

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111323\
 Data File : VV032926.D
 Acq On : 13 Nov 2023 12:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 23:11:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 13 23:03:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	435716	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	430585	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	238710	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	177259	48.101	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.200%
7) Chloroethane-d5	1.529	69	148311	48.574	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.140%
11) 1,1-Dichloroethene-d2	2.060	65	76481	47.634	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.260%
21) 2-Butanone-d5	3.780	46	170348	107.841	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.840%
24) Chloroform-d	4.249	84	323955	50.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.780%
26) 1,2-Dichloroethane-d4	4.941	65	196222	50.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.300%
32) Benzene-d6	4.960	84	618020	52.625	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.260%
36) 1,2-Dichloropropane-d6	5.989	67	182268	53.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.780%
41) Toluene-d8	7.243	98	574433	53.054	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.100%
43) trans-1,3-Dichloroprop...	7.551	79	94339	52.058	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.120%
47) 2-Hexanone-d5	8.024	63	142434	113.895	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.890%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	266623	53.319	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.640%
66) 1,2-Dichlorobenzene-d4	11.561	152	236540	50.996	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	176949	46.965	ug/L	100
3) Chloromethane	1.214	50	180212	48.408	ug/L	98
5) Vinyl chloride	1.282	62	177567	47.404	ug/L	99
6) Bromomethane	1.484	94	126446	50.923	ug/L	100
8) Chloroethane	1.548	64	116112	49.085	ug/L	100
9) Trichlorofluoromethane	1.712	101	280526	47.167	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	159085	46.173	ug/L	98
12) 1,1-Dichloroethene	2.069	96	148482	48.179	ug/L	93
13) Acetone	2.108	43	188912	89.584	ug/L	97
14) Carbon disulfide	2.243	76	430161	49.013	ug/L	99
15) Methyl Acetate	2.372	43	135482	54.643	ug/L	99
16) Methylene chloride	2.446	84	161919	49.245	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	149155	48.887	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	463523	51.768	ug/L	100
19) 1,1-Dichloroethane	3.111	63	264961	48.611	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	168199	51.192	ug/L	99
22) 2-Butanone	3.860	43	190555	97.013	ug/L	100
23) Bromochloromethane	4.150	128	90390	48.979	ug/L	99
25) Chloroform	4.275	83	293449	48.789	ug/L	99

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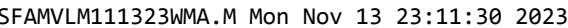
Instrument :
 MSVOA_V
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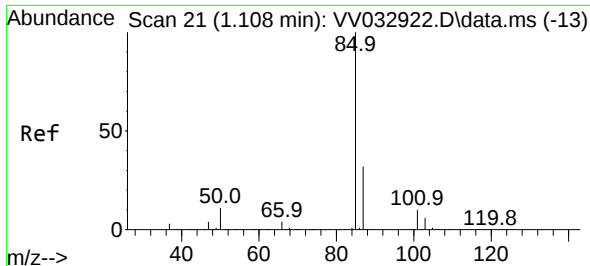
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 Quant Title : VOC Analysis
 QLast Update : Mon Nov 13 23:03:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	225210	49.639	ug/L	98
29) Cyclohexane	4.584	56	213883	51.688	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	262669	49.778	ug/L	99
31) Carbon tetrachloride	4.735	117	233723	49.530	ug/L	100
33) Benzene	5.008	78	604897	51.725	ug/L	100
34) Trichloroethene	5.834	95	161789	50.904	ug/L	99
35) Methylcyclohexane	6.050	83	243449	50.826	ug/L	99
37) 1,2-Dichloropropane	6.092	63	154510	52.905	ug/L	99
38) Bromodichloromethane	6.433	83	223839	51.378	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	255371	52.575	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	357503	114.787	ug/L	100
42) Toluene	7.317	91	660582	51.764	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	252362	53.489	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	166160	51.269	ug/L	99
46) Tetrachloroethene	7.905	164	132713	48.540	ug/L	98
48) 2-Hexanone	8.076	43	282859	104.243	ug/L	99
49) Dibromochloromethane	8.175	129	181475	51.978	ug/L	98
50) 1,2-Dibromoethane	8.281	107	180571	52.345	ug/L	98
51) Chlorobenzene	8.815	112	441060	49.892	ug/L	99
52) Ethylbenzene	8.947	91	730903	51.717	ug/L	98
53) m,p-Xylene	9.072	106	281518	51.806	ug/L	99
54) o-Xylene	9.481	106	276772	52.822	ug/L	97
55) Styrene	9.497	104	490731	53.097	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	259829	52.112	ug/L	98
59) Bromoform	9.664	173	135053	53.181	ug/L	99
60) Isopropylbenzene	9.870	105	744445	52.682	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	188643	53.987	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	579655	54.074	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	614067	54.786	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	374788	50.852	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	382429	48.382	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	372017	50.195	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	53154	54.432	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	276372	49.981	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	261021	52.550	ug/L	98
71) Naphthalene	13.439	128	782331	59.935	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	268235	53.658	ug/L	99

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

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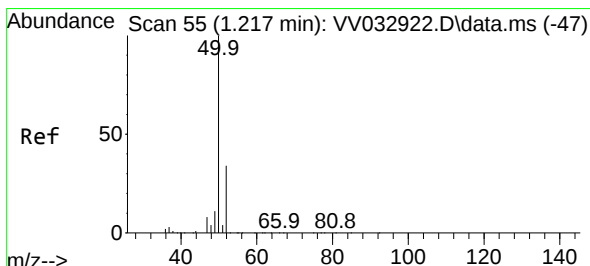
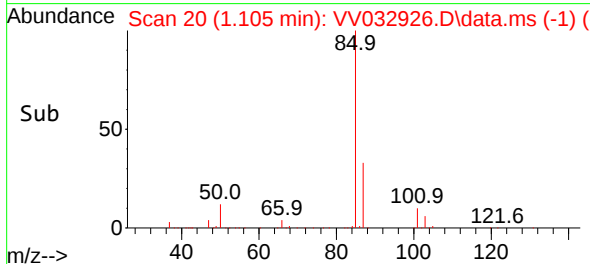
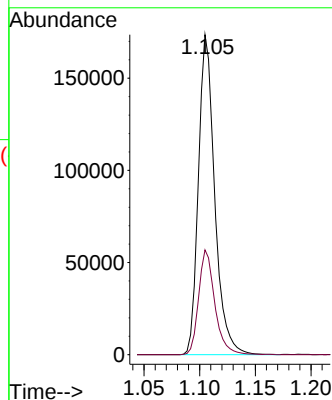
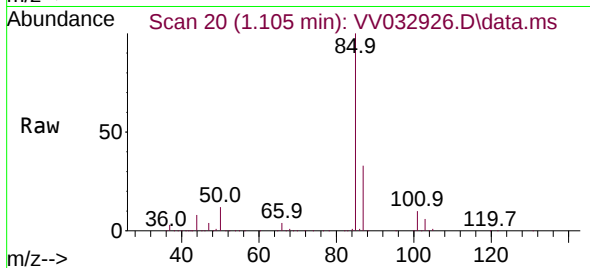




#2
Dichlorodifluoromethane
Concen: 46.965 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

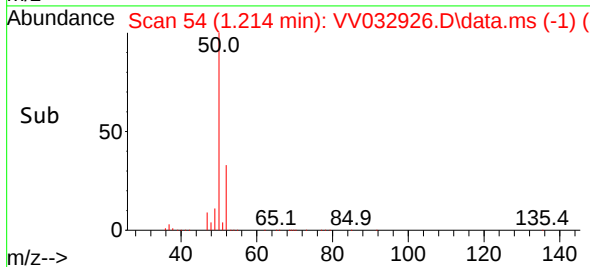
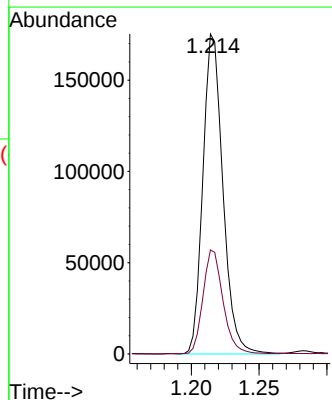
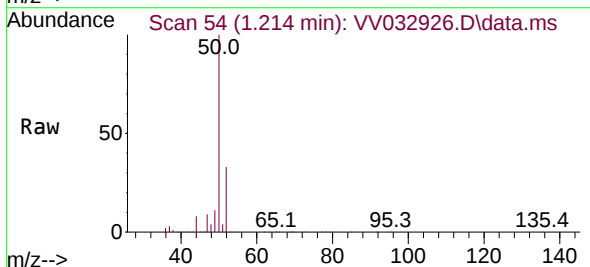
Instrument :
MSVOA_V
ClientSampleId :

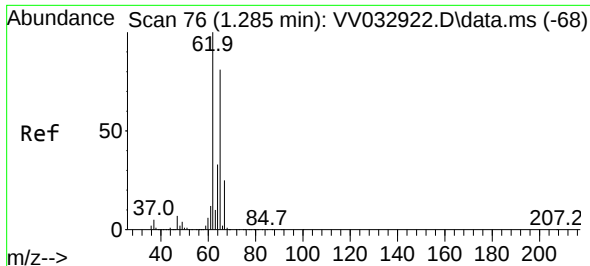
Tgt Ion: 85 Resp: 176949
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.8



#3
Chloromethane
Concen: 48.408 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 50 Resp: 180212
Ion Ratio Lower Upper
50 100
52 32.5 23.6 43.8



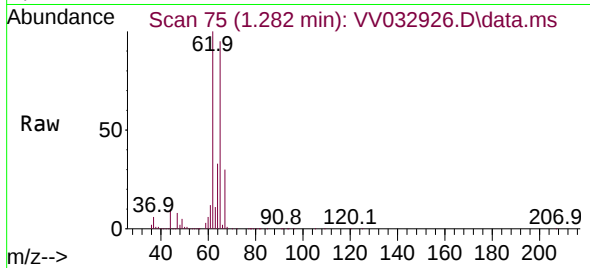


#5
 Vinyl chloride
 Concen: 47.404 ug/L
 RT: 1.282 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV032926.D
 Acq: 13 Nov 2023 12:40

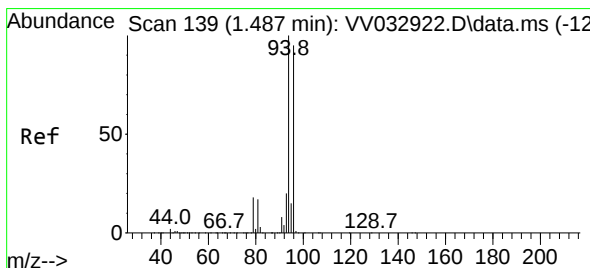
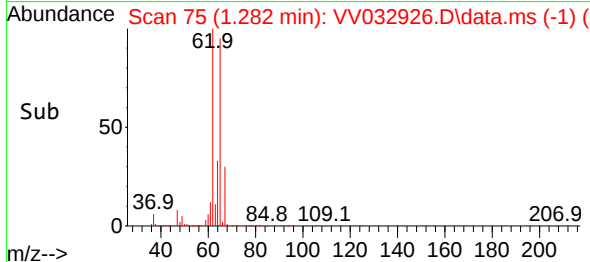
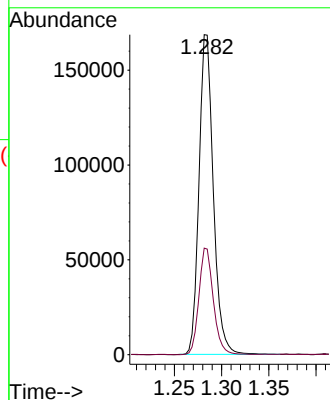
Instrument :

MSVOA_V

ClientSampleId :

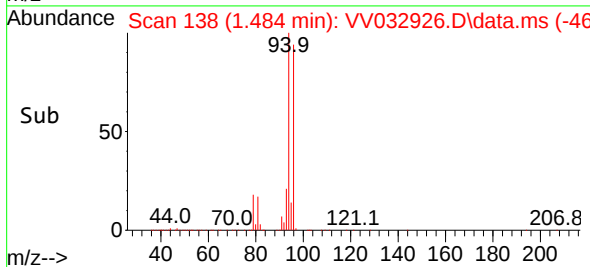
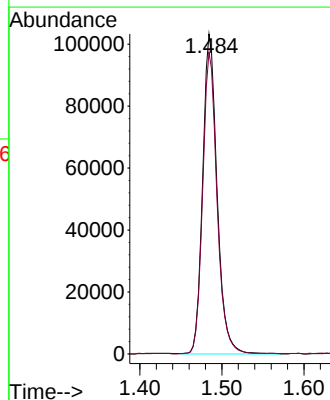
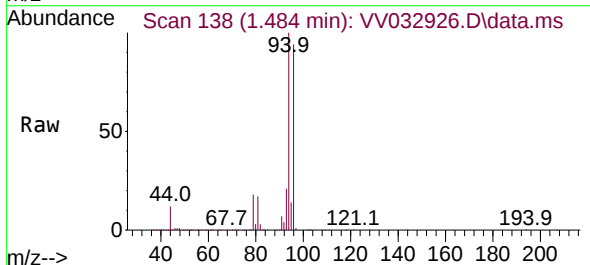


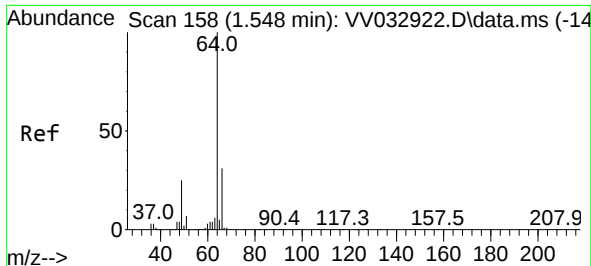
Tgt Ion: 62 Resp: 177567
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.1 42.9



#6
 Bromomethane
 Concen: 50.923 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV032926.D
 Acq: 13 Nov 2023 12:40

Tgt Ion: 94 Resp: 126446
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.0 122.6

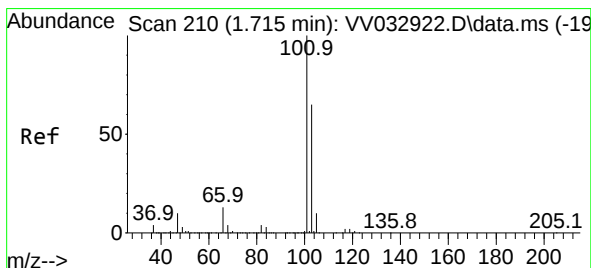
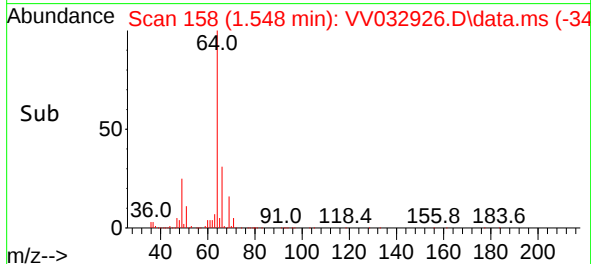
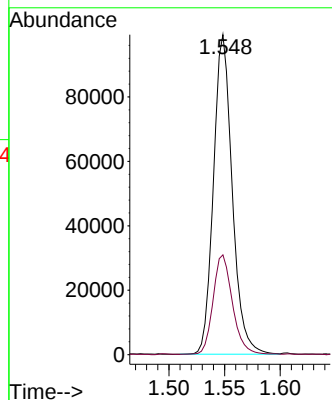
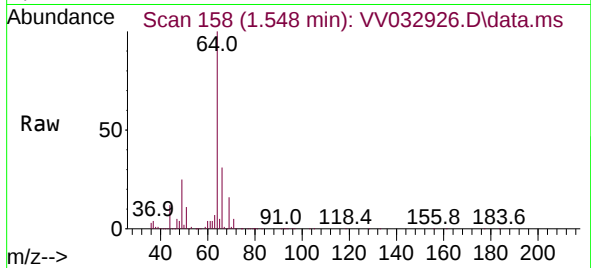




#8
Chloroethane
Concen: 49.085 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

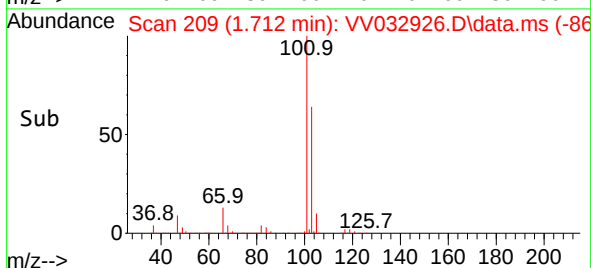
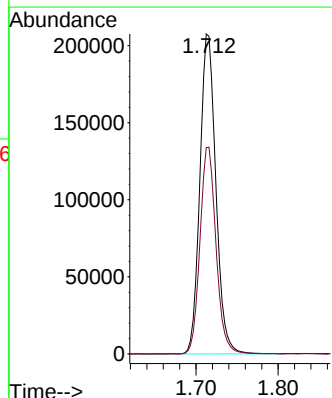
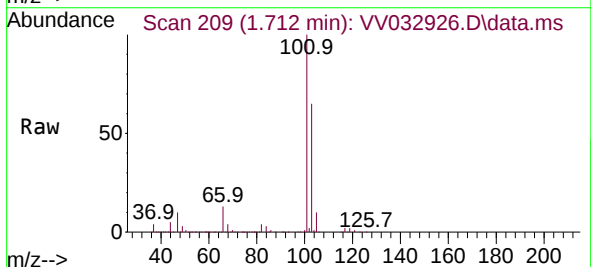
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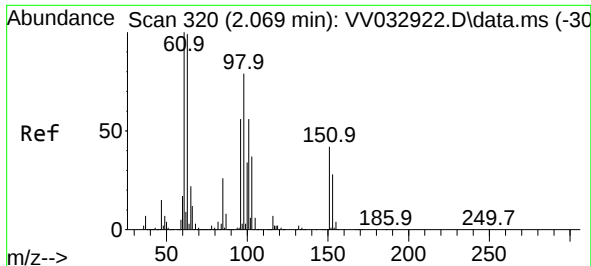
Tgt Ion: 64 Resp: 116112
Ion Ratio Lower Upper
64 100
66 31.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 47.167 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 101 Resp: 280526
Ion Ratio Lower Upper
101 100
103 65.0 51.2 76.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 46.173 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_V

ClientSampleId :

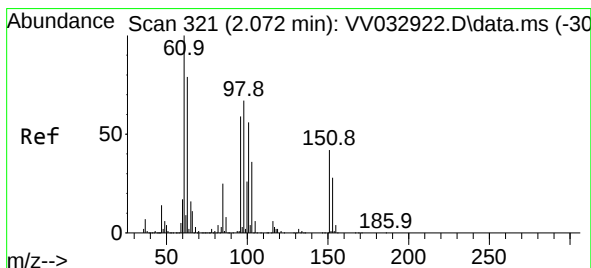
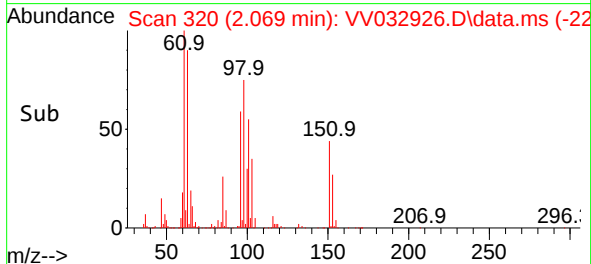
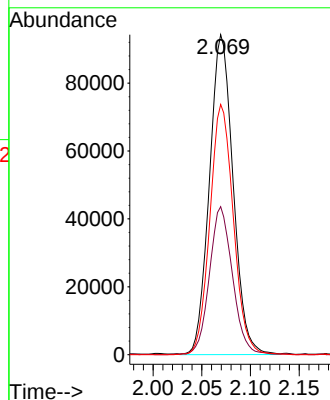
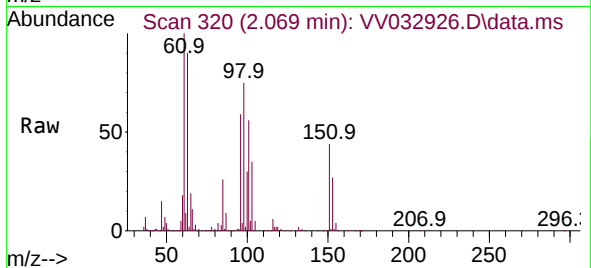
Tgt Ion:101 Resp: 159085

Ion Ratio Lower Upper

101 100

85 45.1 35.9 53.9

151 77.9 60.6 91.0



#12

1,1-Dichloroethene

Concen: 48.179 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.003 min

Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

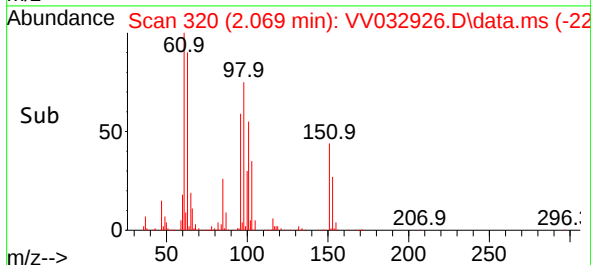
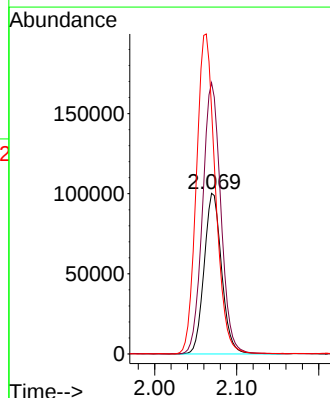
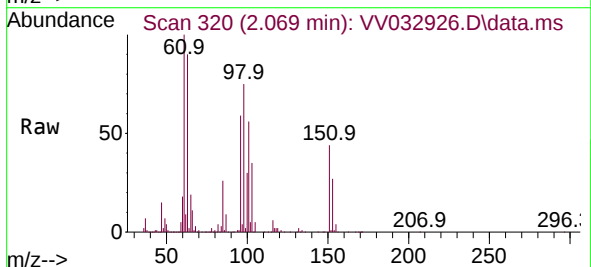
Tgt Ion: 96 Resp: 148482

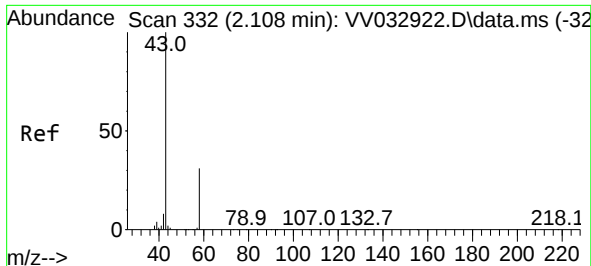
Ion Ratio Lower Upper

96 100

61 168.9 119.6 222.0

63 152.6 95.1 176.7





#13

Acetone

Concen: 89.584 ug/L

RT: 2.108 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_V

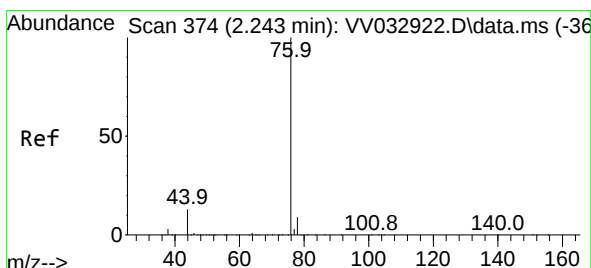
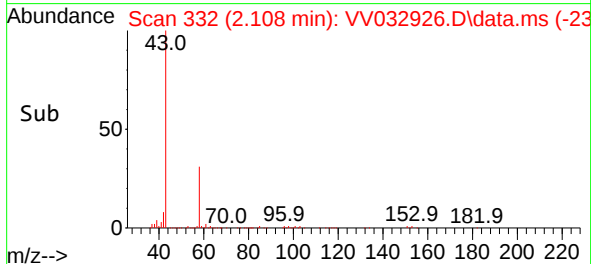
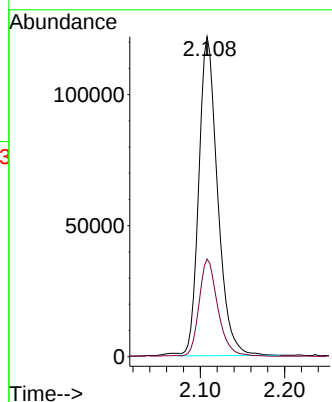
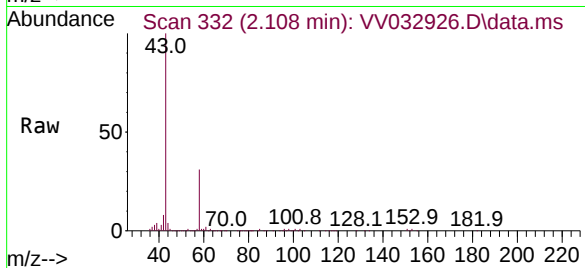
ClientSampleId :

Tgt Ion: 43 Resp: 188912

Ion Ratio Lower Upper

43 100

58 30.0 0.0 62.8



#14

Carbon disulfide

Concen: 49.013 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV032926.D

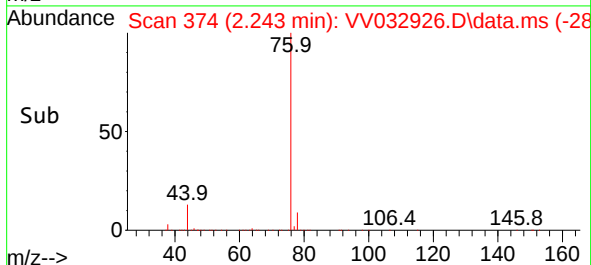
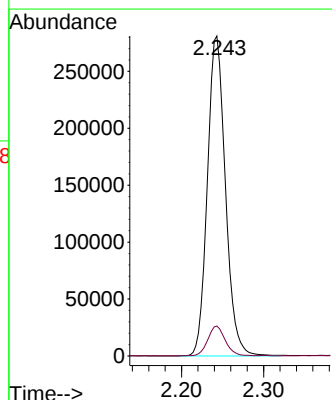
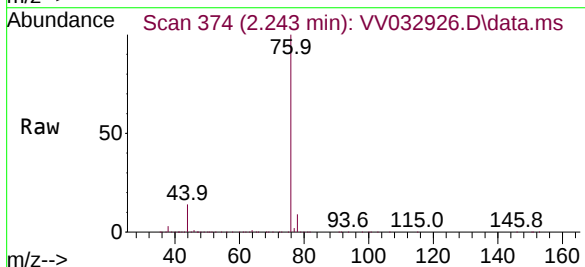
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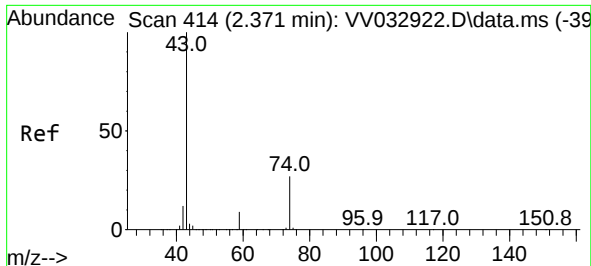
Tgt Ion: 76 Resp: 430161

Ion Ratio Lower Upper

76 100

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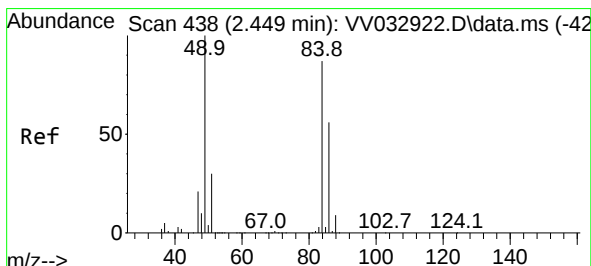
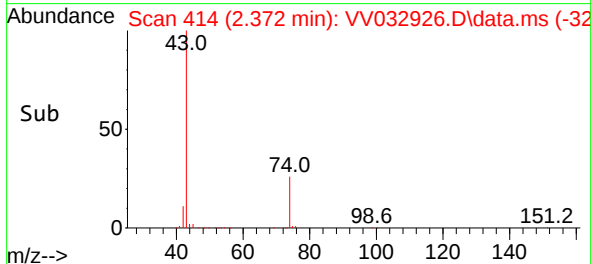
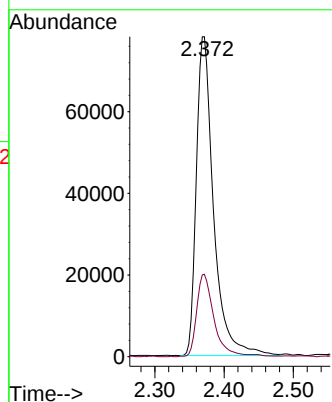
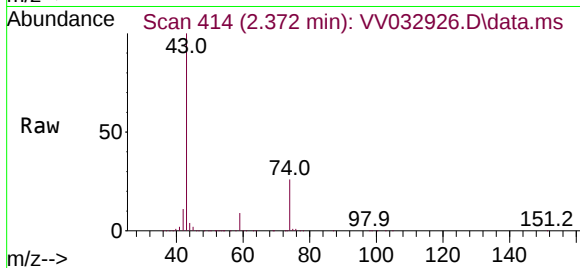




#15
Methyl Acetate
Concen: 54.643 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

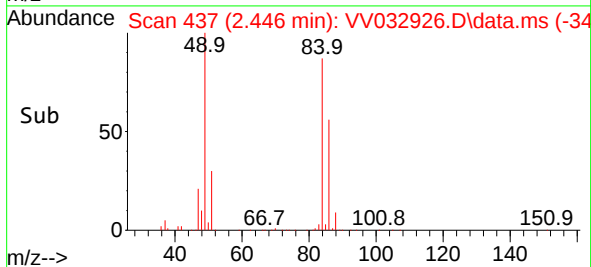
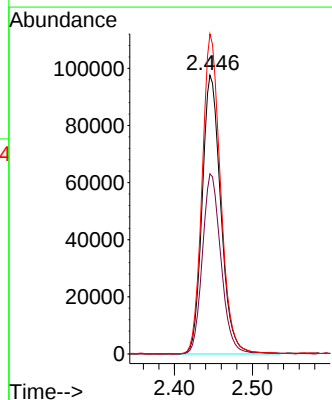
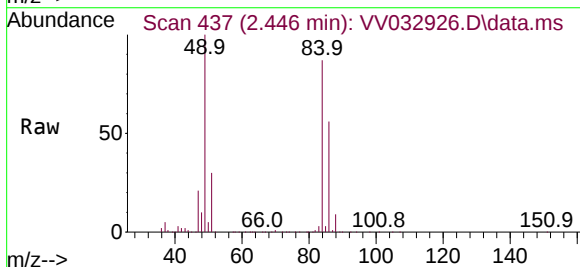
Instrument :
MSVOA_V
ClientSampleId :

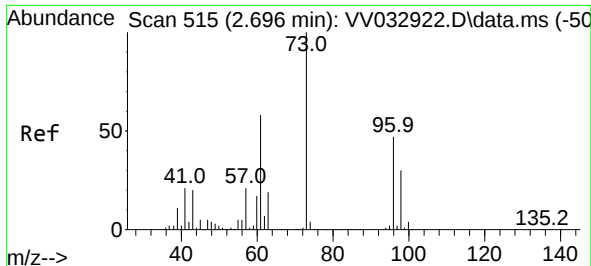
Tgt Ion: 43 Resp: 135482
Ion Ratio Lower Upper
43 100
74 25.4 20.8 31.2



#16
Methylene chloride
Concen: 49.245 ug/L
RT: 2.446 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 84 Resp: 161919
Ion Ratio Lower Upper
84 100
86 64.6 45.3 84.1
49 114.8 80.6 149.6

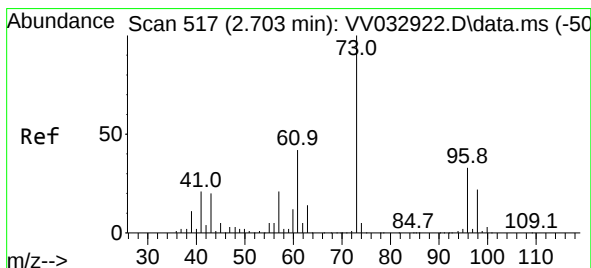
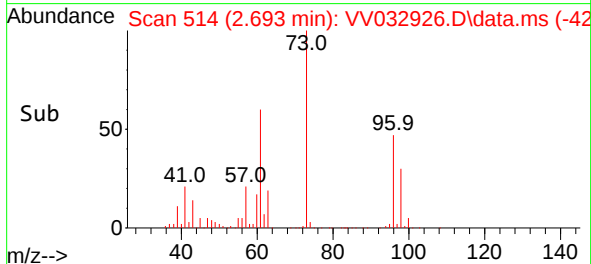
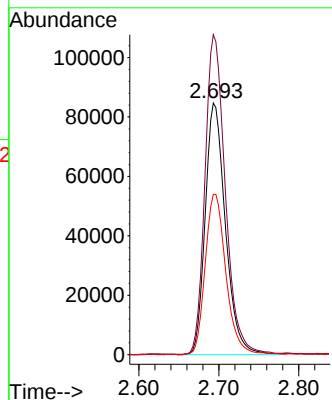
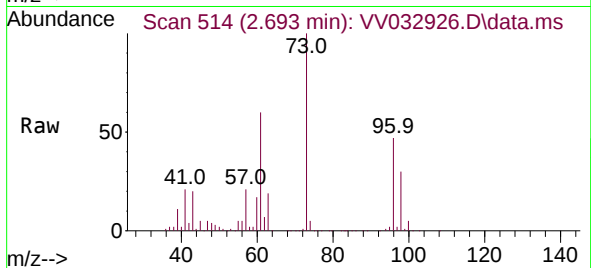




#17
trans-1,2-Dichloroethene
Concen: 48.887 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

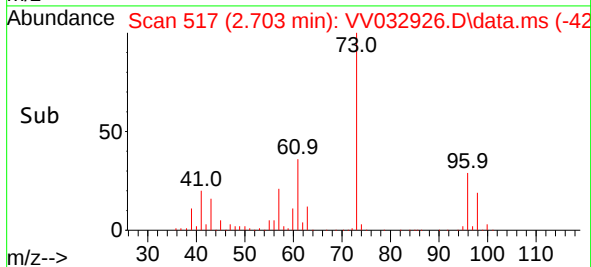
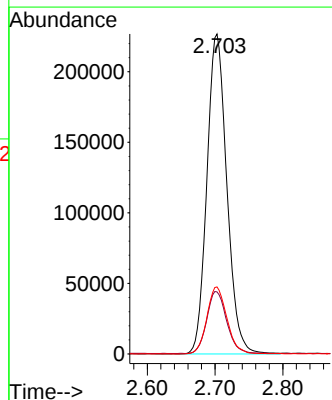
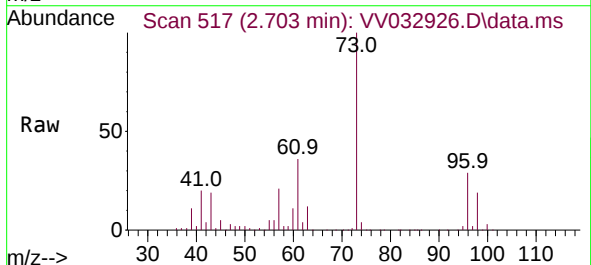
Instrument :
MSVOA_V
ClientSampleId :

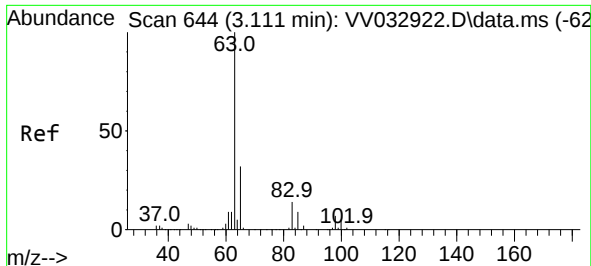
Tgt Ion: 96 Resp: 149155
Ion Ratio Lower Upper
96 100
61 127.1 86.9 161.5
98 63.7 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 51.768 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 73 Resp: 463523
Ion Ratio Lower Upper
73 100
43 19.4 15.7 23.5
57 21.0 17.0 25.4

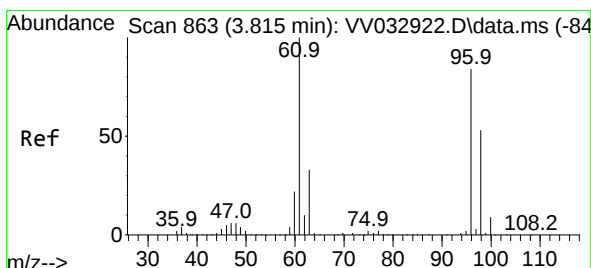
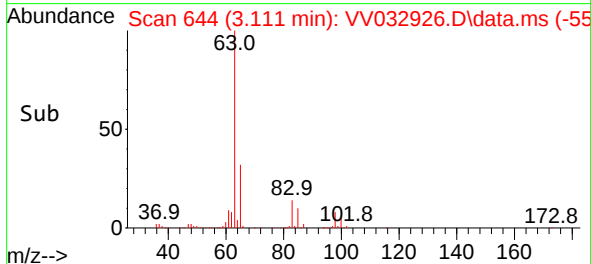
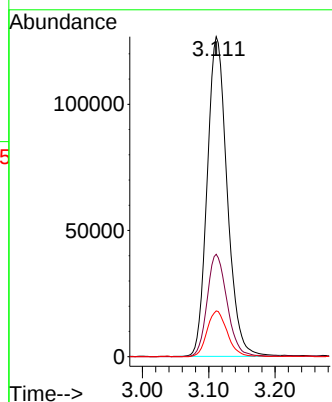
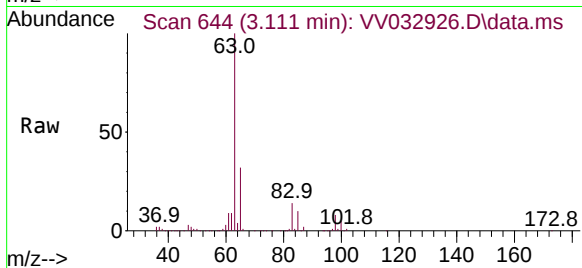




#19
1,1-Dichloroethane
Concen: 48.611 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

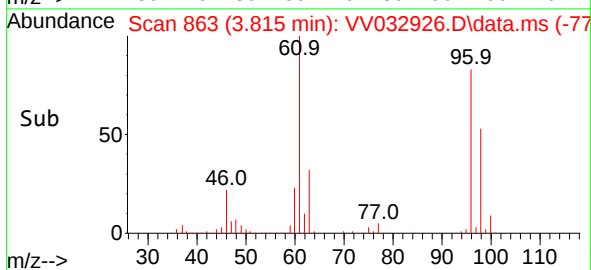
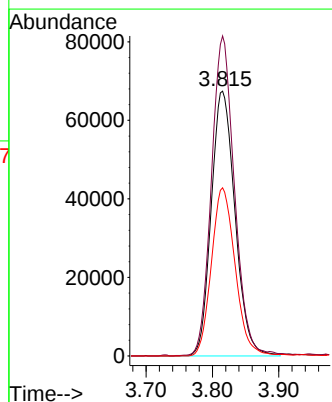
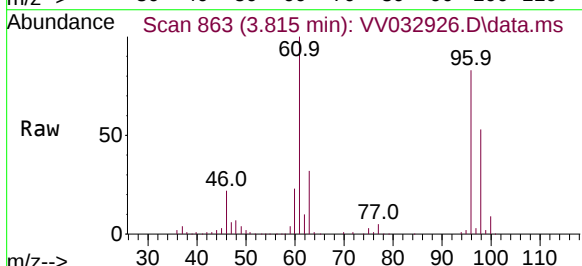
Instrument :
MSVOA_V
ClientSampleId :

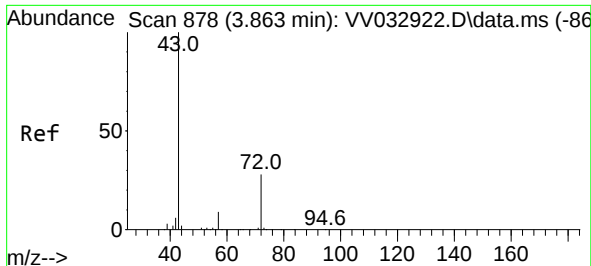
Tgt Ion: 63 Resp: 264961
Ion Ratio Lower Upper
63 100
65 32.0 22.0 41.0
83 14.3 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 51.192 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 96 Resp: 168199
Ion Ratio Lower Upper
96 100
61 120.8 83.5 155.1
98 63.5 44.0 81.8

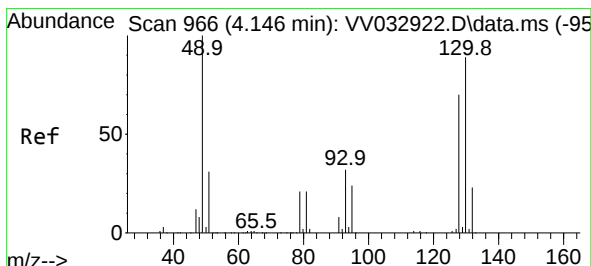
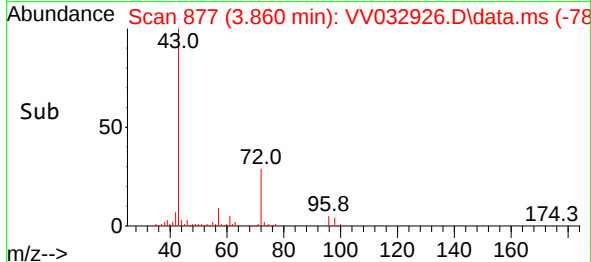
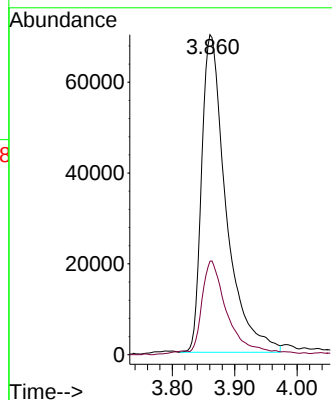
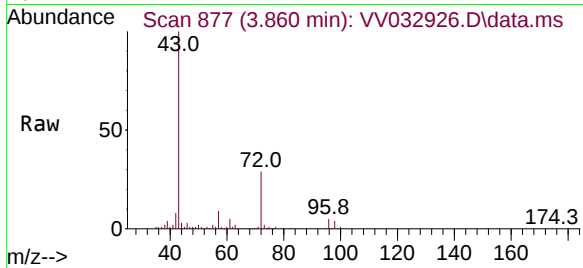




#22
2-Butanone
Concen: 97.013 ug/L
RT: 3.860 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

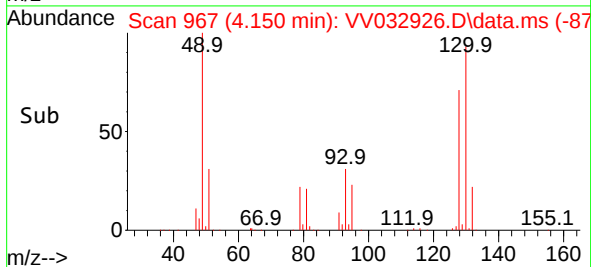
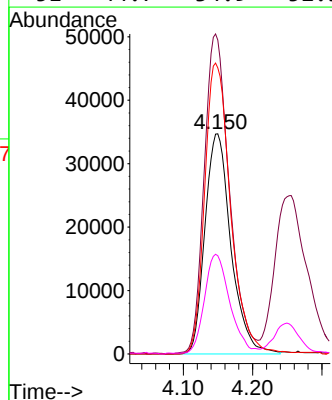
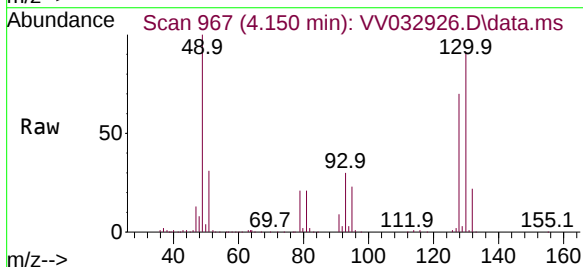
Instrument :
MSVOA_V
ClientSampleId :

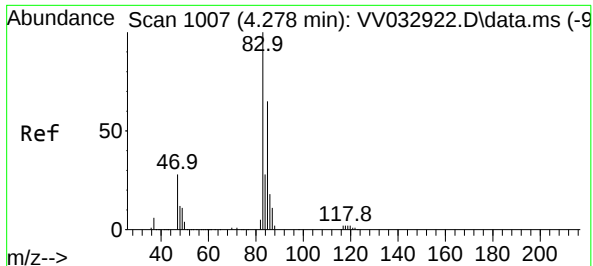
Tgt Ion: 43 Resp: 190555
Ion Ratio Lower Upper
43 100
72 28.0 14.0 41.9



#23
Bromochloromethane
Concen: 48.979 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.003 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt Ion:128 Resp: 90390
Ion Ratio Lower Upper
128 100
49 142.6 99.7 185.1
130 129.9 88.7 164.7
51 44.7 34.9 52.3

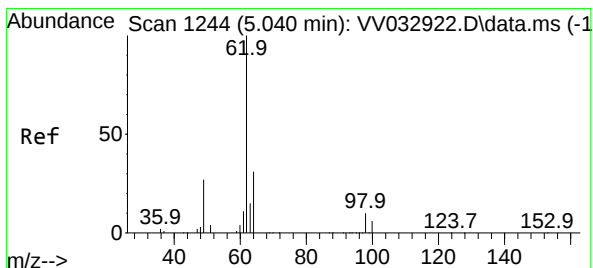
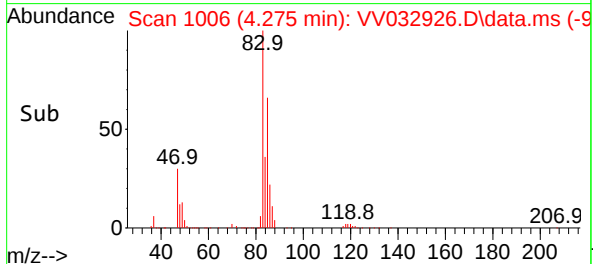
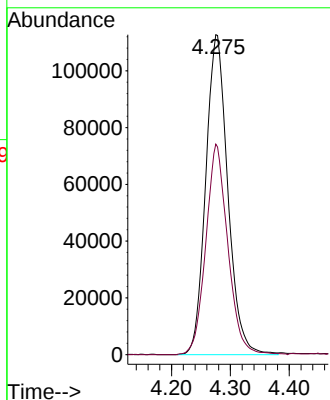
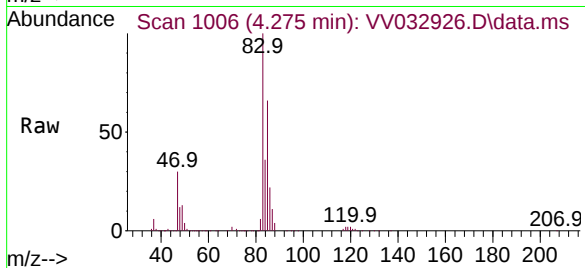




#25
Chloroform
Concen: 48.789 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.003 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

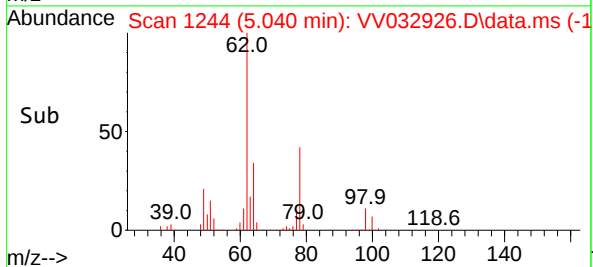
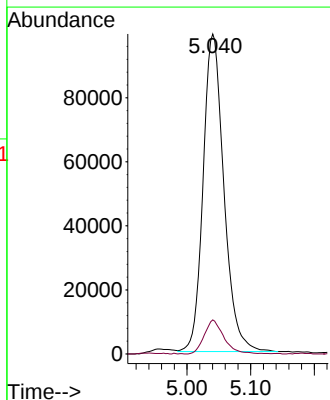
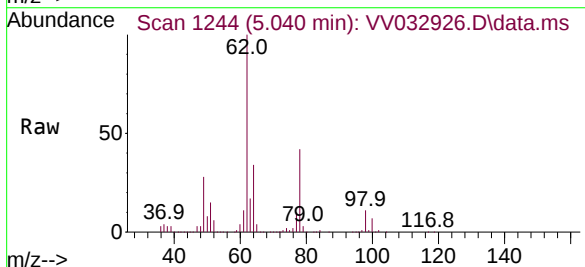
Instrument :
MSVOA_V
ClientSampleId :

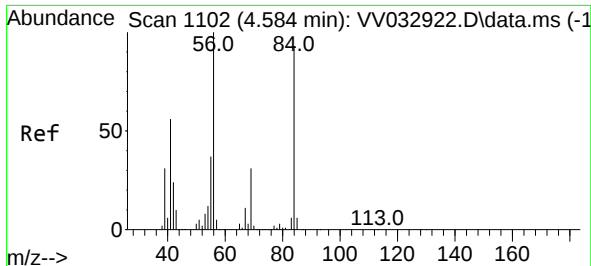
Tgt Ion: 83 Resp: 293449
Ion Ratio Lower Upper
83 100
85 65.8 45.5 84.5



#27
1,2-Dichloroethane
Concen: 49.639 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 62 Resp: 225210
Ion Ratio Lower Upper
62 100
98 10.6 8.0 12.0





#29

Cyclohexane

Concen: 51.688 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_V

ClientSampleId :

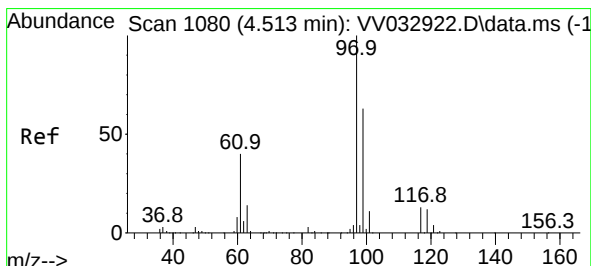
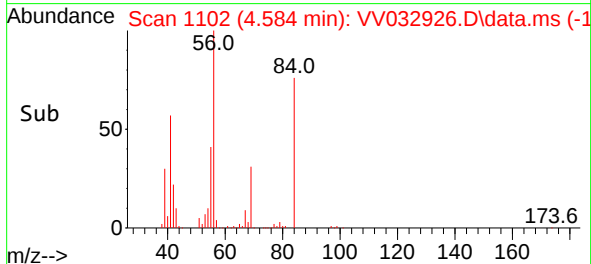
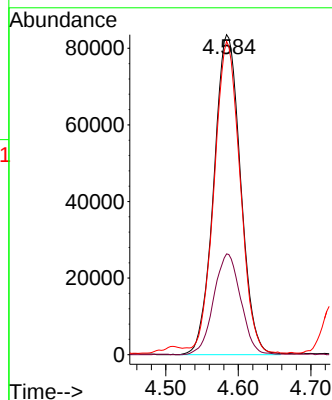
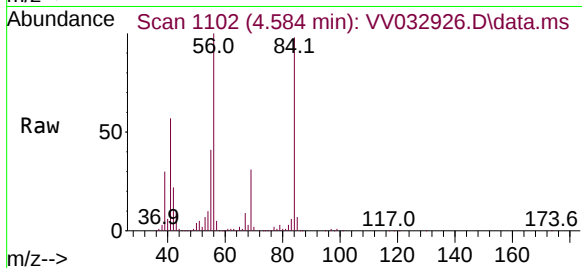
Tgt Ion: 56 Resp: 213883

Ion Ratio Lower Upper

56 100

69 31.8 24.7 37.1

84 94.6 76.6 115.0



#30

1,1,1-Trichloroethane

Concen: 49.778 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

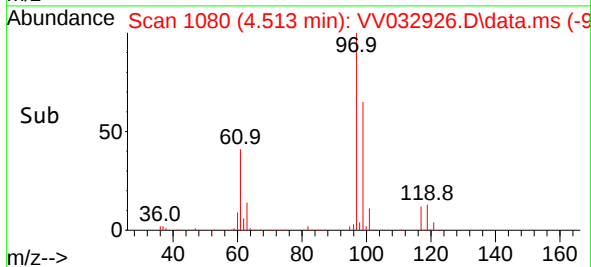
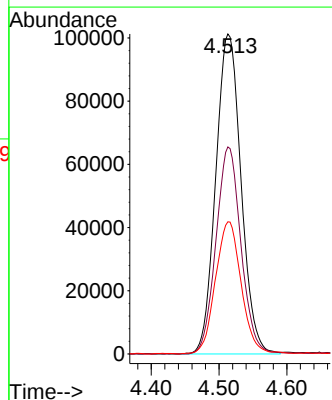
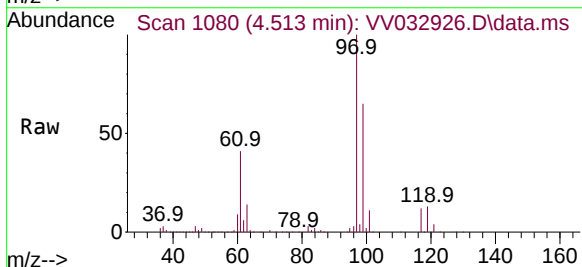
Tgt Ion: 97 Resp: 262669

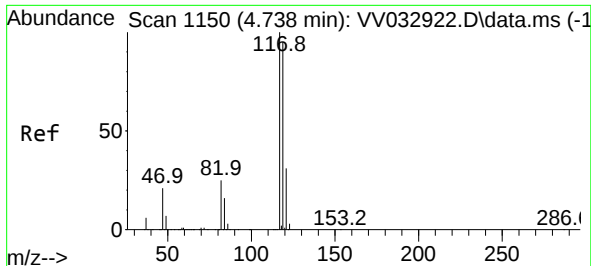
Ion Ratio Lower Upper

97 100

99 63.9 51.6 77.4

61 41.9 33.3 49.9

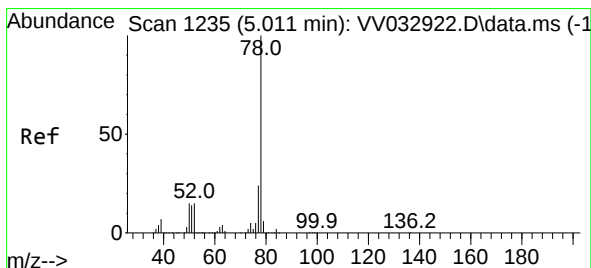
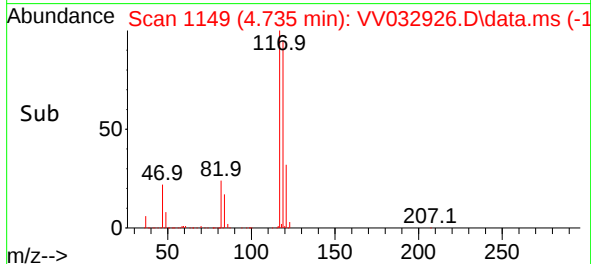
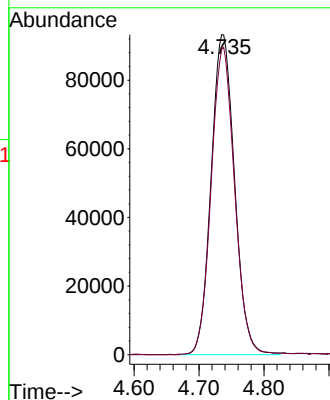
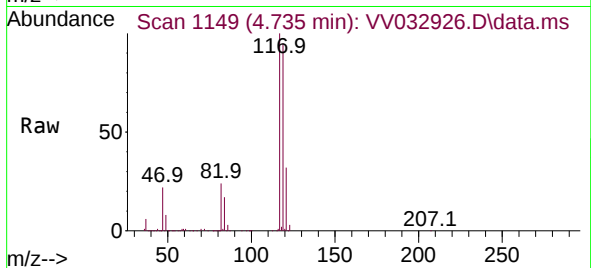




#31
Carbon tetrachloride
Concen: 49.530 ug/L
RT: 4.735 min Scan# 1150
Delta R.T. -0.003 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

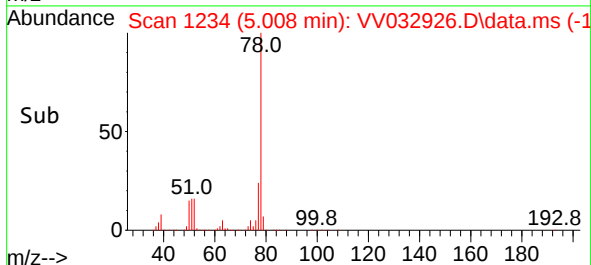
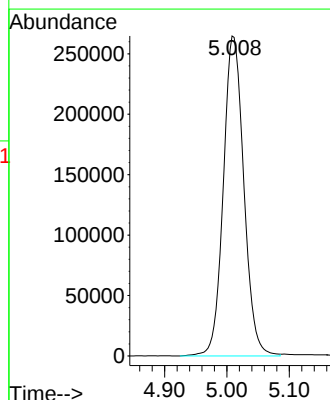
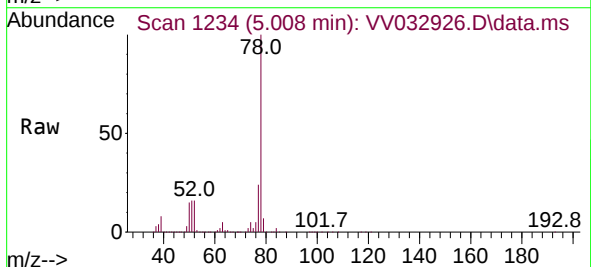
Instrument :
MSVOA_V
ClientSampleId :

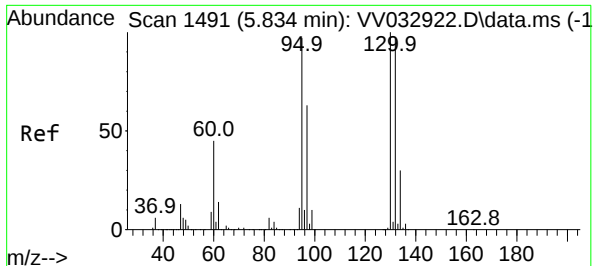
Tgt Ion:117 Resp: 233723
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.4



#33
Benzene
Concen: 51.725 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 78 Resp: 604897

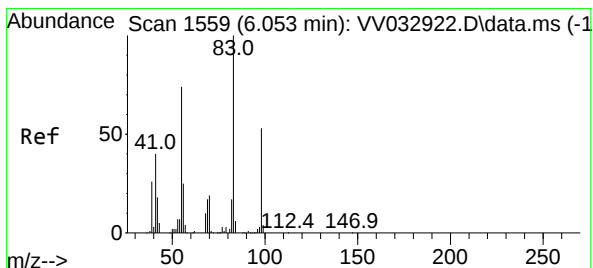
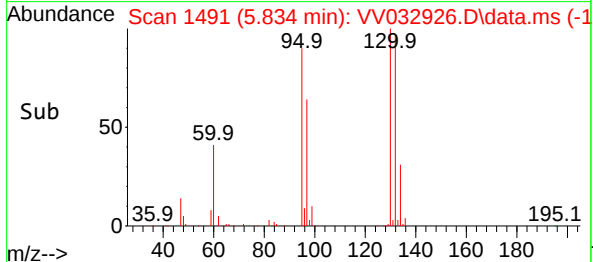
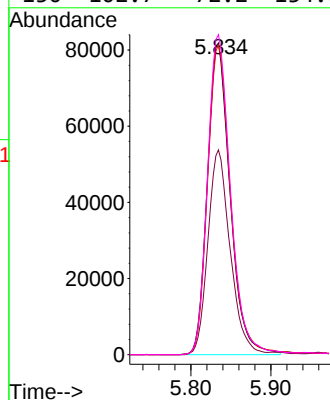
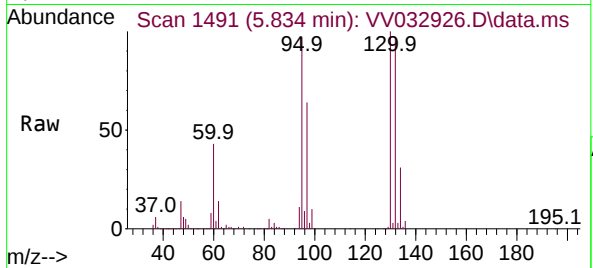




#34
Trichloroethene
Concen: 50.904 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

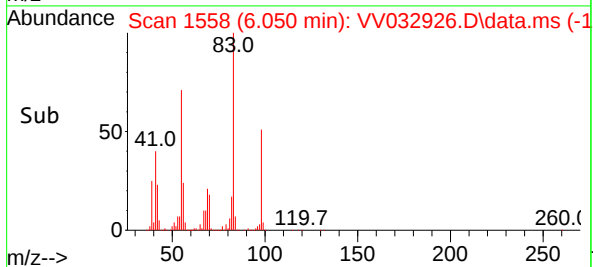
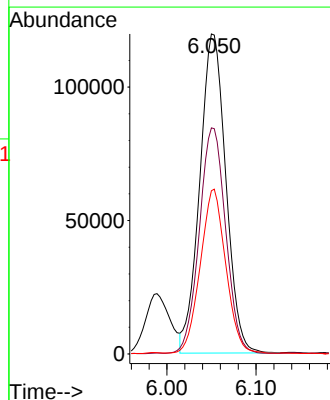
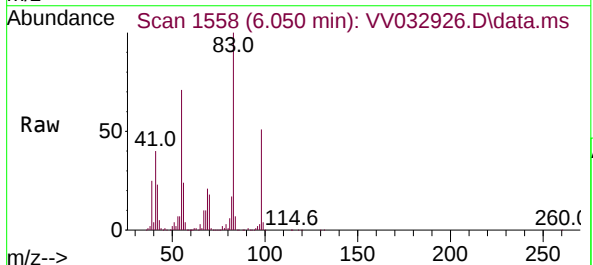
Instrument :
MSVOA_V
ClientSampleId :

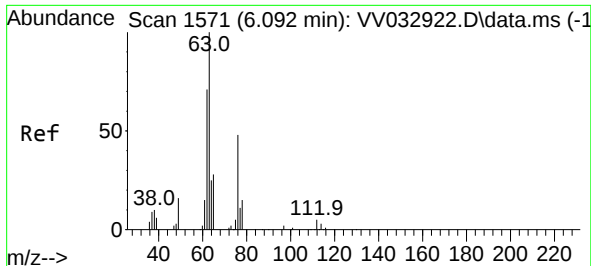
Tgt Ion: 95 Resp: 161789
Ion Ratio Lower Upper
95 100
97 65.7 45.7 84.9
132 99.4 70.0 130.0
130 102.7 72.2 134.0



#35
Methylcyclohexane
Concen: 50.826 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 83 Resp: 243449
Ion Ratio Lower Upper
83 100
55 71.3 57.5 86.3
98 50.1 41.0 61.4





#37

1,2-Dichloropropane

Concen: 52.905 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_V

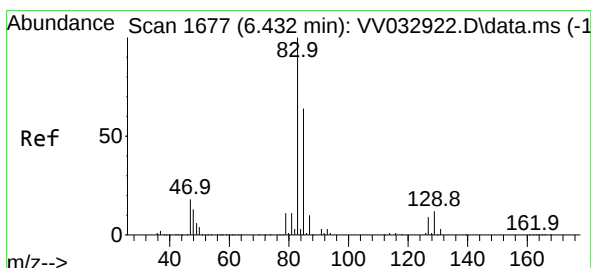
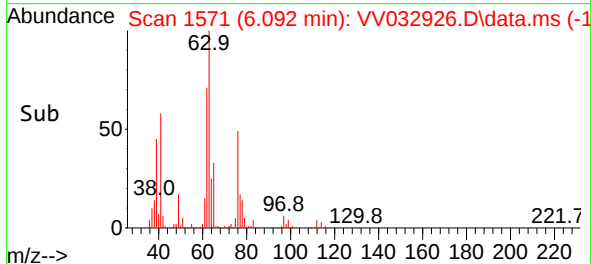
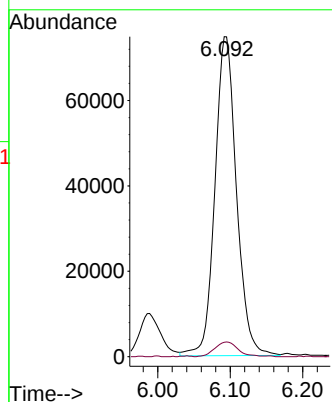
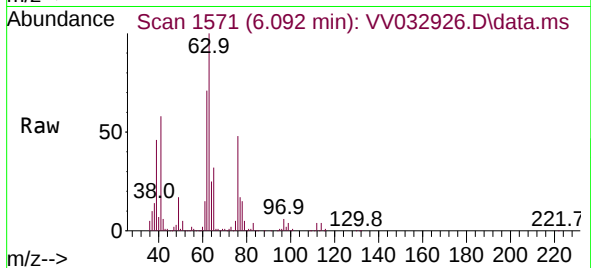
ClientSampleId :

Tgt Ion: 63 Resp: 154510

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.4



#38

Bromodichloromethane

Concen: 51.378 ug/L

RT: 6.433 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

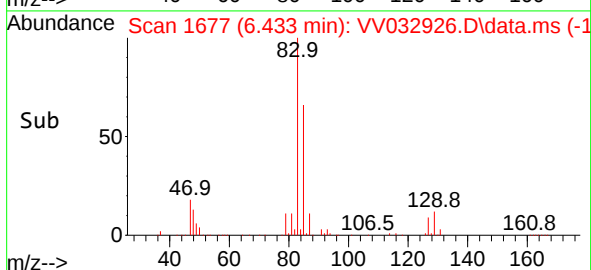
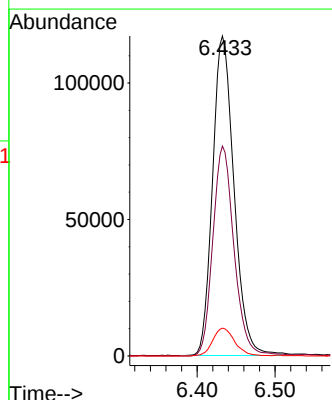
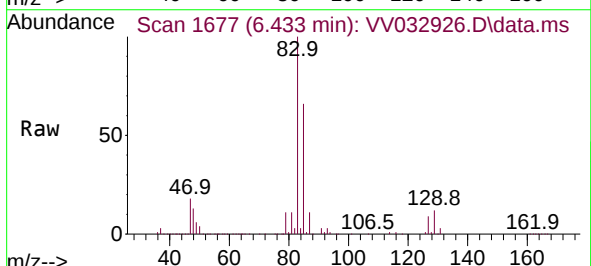
Tgt Ion: 83 Resp: 223839

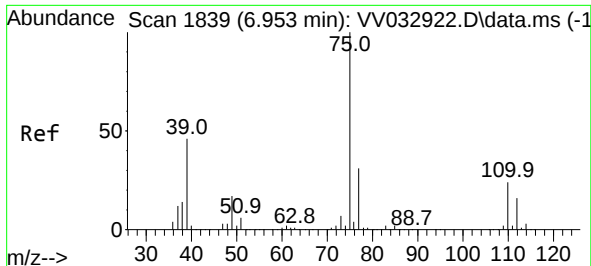
Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.7

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 52.575 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.000 min

Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_V

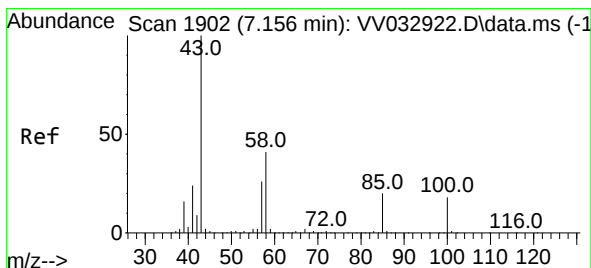
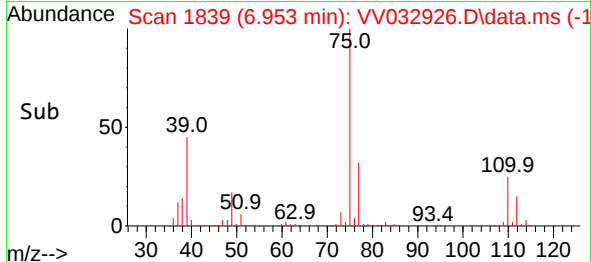
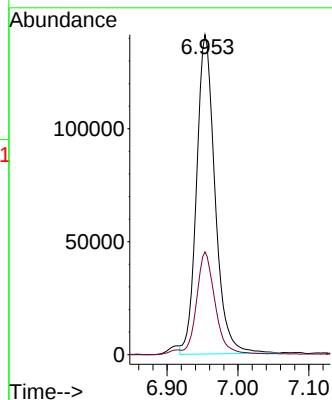
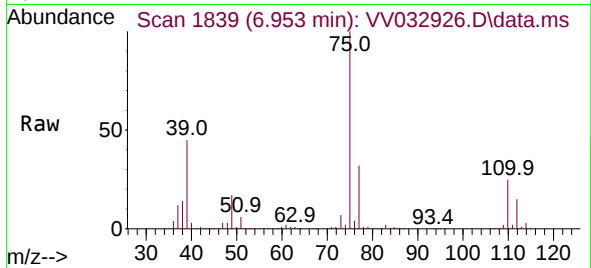
ClientSampleId :

Tgt Ion: 75 Resp: 255371

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 114.787 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

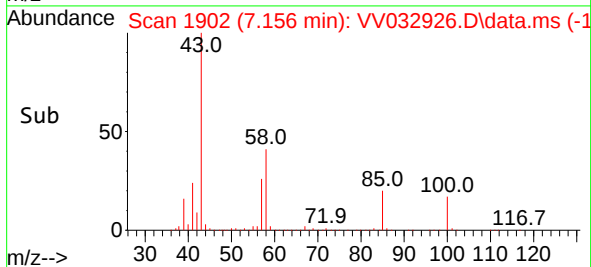
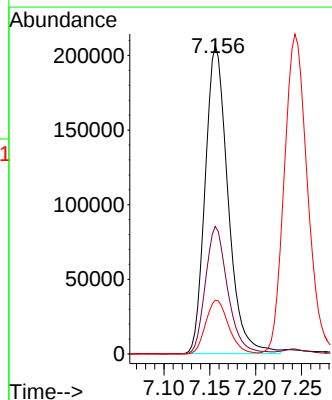
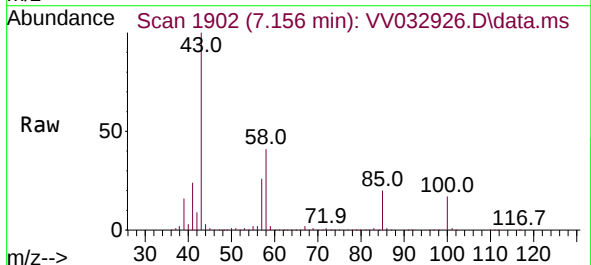
Tgt Ion: 43 Resp: 357503

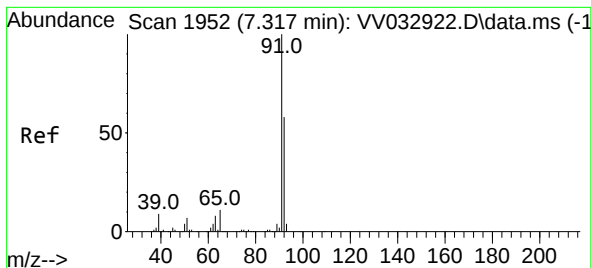
Ion Ratio Lower Upper

43 100

58 40.7 32.6 49.0

100 17.5 14.2 21.4





#42

Toluene

Concen: 51.764 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_V

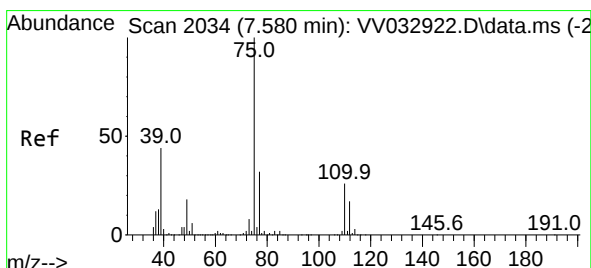
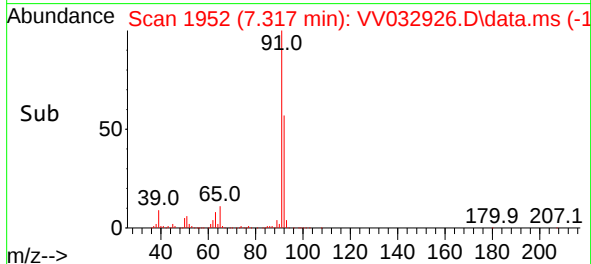
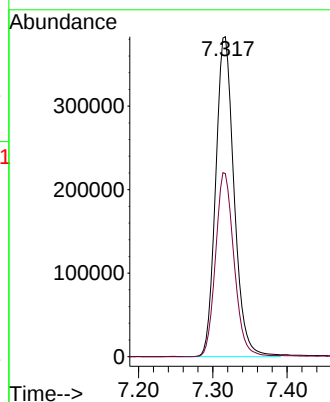
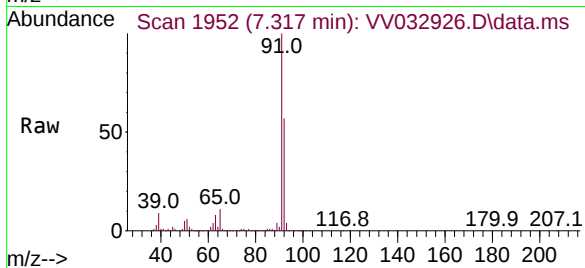
ClientSampleId :

Tgt Ion: 91 Resp: 660582

Ion Ratio Lower Upper

91 100

92 57.2 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 53.489 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV032926.D

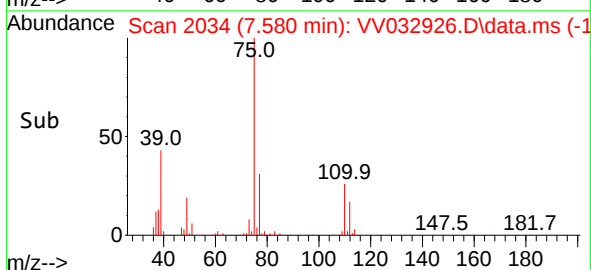
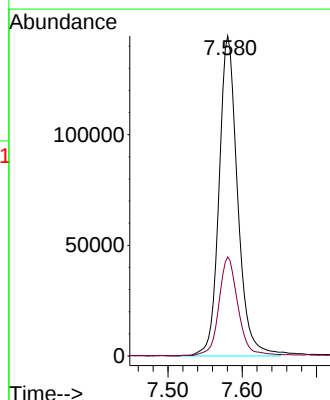
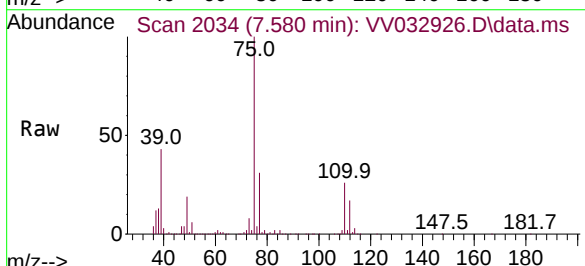
Acq: 13 Nov 2023 12:40

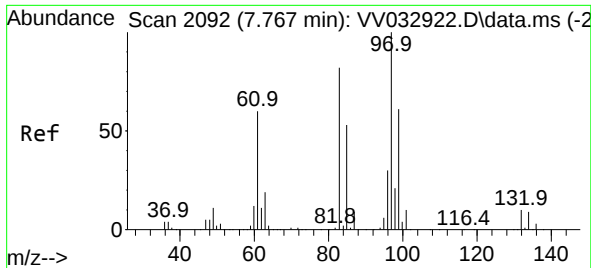
Tgt Ion: 75 Resp: 252362

Ion Ratio Lower Upper

75 100

77 31.0 22.3 41.3

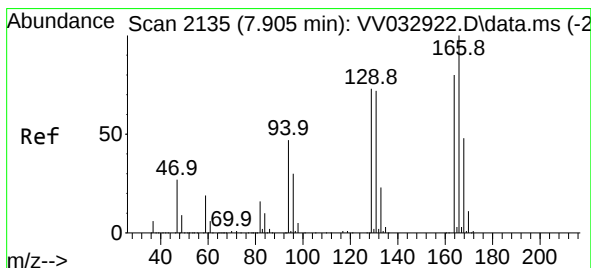
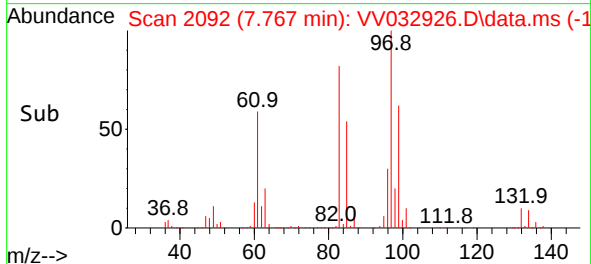
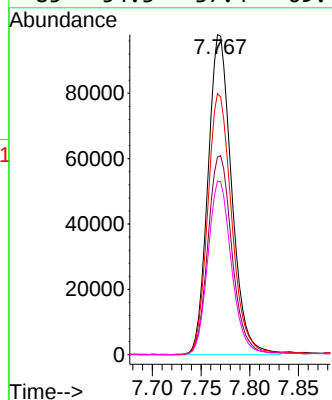
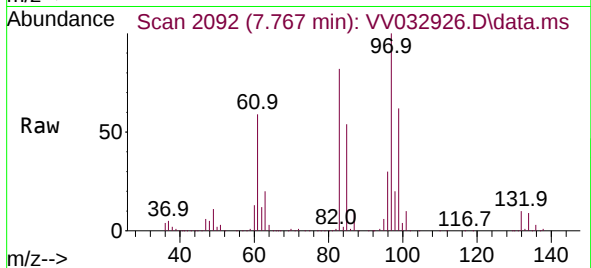




#45
1,1,2-Trichloroethane
Concen: 51.269 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

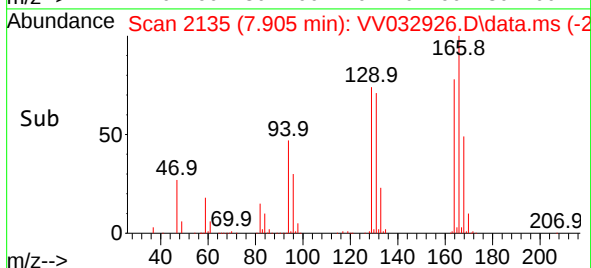
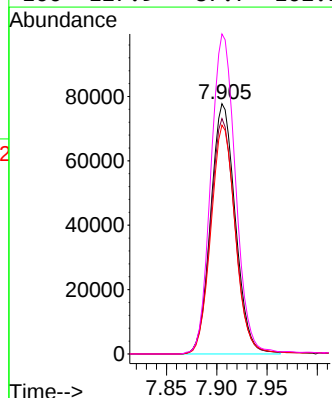
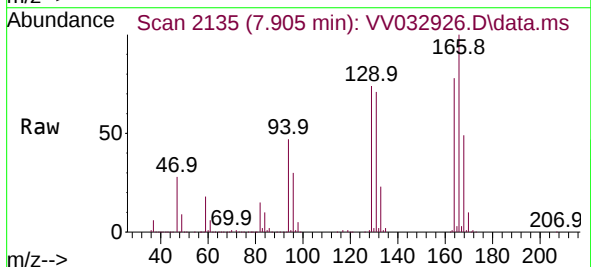
Instrument :
MSVOA_V
ClientSampleId :

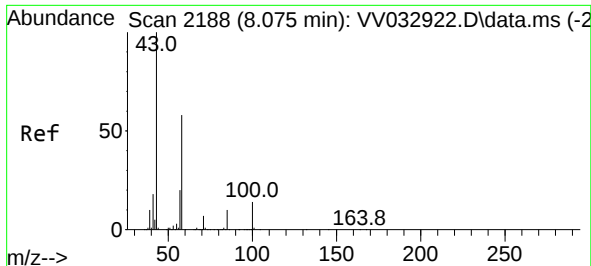
Tgt Ion: 97	Resp: 166160
Ion Ratio	Lower Upper
97 100	
99 61.8	42.8 79.4
83 81.6	57.4 106.6
85 54.3	37.4 69.4



#46
Tetrachloroethene
Concen: 48.540 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt	Ion:164	Resp:	132713
Ion	Ratio	Lower	Upper
164	100		
129	94.1	64.2	119.2
131	91.4	63.5	117.9
166	127.9	87.7	162.9

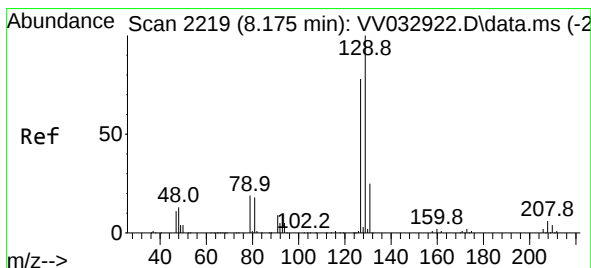
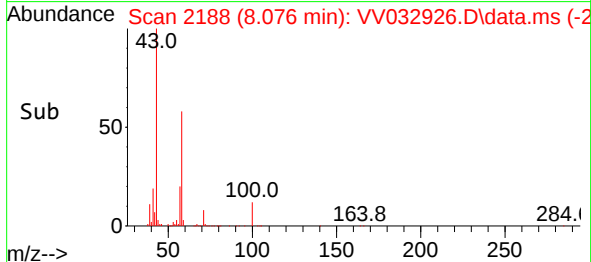
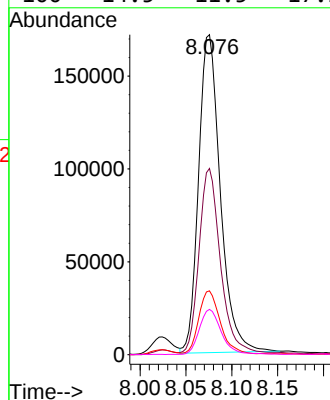
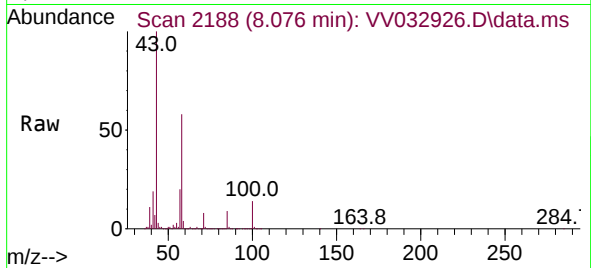




#48
2-Hexanone
Concen: 104.243 ug/L
RT: 8.076 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

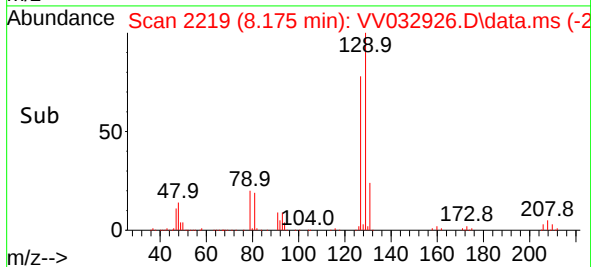
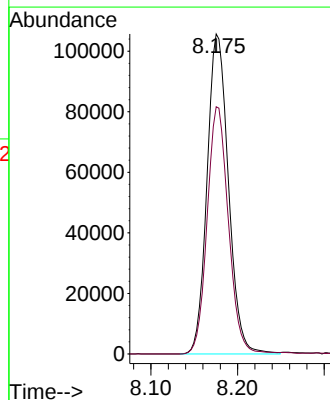
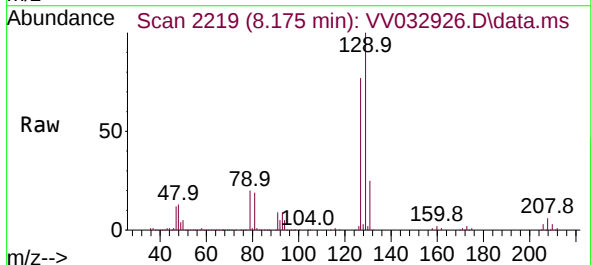
Instrument :
MSVOA_V
ClientSampleId :

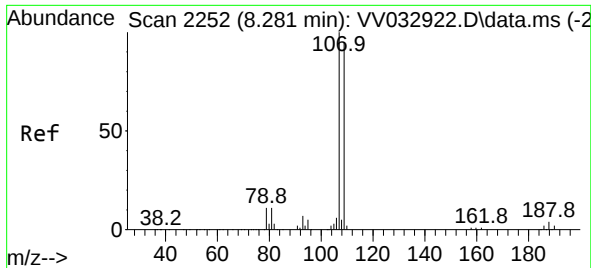
Tgt Ion:	43	Resp:	282859
Ion	Ratio	Lower	Upper
43	100		
58	56.9	44.8	67.2
57	19.4	15.2	22.8
100	14.5	11.5	17.3



#49
Dibromochloromethane
Concen: 51.978 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt Ion:	129	Resp:	181475
Ion	Ratio	Lower	Upper
129	100		
127	77.2	55.1	102.3

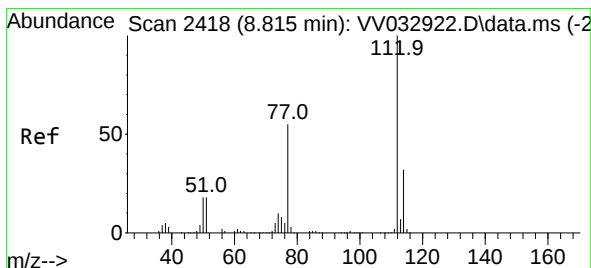
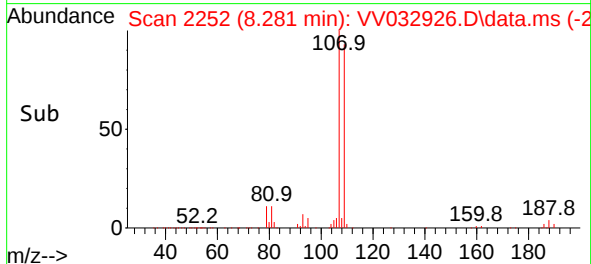
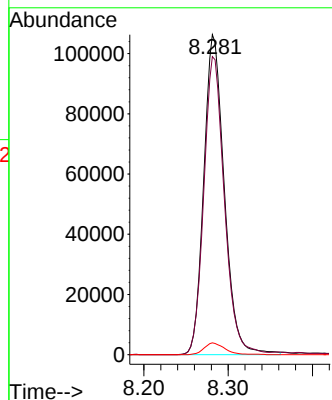
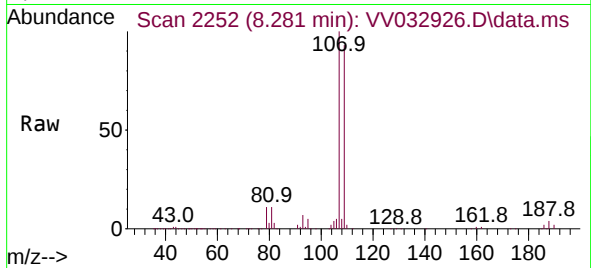




#50
 1,2-Dibromoethane
 Concen: 52.345 ug/L
 RT: 8.281 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV032926.D
 Acq: 13 Nov 2023 12:40

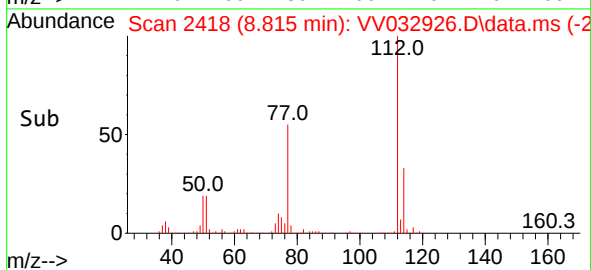
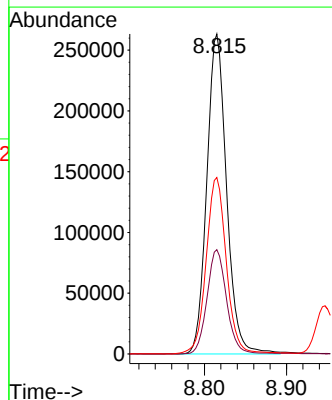
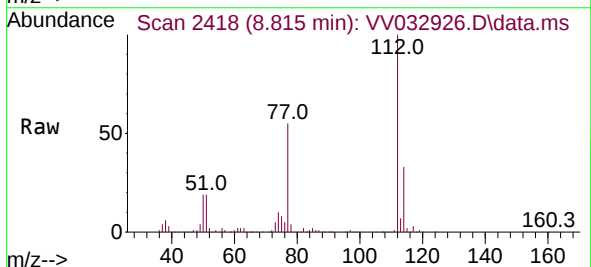
Instrument :
 MSVOA_V
 ClientSampleId :

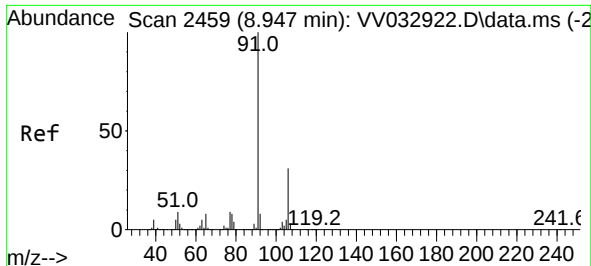
Tgt Ion:107 Resp: 180571
 Ion Ratio Lower Upper
 107 100
 109 93.2 66.3 123.1
 188 3.7 3.1 4.7



#51
 Chlorobenzene
 Concen: 49.892 ug/L
 RT: 8.815 min Scan# 2418
 Delta R.T. 0.000 min
 Lab File: VV032926.D
 Acq: 13 Nov 2023 12:40

Tgt Ion:112 Resp: 441060
 Ion Ratio Lower Upper
 112 100
 114 32.6 22.1 41.1
 77 55.2 44.2 66.2





#52

Ethylbenzene

Concen: 51.717 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. 0.000 min

Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_V

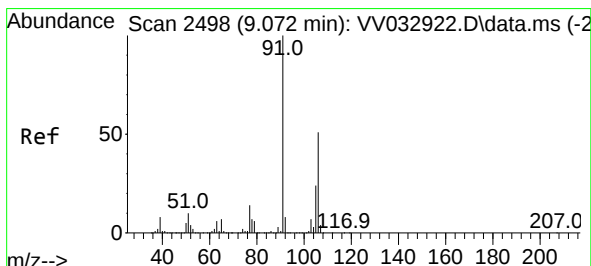
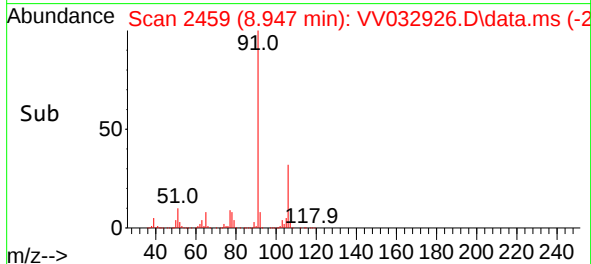
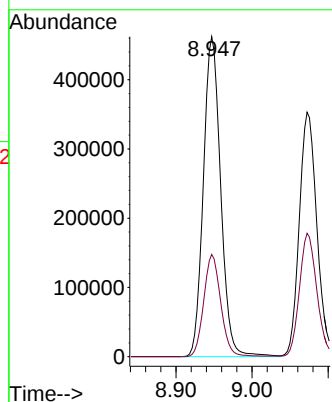
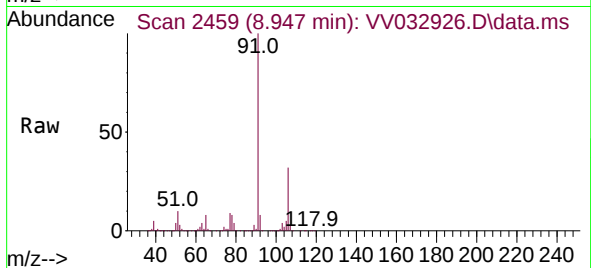
ClientSampleId :

Tgt Ion: 91 Resp: 730903

Ion Ratio Lower Upper

91 100

106 31.9 21.6 40.0



#53

m,p-Xylene

Concen: 51.806 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV032926.D

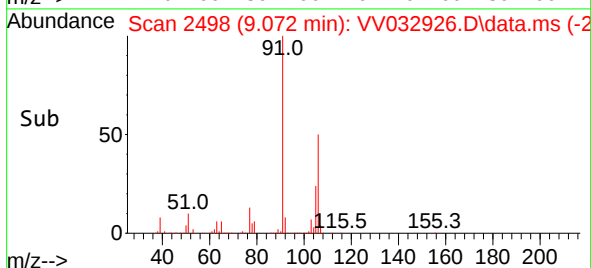
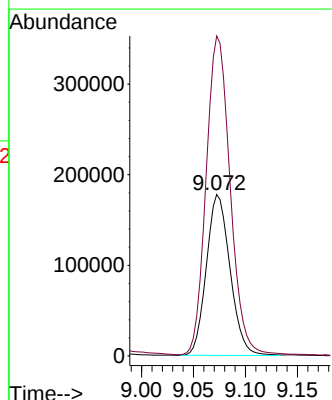
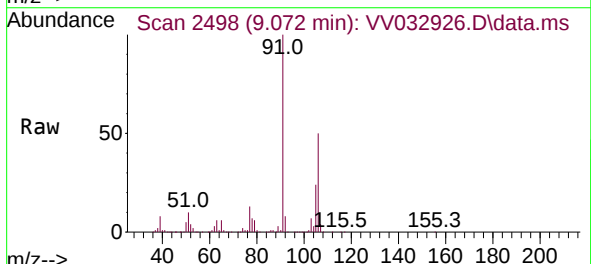
Acq: 13 Nov 2023 12:40

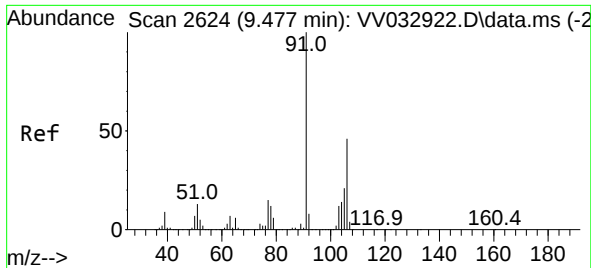
Tgt Ion: 106 Resp: 281518

Ion Ratio Lower Upper

106 100

91 198.2 137.5 255.4

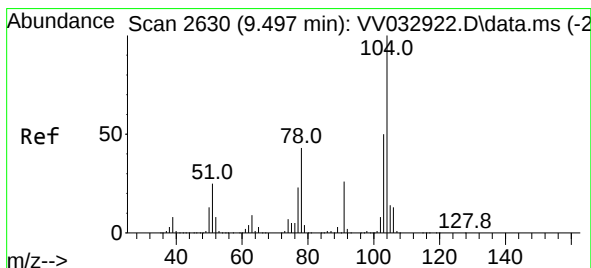
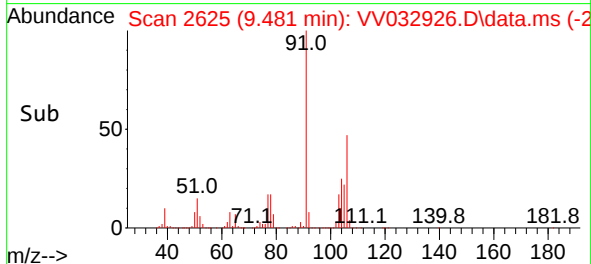
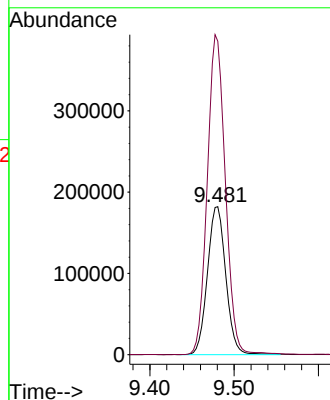
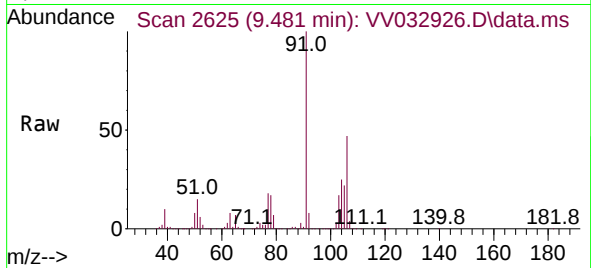




#54
o-Xylene
Concen: 52.822 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

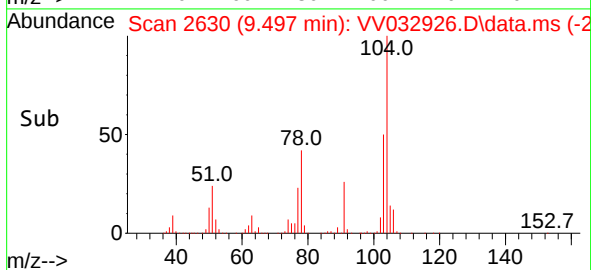
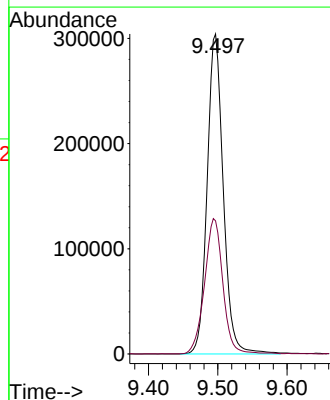
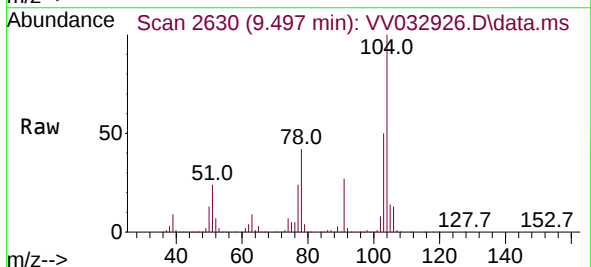
Instrument :
MSVOA_V
ClientSampleId :

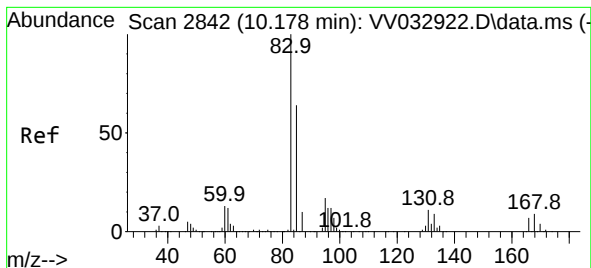
Tgt Ion:106 Resp: 276772
Ion Ratio Lower Upper
106 100
91 211.8 151.6 281.6



#55
Styrene
Concen: 53.097 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt Ion:104 Resp: 490731
Ion Ratio Lower Upper
104 100
78 41.6 29.8 55.4

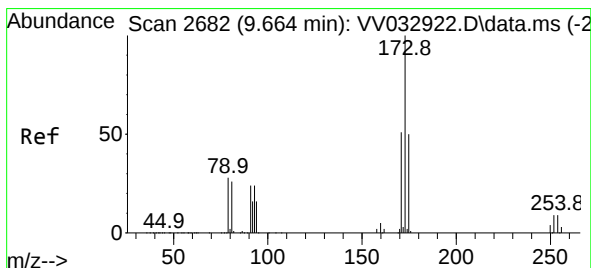
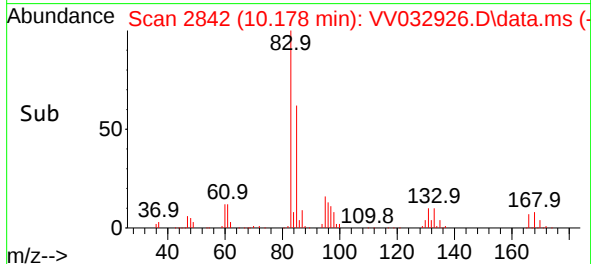
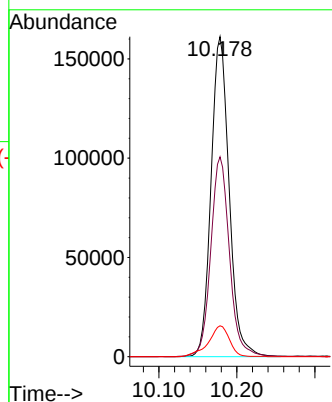
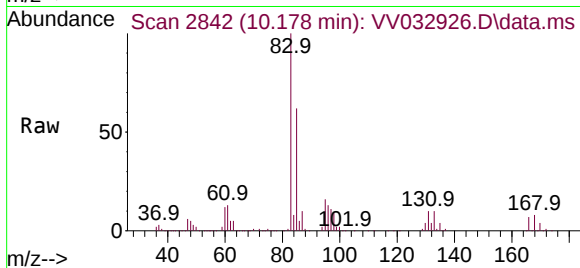




#57
1,1,2,2-Tetrachloroethane
Concen: 52.112 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

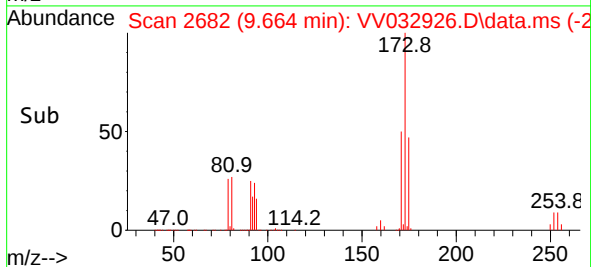
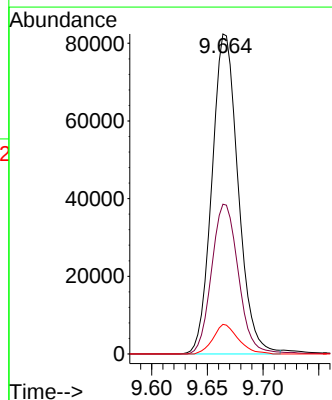
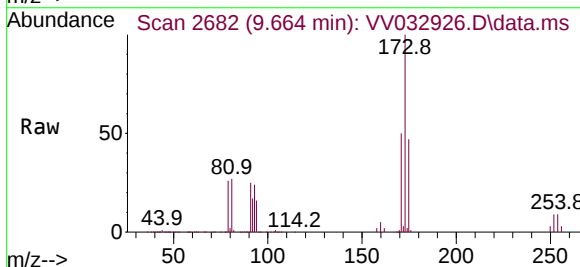
Instrument :
MSVOA_V
ClientSampleId :

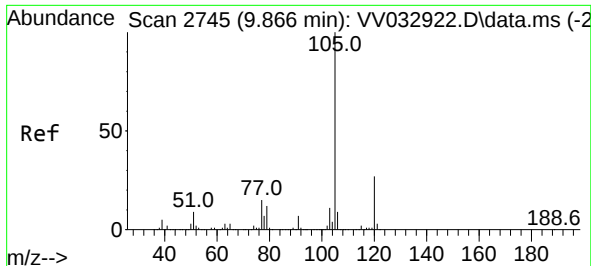
Tgt Ion: 83 Resp: 259829
Ion Ratio Lower Upper
83 100
85 62.4 44.7 83.1
131 9.7 8.7 13.1



#59
Bromoform
Concen: 53.181 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 173 Resp: 135053
Ion Ratio Lower Upper
173 100
175 47.7 39.0 58.4
254 8.8 7.0 10.6

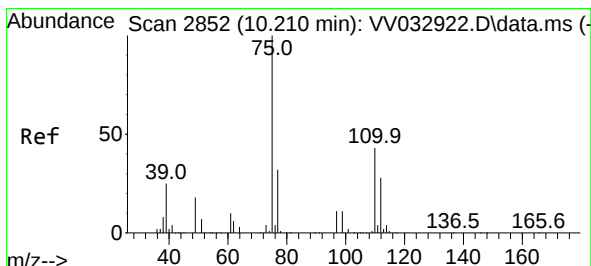
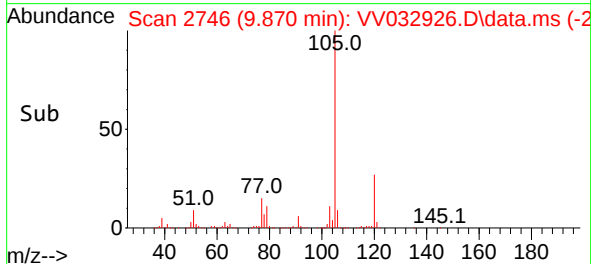
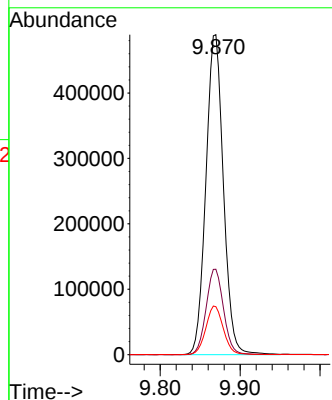
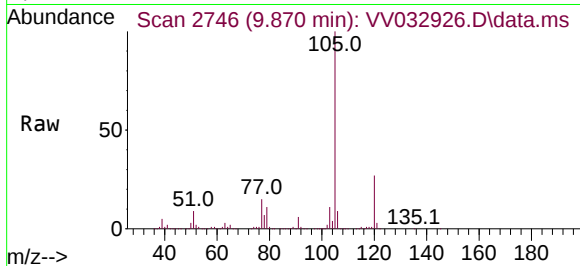




#60
Isopropylbenzene
Concen: 52.682 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

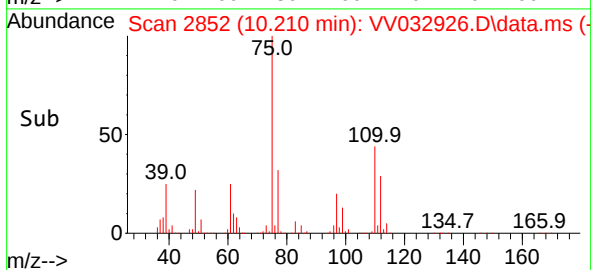
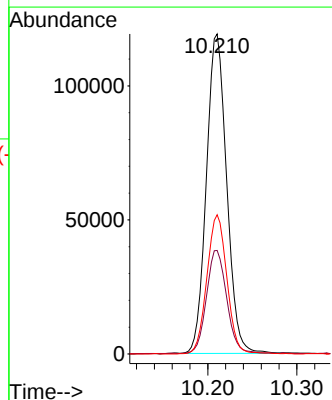
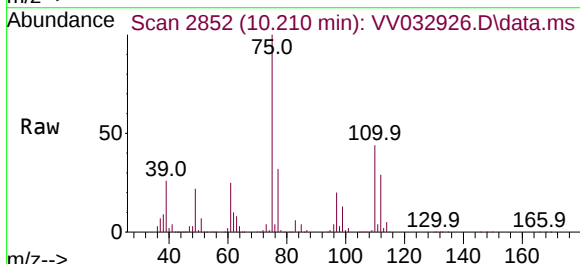
Instrument :
MSVOA_V
ClientSampleId :

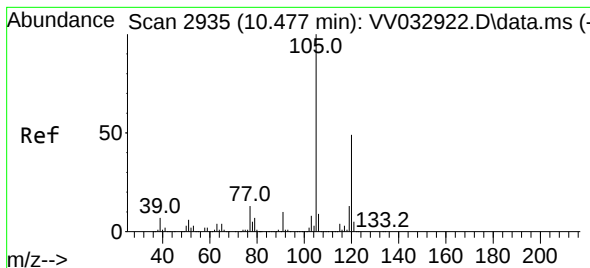
Tgt Ion:105 Resp: 744445
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 15.1 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 53.987 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt Ion: 75 Resp: 188643
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6
110 42.9 34.6 52.0





#62

1,3,5-Trimethylbenzene

Concen: 54.074 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_V

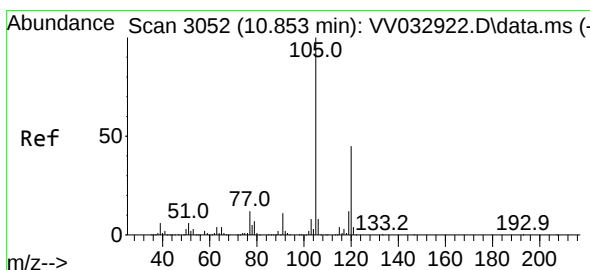
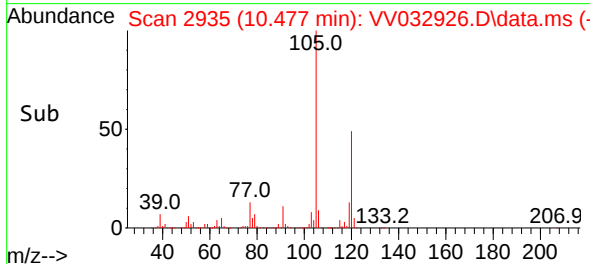
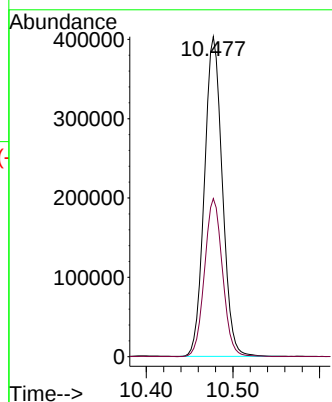
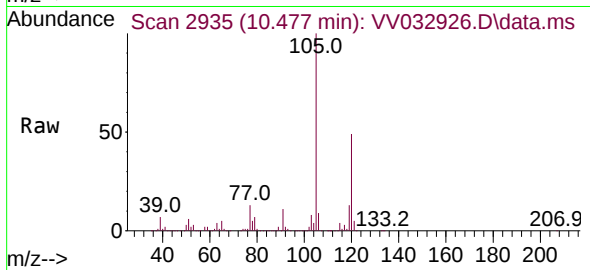
ClientSampleId :

Tgt Ion:105 Resp: 579655

Ion Ratio Lower Upper

105 100

120 49.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 54.786 ug/L

RT: 10.854 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VV032926.D

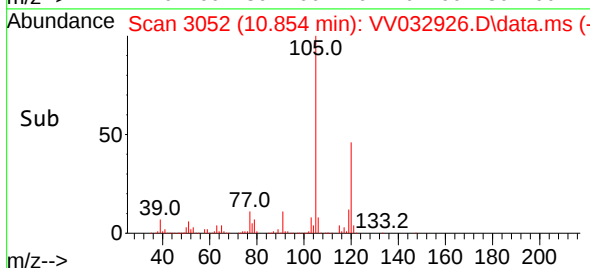
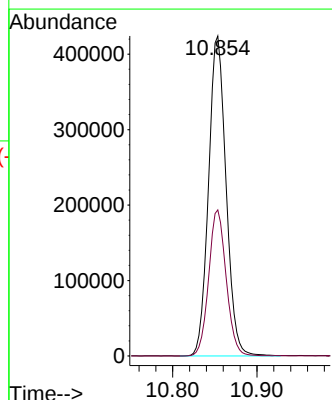
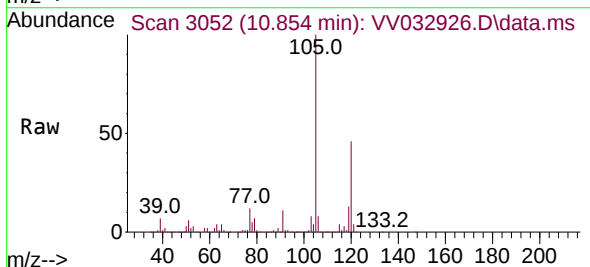
Acq: 13 Nov 2023 12:40

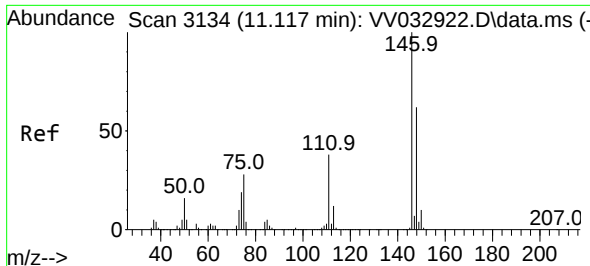
Tgt Ion:105 Resp: 614067

Ion Ratio Lower Upper

105 100

120 45.5 36.3 54.5

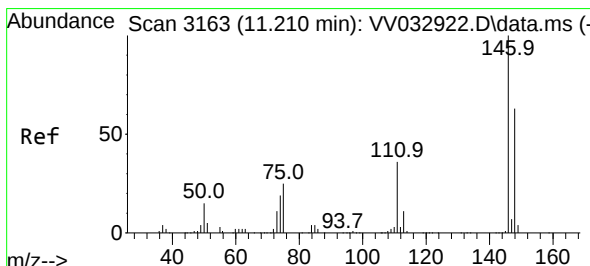
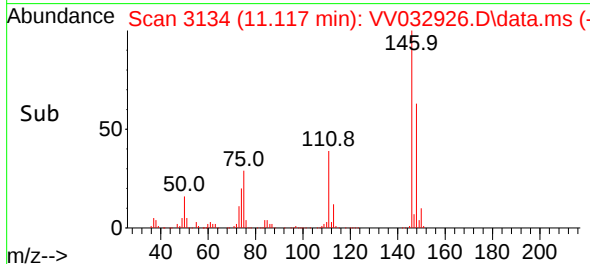
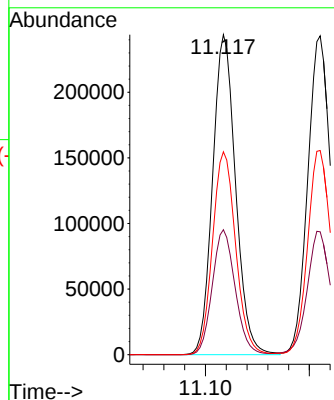
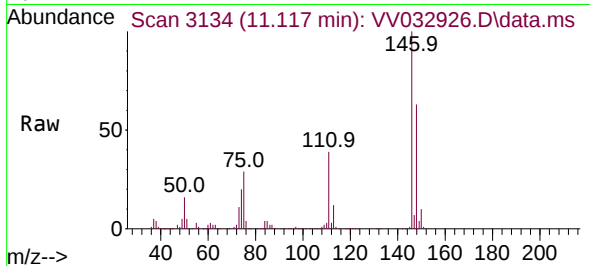




#64
1,3-Dichlorobenzene
Concen: 50.852 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

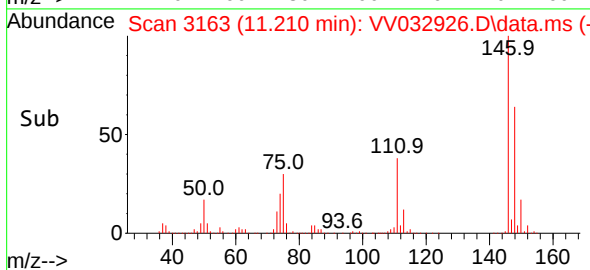
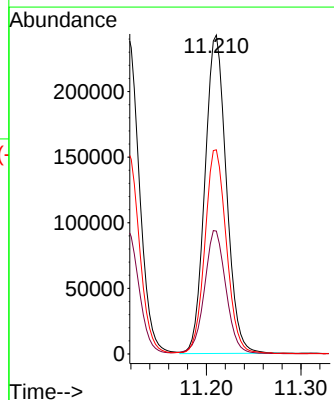
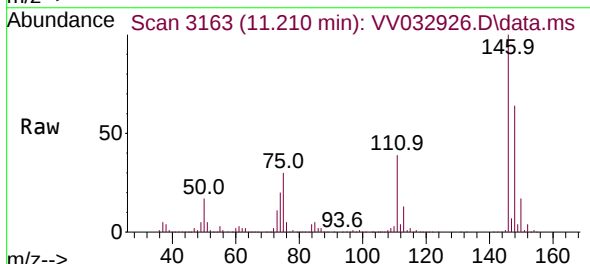
Instrument :
MSVOA_V
ClientSampleId :

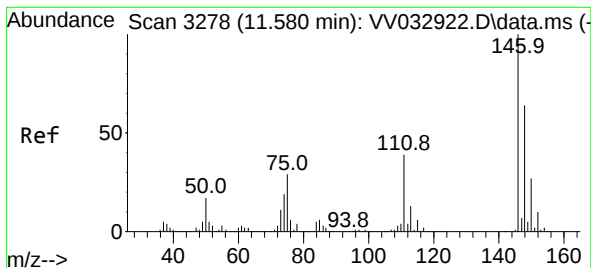
Tgt Ion:146 Resp: 374788
Ion Ratio Lower Upper
146 100
111 39.0 26.9 49.9
148 63.4 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 48.382 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt Ion:146 Resp: 382429
Ion Ratio Lower Upper
146 100
111 38.5 25.5 47.3
148 64.0 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 50.195 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_V

ClientSampleId :

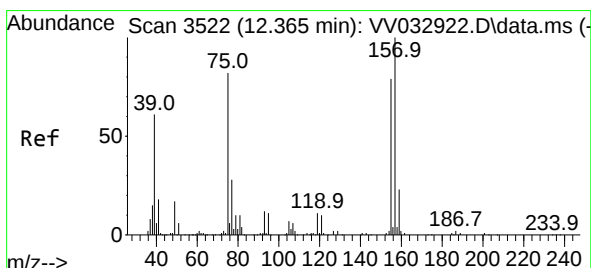
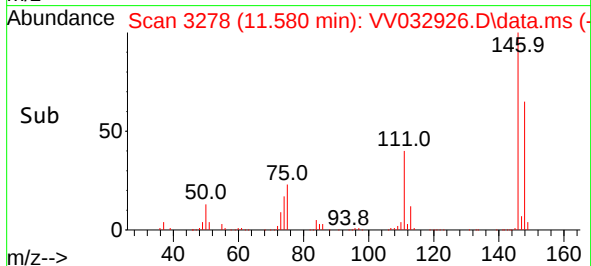
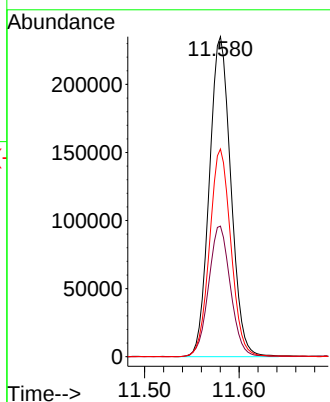
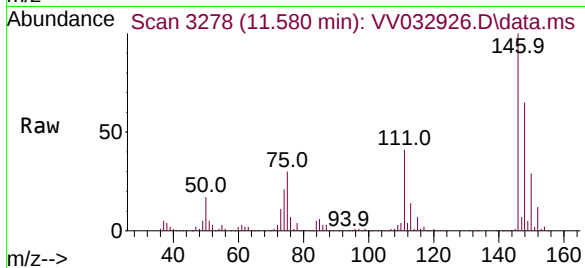
Tgt Ion:146 Resp: 372017

Ion Ratio Lower Upper

146 100

111 40.8 31.1 46.7

148 64.9 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 54.432 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

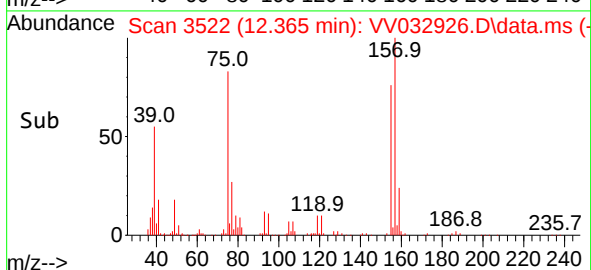
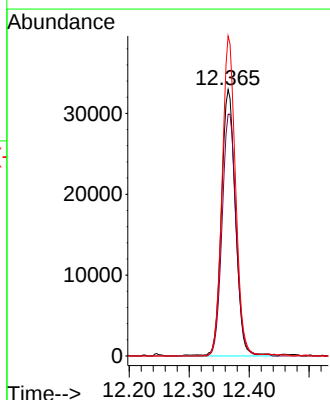
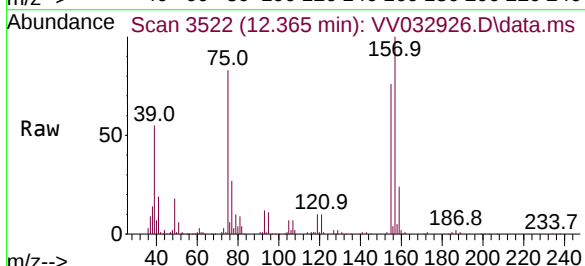
Tgt Ion: 75 Resp: 53154

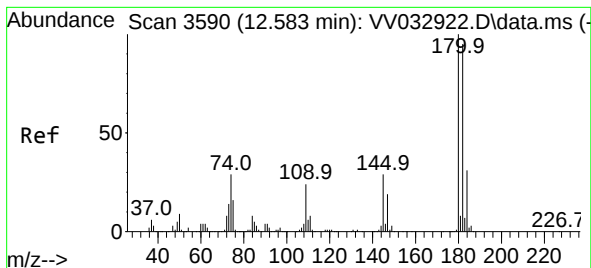
Ion Ratio Lower Upper

75 100

155 90.7 76.8 115.2

157 120.1 97.6 146.4





#69

1,3,5-Trichlorobenzene

Concen: 49.981 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

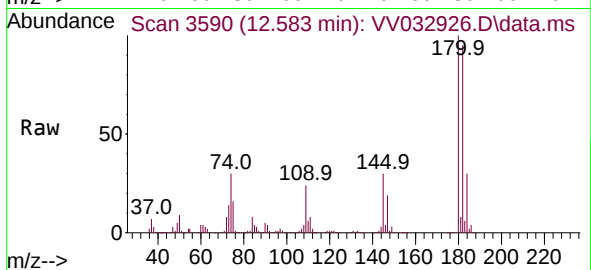
Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 276372

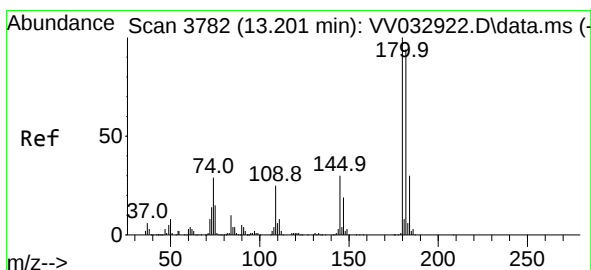
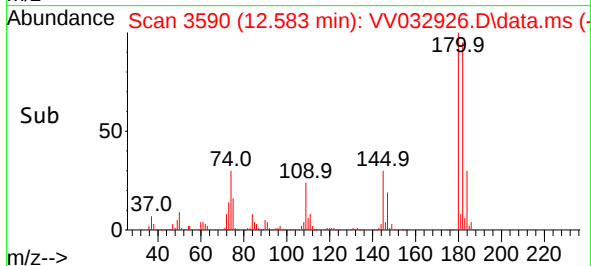
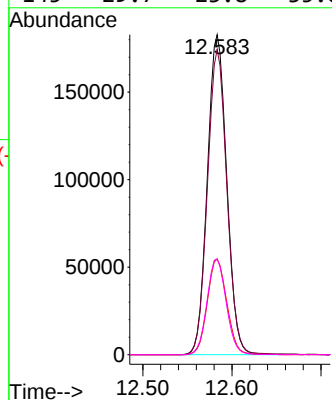
Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

184 29.9 24.6 36.8

145 29.7 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 52.550 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. -0.003 min

Lab File: VV032926.D

Acq: 13 Nov 2023 12:40

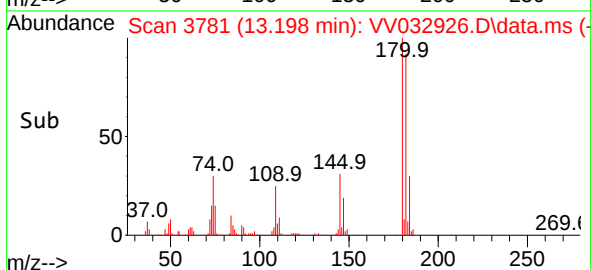
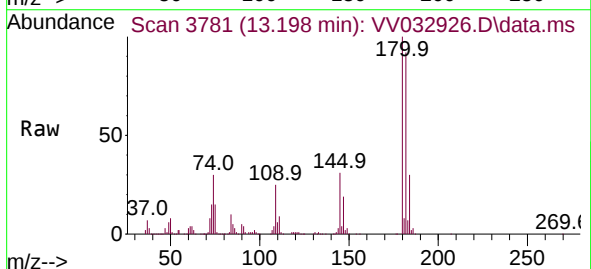
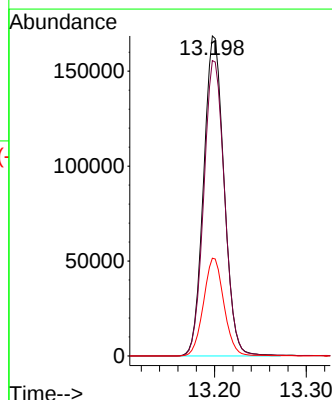
Tgt Ion:180 Resp: 261021

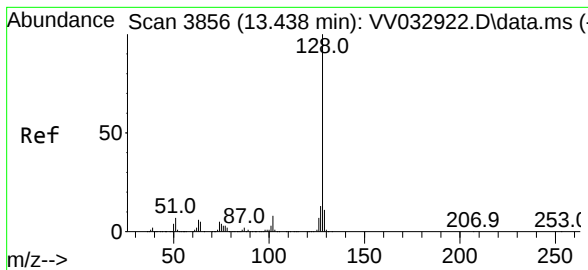
Ion Ratio Lower Upper

180 100

182 93.7 77.0 115.4

145 30.4 24.3 36.5

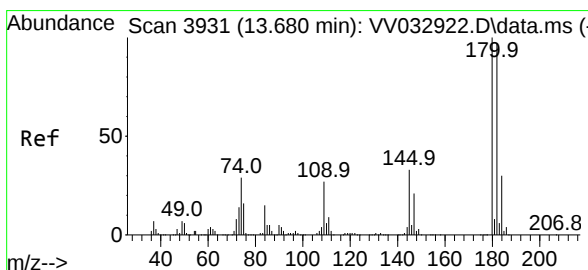
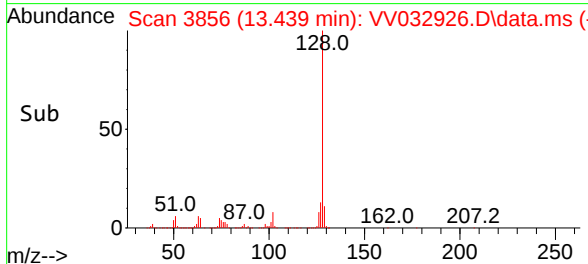
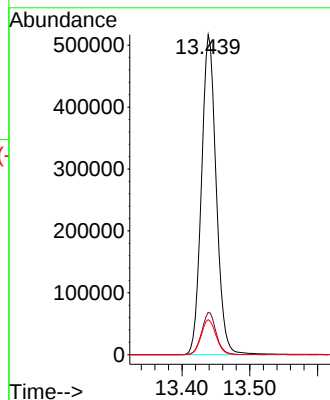
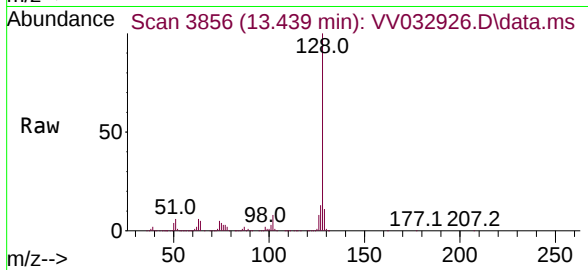




#71
Naphthalene
Concen: 59.935 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	782331
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.1	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.658 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV032926.D
Acq: 13 Nov 2023 12:40

Tgt Ion:	180	Resp:	268235
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.9	115.3
145	32.4	26.1	39.1

