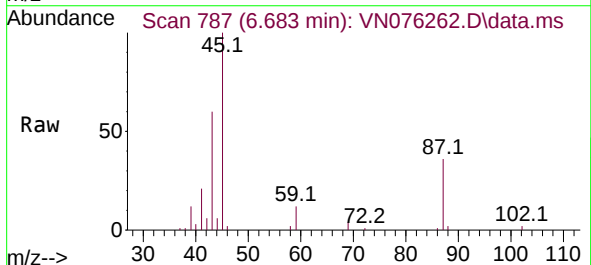
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 32099
Ion Ratio Lower Upper
96 100
61 120.8 97.0 145.4
98 61.6 51.9 77.9



#22
Diisopropyl ether
Concen: 10.074 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 45 Resp: 85802
Ion Ratio Lower Upper
45 100
43 57.8 44.4 66.6
87 36.5 28.4 42.6
59 11.6 11.1 16.7

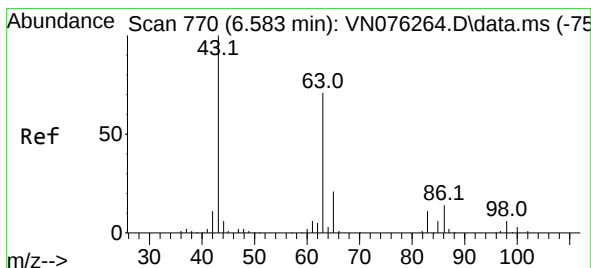
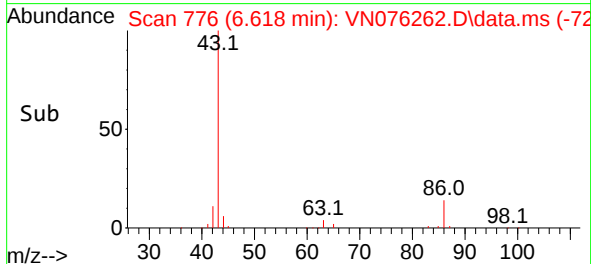
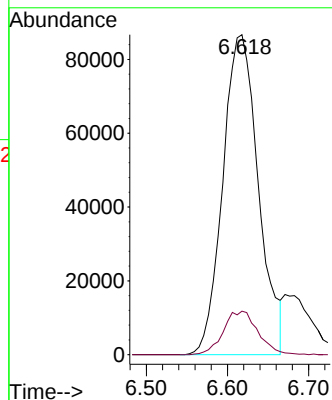
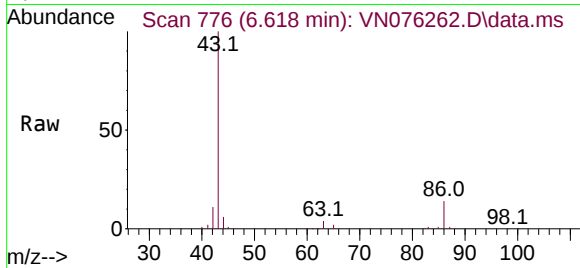




#23
 Vinyl Acetate
 Concen: 48.907 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VN076262.D
 Acq: 16 Jan 2023 11:18

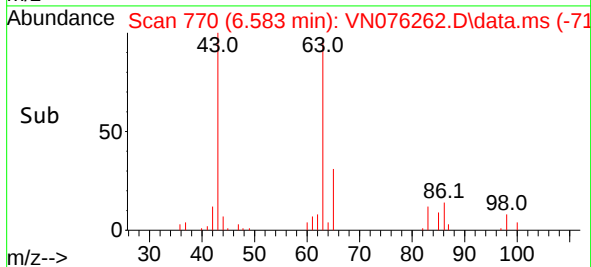
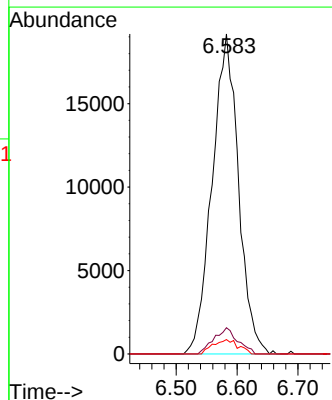
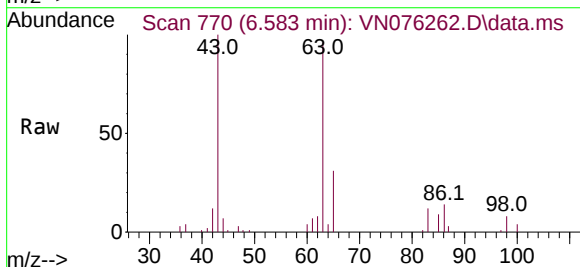
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

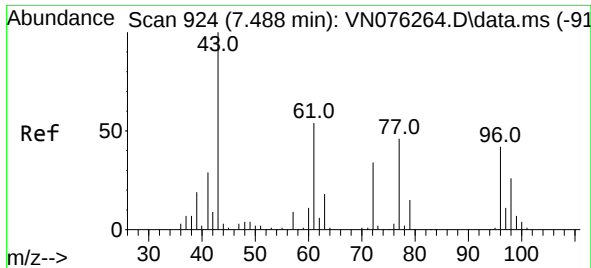
Tgt Ion: 43 Resp: 264462
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 10.065 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076262.D
 Acq: 16 Jan 2023 11:18

Tgt Ion: 63 Resp: 57517
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.7
 100 4.5 2.2 6.6

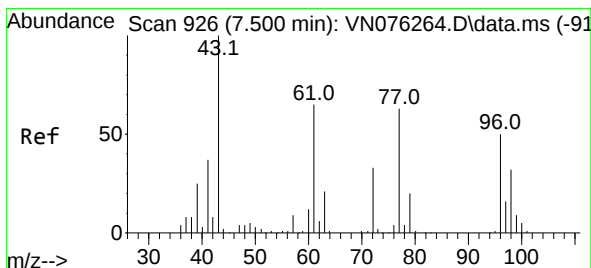
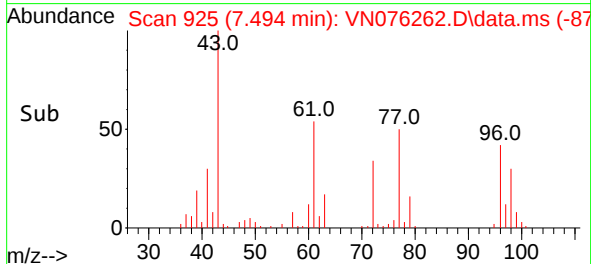
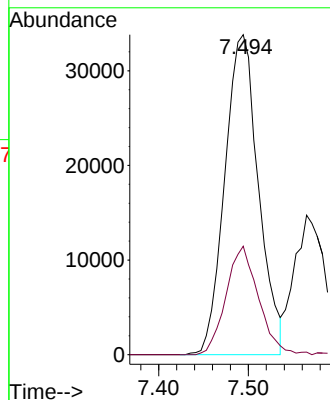
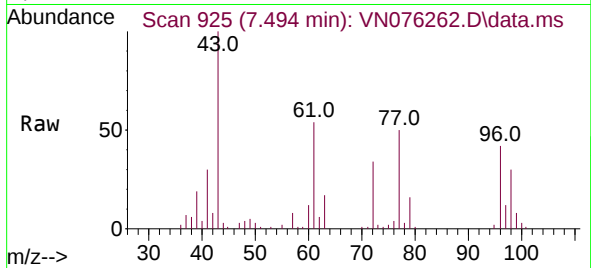




#25
2-Butanone
Concen: 51.059 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

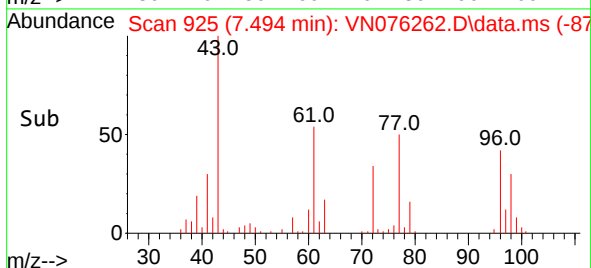
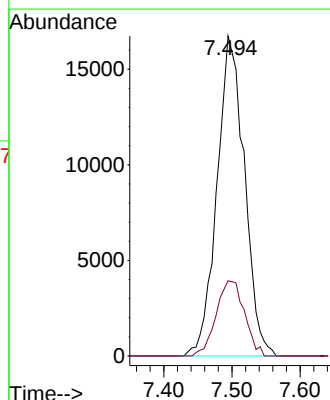
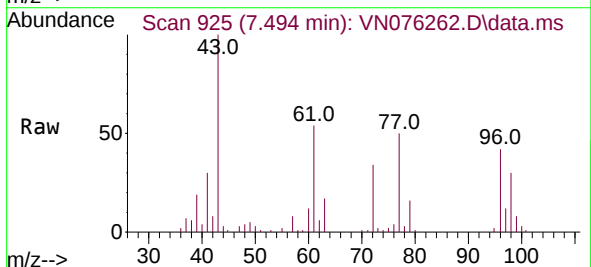
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

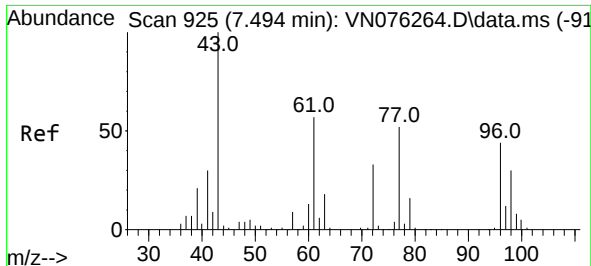
Tgt Ion: 43 Resp: 88191
Ion Ratio Lower Upper
43 100
72 33.9 27.4 41.2



#26
2,2-Dichloropropane
Concen: 9.608 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 77 Resp: 46879
Ion Ratio Lower Upper
77 100
97 24.2 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 9.763 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

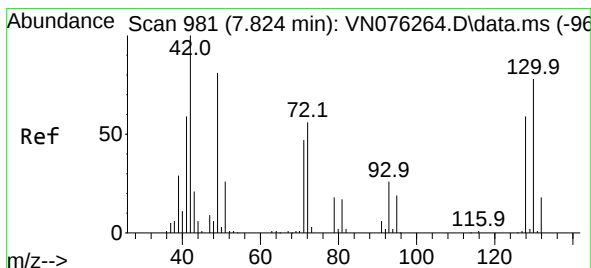
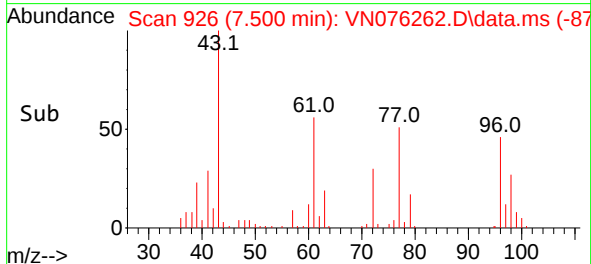
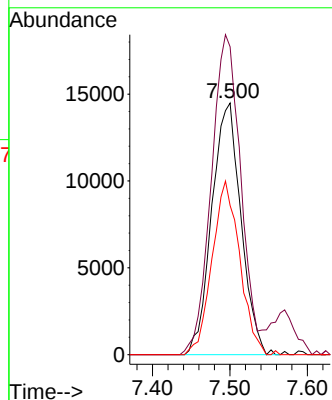
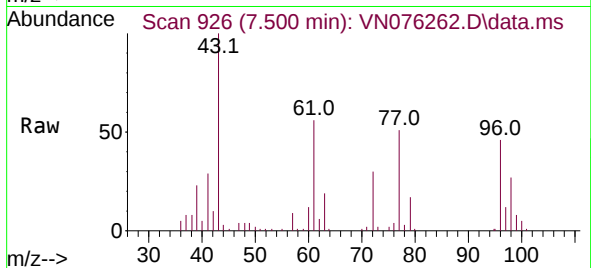
Tgt Ion: 96 Resp: 37916

Ion Ratio Lower Upper

96 100

61 128.5 0.0 259.6

98 65.4 0.0 129.4



#28

Bromochloromethane

Concen: 9.258 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.006 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

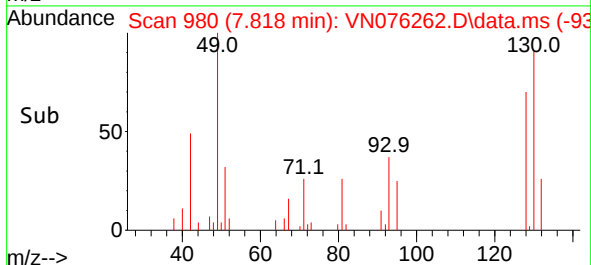
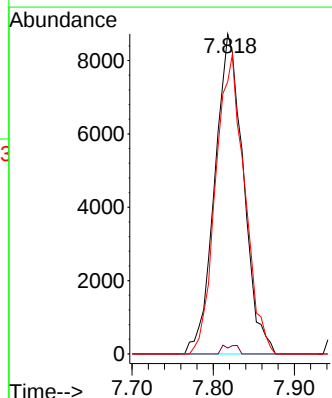
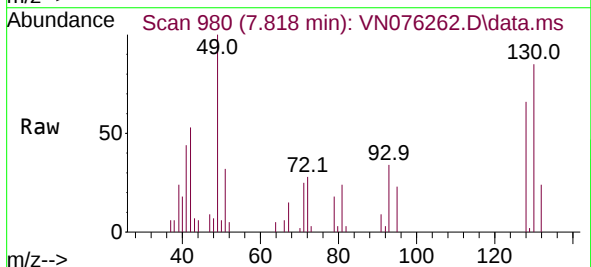
Tgt Ion: 49 Resp: 21348

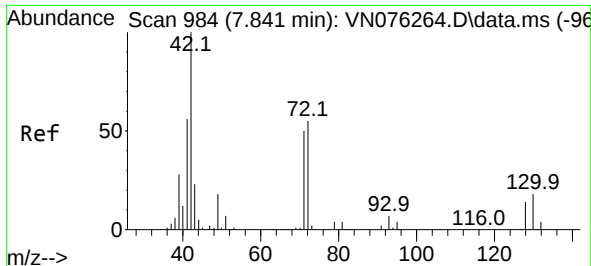
Ion Ratio Lower Upper

49 100

129 1.4 0.0 5.2

130 94.4 76.0 114.0

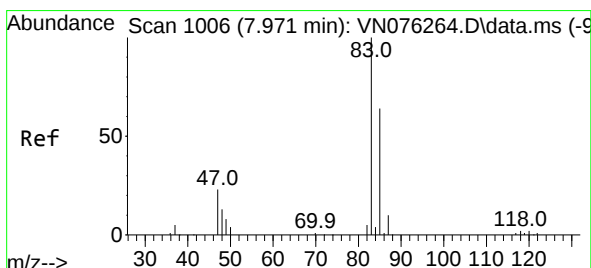
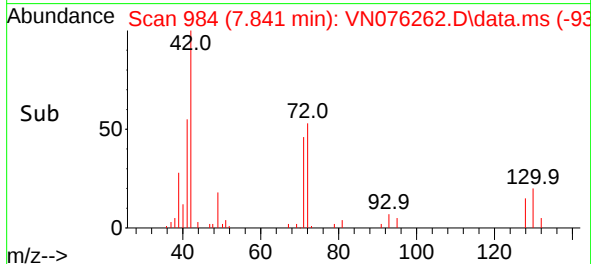
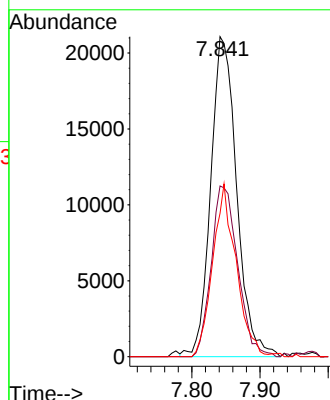
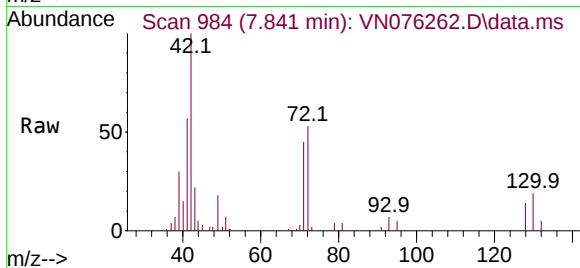




#29
Tetrahydrofuran
Concen: 51.498 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

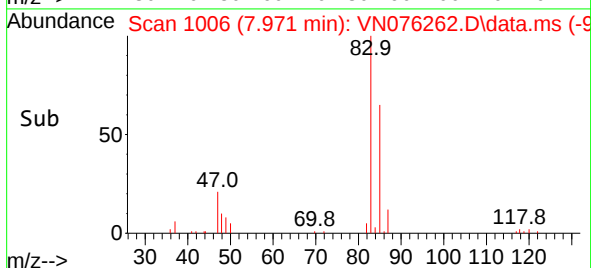
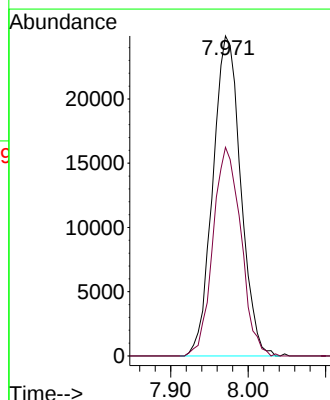
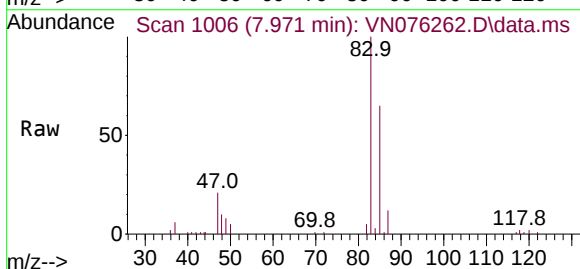
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

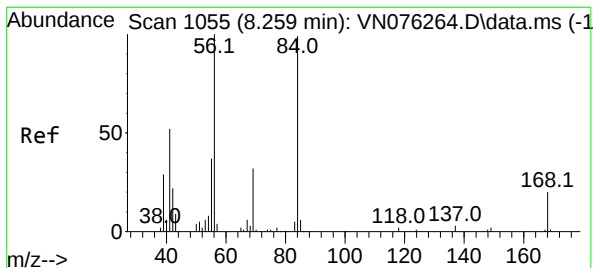
Tgt Ion:	42	Resp:	55875
Ion	Ratio	Lower	Upper
42	100		
72	54.4	44.0	66.0
71	48.7	41.1	61.7



#30
Chloroform
Concen: 9.800 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion:	83	Resp:	62299
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.0	76.6





#31

Cyclohexane

Concen: 10.174 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

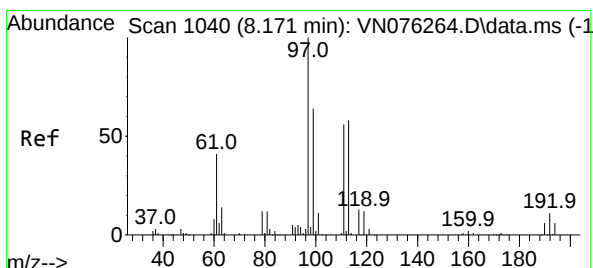
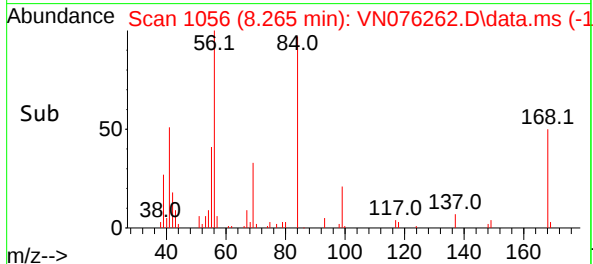
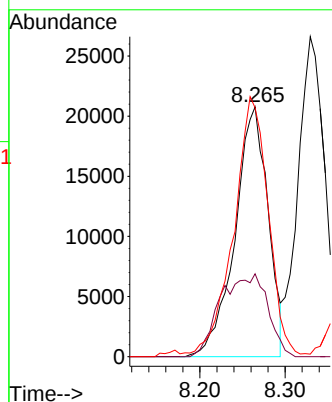
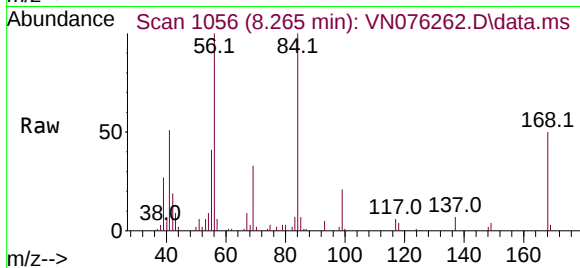
Tgt Ion: 56 Resp: 56096

Ion Ratio Lower Upper

56 100

69 33.2 25.8 38.8

84 98.5 79.0 118.4



#32

1,1,1-Trichloroethane

Concen: 9.941 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

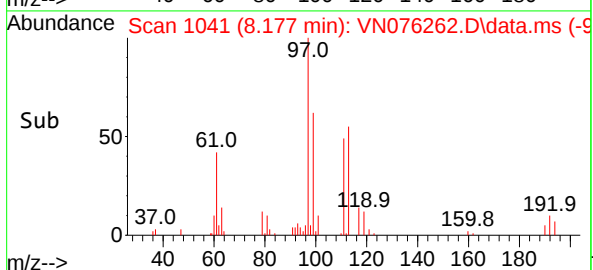
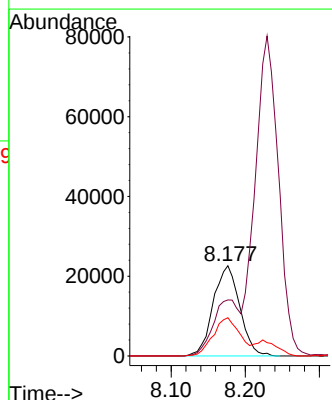
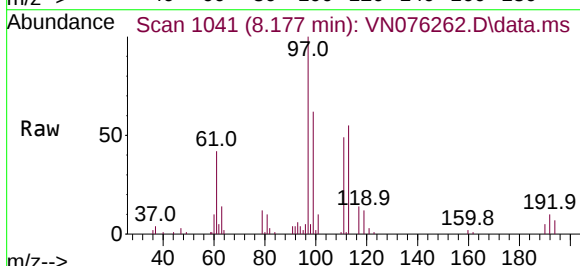
Tgt Ion: 97 Resp: 56305

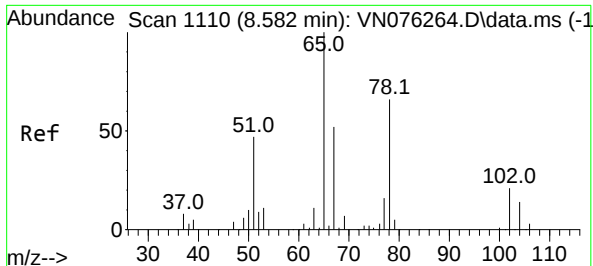
Ion Ratio Lower Upper

97 100

99 62.0 55.0 82.4

61 42.5 36.2 54.4

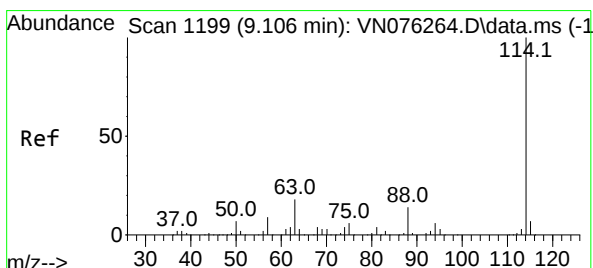
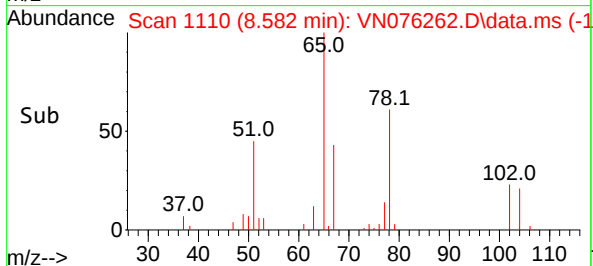
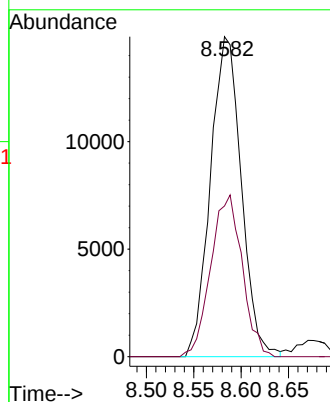
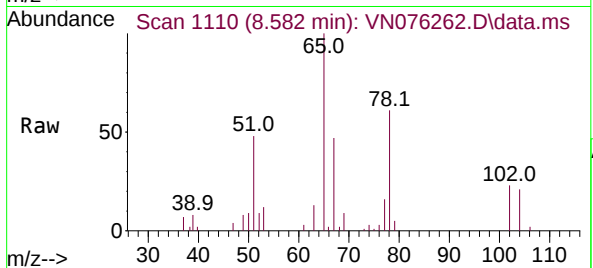




#33
 1,2-Dichloroethane-d4
 Concen: 9.394 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. -0.000 min
 Lab File: VN076262.D
 Acq: 16 Jan 2023 11:18

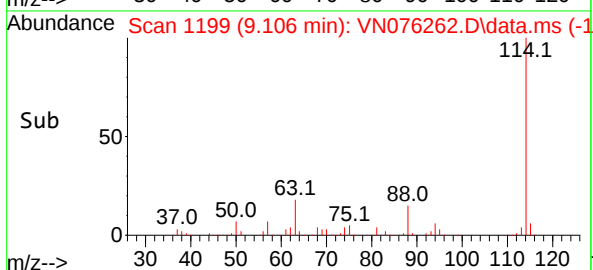
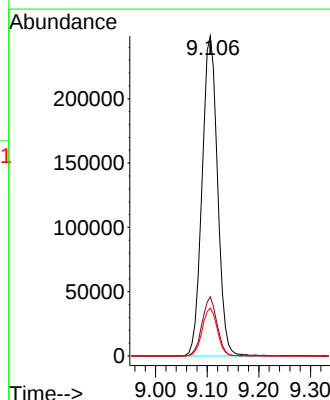
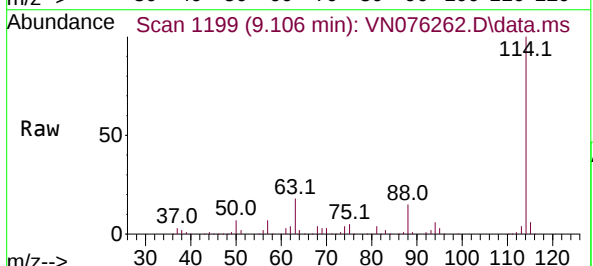
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

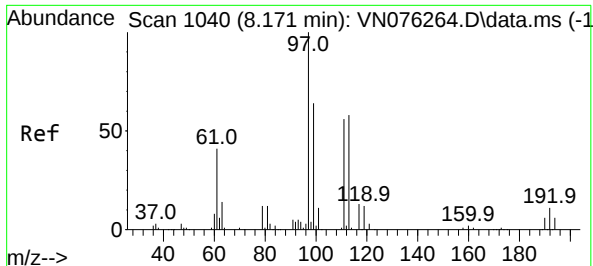
Tgt Ion: 65 Resp: 33716
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN076262.D
 Acq: 16 Jan 2023 11:18

Tgt Ion: 114 Resp: 517017
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 35.8
 88 15.0 0.0 28.0





#35

Dibromofluoromethane

Concen: 9.417 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

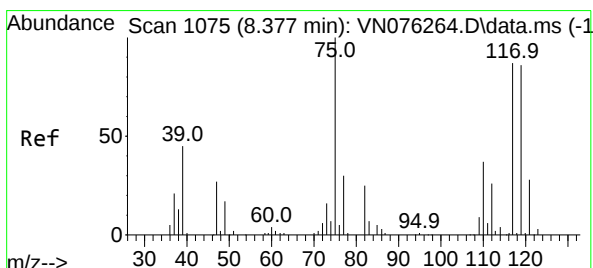
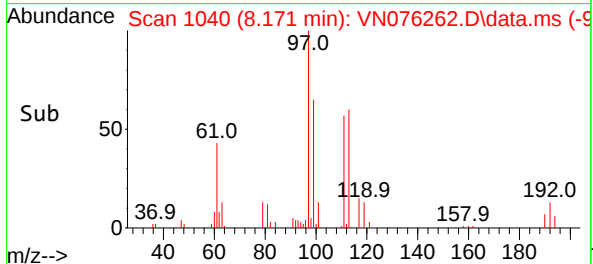
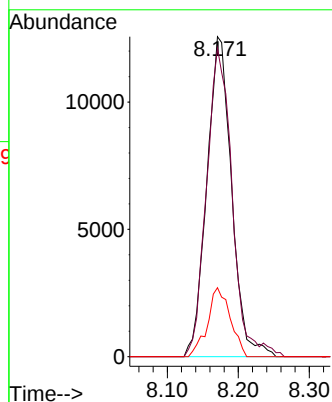
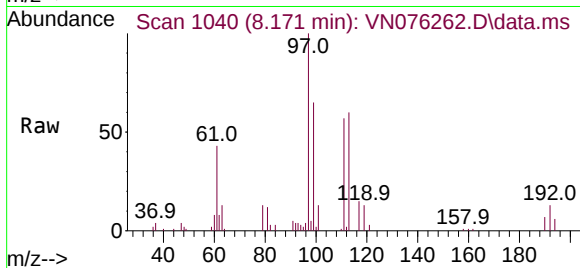
Tgt Ion:113 Resp: 30456

Ion Ratio Lower Upper

113 100

111 99.7 82.7 124.1

192 19.8 15.6 23.4



#36

1,1-Dichloropropene

Concen: 9.722 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

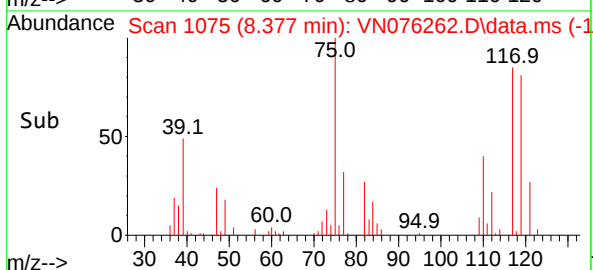
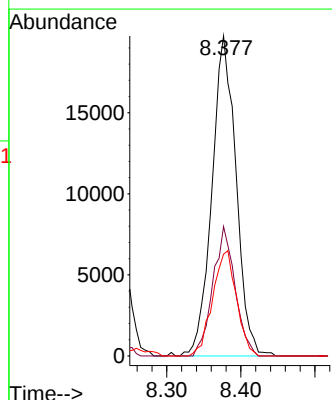
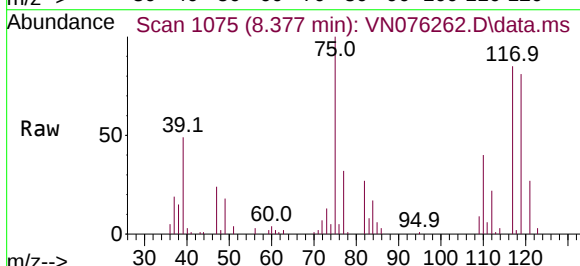
Tgt Ion: 75 Resp: 44575

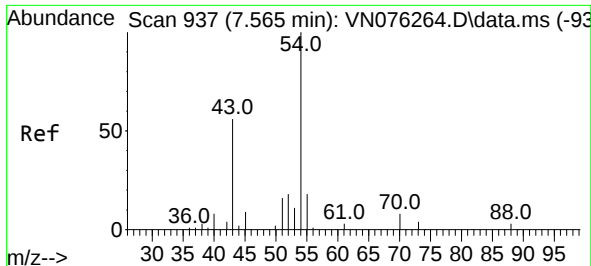
Ion Ratio Lower Upper

75 100

110 37.1 18.8 56.3

77 32.6 25.0 37.4

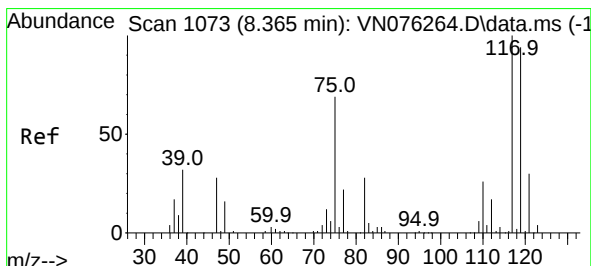
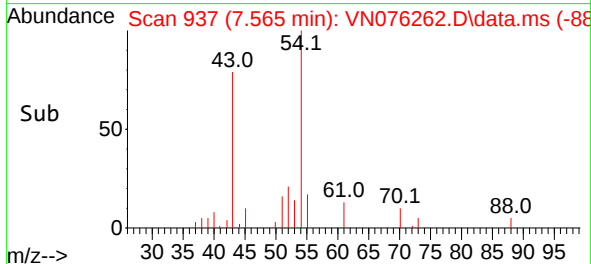
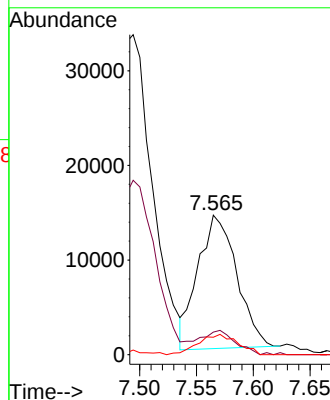
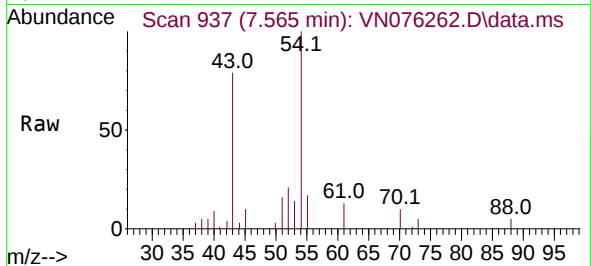




#37
Ethyl Acetate
Concen: 9.234 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

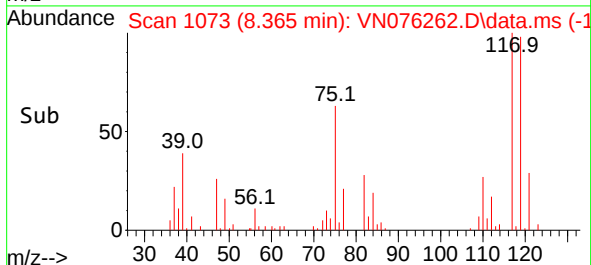
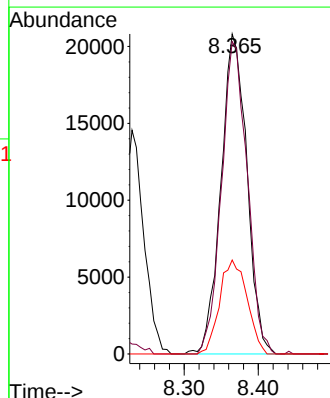
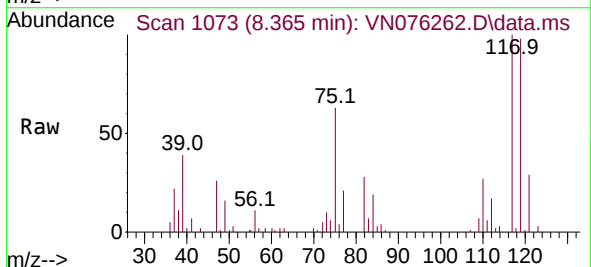
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

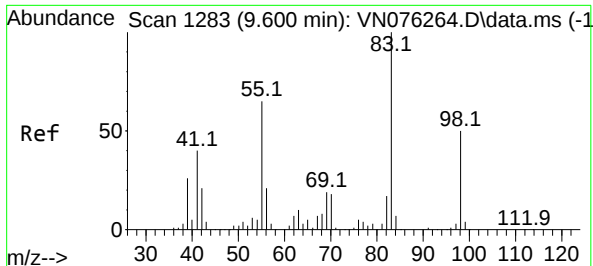
Tgt Ion: 43 Resp: 33601
Ion Ratio Lower Upper
43 100
61 17.0 11.1 16.7#
70 15.4 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 9.912 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 117 Resp: 50624
Ion Ratio Lower Upper
117 100
119 97.6 75.4 113.0
121 29.4 24.2 36.2





#39

Methylcyclohexane

Concen: 9.785 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

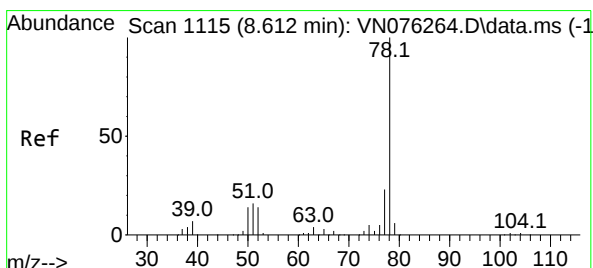
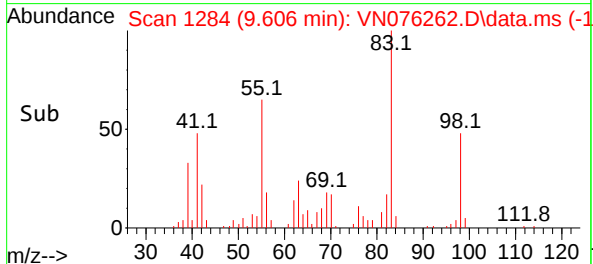
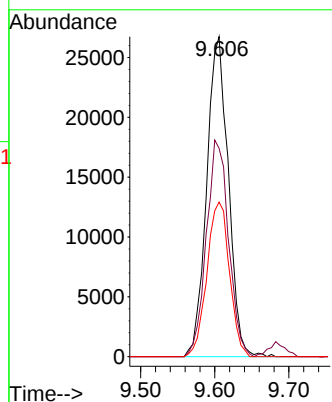
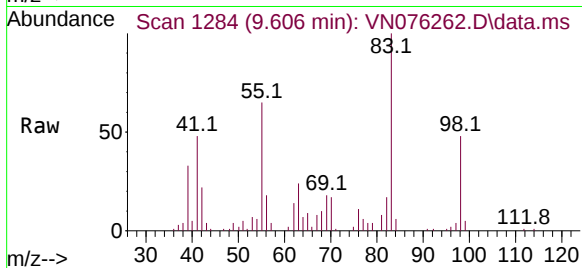
Tgt Ion: 83 Resp: 54271

Ion Ratio Lower Upper

83 100

55 65.1 51.7 77.5

98 48.3 40.0 60.0



#40

Benzene

Concen: 10.014 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076262.D

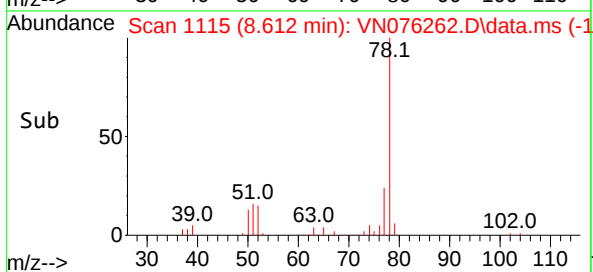
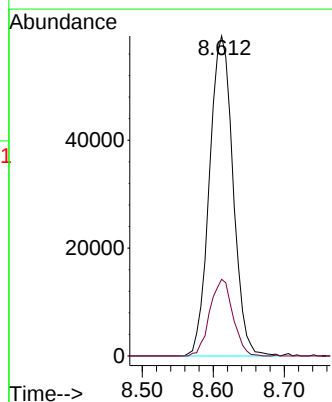
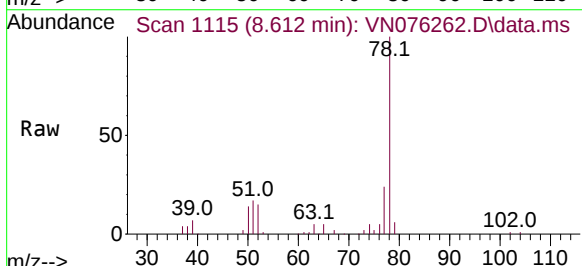
Acq: 16 Jan 2023 11:18

Tgt Ion: 78 Resp: 136726

Ion Ratio Lower Upper

78 100

77 24.0 18.6 28.0

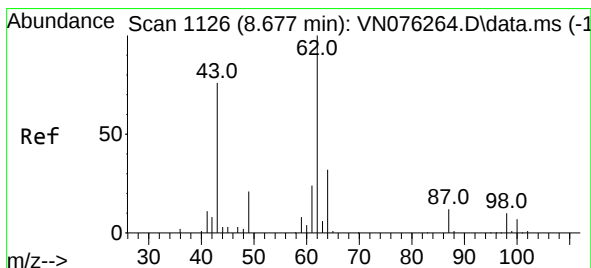
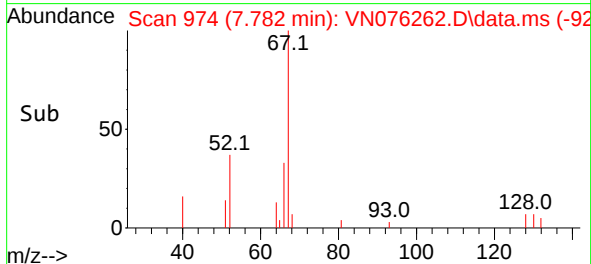
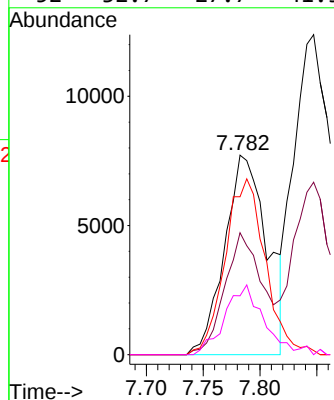
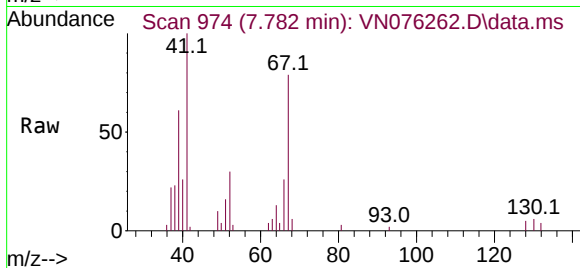




#41
Methacrylonitrile
Concen: 10.711 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

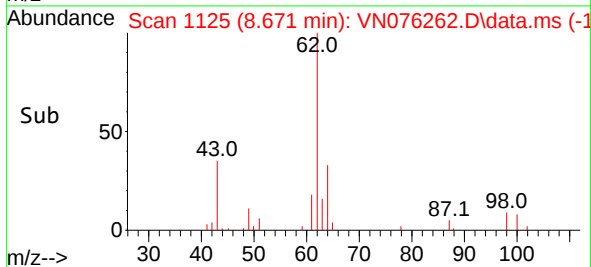
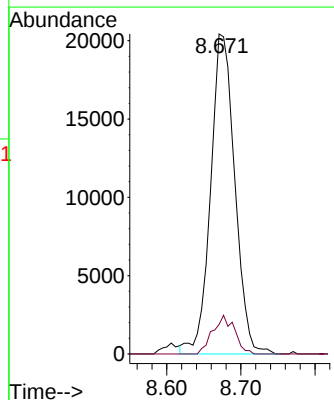
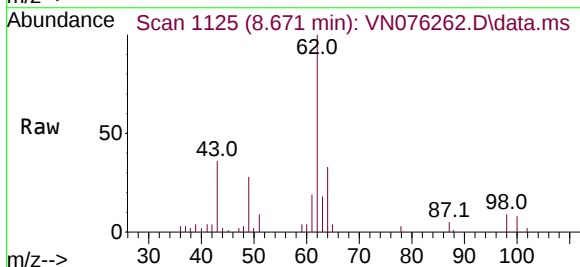
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

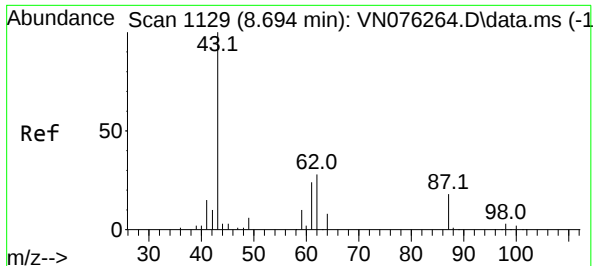
Tgt Ion:	41	Resp:	20080
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.4	63.6
67	83.6	68.8	103.2
52	32.7	27.7	41.5



#42
1,2-Dichloroethane
Concen: 9.879 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion:	62	Resp:	46352
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.4

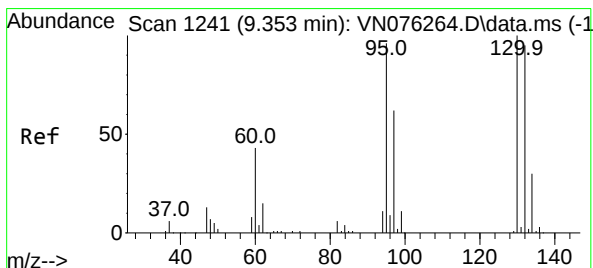
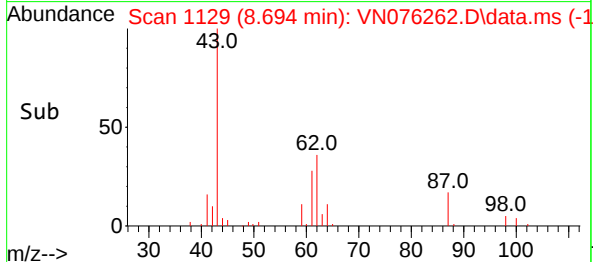
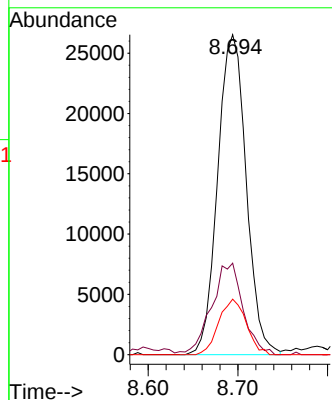
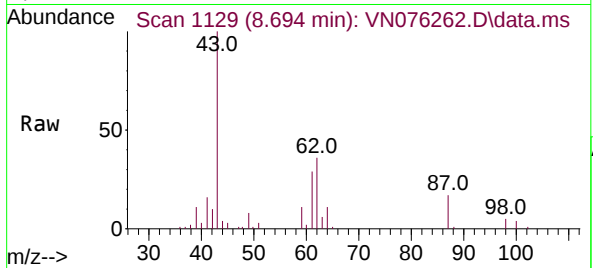




#43
Isopropyl Acetate
Concen: 7.427 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

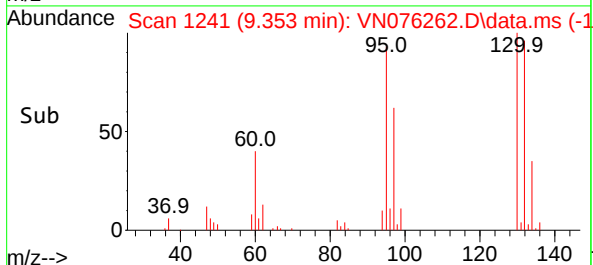
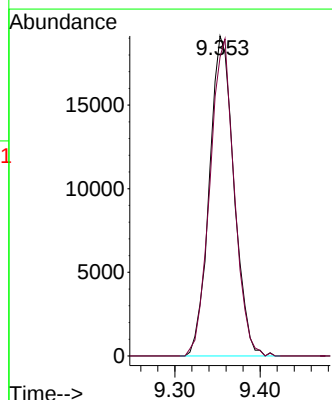
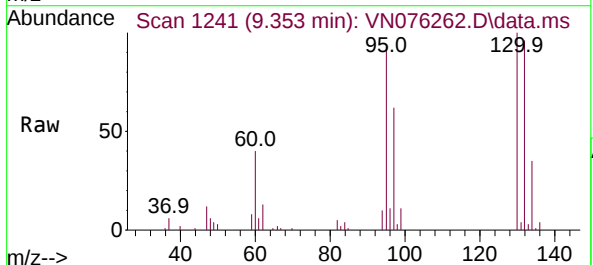
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

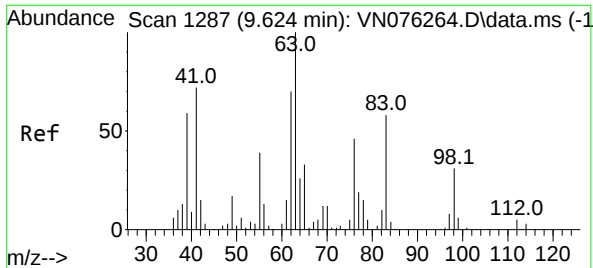
Tgt Ion: 43 Resp: 58576
Ion Ratio Lower Upper
43 100
61 31.3 23.5 35.3
87 16.7 13.8 20.6



#44
Trichloroethene
Concen: 10.031 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion:130 Resp: 38467
Ion Ratio Lower Upper
130 100
95 93.4 0.0 192.0





#45

1,2-Dichloropropane

Concen: 9.929 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

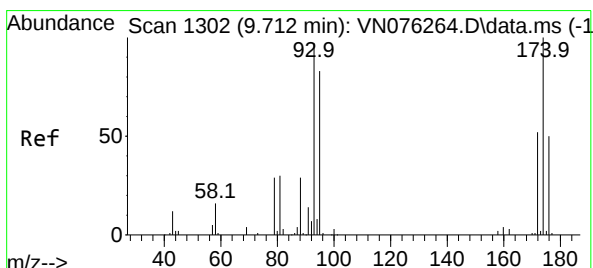
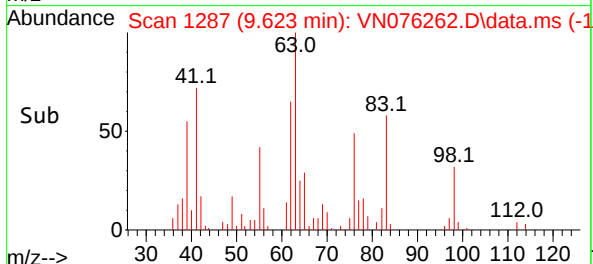
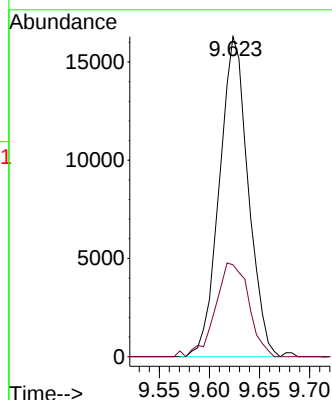
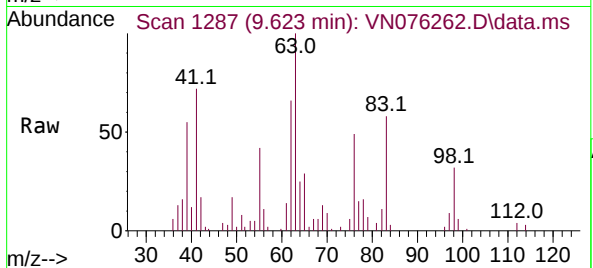
VSTDIC010

Tgt Ion: 63 Resp: 32522

Ion Ratio Lower Upper

63 100

65 28.7 26.4 39.6



#46

Dibromomethane

Concen: 9.915 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

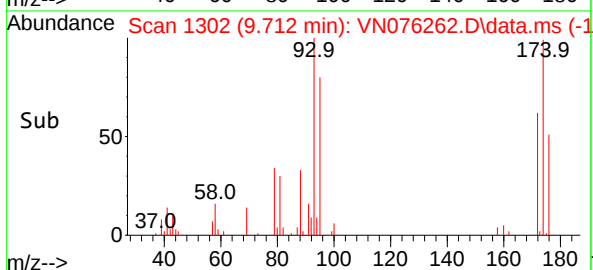
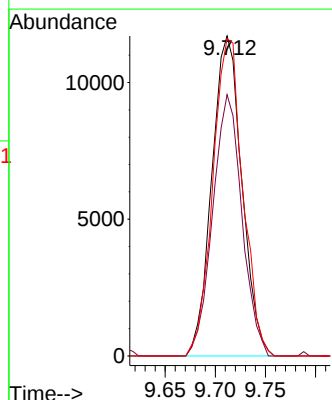
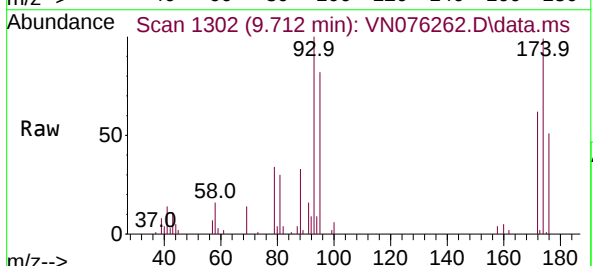
Tgt Ion: 93 Resp: 24351

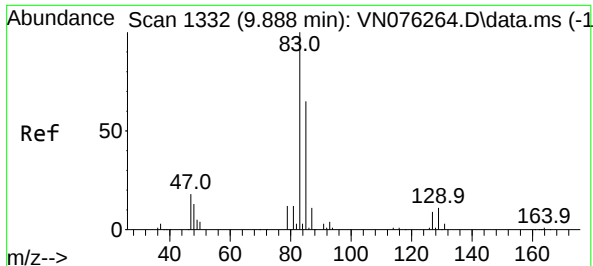
Ion Ratio Lower Upper

93 100

95 79.3 66.0 99.0

174 98.9 81.3 121.9

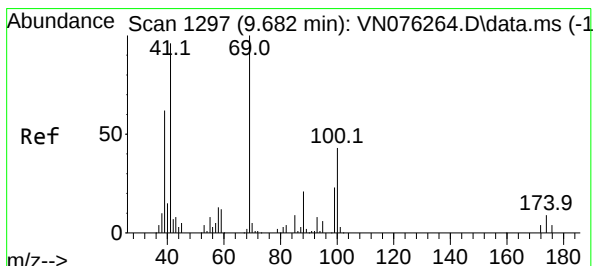
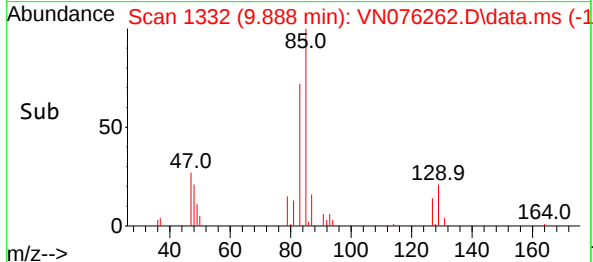
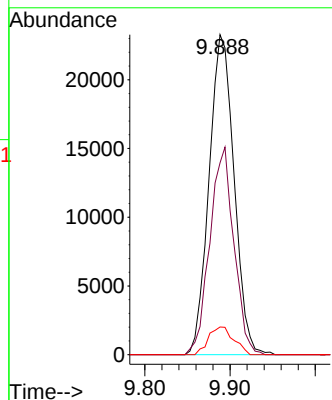
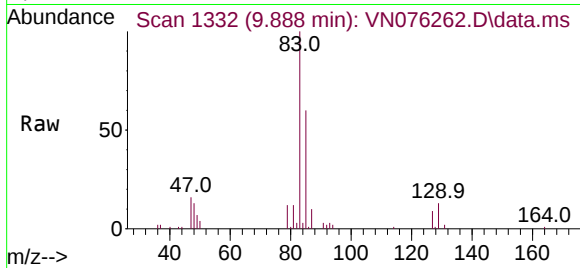




#47
Bromodichloromethane
Concen: 9.985 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

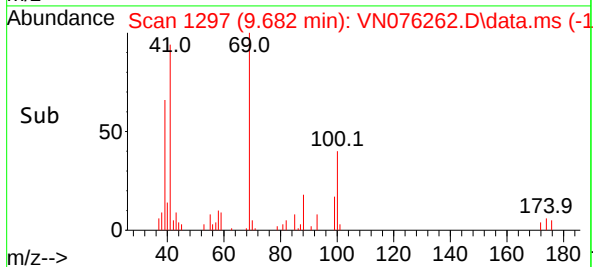
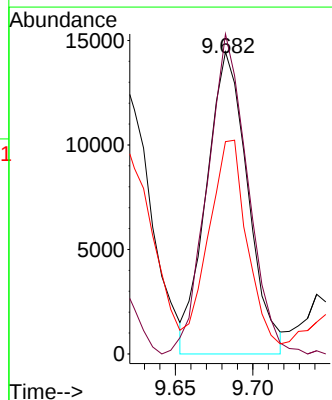
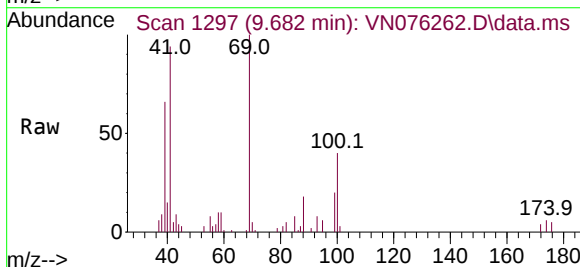
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

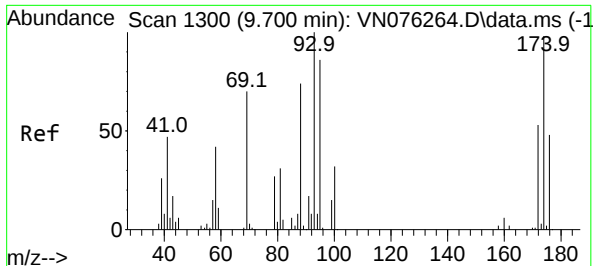
Tgt Ion: 83 Resp: 47459
Ion Ratio Lower Upper
83 100
85 59.9 52.1 78.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 9.851 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 41 Resp: 26795
Ion Ratio Lower Upper
41 100
69 103.9 80.8 121.2
39 67.8 54.4 81.6





#49

1,4-Dioxane

Concen: 197.159 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

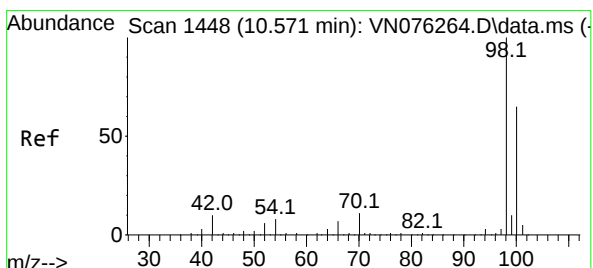
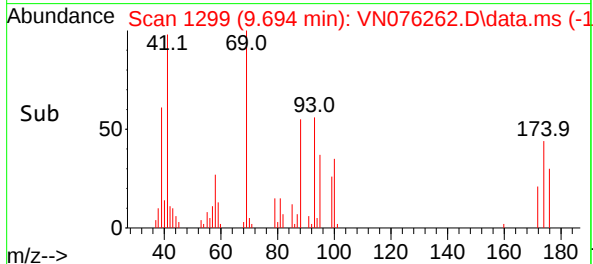
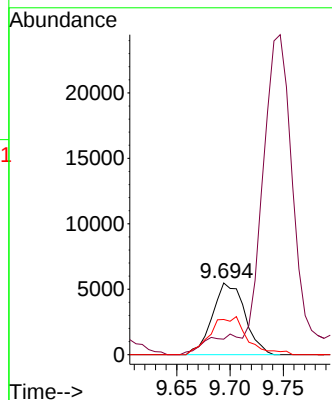
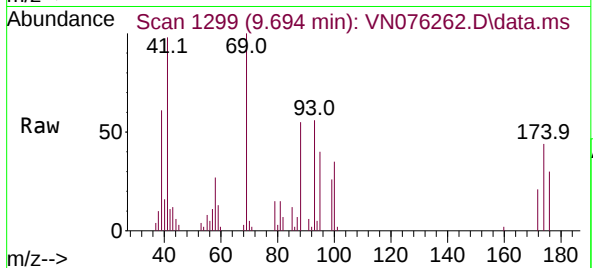
Tgt Ion: 88 Resp: 11604

Ion Ratio Lower Upper

88 100

43 0.0 18.1 27.1#

58 59.8 46.5 69.7



#50

Toluene-d8

Concen: 9.193 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN076262.D

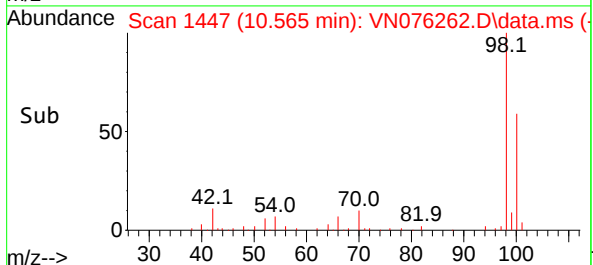
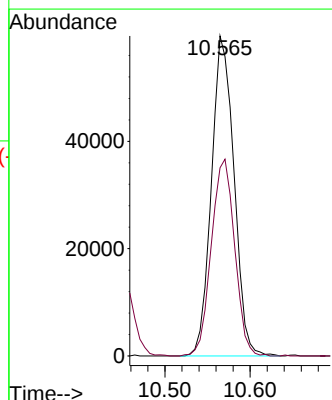
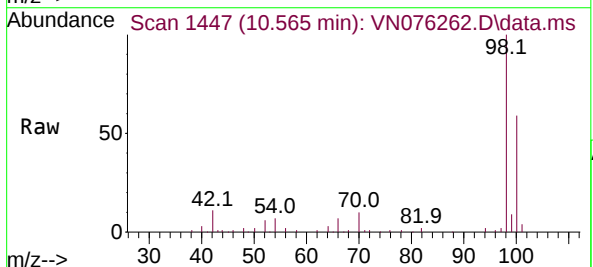
Acq: 16 Jan 2023 11:18

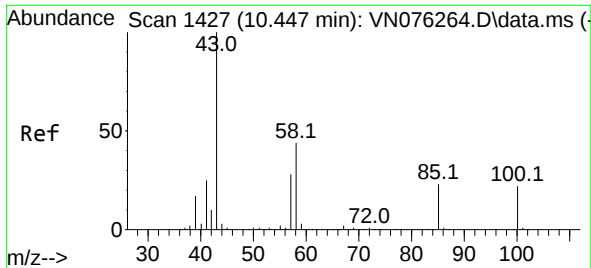
Tgt Ion: 98 Resp: 109806

Ion Ratio Lower Upper

98 100

100 63.6 52.2 78.4

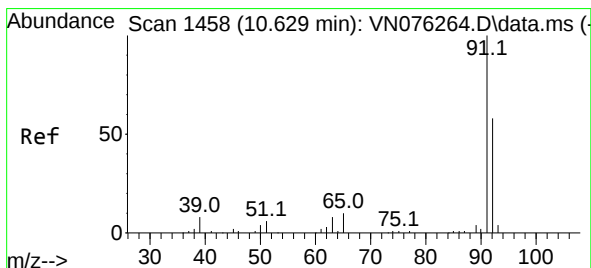
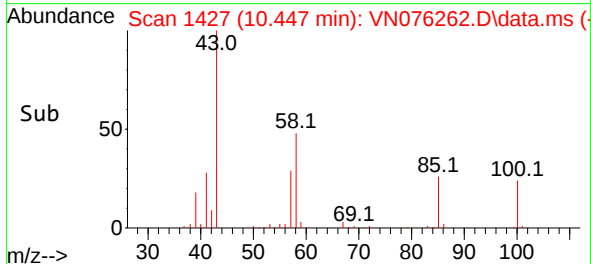
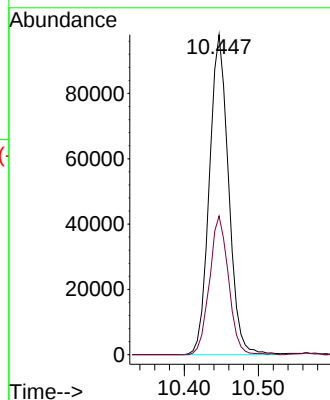
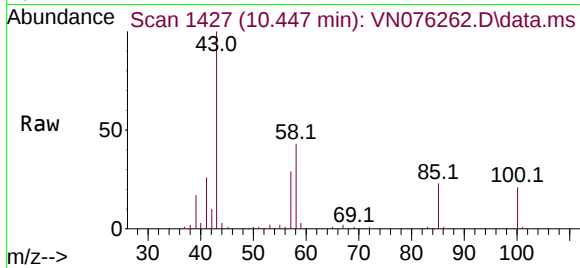




#51
4-Methyl-2-Pentanone
Concen: 50.473 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

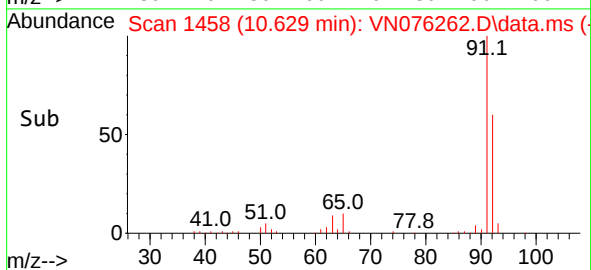
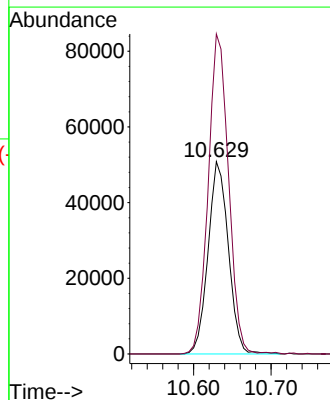
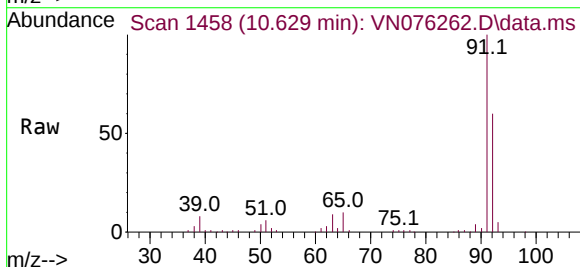
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

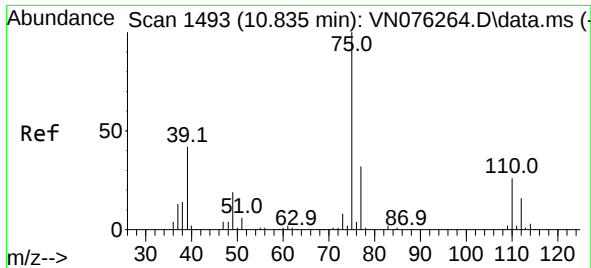
Tgt Ion: 43 Resp: 176417
Ion Ratio Lower Upper
43 100
58 42.9 35.1 52.7



#52
Toluene
Concen: 10.255 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 92 Resp: 92447
Ion Ratio Lower Upper
92 100
91 166.2 136.6 205.0

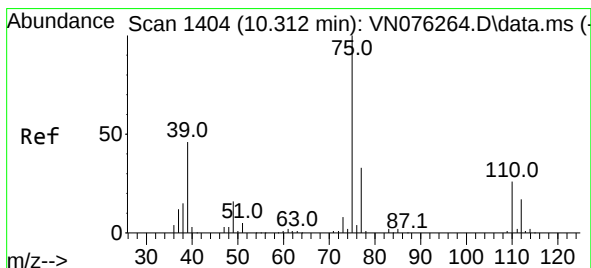
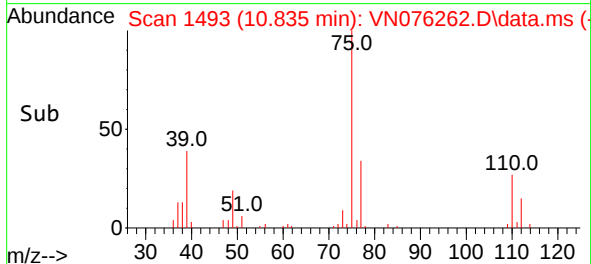
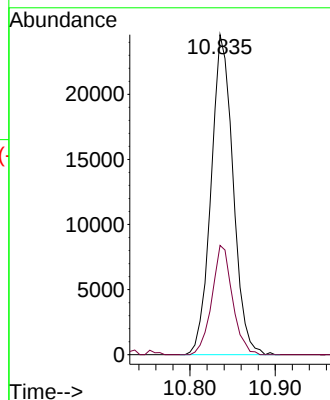
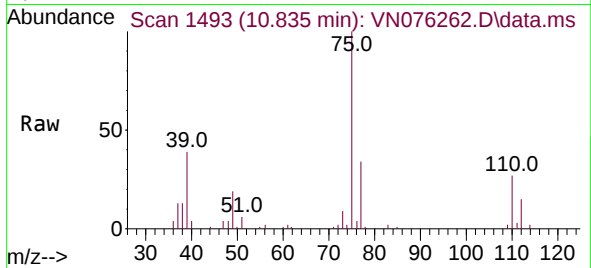




#53
 t-1,3-Dichloropropene
 Concen: 9.714 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VN076262.D
 Acq: 16 Jan 2023 11:18

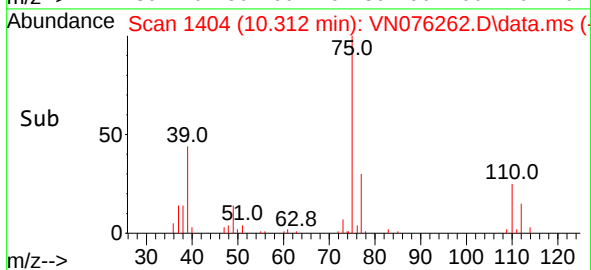
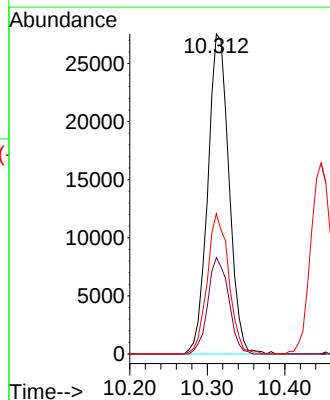
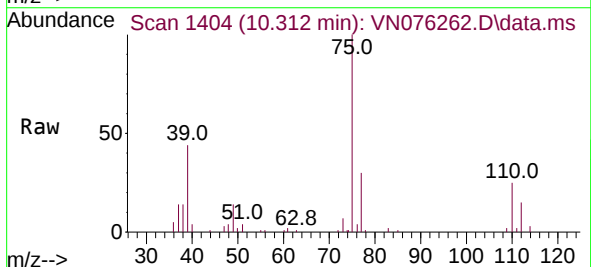
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

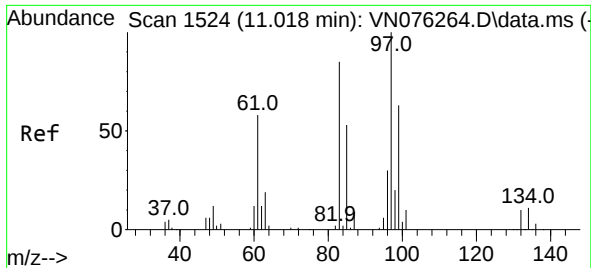
Tgt Ion: 75 Resp: 44067
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 10.133 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN076262.D
 Acq: 16 Jan 2023 11:18

Tgt Ion: 75 Resp: 52278
 Ion Ratio Lower Upper
 75 100
 77 30.1 26.5 39.7
 39 43.9 37.1 55.7

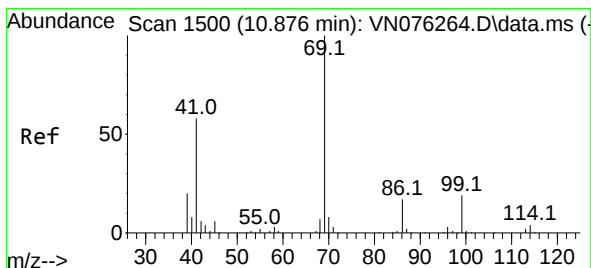
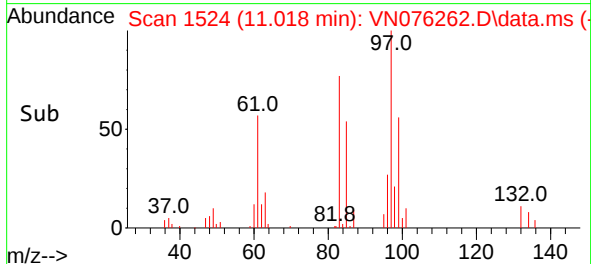
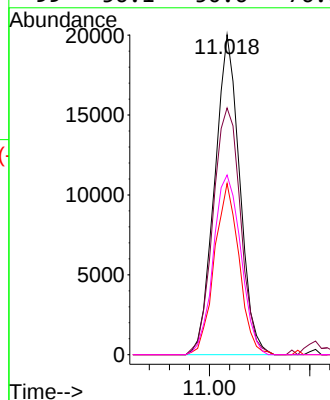
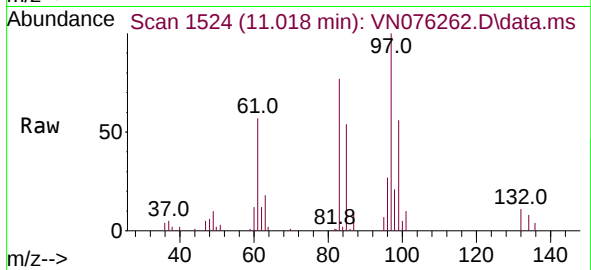




#55
1,1,2-Trichloroethane
Concen: 10.151 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

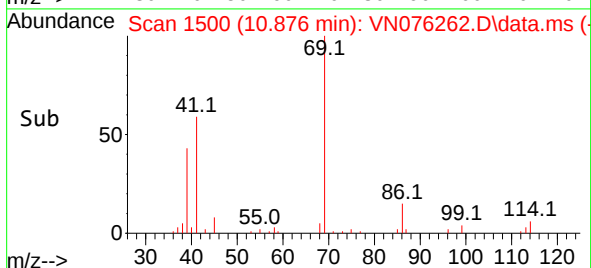
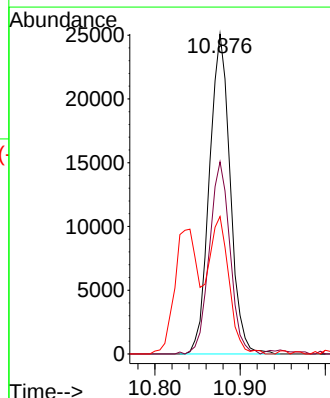
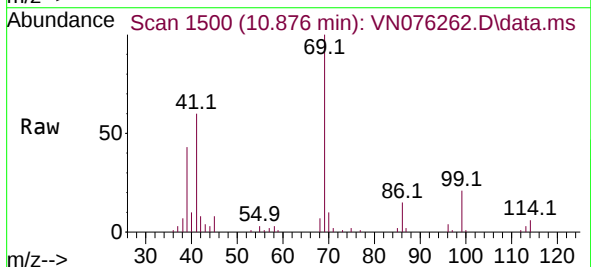
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

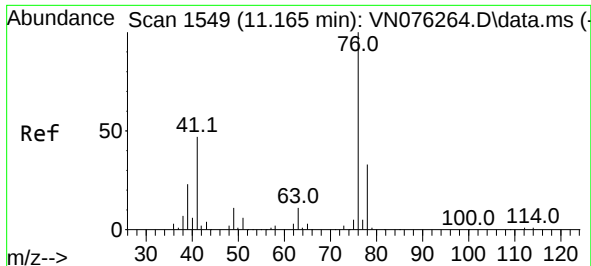
Tgt Ion: 97	Resp: 34782
Ion Ratio	Lower Upper
97 100	
83 77.1	67.8 101.6
85 53.5	42.3 63.5
99 56.1	50.6 76.0



#56
Ethyl methacrylate
Concen: 9.481 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 69	Resp: 42444
Ion Ratio	Lower Upper
69 100	
41 59.8	45.3 67.9
39 43.0	29.3 43.9





#57

1,3-Dichloropropane

Concen: 10.139 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

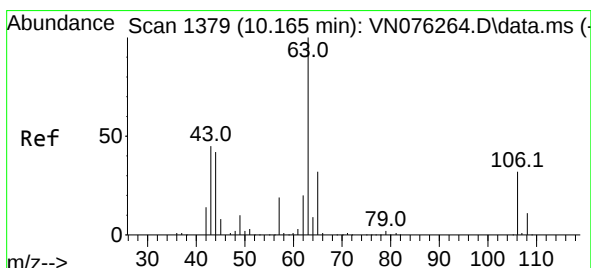
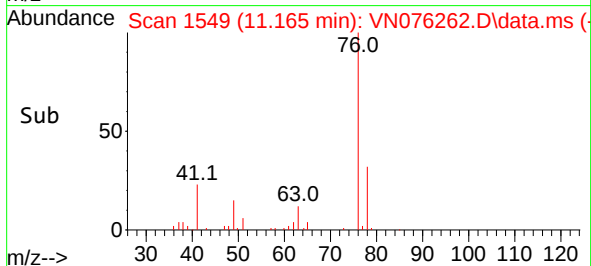
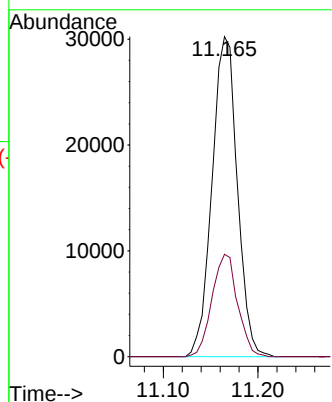
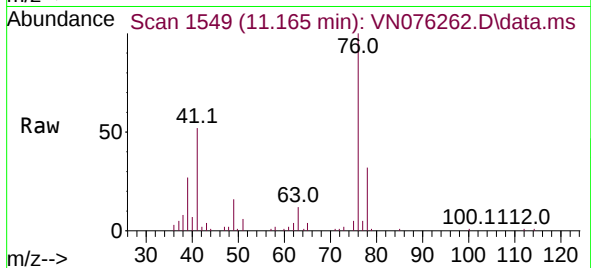
VSTDIC010

Tgt Ion: 76 Resp: 56103

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 48.184 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076262.D

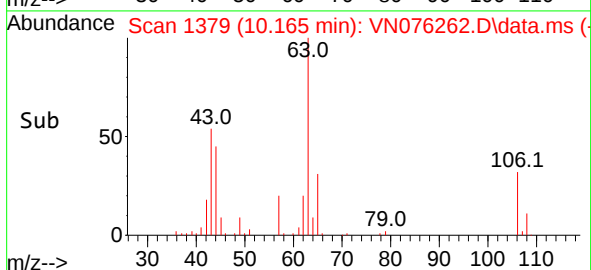
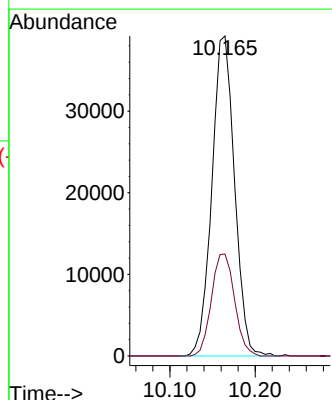
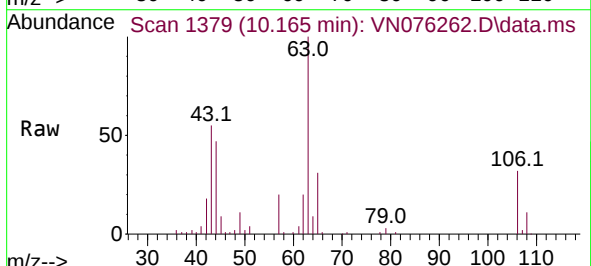
Acq: 16 Jan 2023 11:18

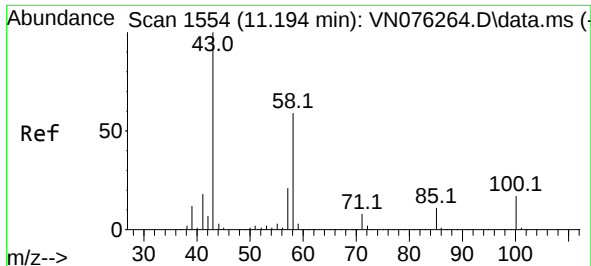
Tgt Ion: 63 Resp: 72411

Ion Ratio Lower Upper

63 100

106 32.5 26.2 39.2

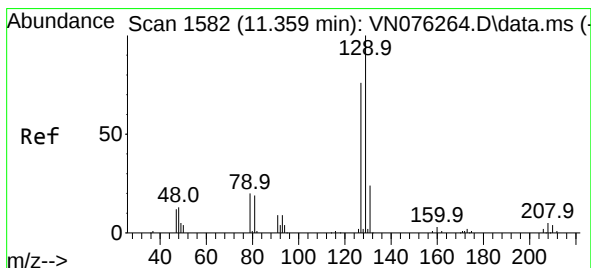
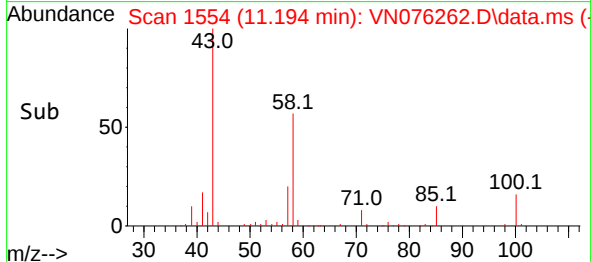
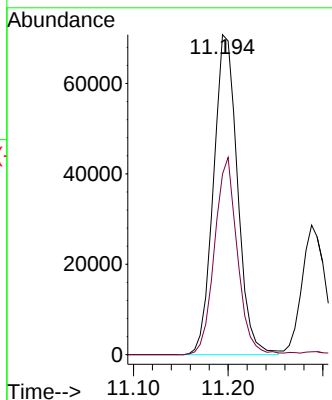
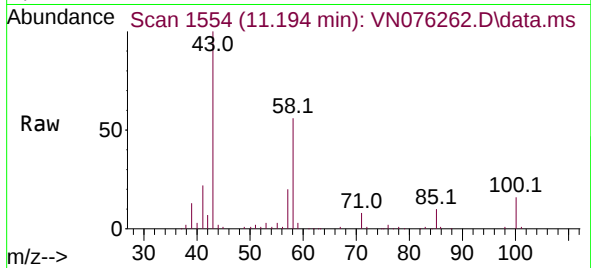




#59
2-Hexanone
Concen: 49.680 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

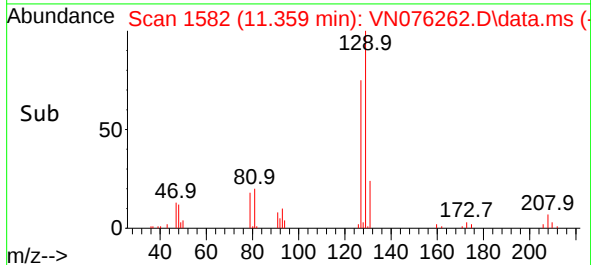
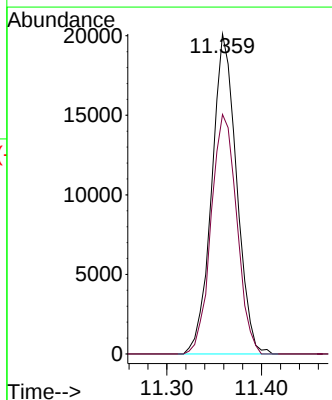
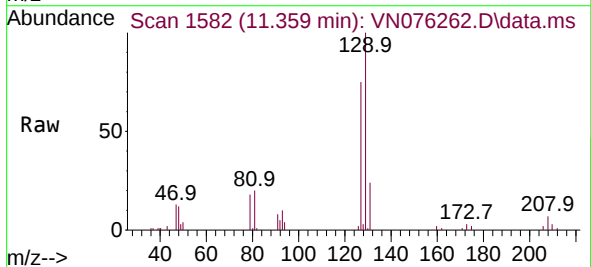
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

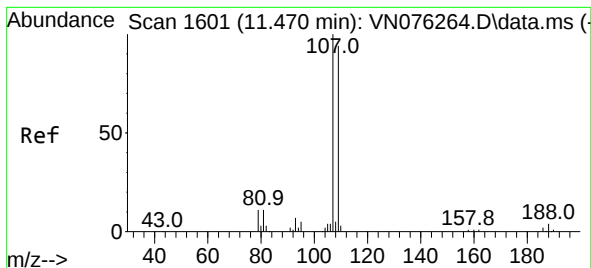
Tgt Ion: 43 Resp: 124902
Ion Ratio Lower Upper
43 100
58 58.5 30.1 90.3



#60
Dibromochloromethane
Concen: 9.758 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 129 Resp: 36578
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

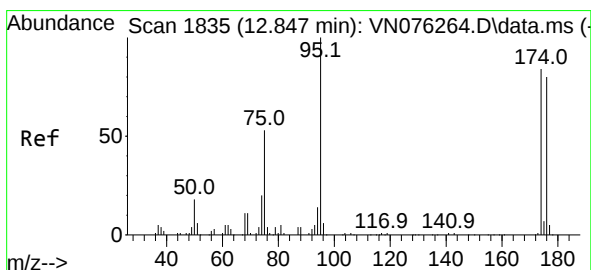
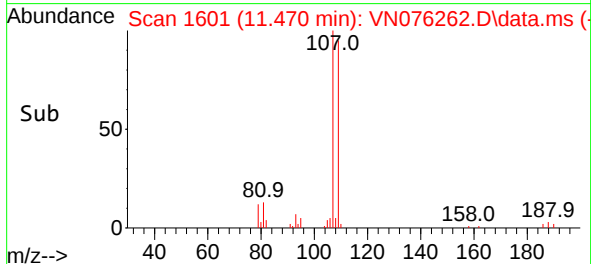
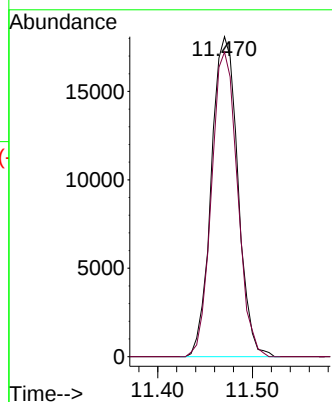
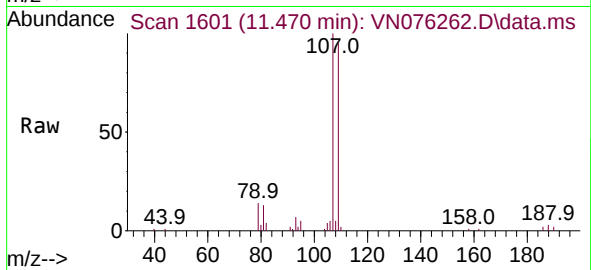




#61
1,2-Dibromoethane
Concen: 10.138 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

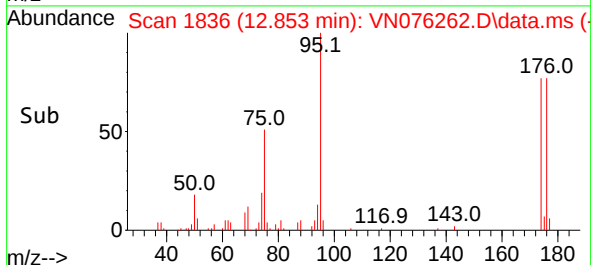
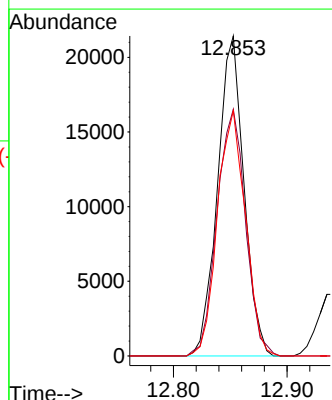
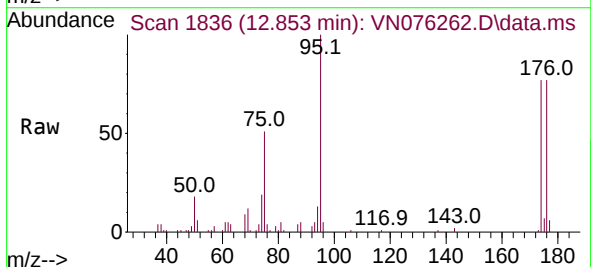
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

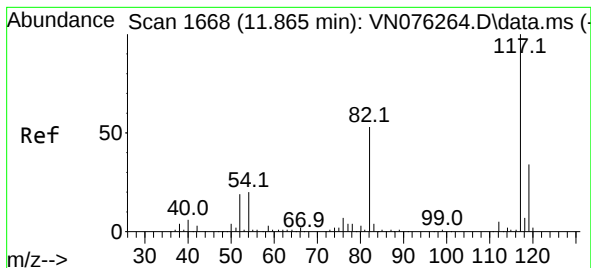
Tgt Ion:107 Resp: 35181
Ion Ratio Lower Upper
107 100
109 92.8 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 8.857 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 95 Resp: 34536
Ion Ratio Lower Upper
95 100
174 83.3 0.0 174.6
176 81.3 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

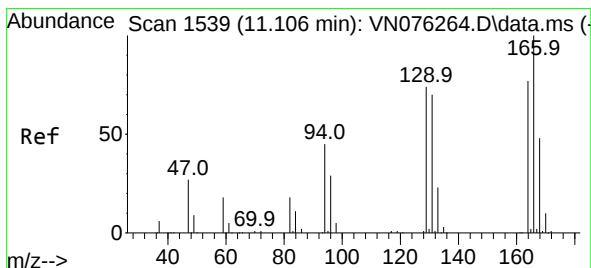
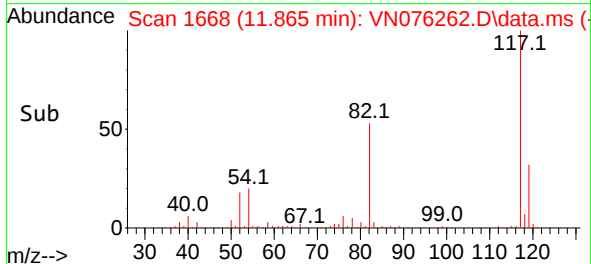
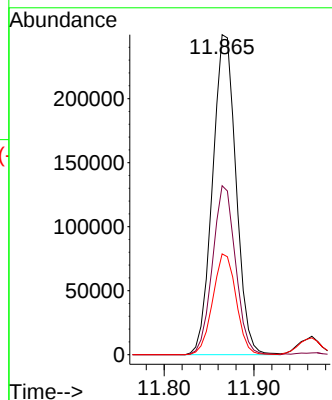
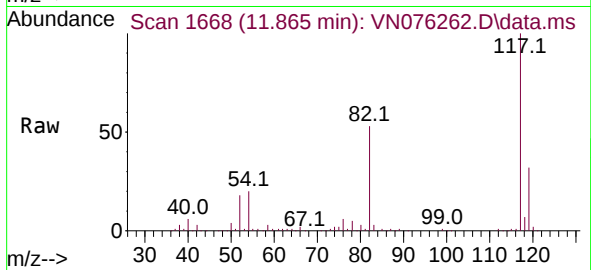
Tgt Ion:117 Resp: 453787

Ion Ratio Lower Upper

117 100

82 52.8 42.2 63.2

119 31.5 26.9 40.3



#64

Tetrachloroethene

Concen: 10.419 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Tgt Ion:164 Resp: 41762

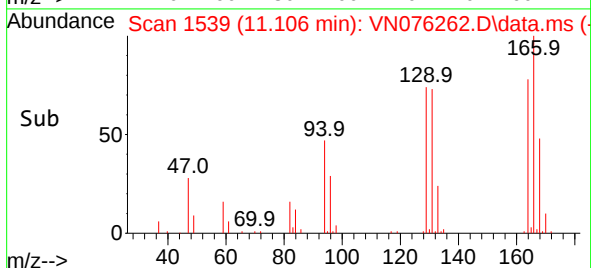
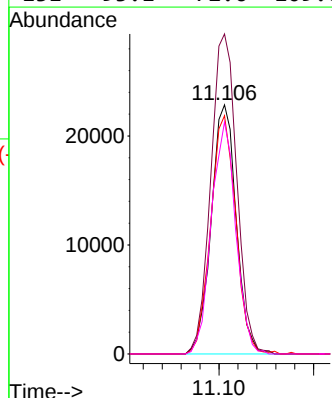
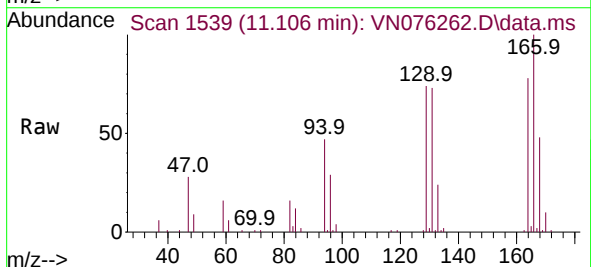
Ion Ratio Lower Upper

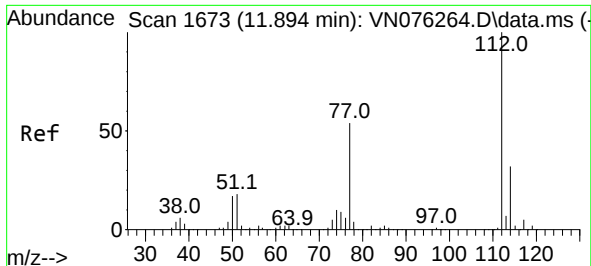
164 100

166 128.5 104.0 156.0

129 95.6 76.6 114.8

131 93.1 72.6 109.0

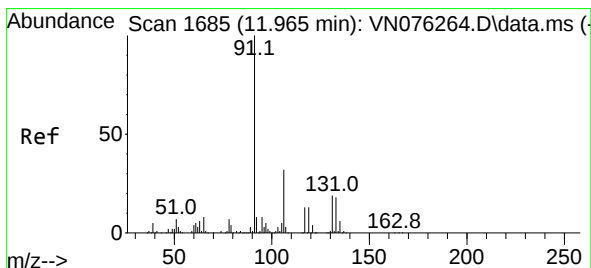
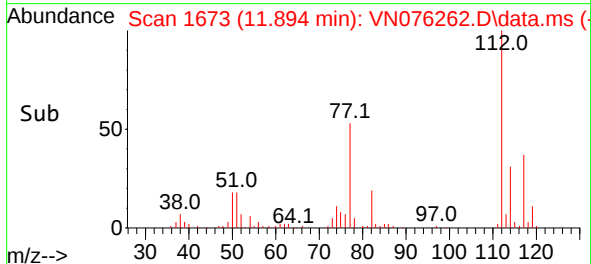
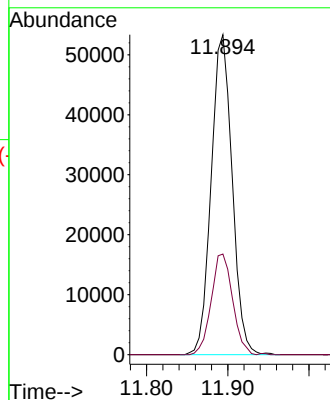
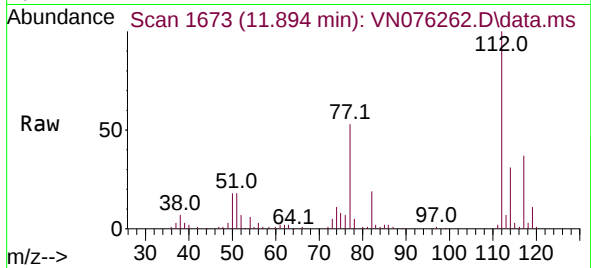




#65
Chlorobenzene
Concen: 10.069 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

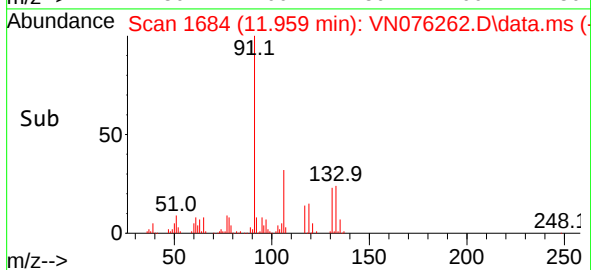
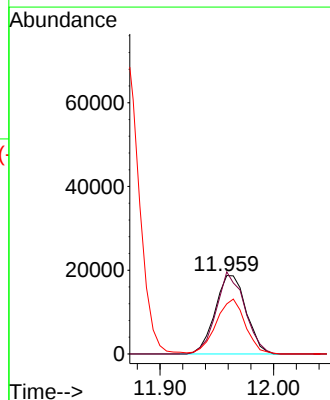
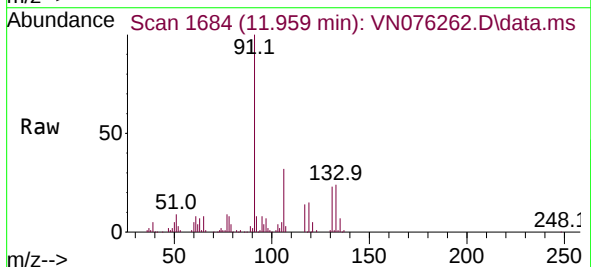
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

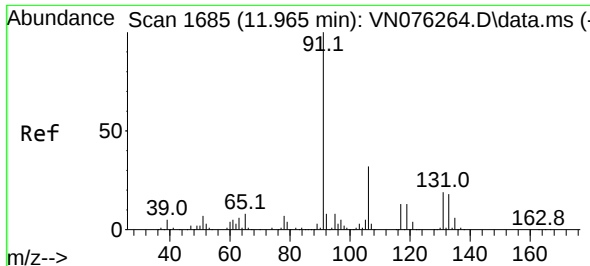
Tgt Ion:112 Resp: 95693
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 10.065 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion:131 Resp: 35576
Ion Ratio Lower Upper
131 100
133 95.8 47.4 142.2
119 65.9 32.3 96.8

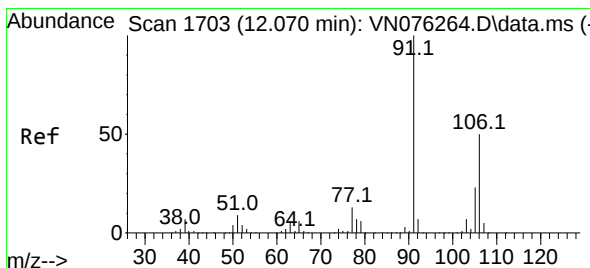
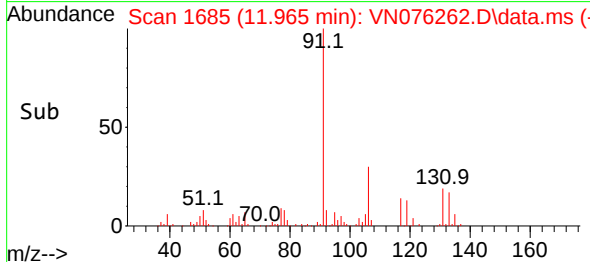
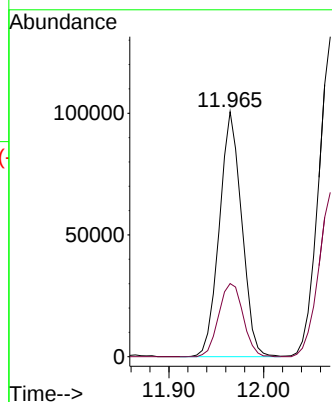
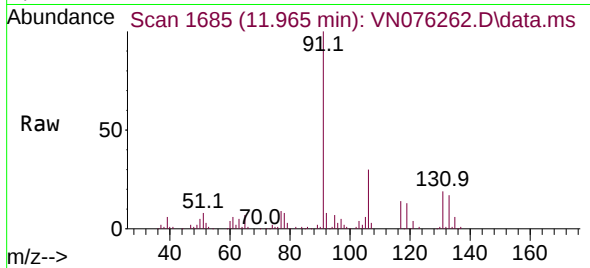




#67
Ethyl Benzene
Concen: 10.111 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

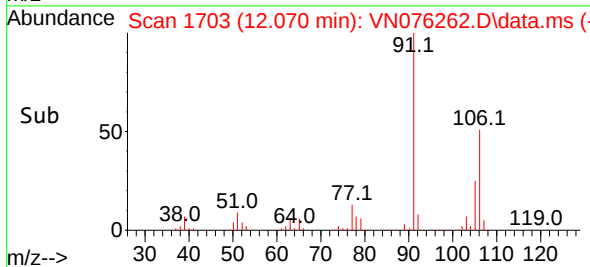
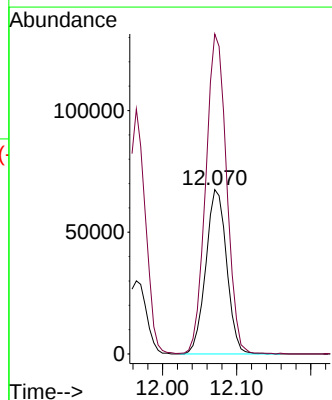
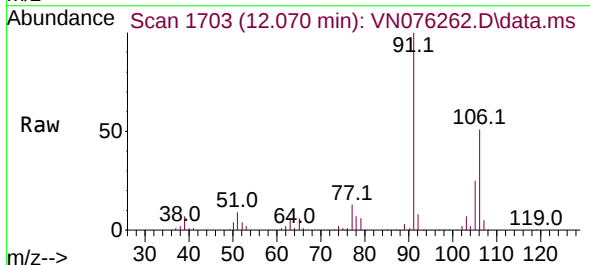
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

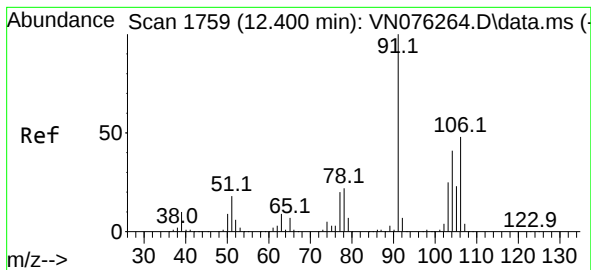
Tgt Ion: 91 Resp: 165217
Ion Ratio Lower Upper
91 100
106 29.8 25.5 38.3



#68
m/p-Xylenes
Concen: 20.442 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 106 Resp: 131940
Ion Ratio Lower Upper
106 100
91 194.7 157.5 236.3





#69

o-Xylene

Concen: 10.127 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

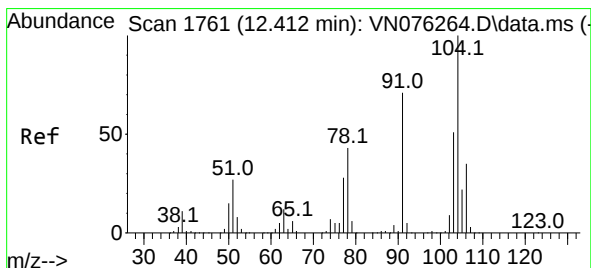
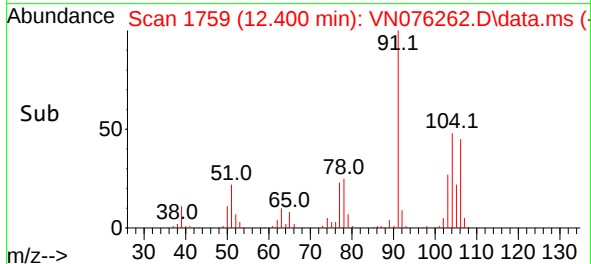
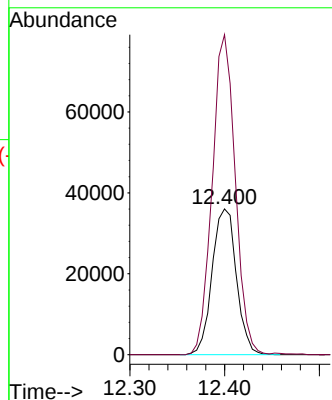
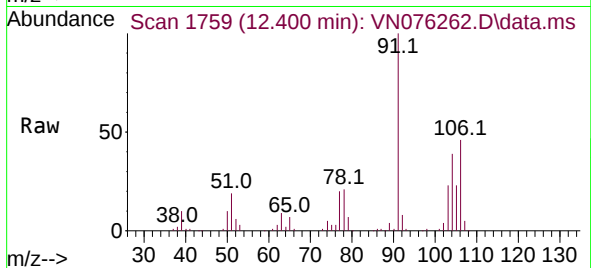
VSTDIC010

Tgt Ion:106 Resp: 64085

Ion Ratio Lower Upper

106 100

91 208.6 103.2 309.4



#70

Styrene

Concen: 9.940 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

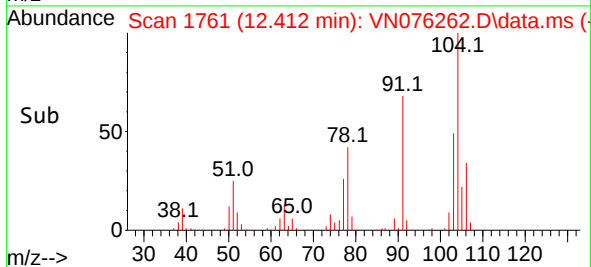
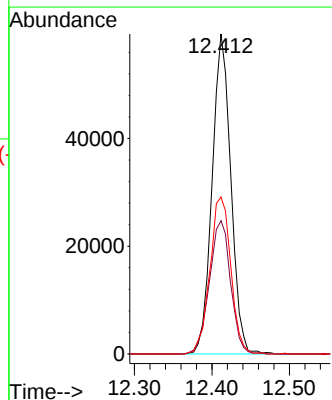
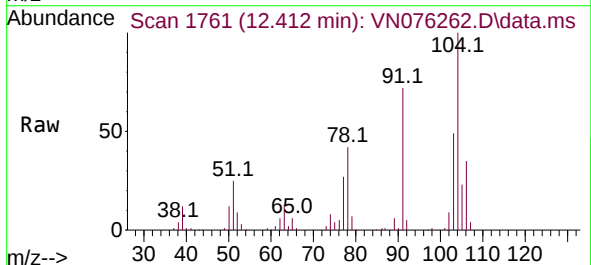
Tgt Ion:104 Resp: 99564

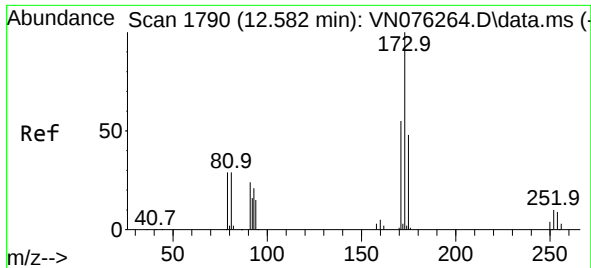
Ion Ratio Lower Upper

104 100

78 47.1 37.4 56.0

103 54.8 44.2 66.2

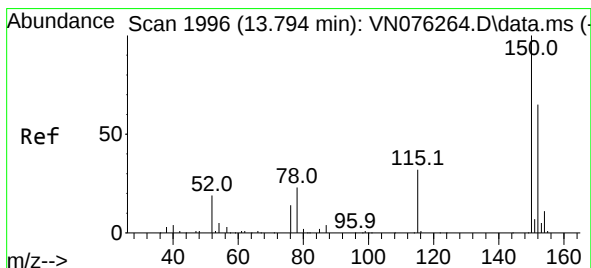
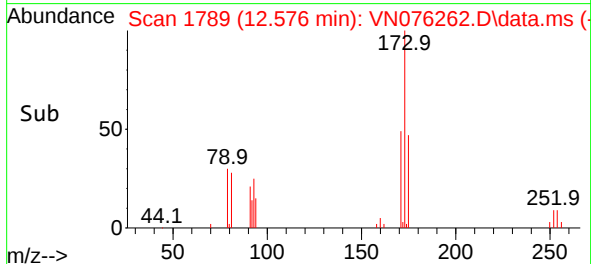
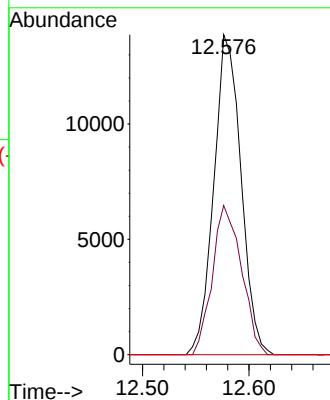
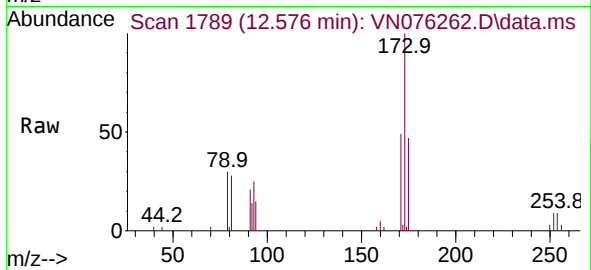




#71
Bromoform
Concen: 9.585 ug/l
RT: 12.576 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

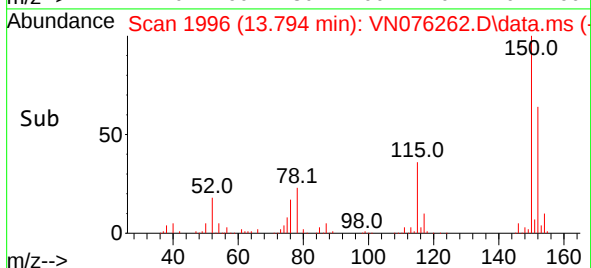
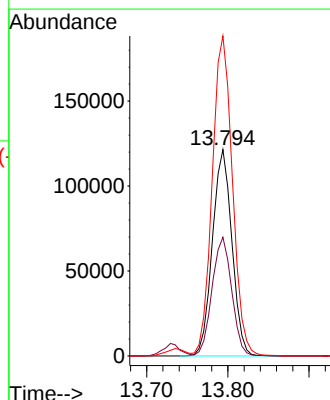
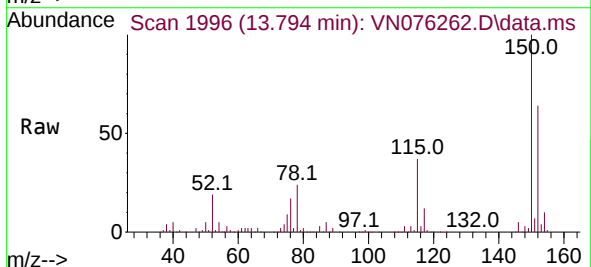
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

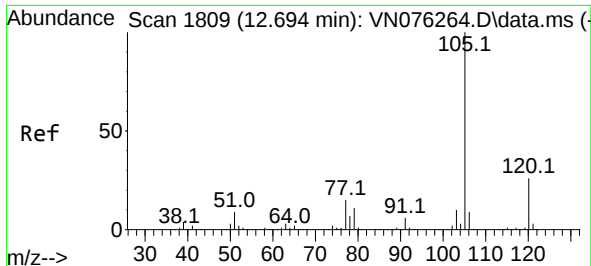
Tgt Ion:173 Resp: 24549
Ion Ratio Lower Upper
173 100
175 50.0 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion:152 Resp: 202701
Ion Ratio Lower Upper
152 100
115 57.8 29.6 88.9
150 160.5 0.0 351.4

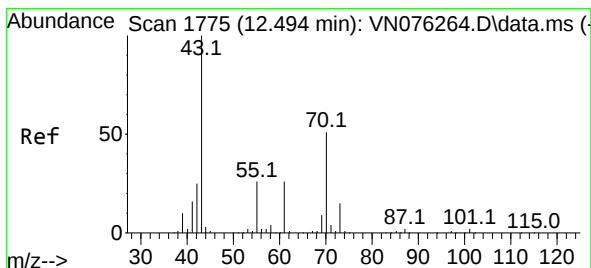
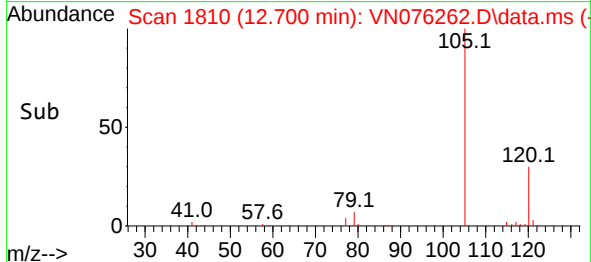
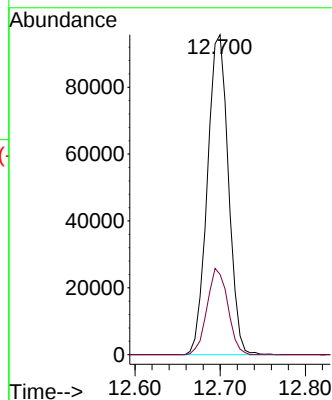
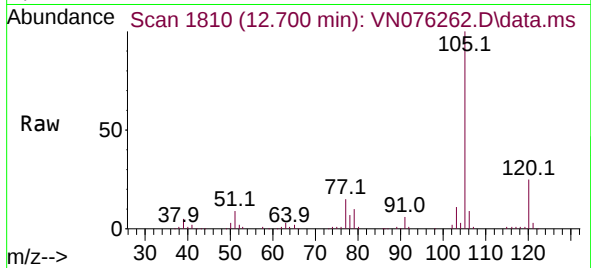




#73
Isopropylbenzene
Concen: 10.592 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

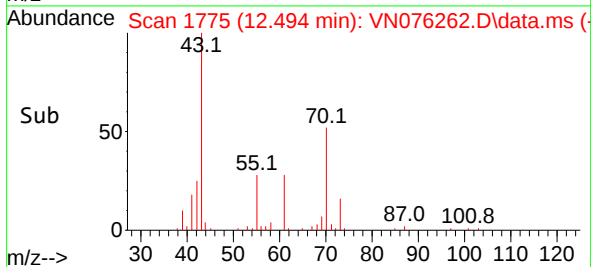
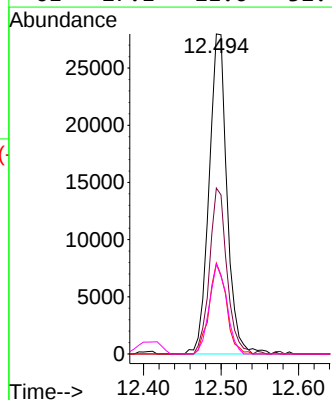
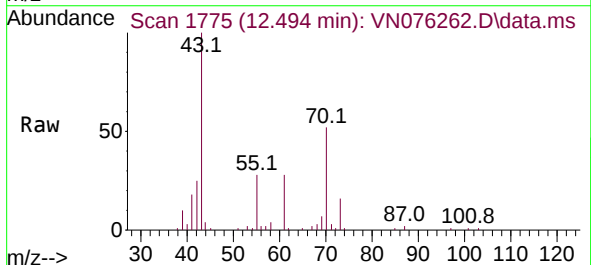
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

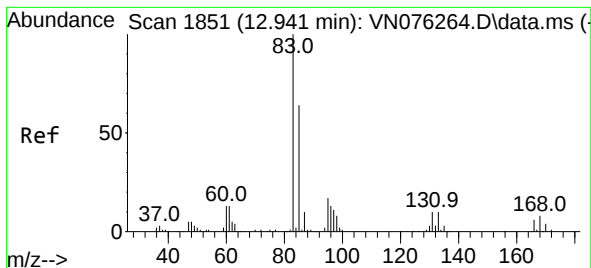
Tgt Ion:105 Resp: 163800
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 10.336 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 43 Resp: 45088
Ion Ratio Lower Upper
43 100
70 50.3 41.2 61.8
55 27.3 21.0 31.6
61 27.1 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 9.625 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

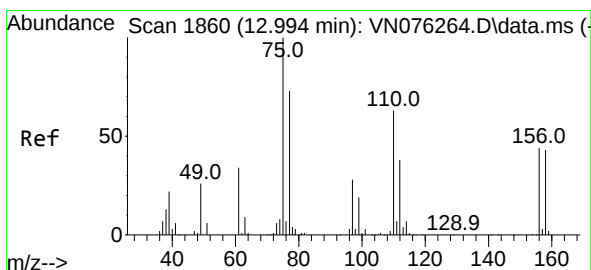
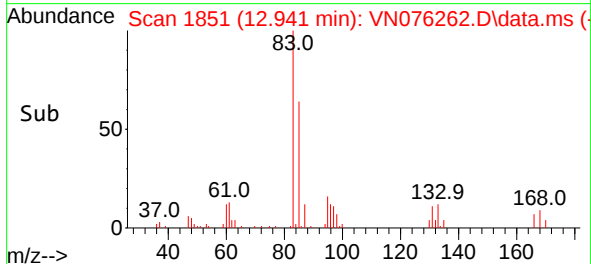
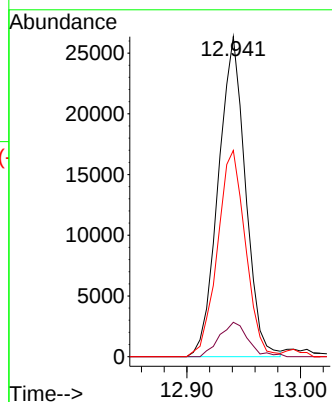
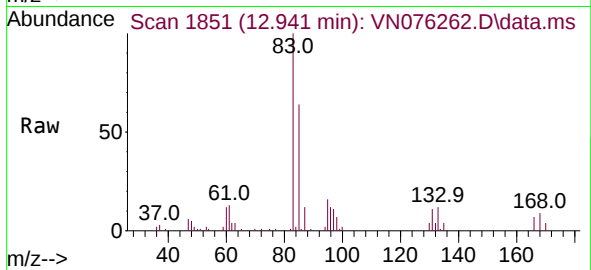
Tgt Ion: 83 Resp: 43747

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.4

85 66.5 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 13.048 ug/l

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN076262.D

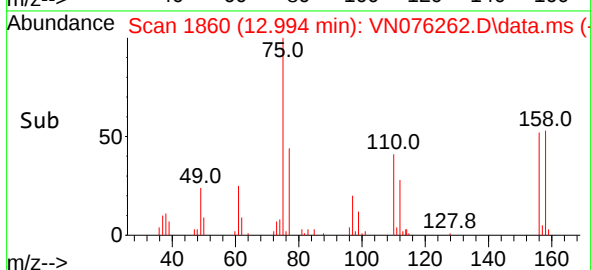
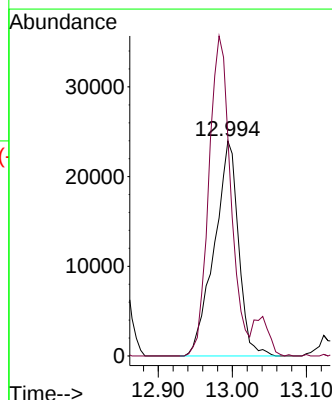
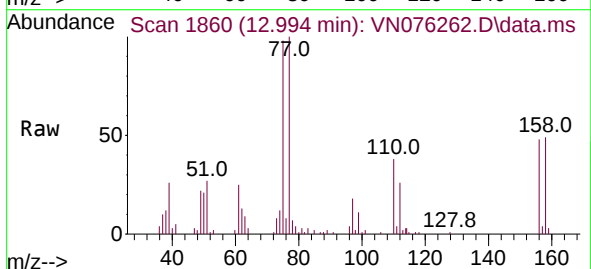
Acq: 16 Jan 2023 11:18

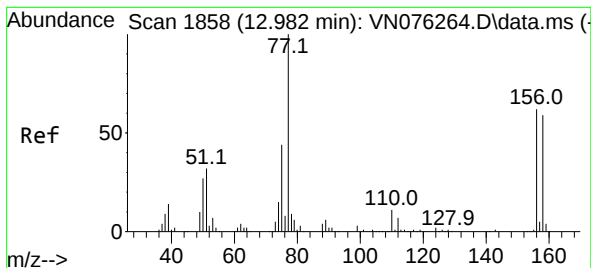
Tgt Ion: 75 Resp: 54422

Ion Ratio Lower Upper

75 100

77 134.0 75.2 225.6





#77

Bromobenzene

Concen: 10.397 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

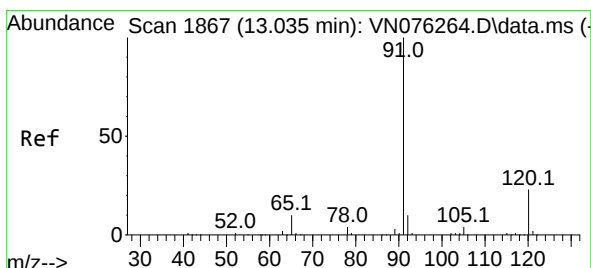
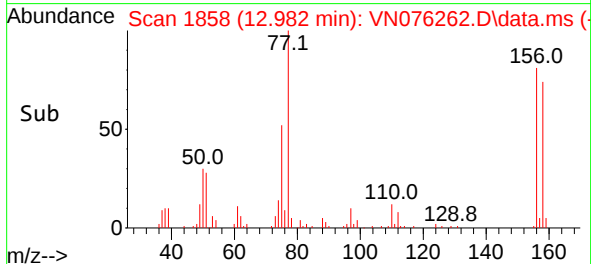
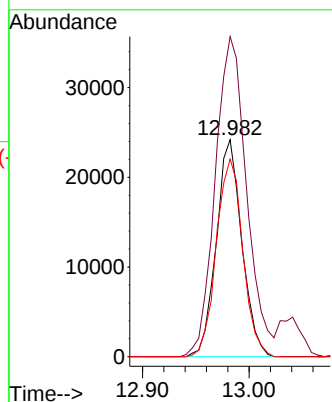
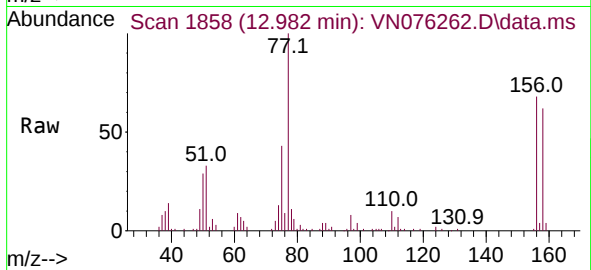
Tgt Ion:156 Resp: 40112

Ion Ratio Lower Upper

156 100

77 181.8 93.4 280.2

158 94.8 48.4 145.2



#78

n-propylbenzene

Concen: 10.459 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN076262.D

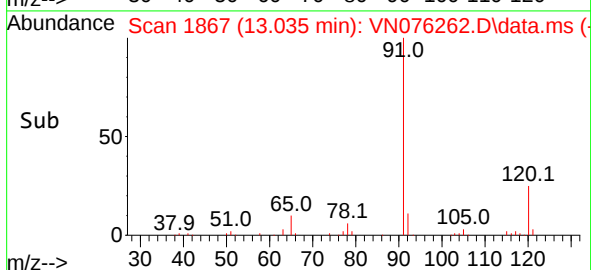
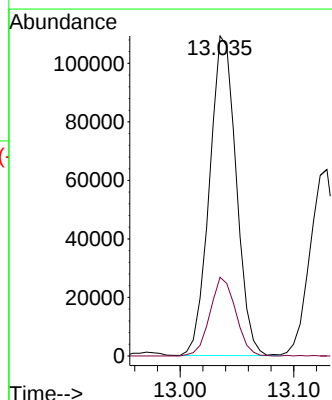
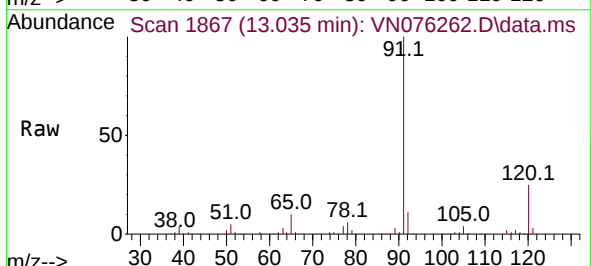
Acq: 16 Jan 2023 11:18

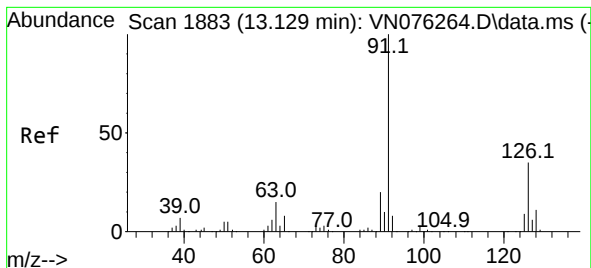
Tgt Ion: 91 Resp: 178798

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5





#79

2-Chlorotoluene

Concen: 10.296 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

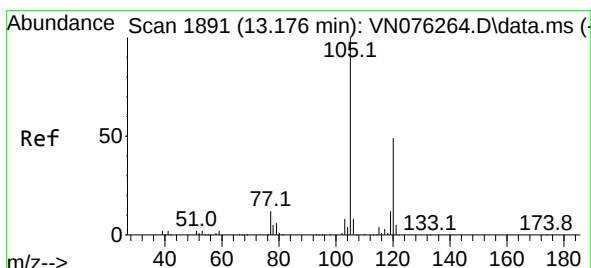
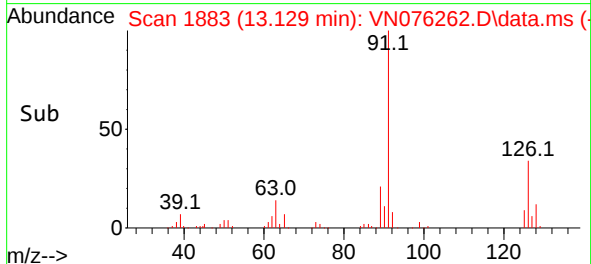
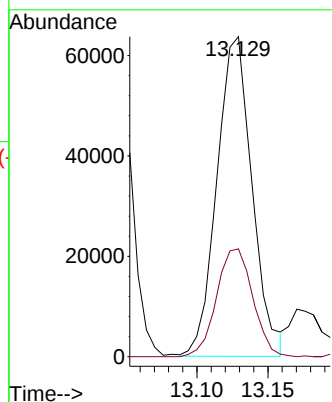
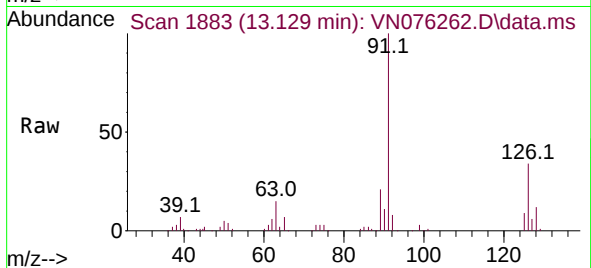
VSTDIC010

Tgt Ion: 91 Resp: 109634

Ion Ratio Lower Upper

91 100

126 34.8 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 10.572 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. -0.000 min

Lab File: VN076262.D

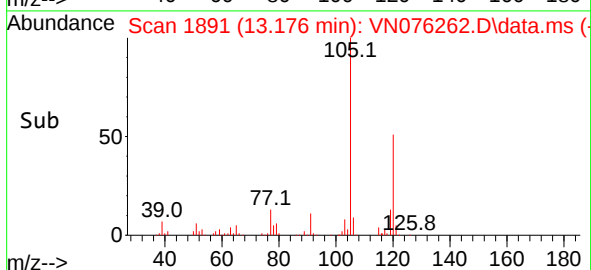
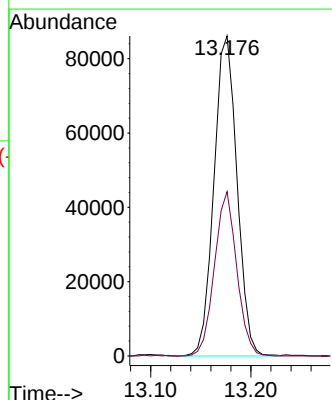
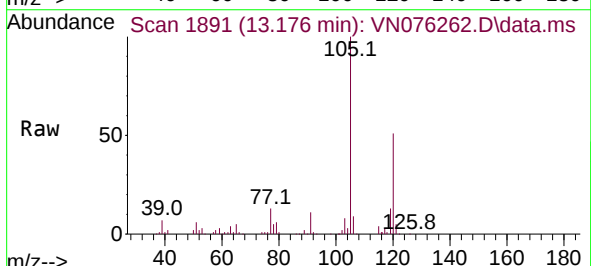
Acq: 16 Jan 2023 11:18

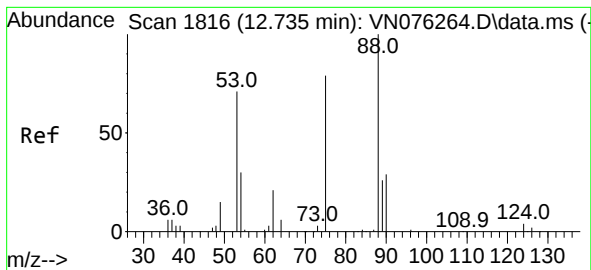
Tgt Ion: 105 Resp: 137585

Ion Ratio Lower Upper

105 100

120 49.5 25.0 75.0

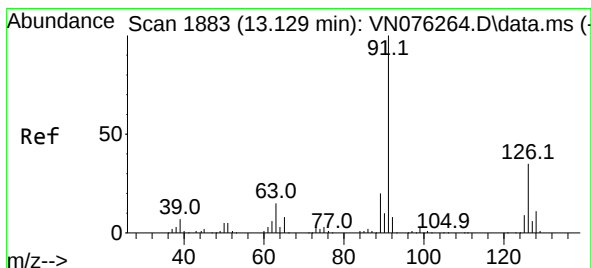
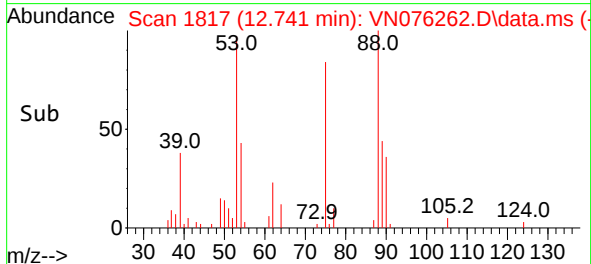
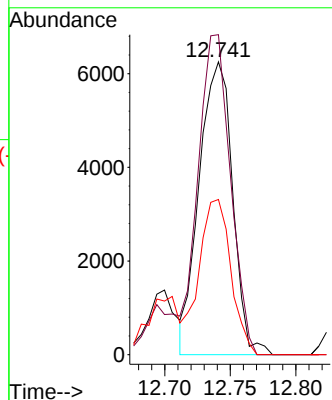
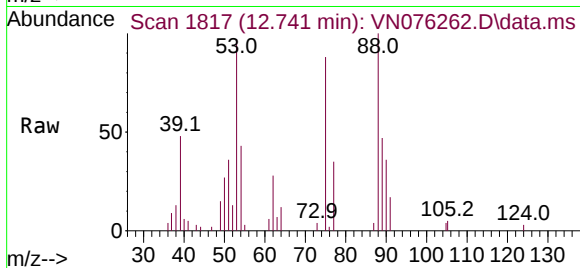




#81
trans-1,4-Dichloro-2-butene
Concen: 9.080 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

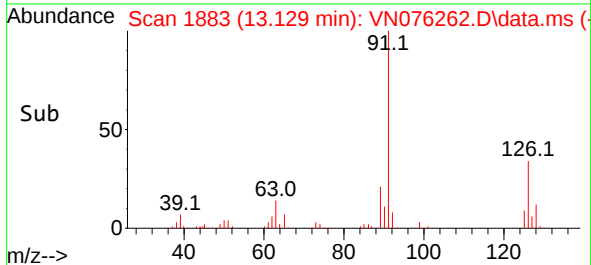
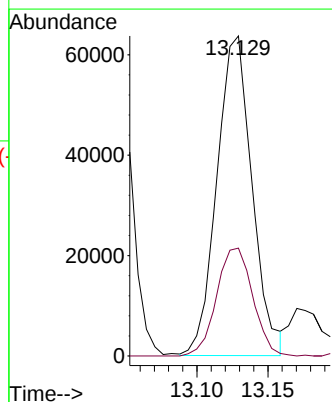
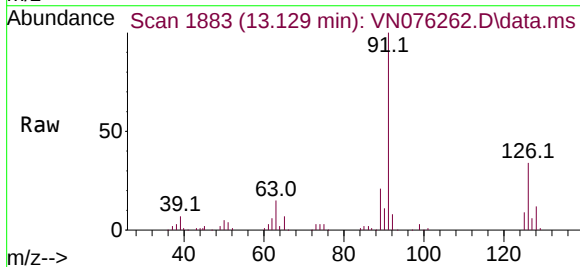
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

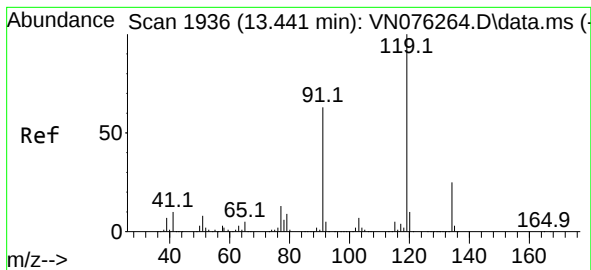
Tgt Ion: 75 Resp: 11062
Ion Ratio Lower Upper
75 100
53 105.7 75.8 113.8
89 51.0 37.0 55.6



#82
4-Chlorotoluene
Concen: 10.296 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion: 91 Resp: 109634
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2

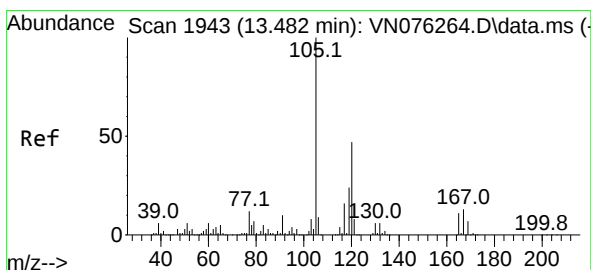
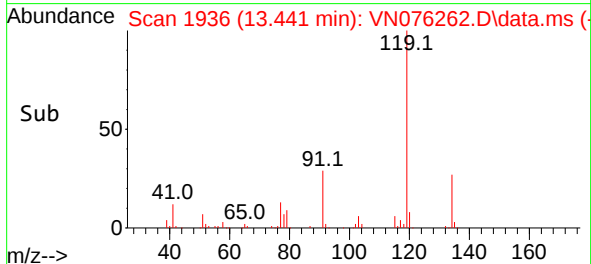
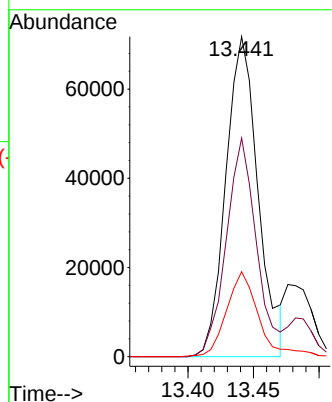
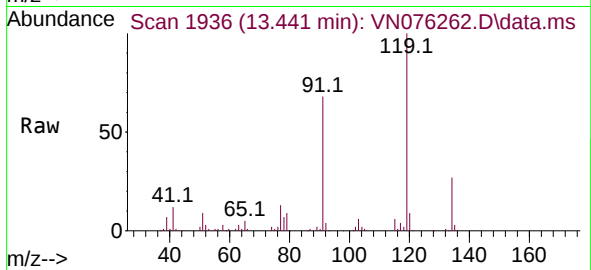




#83
tert-Butylbenzene
Concen: 10.574 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

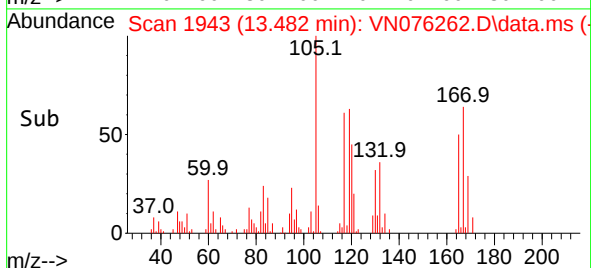
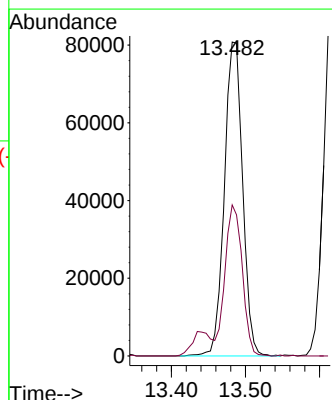
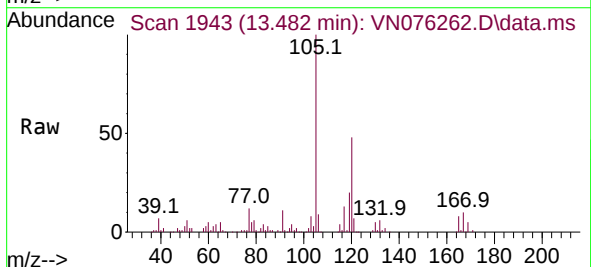
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

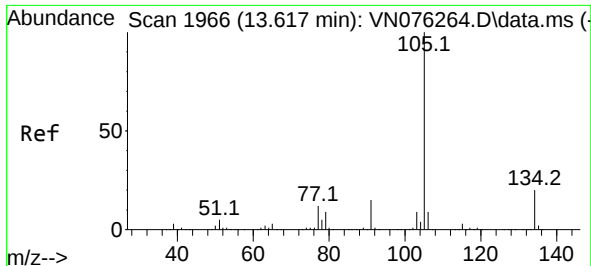
Tgt Ion:119 Resp: 122723
Ion Ratio Lower Upper
119 100
91 64.2 32.2 96.6
134 26.5 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 10.872 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN076262.D
Acq: 16 Jan 2023 11:18

Tgt Ion:105 Resp: 138168
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.5

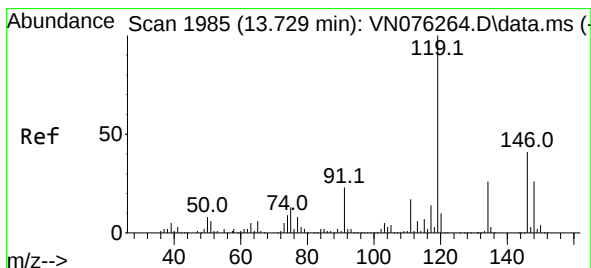
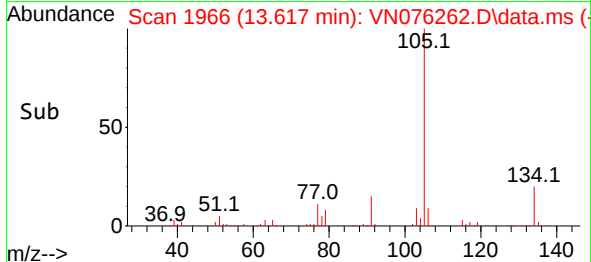
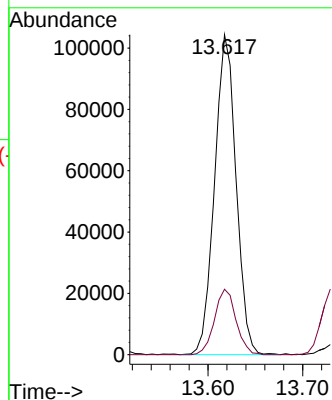
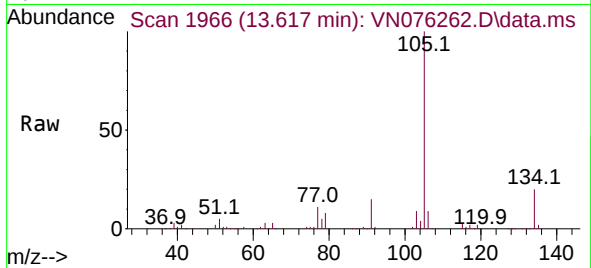




#85
 sec-Butylbenzene
 Concen: 10.401 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076262.D
 Acq: 16 Jan 2023 11:18

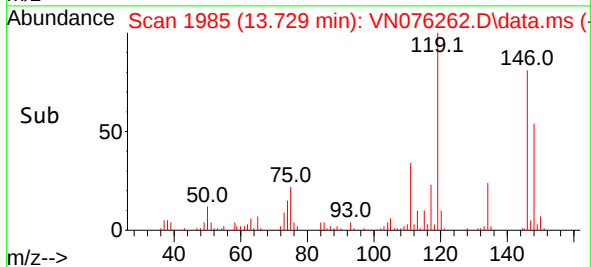
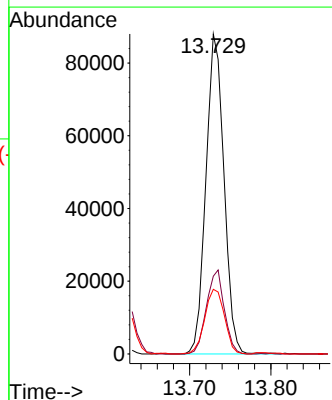
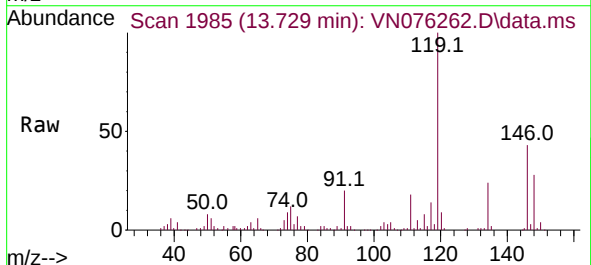
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

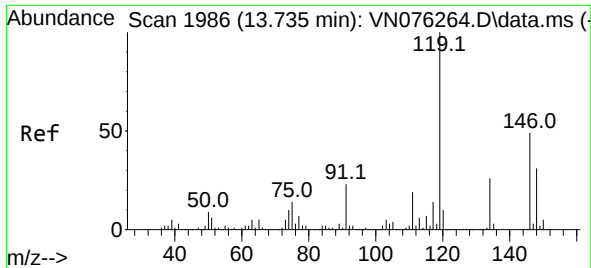
Tgt Ion:105 Resp: 164588
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 10.488 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN076262.D
 Acq: 16 Jan 2023 11:18

Tgt Ion:119 Resp: 135432
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.2 39.6
 91 22.1 11.8 35.3

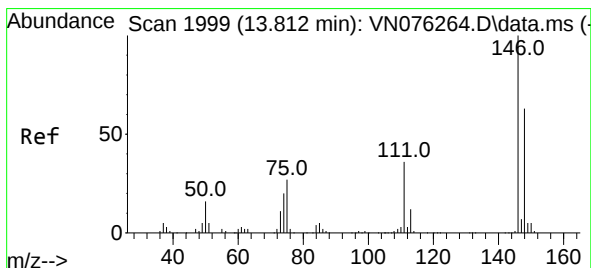
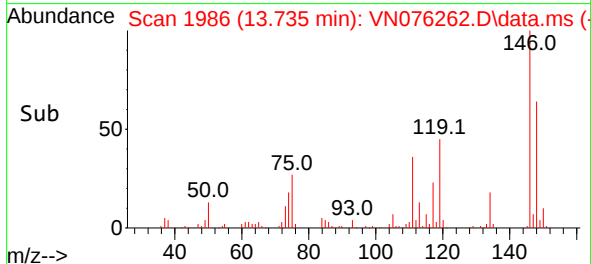
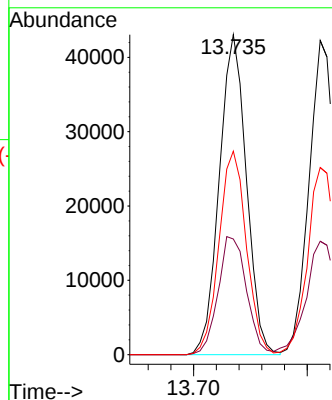
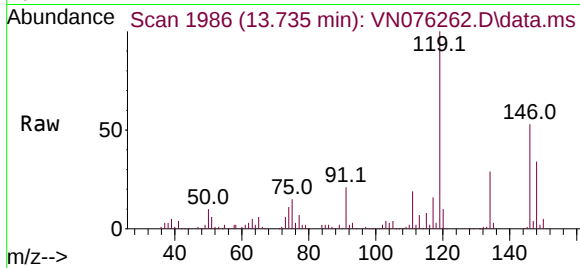




#87
 1,3-Dichlorobenzene
 Concen: 10.089 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076262.D
 Acq: 16 Jan 2023 11:18

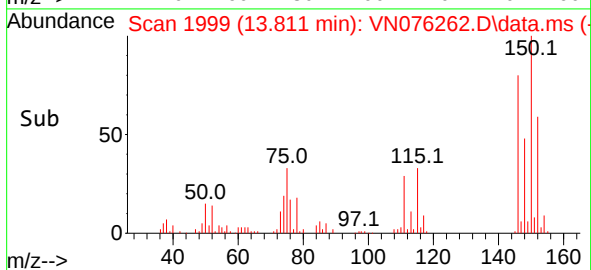
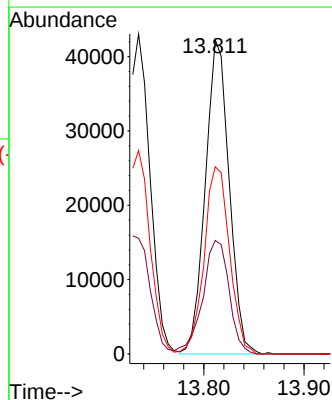
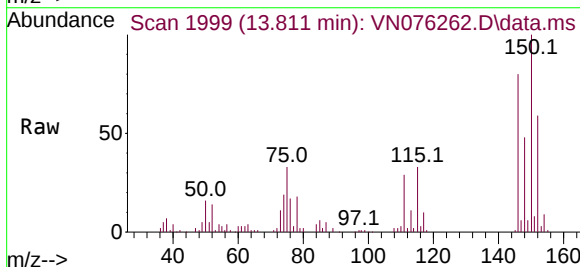
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

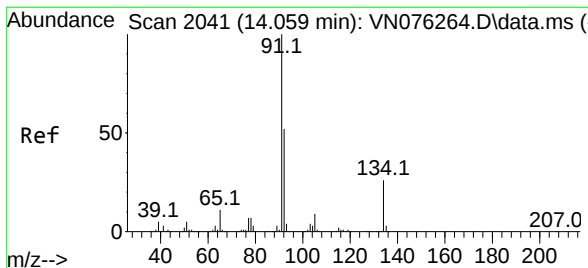
Tgt Ion:146 Resp: 71354
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.9 59.7
 148 64.3 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 9.978 ug/l
 RT: 13.811 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN076262.D
 Acq: 16 Jan 2023 11:18

Tgt Ion:146 Resp: 70033
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.1 57.5
 148 63.5 31.9 95.9





#89

n-Butylbenzene

Concen: 9.895 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

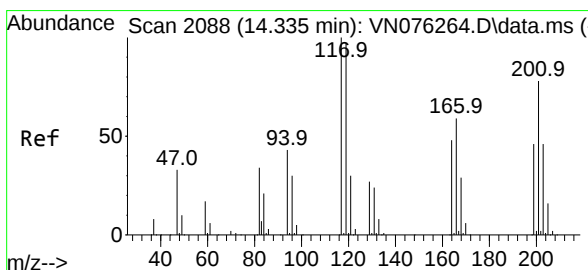
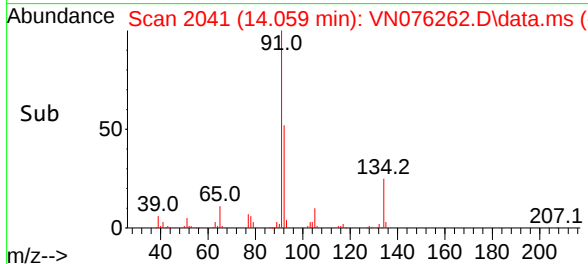
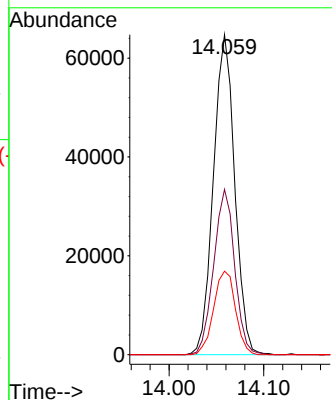
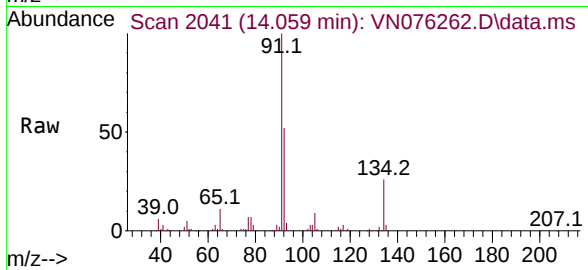
Tgt Ion: 91 Resp: 101141

Ion Ratio Lower Upper

91 100

92 50.9 26.3 78.9

134 26.8 13.2 39.5



#90

Hexachloroethane

Concen: 9.800 ug/l

RT: 14.329 min Scan# 2087

Delta R.T. -0.006 min

Lab File: VN076262.D

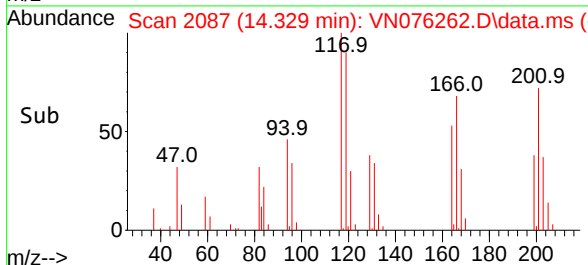
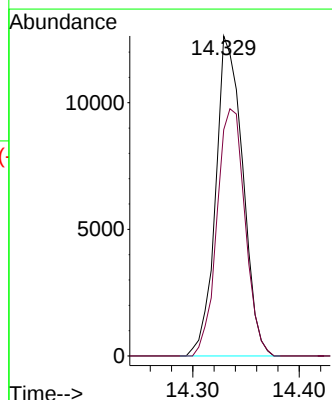
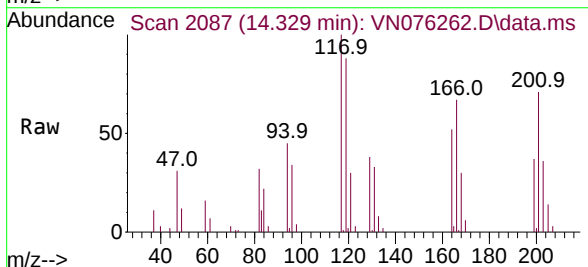
Acq: 16 Jan 2023 11:18

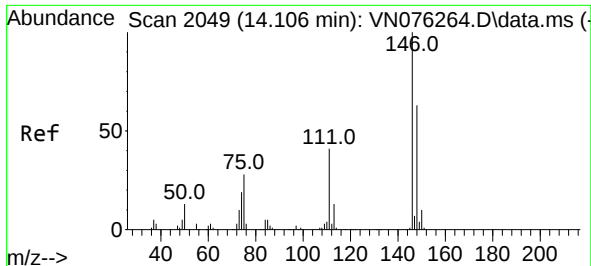
Tgt Ion: 117 Resp: 22281

Ion Ratio Lower Upper

117 100

201 80.1 37.3 111.9





#91

1,2-Dichlorobenzene

Concen: 10.012 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

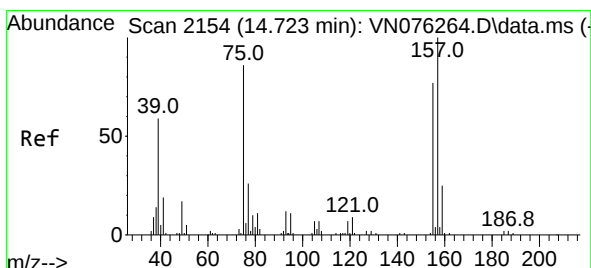
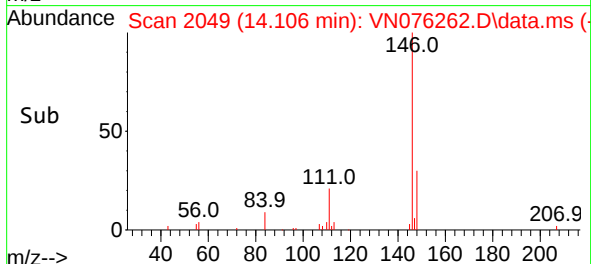
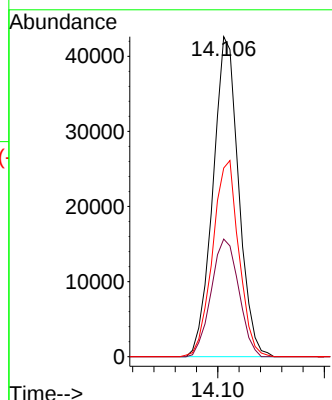
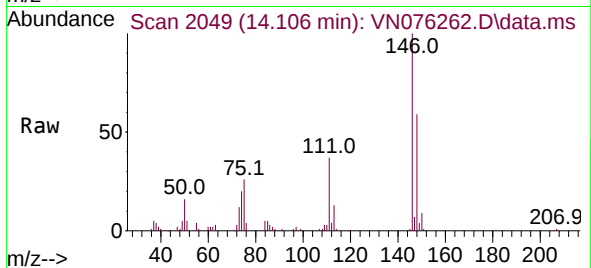
Tgt Ion:146 Resp: 71367

Ion Ratio Lower Upper

146 100

111 39.4 20.3 60.8

148 62.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.627 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

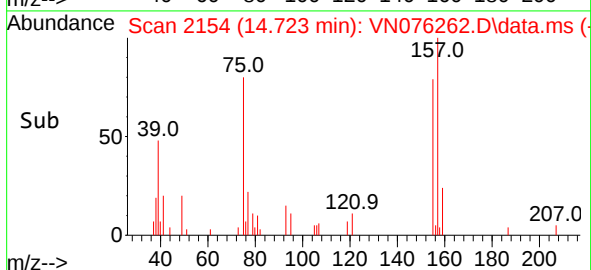
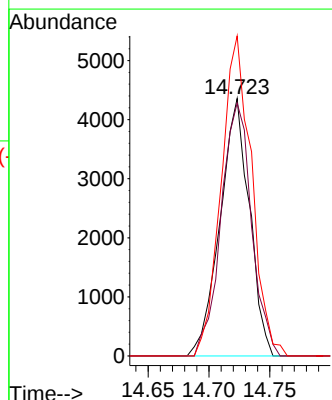
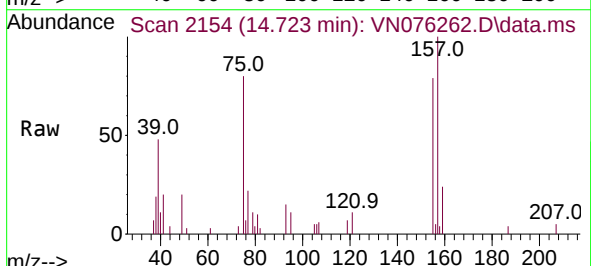
Tgt Ion: 75 Resp: 7288

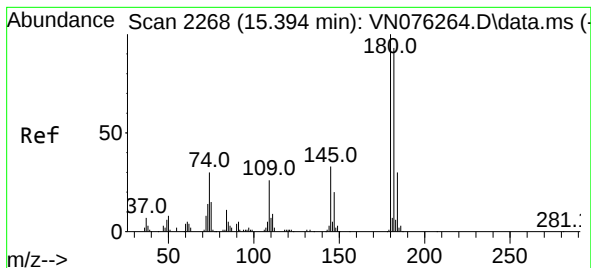
Ion Ratio Lower Upper

75 100

155 102.2 45.0 135.0

157 128.2 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 10.043 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

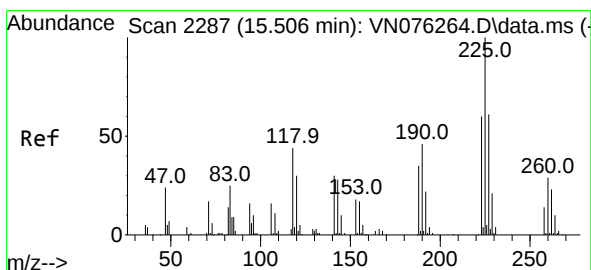
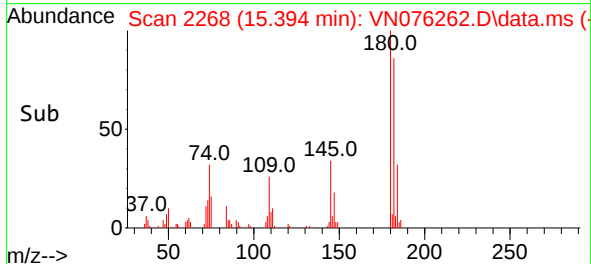
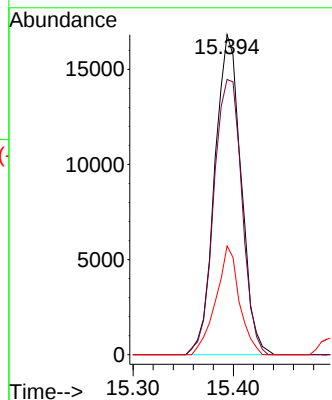
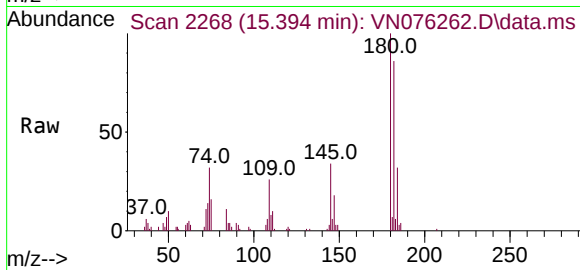
Tgt Ion:180 Resp: 30695

Ion Ratio Lower Upper

180 100

182 91.7 47.0 141.2

145 30.2 15.2 45.5



#94

Hexachlorobutadiene

Concen: 9.849 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

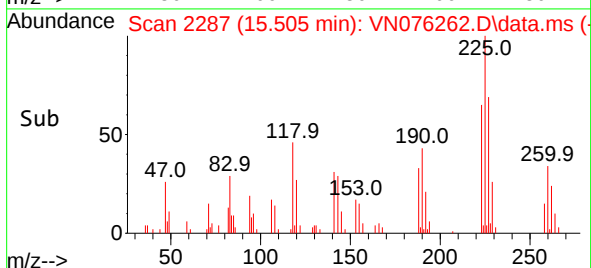
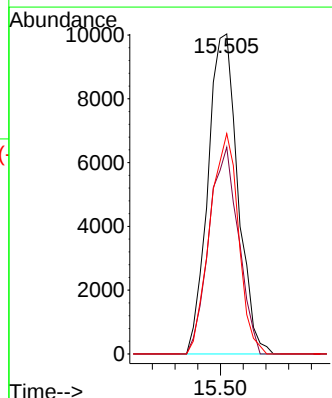
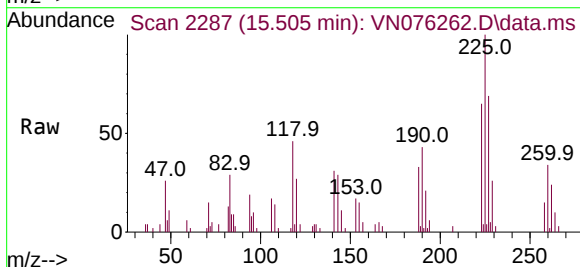
Tgt Ion:225 Resp: 18333

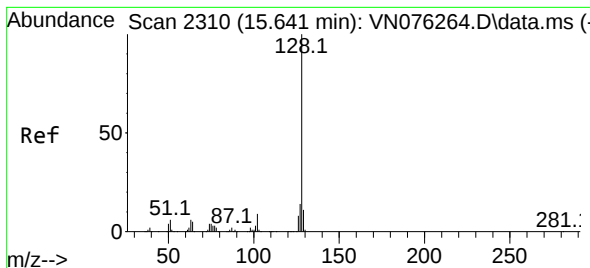
Ion Ratio Lower Upper

225 100

223 63.6 30.8 92.3

227 66.0 30.9 92.8





#95

Naphthalene

Concen: 9.521 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

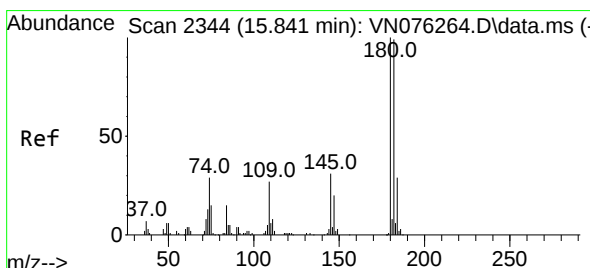
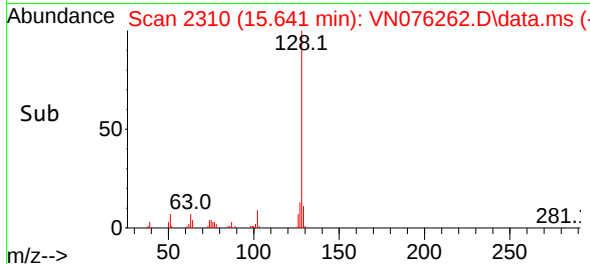
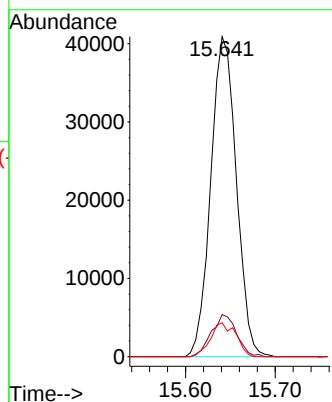
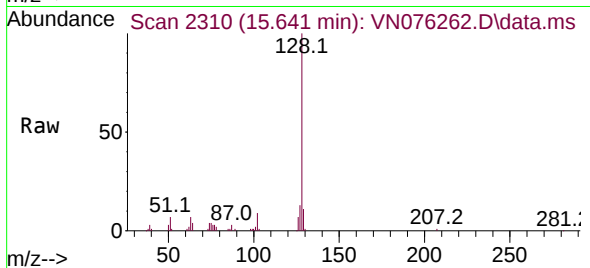
Tgt Ion:128 Resp: 80951

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 10.316 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Tgt Ion:180 Resp: 30742

Ion Ratio Lower Upper

180 100

182 90.6 47.5 142.5

145 28.7 15.9 47.6

