

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122823\
 Data File : VW033542.D
 Acq On : 28 Dec 2023 11:03
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 29 02:40:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 02:38:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	130508	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	120138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	61092	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41557	5.080	ug/L	0.00
7) Chloroethane-d5	1.532	69	35049	5.057	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	17356	4.793	ug/L	0.00
20) 2-Butanone-d5	3.818	46	91081	44.935	ug/L	0.00
24) Chloroform-d	4.249	84	81126	4.890	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	37255	4.932	ug/L	0.00
32) Benzene-d6	4.960	84	159147	5.177	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	49529	5.128	ug/L	0.00
41) Toluene-d8	7.243	98	140923	5.180	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.554	79	18357	4.730	ug/L	0.00
46) 2-Hexanone-d5	8.030	63	75885	49.090	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30113	4.672	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	48428	4.946	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	59017	5.105	ug/L	100
3) Chloromethane	1.214	50	62037	4.993	ug/L	100
5) Vinyl chloride	1.281	62	60438	5.027	ug/L	100
6) Bromomethane	1.487	94	33374	4.935	ug/L	100
8) Chloroethane	1.551	64	37274	5.026	ug/L	100
9) Trichlorofluoromethane	1.715	101	74853	5.074	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	45362	5.089	ug/L	100
12) 1,1-Dichloroethene	2.069	96	41082	5.059	ug/L	100
13) Acetone	2.150	43	70181	38.273	ug/L	94
14) Carbon disulfide	2.240	76	125760	5.097	ug/L	100
15) Methyl Acetate	2.394	43	16946	3.712	ug/L	# 88
16) Methylene chloride	2.449	84	47735	4.732	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	108317	4.837	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	46538	5.152	ug/L	100
19) 1,1-Dichloroethane	3.111	63	98896	5.029	ug/L	100
21) 2-Butanone	3.902	43	102600	43.202	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	51909	5.064	ug/L	100
23) Bromochloromethane	4.149	128	19778	5.002	ug/L	100
25) Chloroform	4.275	83	94522	5.131	ug/L	100
27) 1,2-Dichloroethane	5.043	62	53505	5.000	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	81477	5.055	ug/L	100
30) Cyclohexane	4.580	56	89025	5.150	ug/L	100
31) Carbon tetrachloride	4.735	117	67704	5.137	ug/L	100
33) Benzene	5.011	78	200479	5.134	ug/L	100
34) Trichloroethene	5.834	95	54215	5.142	ug/L	100
35) Methylcyclohexane	6.050	83	86100	5.143	ug/L	100
37) 1,2-Dichloropropane	6.095	63	53039	5.116	ug/L	100
38) Bromodichloromethane	6.432	83	64359	5.045	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	79411	5.094	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	276168	49.449	ug/L	100
42) Toluene	7.313	91	214560	5.135	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	61900	5.103	ug/L	100

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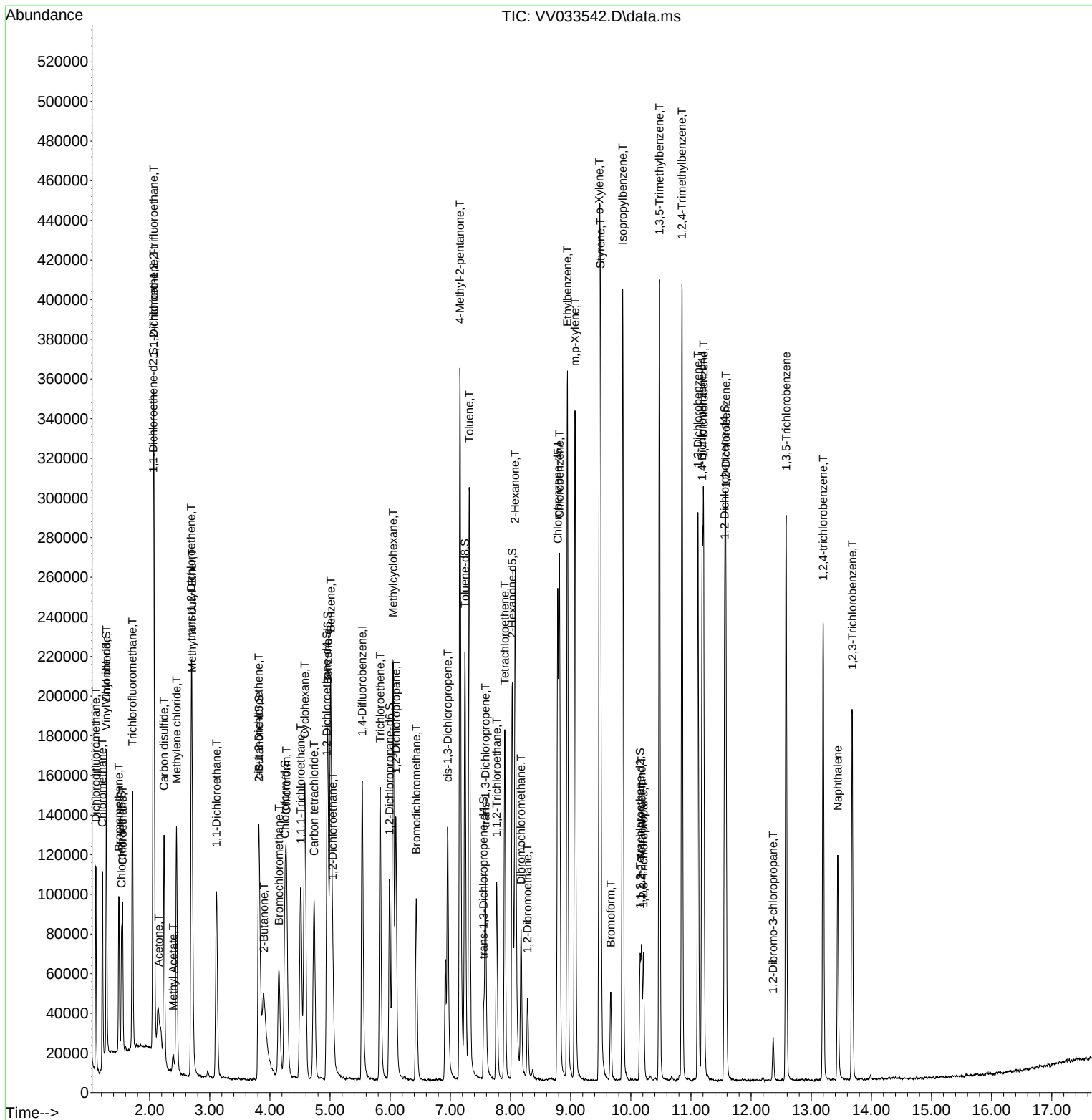
Instrument :
 MSVOA_V
 ClientSampleId :

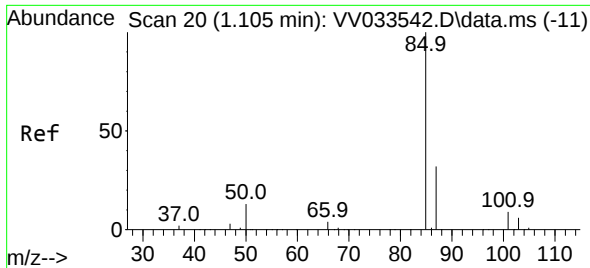
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	30625	4.905	ug/L	100
47) Tetrachloroethene	7.905	164	38786	5.224	ug/L	100
48) 2-Hexanone	8.079	43	194894	48.037	ug/L	100
49) Dibromochloromethane	8.175	129	36732	5.025	ug/L	100
50) 1,2-Dibromoethane	8.284	107	28986	4.977	ug/L	100
51) Chlorobenzene	8.815	112	133807	5.112	ug/L	100
52) Ethylbenzene	8.947	91	252072	5.133	ug/L	100
53) m,p-Xylene	9.072	106	93782	5.162	ug/L	100
54) o-Xylene	9.477	106	89015	5.048	ug/L	100
55) Styrene	9.496	104	152717	5.165	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	33937	4.912	ug/L	100
59) Bromoform	9.667	173	19784	5.134	ug/L	100
60) Isopropylbenzene	9.866	105	251804	5.160	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	24501	4.856	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	210326	5.141	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	210150	5.190	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	106247	5.125	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	105320	4.980	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	92267	5.056	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	5785	4.896	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	81663	5.108	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	66212	4.941	ug/L	100
71) Naphthalene	13.442	128	86973	4.650	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	52863	5.002	ug/L	100

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

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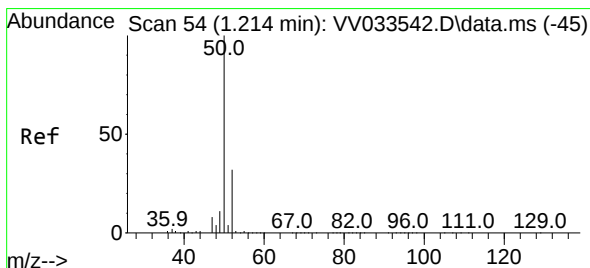
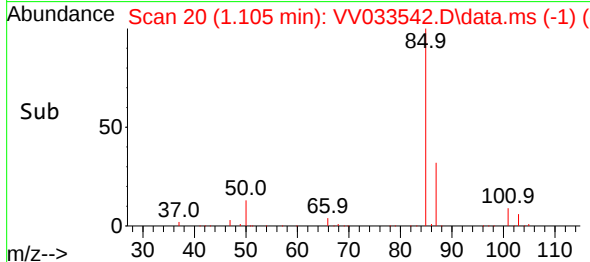
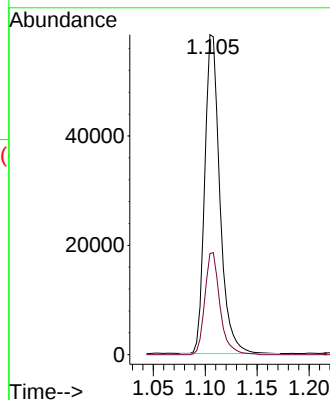
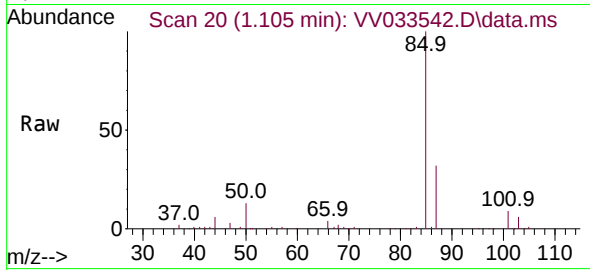




#2
 Dichlorodifluoromethane
 Concen: 5.105 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV033542.D
 Acq: 28 Dec 2023 11:03

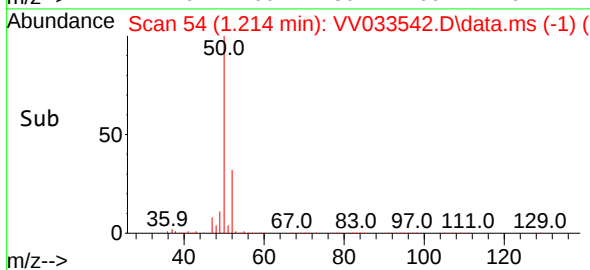
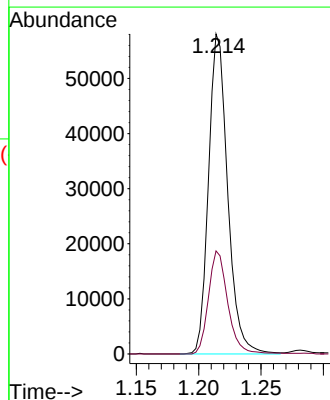
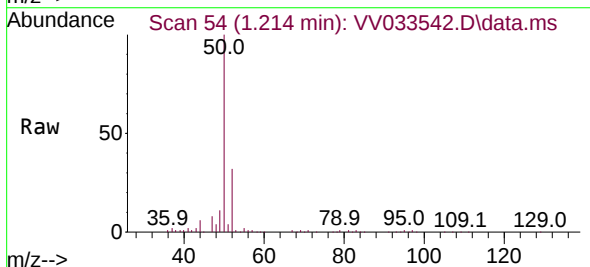
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 ClientSampleId :

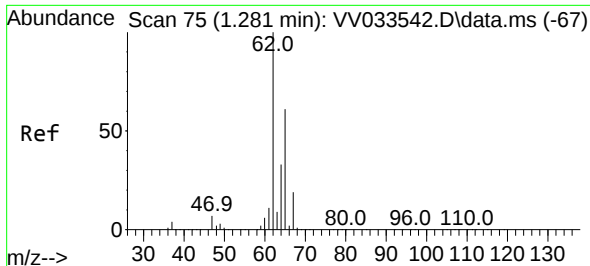
Tgt Ion: 85 Resp: 59017
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.6 38.4



#3
 Chloromethane
 Concen: 4.993 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV033542.D
 Acq: 28 Dec 2023 11:03

Tgt Ion: 50 Resp: 62037
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.5 41.9

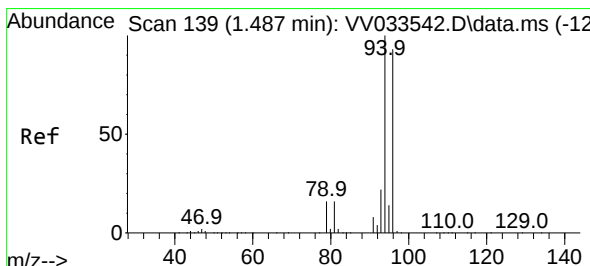
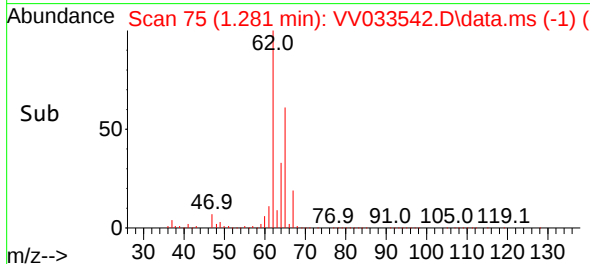
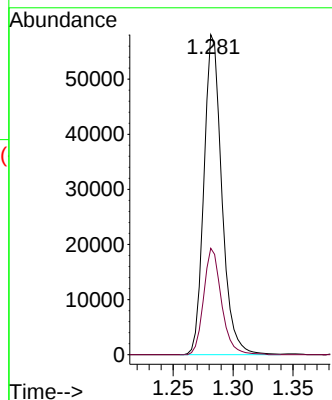
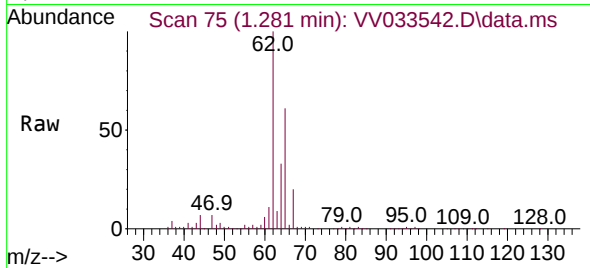




#5
 Vinyl chloride
 Concen: 5.027 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV033542.D
 Acq: 28 Dec 2023 11:03

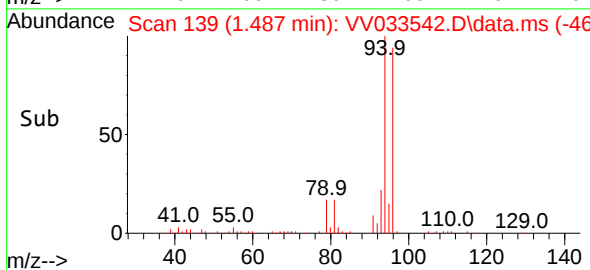
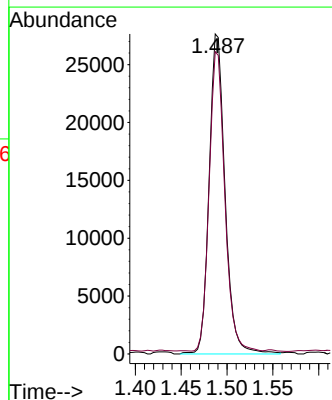
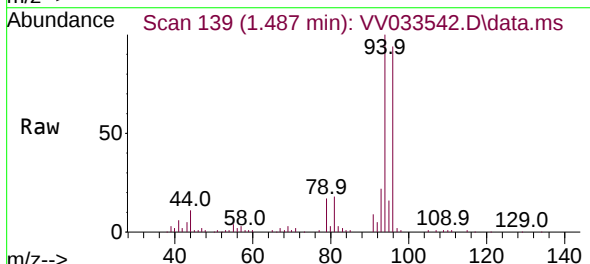
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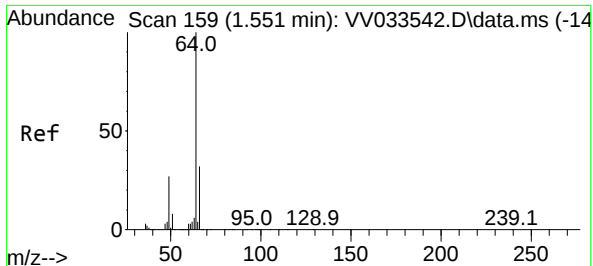
Tgt Ion: 62 Resp: 60438
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.3 43.3



#6
 Bromomethane
 Concen: 4.935 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV033542.D
 Acq: 28 Dec 2023 11:03

Tgt Ion: 94 Resp: 33374
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.1 122.7

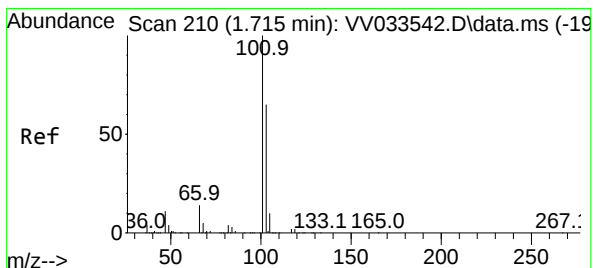
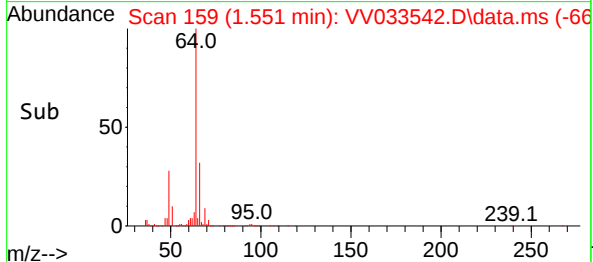
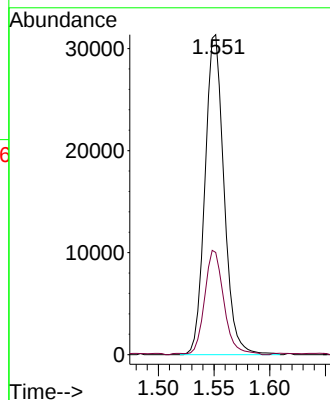
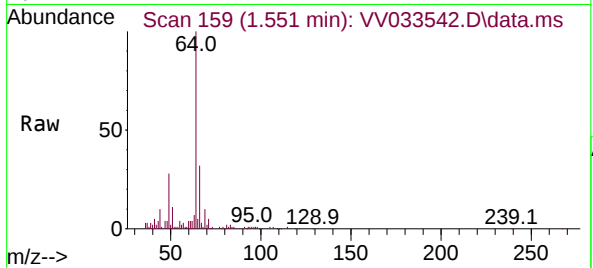




#8
Chloroethane
Concen: 5.026 ug/L
RT: 1.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

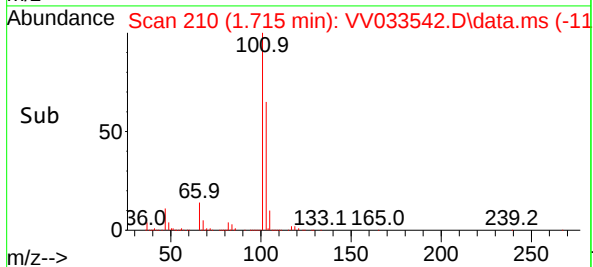
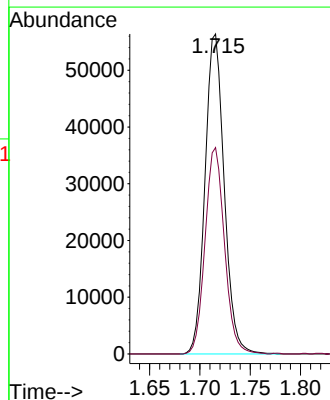
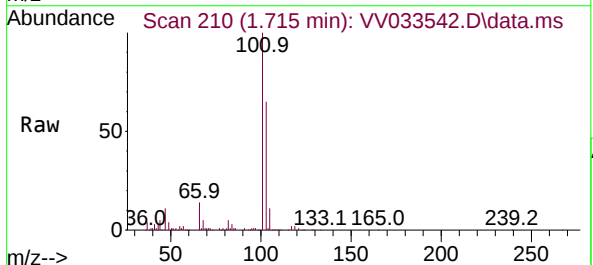
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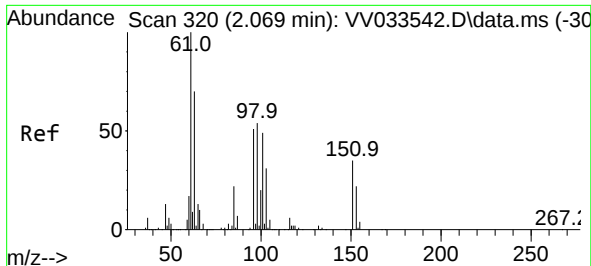
Tgt Ion: 64 Resp: 37274
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.074 ug/L
RT: 1.715 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

Tgt Ion: 101 Resp: 74853
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2

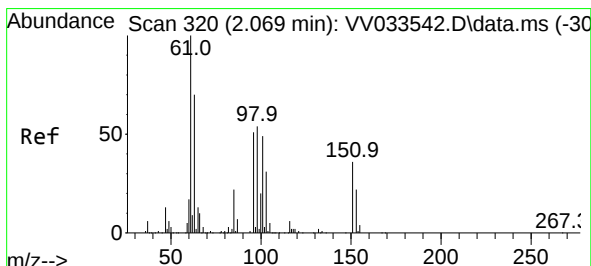
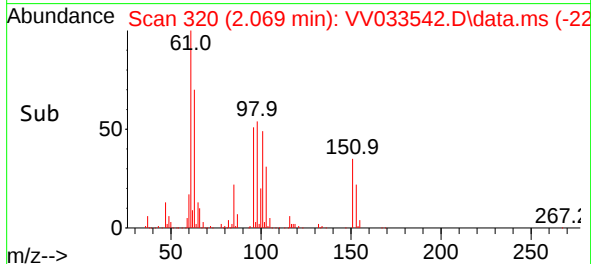
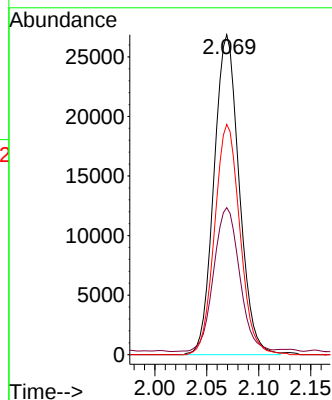
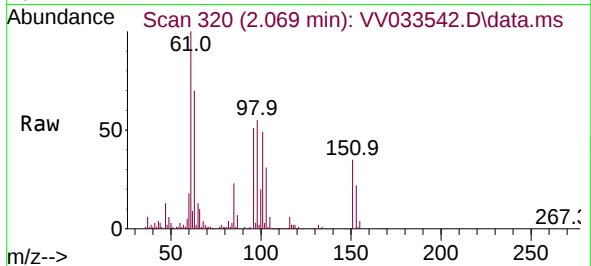




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.089 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV033542.D
 Acq: 28 Dec 2023 11:03

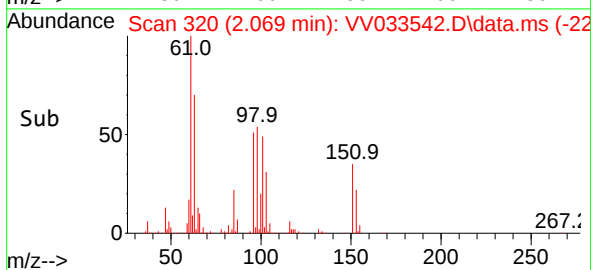
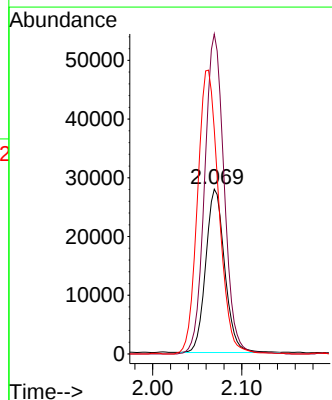
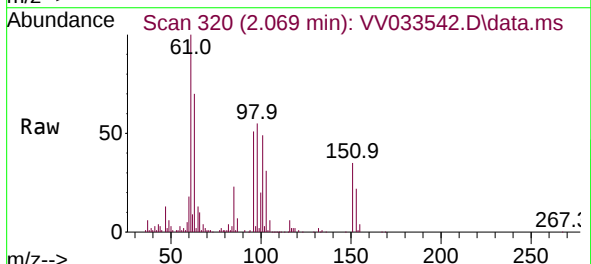
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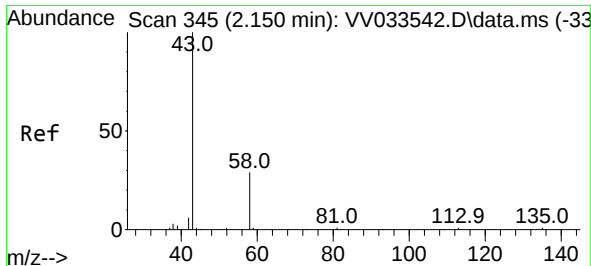
Tgt Ion:101 Resp: 45362
 Ion Ratio Lower Upper
 101 100
 85 46.1 36.9 55.3
 151 72.5 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 5.059 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV033542.D
 Acq: 28 Dec 2023 11:03

Tgt Ion: 96 Resp: 41082
 Ion Ratio Lower Upper
 96 100
 61 194.2 135.9 252.5
 63 136.1 95.3 176.9





#13

Acetone

Concen: 38.273 ug/L

RT: 2.150 min Scan# 345

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

Instrument :

MSVOA_V

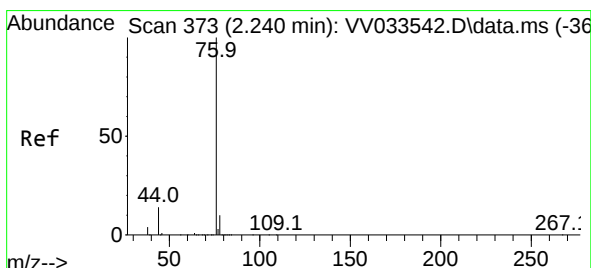
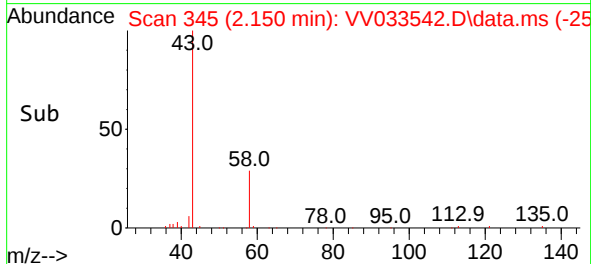
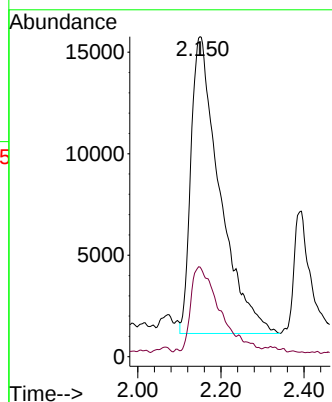
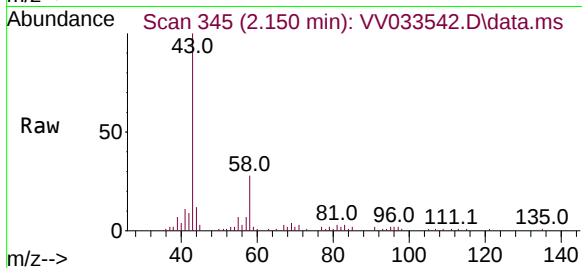
ClientSampleId :

Tgt Ion: 43 Resp: 70181

Ion Ratio Lower Upper

43 100

58 25.9 0.0 45.8



#14

Carbon disulfide

Concen: 5.097 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV033542.D

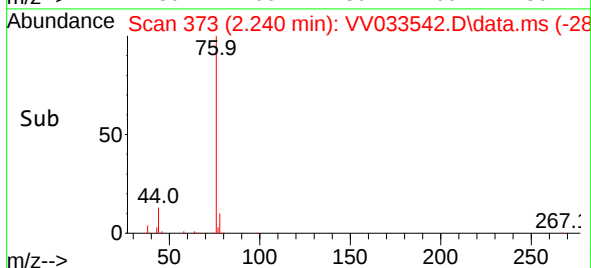
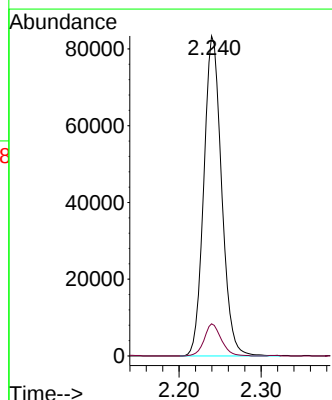
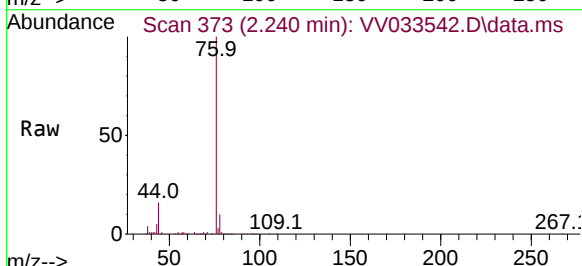
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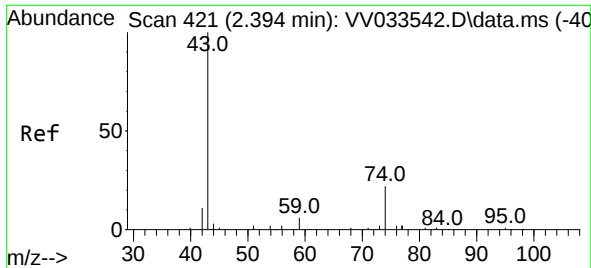
Tgt Ion: 76 Resp: 125760

Ion Ratio Lower Upper

76 100

78 10.1 8.1 12.1

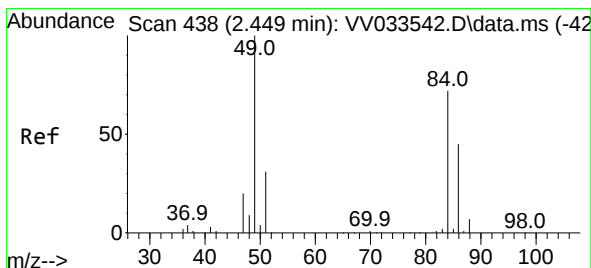
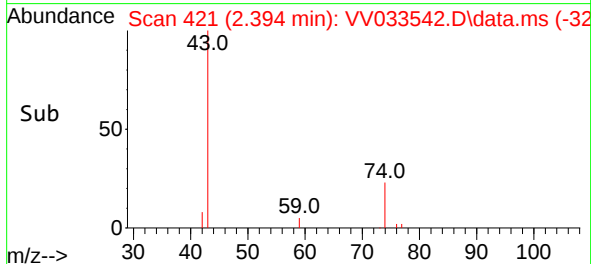
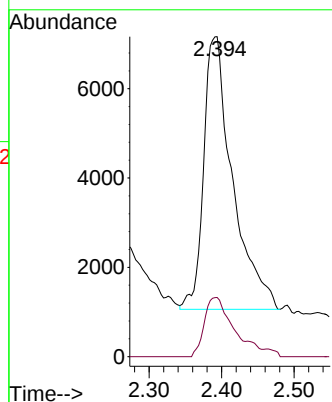
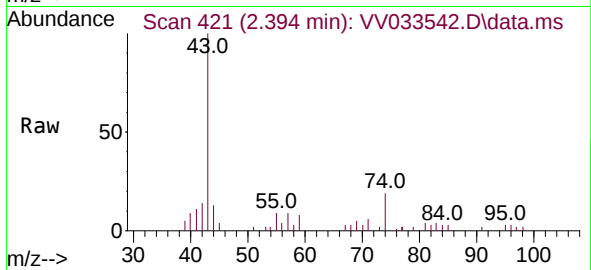




#15
Methyl Acetate
Concen: 3.712 ug/L
RT: 2.394 min Scan# 421
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

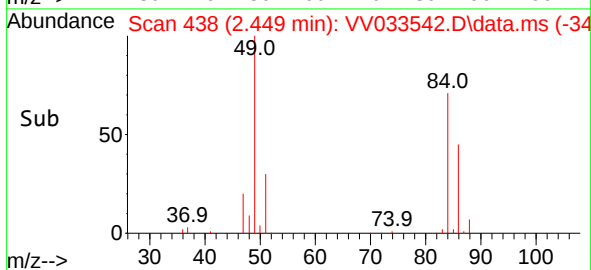
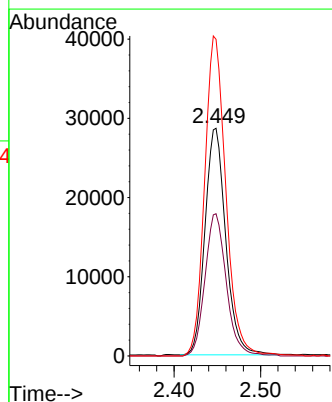
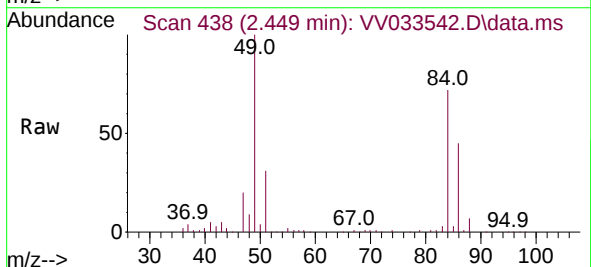
Instrument :
MSVOA_V
ClientSampleId :

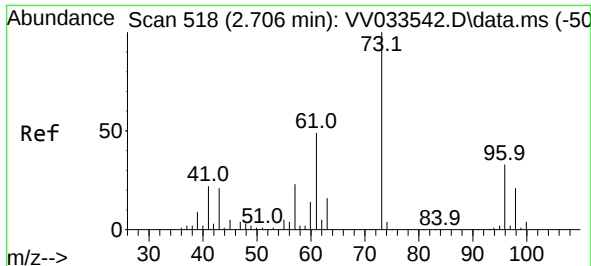
Tgt Ion: 43 Resp: 16946
Ion Ratio Lower Upper
43 100
74 22.2 13.5 20.3#



#16
Methylene chloride
Concen: 4.732 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

Tgt Ion: 84 Resp: 47735
Ion Ratio Lower Upper
84 100
86 62.5 43.8 81.3
49 139.1 97.4 180.8

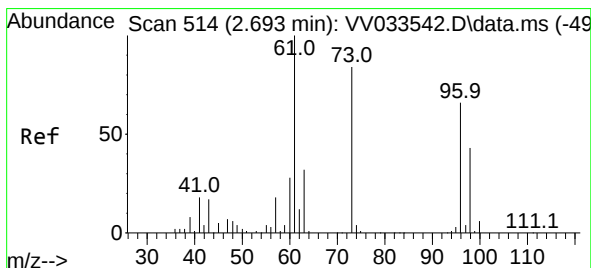
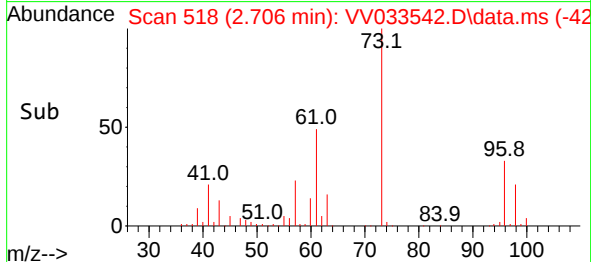
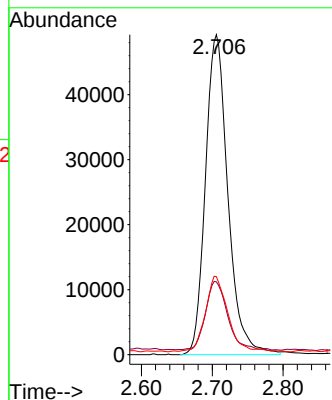
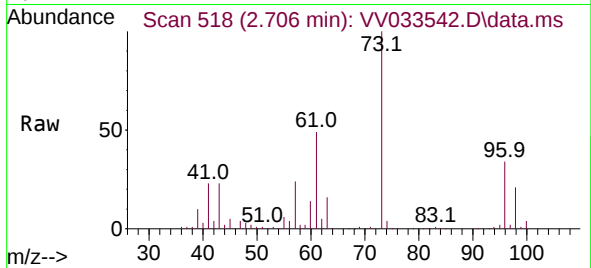




#17
Methyl tert-butyl Ether
Concen: 4.837 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

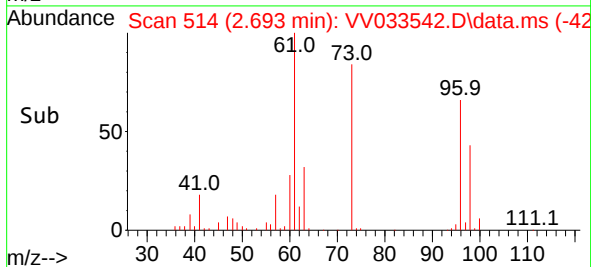
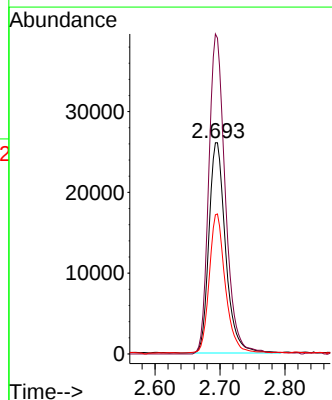
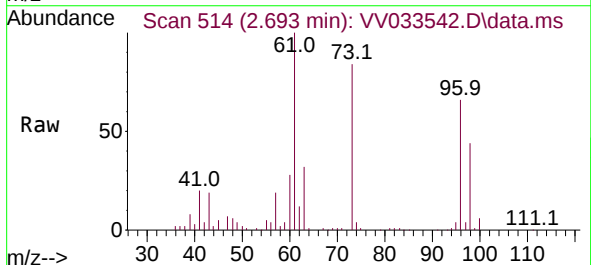
Instrument :
MSVOA_V
ClientSampleId :

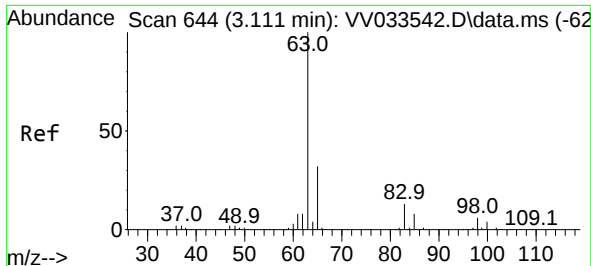
Tgt Ion: 73 Resp: 108317
Ion Ratio Lower Upper
73 100
43 20.6 16.5 24.7
57 22.6 18.1 27.1



#18
trans-1,2-Dichloroethene
Concen: 5.152 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

Tgt Ion: 96 Resp: 46538
Ion Ratio Lower Upper
96 100
61 151.5 106.0 196.9
98 65.9 46.1 85.7





#19

1,1-Dichloroethane

Concen: 5.029 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.000 min

Lab File: VV033542.D

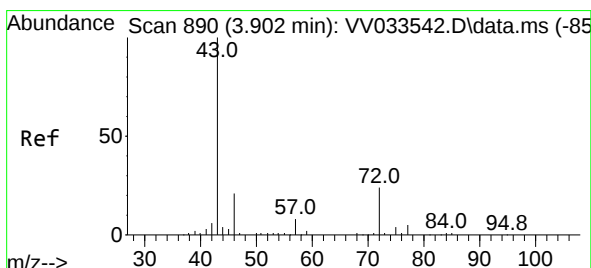
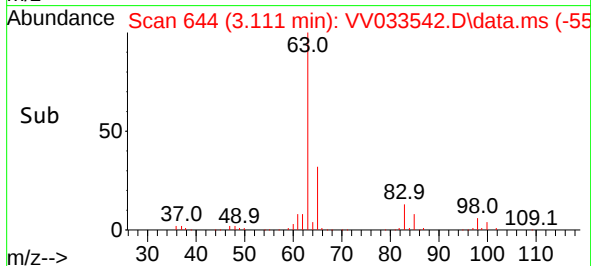
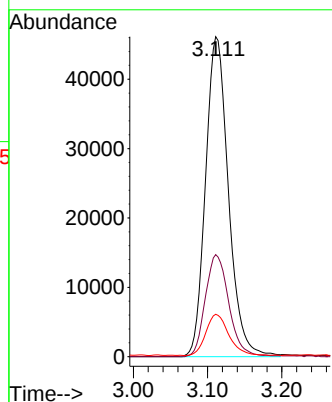
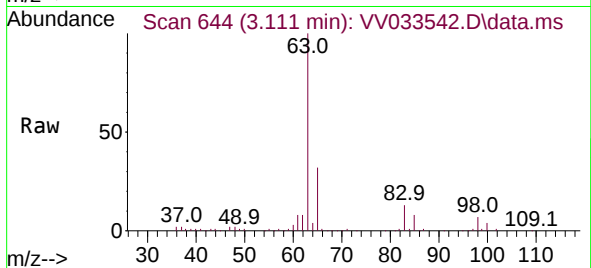
Acq: 28 Dec 2023 11:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	98896
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.3	41.5
83	13.3	9.3	17.3



#21

2-Butanone

Concen: 43.202 ug/L

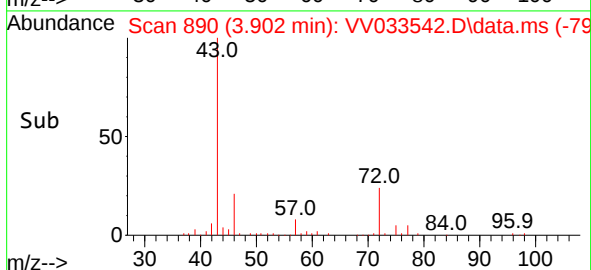
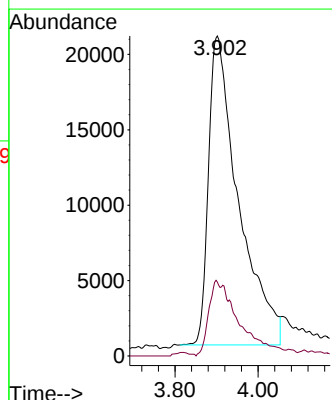
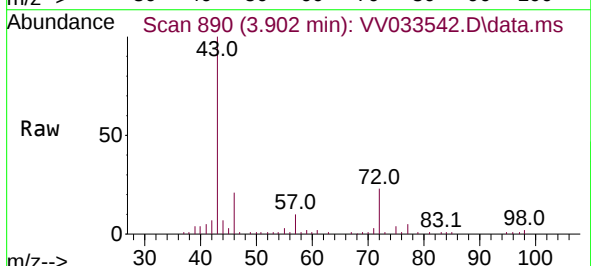
RT: 3.902 min Scan# 890

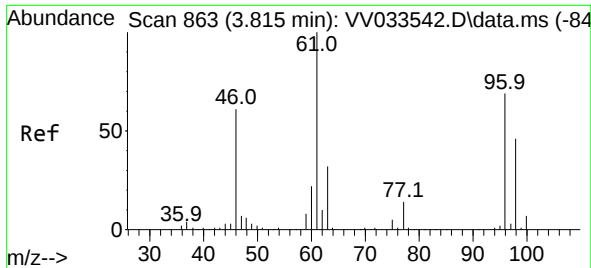
Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

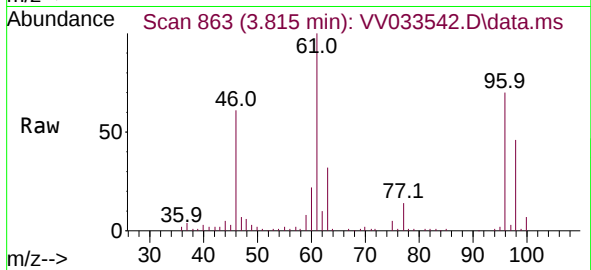
Tgt Ion:	43	Resp:	102600
Ion	Ratio	Lower	Upper
43	100		
72	9.1	4.0	12.0





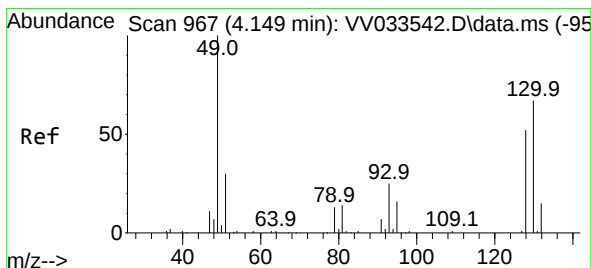
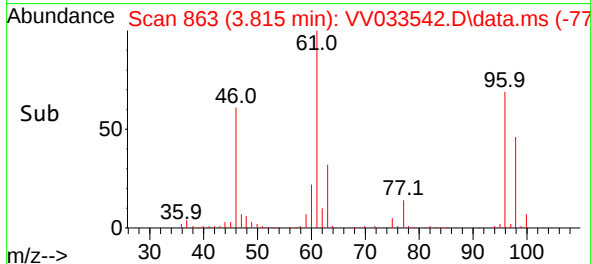
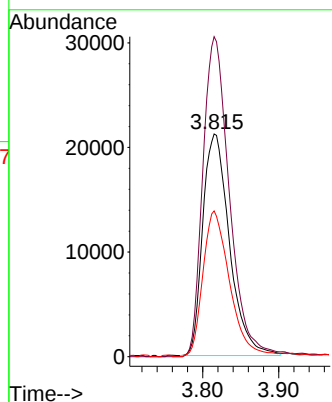
#22
 cis-1,2-Dichloroethene
 Concen: 5.064 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV033542.D
 Acq: 28 Dec 2023 11:03

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 51909

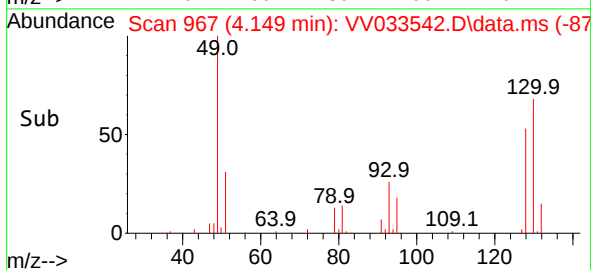
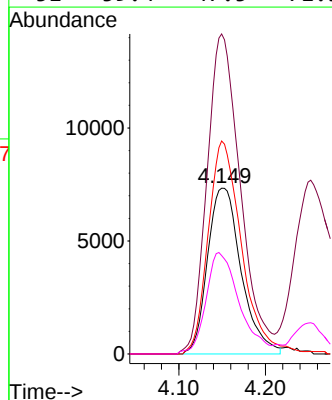
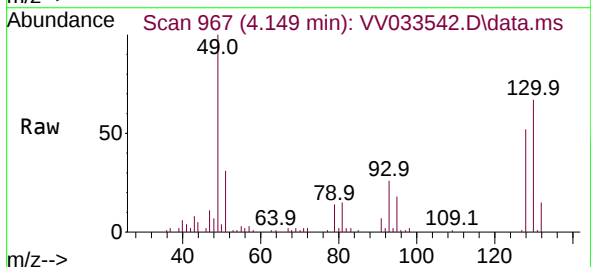
Ion	Ratio	Lower	Upper
96	100		
61	143.7	100.6	186.8
98	65.5	45.8	85.2

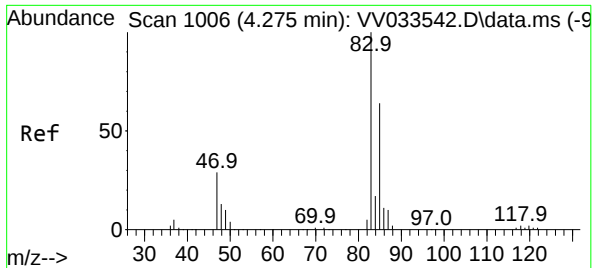


#23
 Bromochloromethane
 Concen: 5.002 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VV033542.D
 Acq: 28 Dec 2023 11:03

Tgt Ion: 128 Resp: 19778

Ion	Ratio	Lower	Upper
128	100		
49	193.1	135.2	251.0
130	128.5	89.9	167.0
51	59.4	47.5	71.3

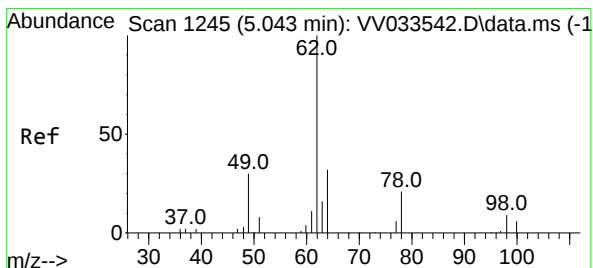
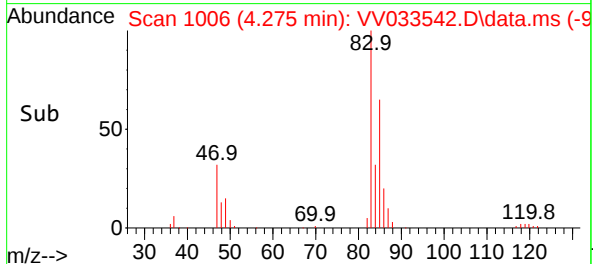
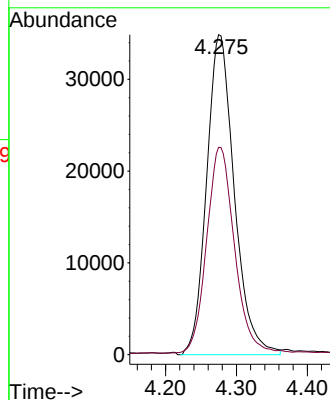
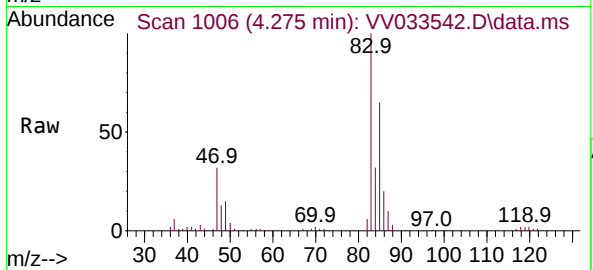




#25
Chloroform
Concen: 5.131 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

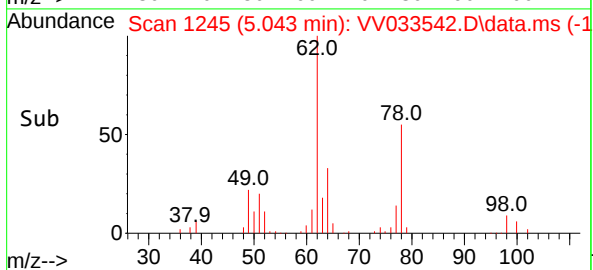
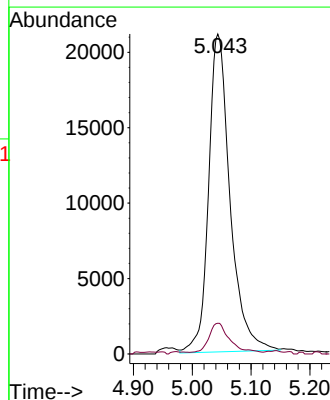
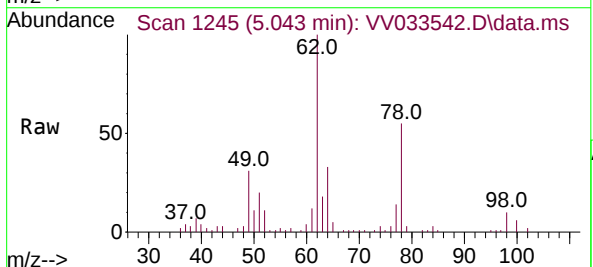
Instrument :
MSVOA_V
ClientSampleId :

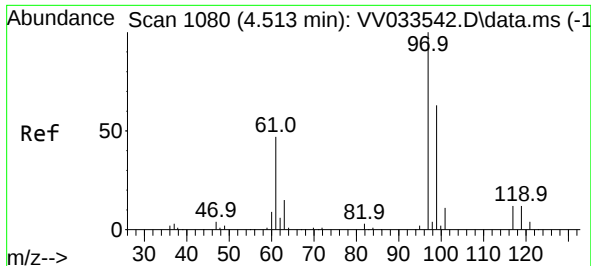
Tgt Ion: 83 Resp: 94522
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.000 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

Tgt Ion: 62 Resp: 53505
Ion Ratio Lower Upper
62 100
98 9.6 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.055 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

Instrument :

MSVOA_V

ClientSampleId :

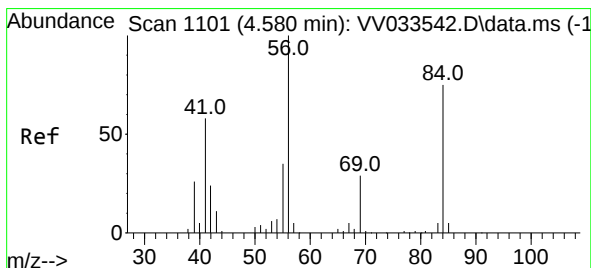
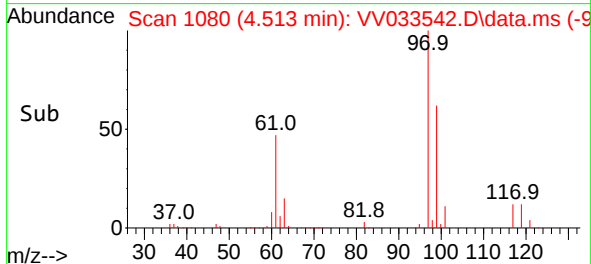
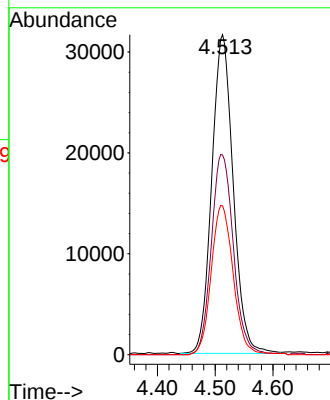
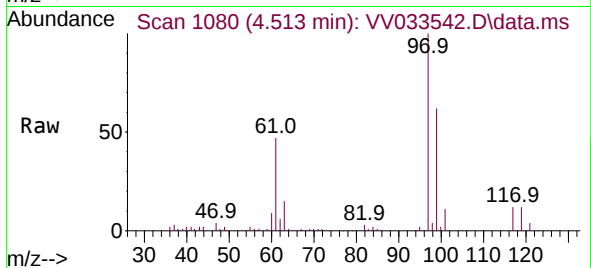
Tgt Ion: 97 Resp: 81477

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 48.2 38.6 57.8



#30

Cyclohexane

Concen: 5.150 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

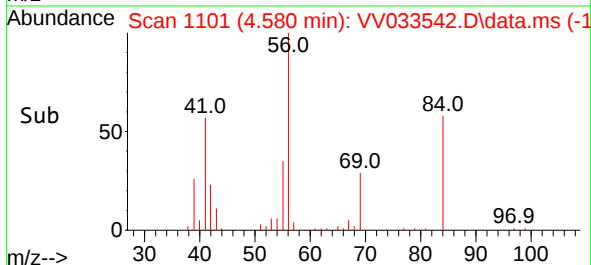
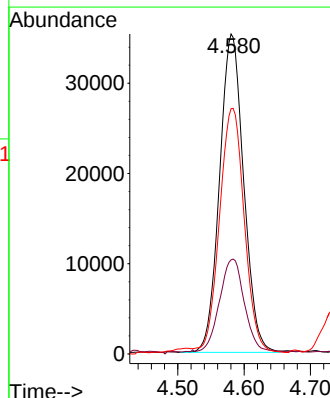
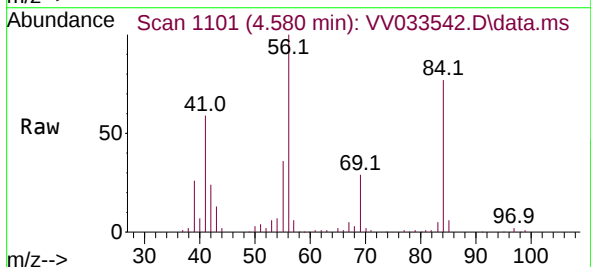
Tgt Ion: 56 Resp: 89025

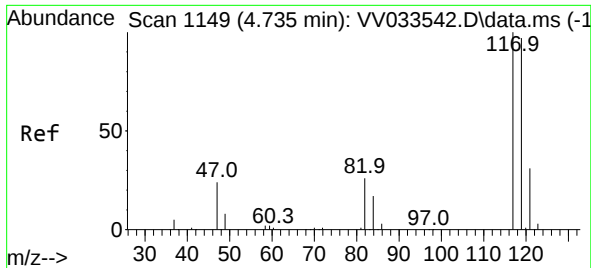
Ion Ratio Lower Upper

56 100

69 29.7 23.8 35.6

84 78.8 63.0 94.6

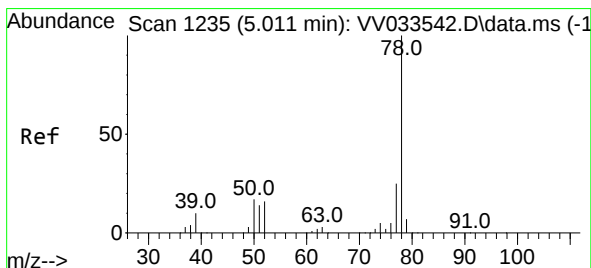
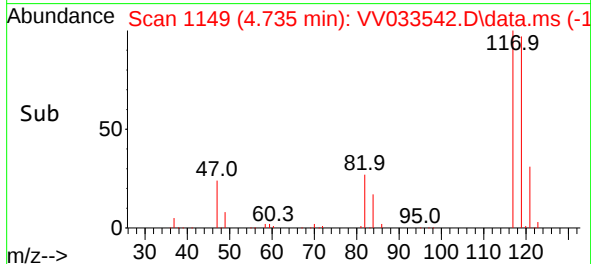
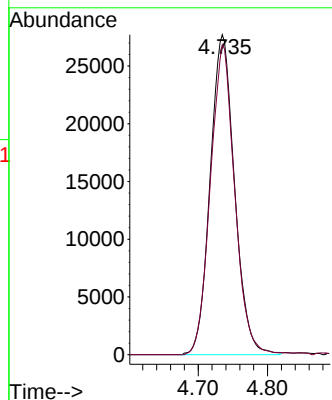
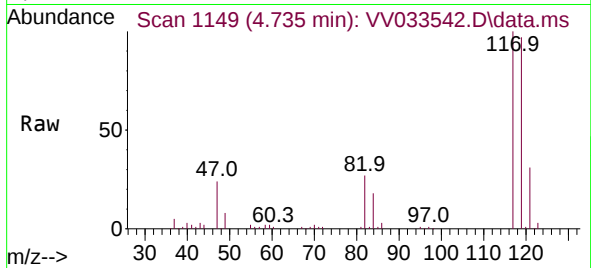




#31
Carbon tetrachloride
Concen: 5.137 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

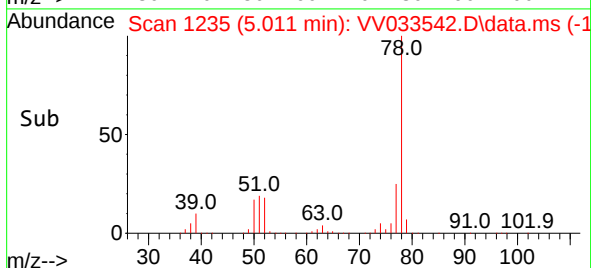
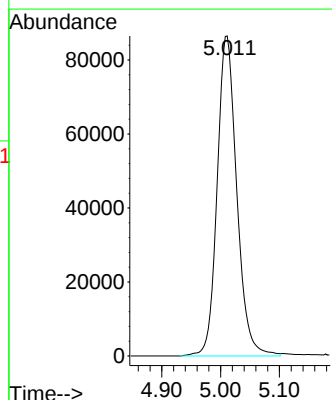
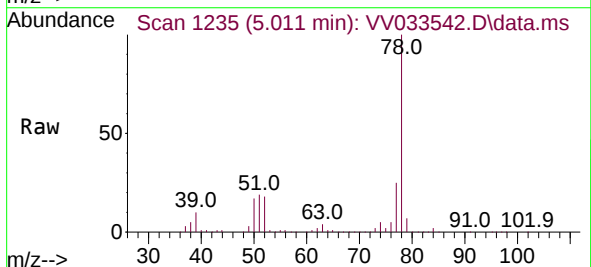
Instrument :
MSVOA_V
ClientSampleId :

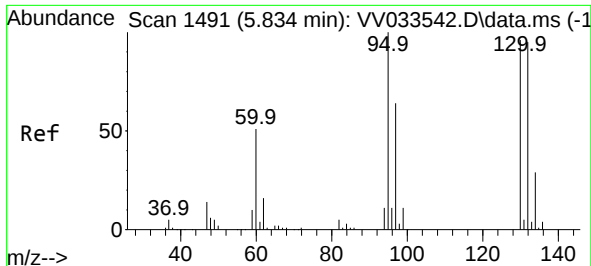
Tgt Ion:117 Resp: 67704
Ion Ratio Lower Upper
117 100
119 96.6 77.3 115.9



#33
Benzene
Concen: 5.134 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

Tgt Ion: 78 Resp: 200479





#34

Trichloroethene

Concen: 5.142 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 54215

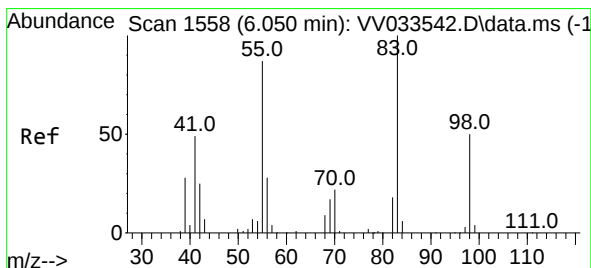
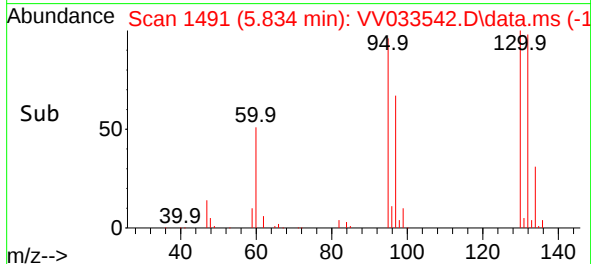
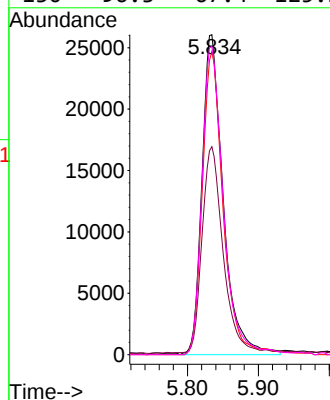
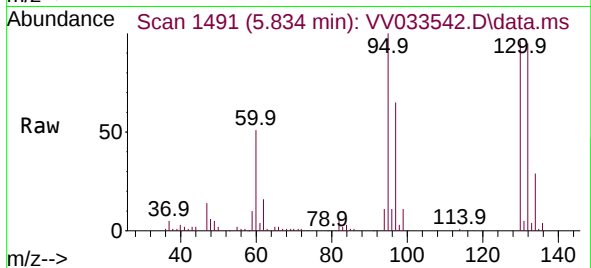
Ion Ratio Lower Upper

95 100

97 65.0 45.5 84.5

132 94.7 66.3 123.1

130 96.3 67.4 125.2



#35

Methylcyclohexane

Concen: 5.143 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

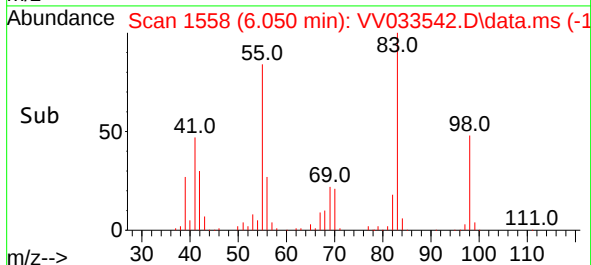
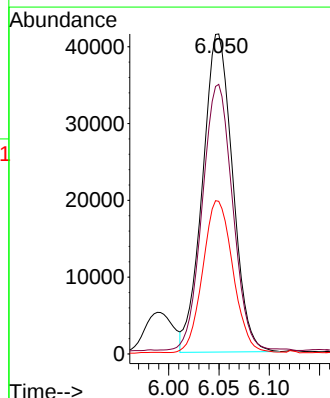
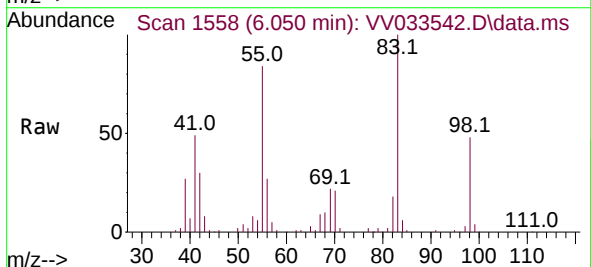
Tgt Ion: 83 Resp: 86100

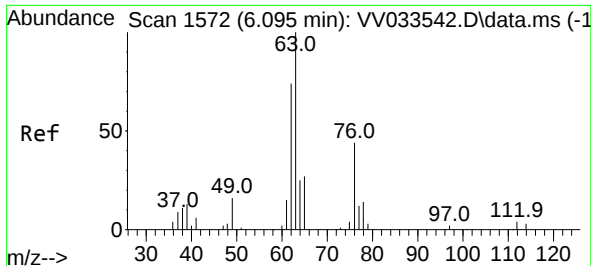
Ion Ratio Lower Upper

83 100

55 84.6 67.7 101.5

98 47.7 38.2 57.2





#37

1,2-Dichloropropane

Concen: 5.116 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

Instrument :

MSVOA_V

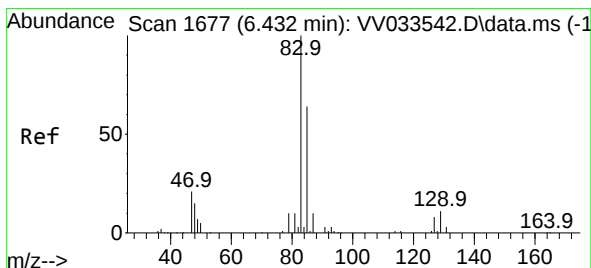
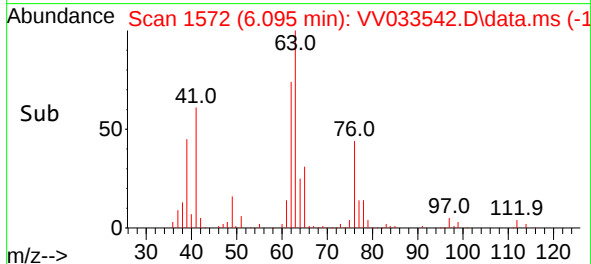
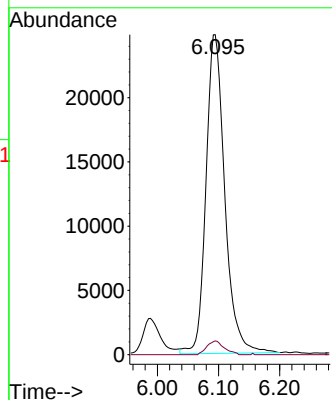
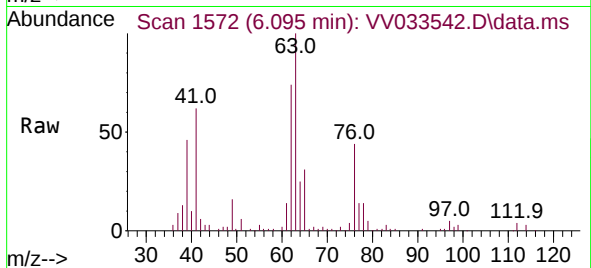
ClientSampleId :

Tgt Ion: 63 Resp: 53039

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 5.045 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

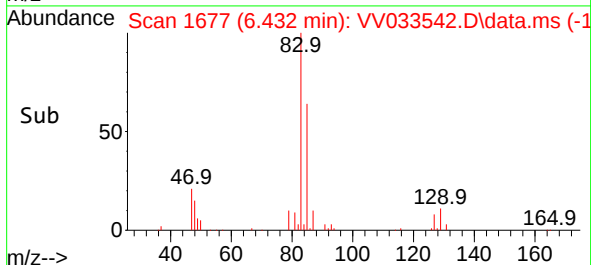
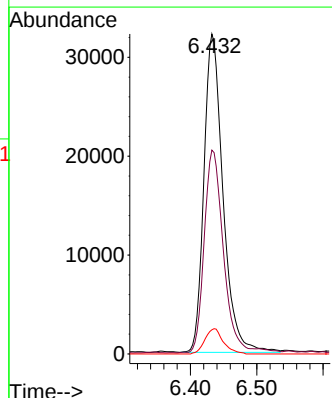
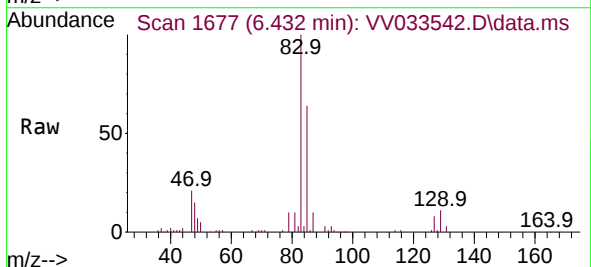
Tgt Ion: 83 Resp: 64359

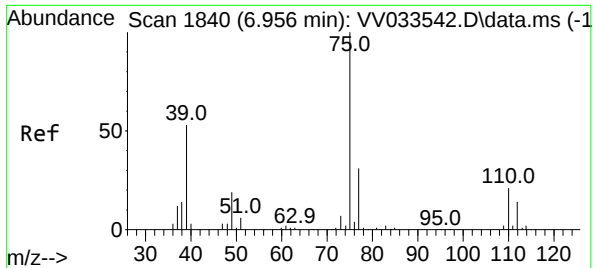
Ion Ratio Lower Upper

83 100

85 63.7 44.6 82.8

127 7.6 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.094 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

Instrument :

MSVOA_V

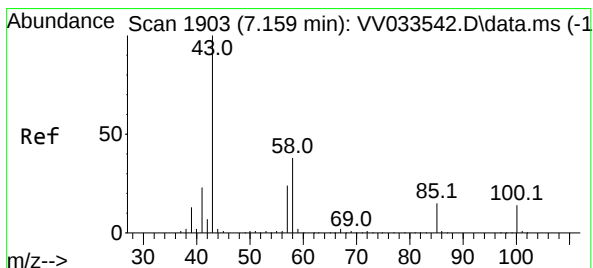
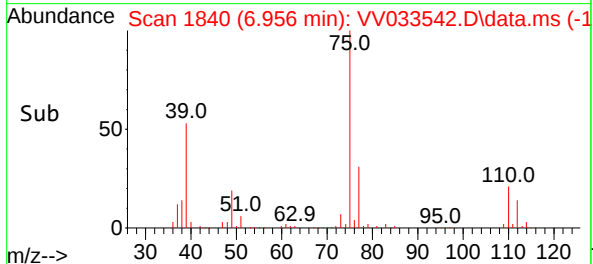
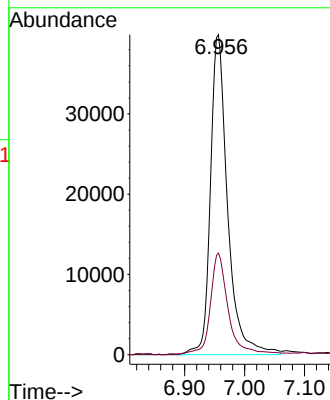
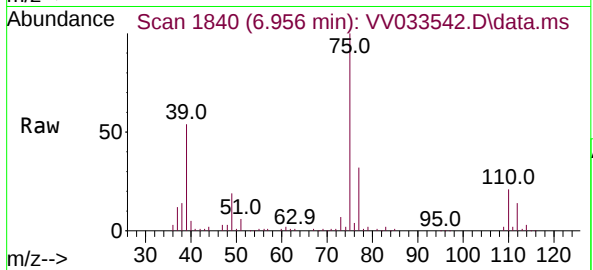
ClientSampleId :

Tgt Ion: 75 Resp: 79411

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 49.449 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

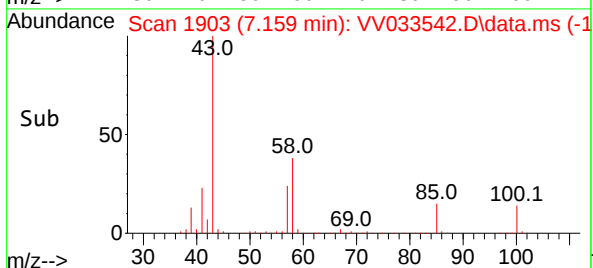
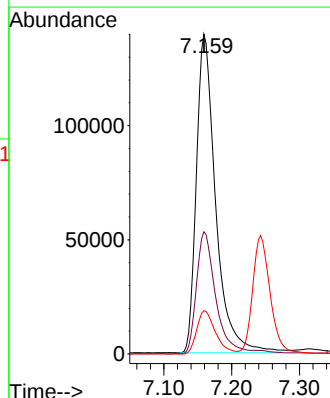
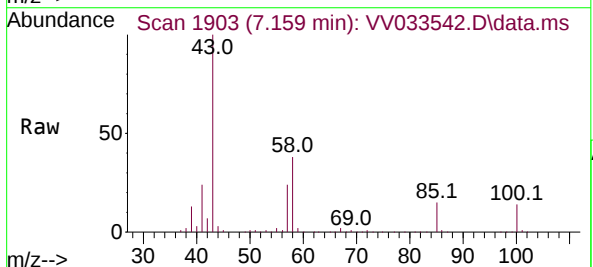
Tgt Ion: 43 Resp: 276168

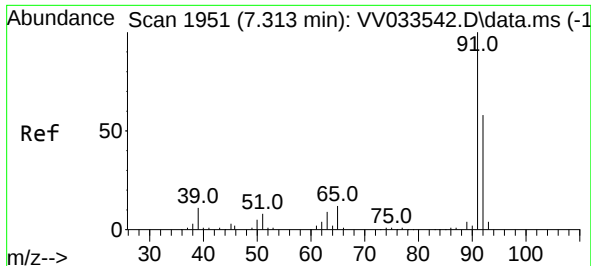
Ion Ratio Lower Upper

43 100

58 39.2 31.4 47.0

100 13.1 10.5 15.7





#42

Toluene

Concen: 5.135 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

Instrument :

MSVOA_V

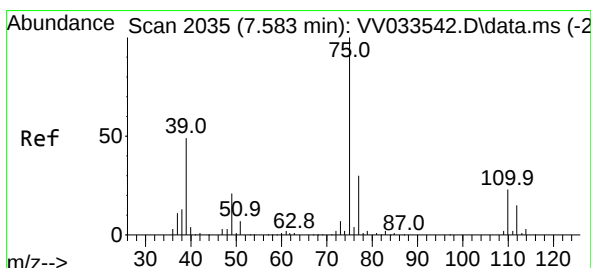
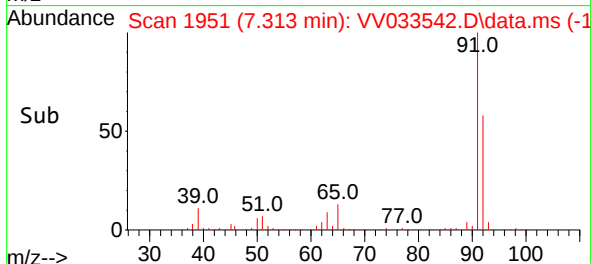
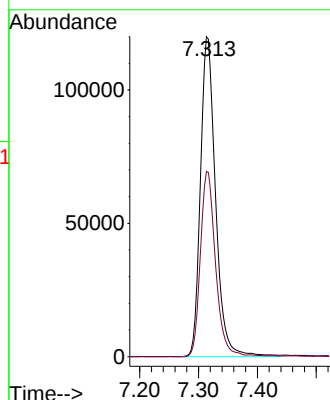
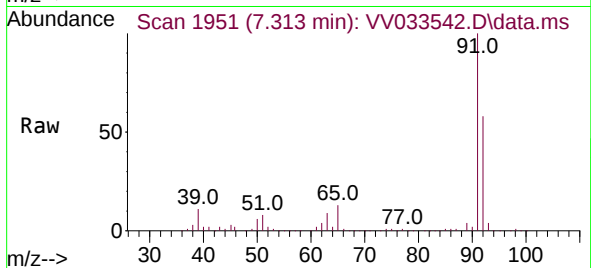
ClientSampleId :

Tgt Ion: 91 Resp: 214560

Ion Ratio Lower Upper

91 100

92 57.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.103 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV033542.D

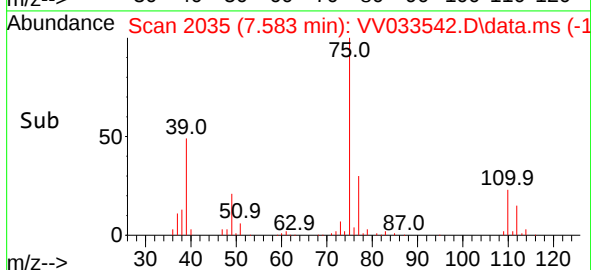
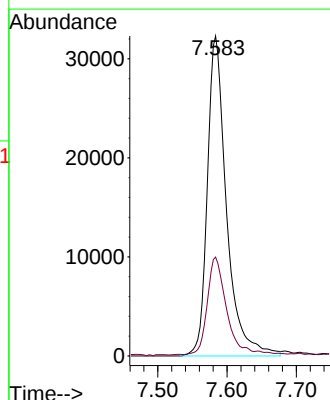
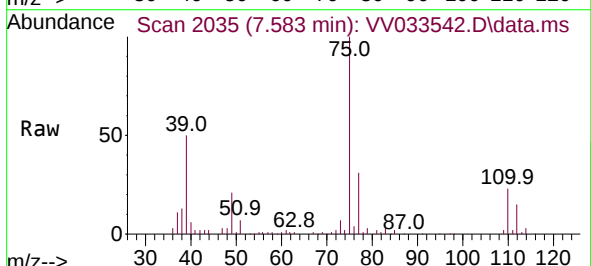
Acq: 28 Dec 2023 11:03

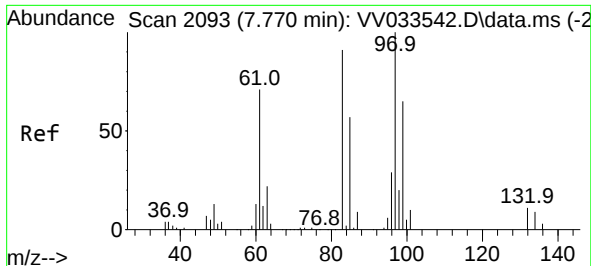
Tgt Ion: 75 Resp: 61900

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 4.905 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 30625

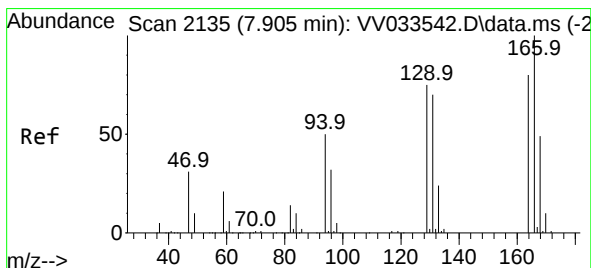
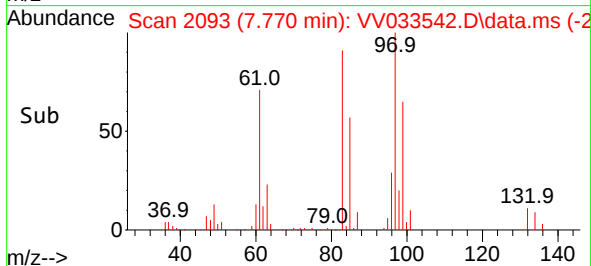
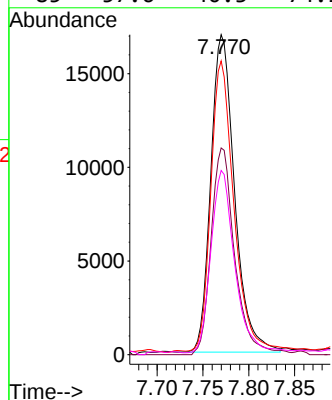
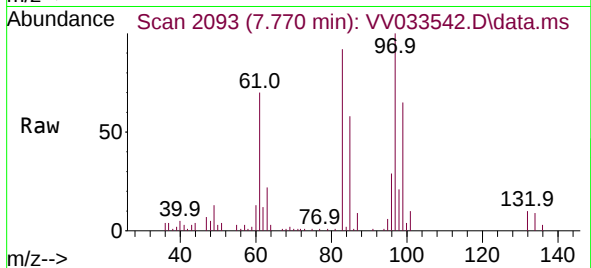
Ion Ratio Lower Upper

97 100

99 64.6 45.2 84.0

83 91.8 64.3 119.3

85 57.6 40.3 74.9



#47

Tetrachloroethene

Concen: 5.224 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

Tgt Ion:164 Resp: 38786

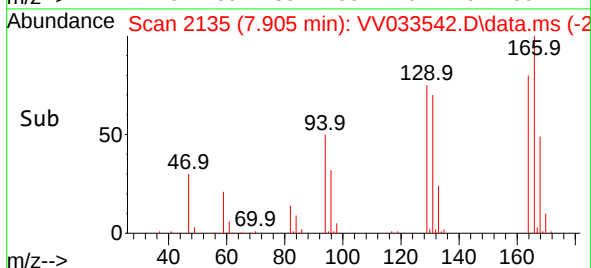
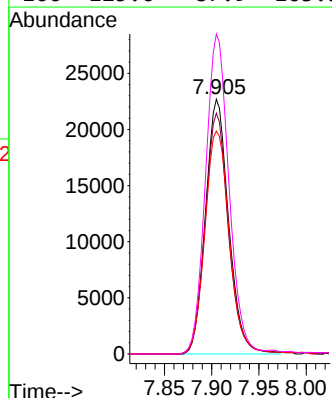
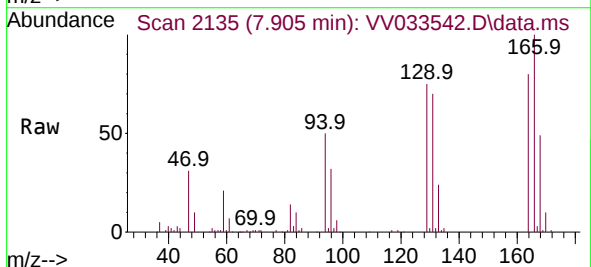
Ion Ratio Lower Upper

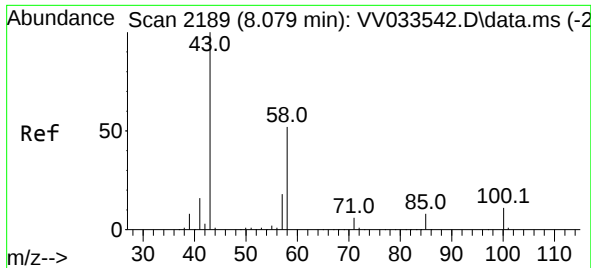
164 100

129 94.6 66.2 123.0

131 87.5 61.2 113.8

166 125.6 87.9 163.3

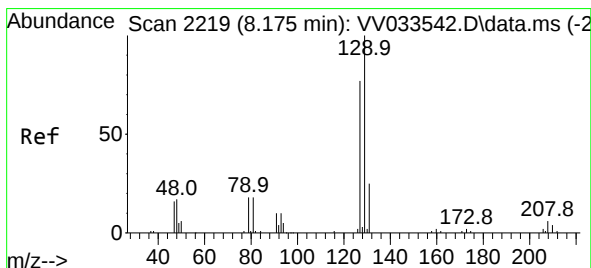
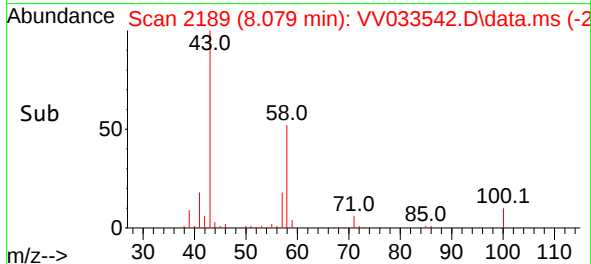
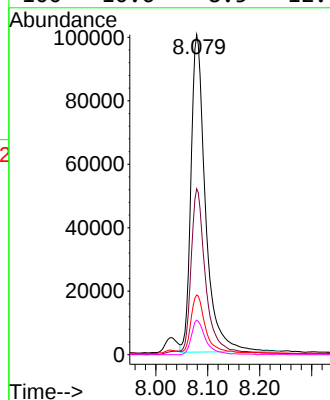
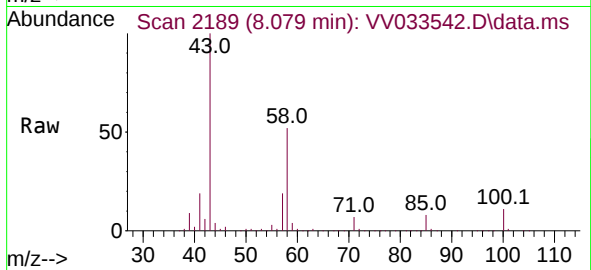




#48
2-Hexanone
Concen: 48.037 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

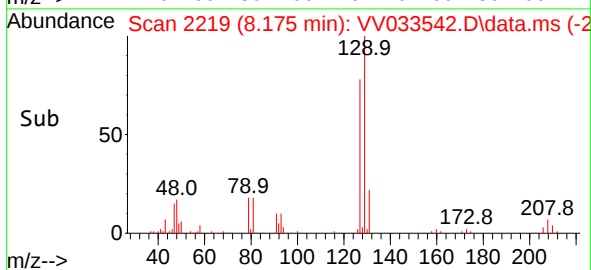
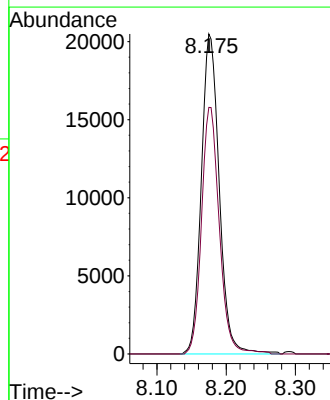
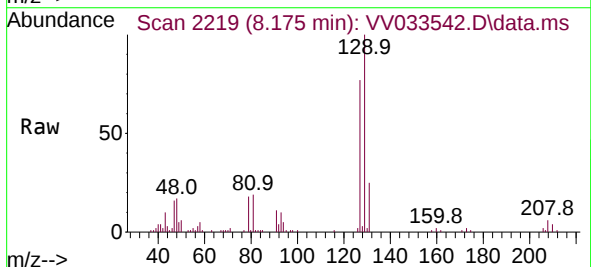
Instrument :
MSVOA_V
ClientSampleId :

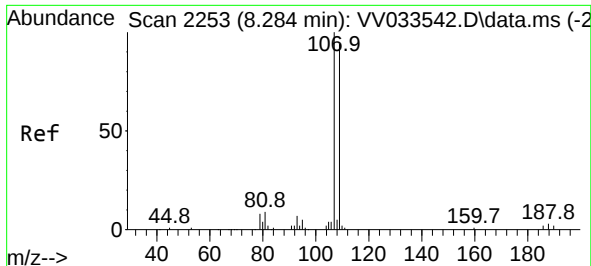
Tgt Ion: 43	Resp: 194894
Ion Ratio	Lower Upper
43 100	
58 54.1	43.3 64.9
57 18.0	14.4 21.6
100 10.6	8.5 12.7



#49
Dibromochloromethane
Concen: 5.025 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

Tgt Ion:129	Resp:	36732	
Ion	Ratio	Lower	Upper
129	100		
127	77.0	53.9	100.1





#50

1,2-Dibromoethane

Concen: 4.977 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV033542.D

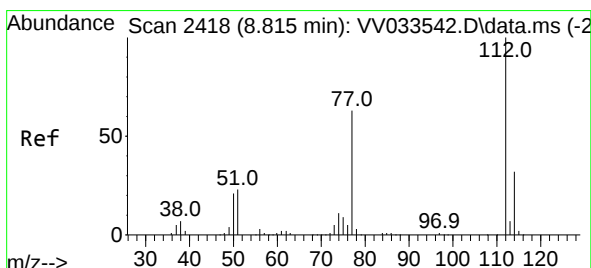
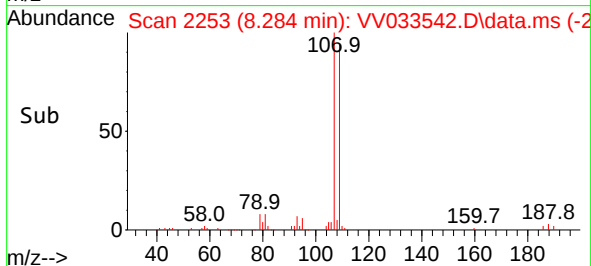
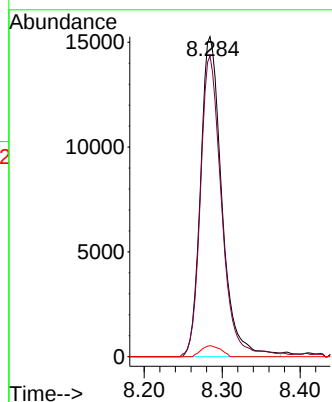
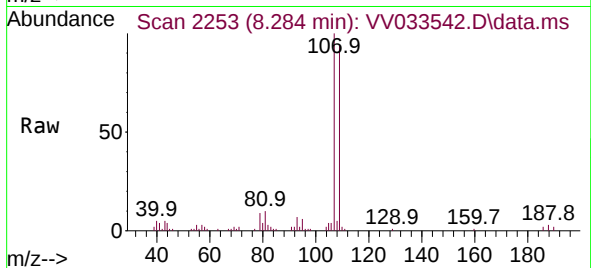
Acq: 28 Dec 2023 11:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	28986
Ion	Ratio	Lower	Upper
107	100		
109	94.0	65.8	122.2
188	3.5	2.8	4.2



#51

Chlorobenzene

Concen: 5.112 ug/L

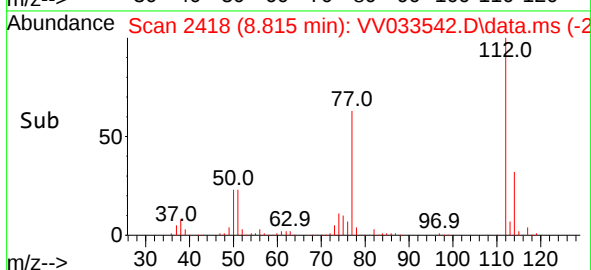
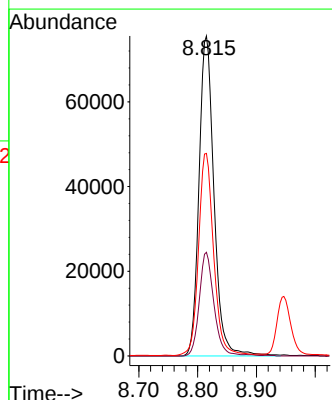
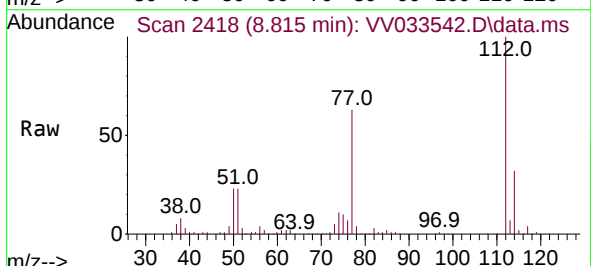
RT: 8.815 min Scan# 2418

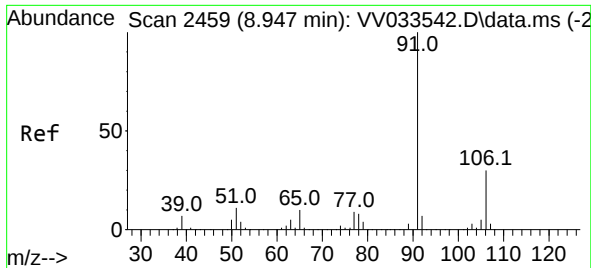
Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

Tgt Ion:	112	Resp:	133807
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.7	42.1
77	63.3	50.6	76.0

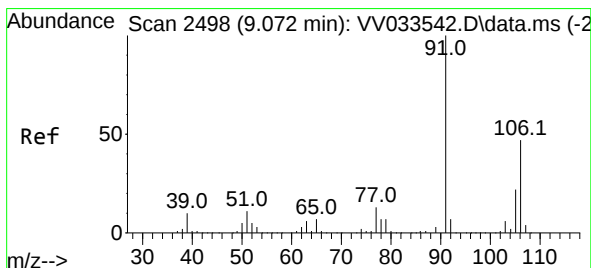
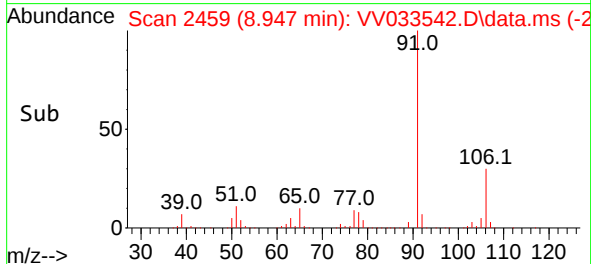
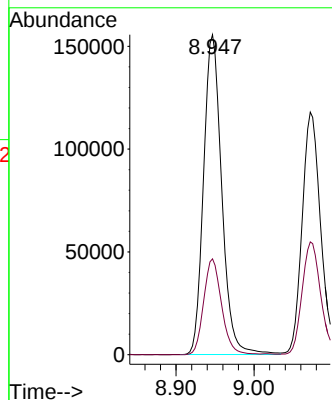
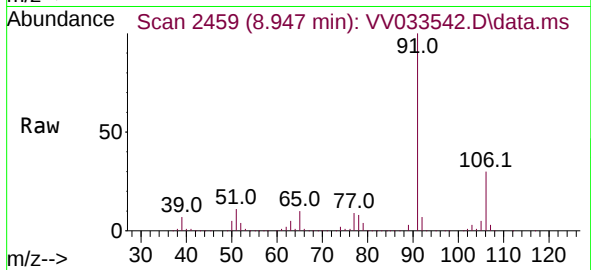




#52
Ethylbenzene
Concen: 5.133 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

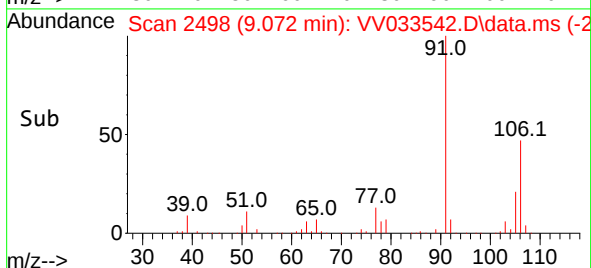
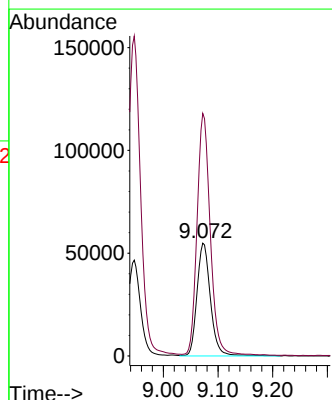
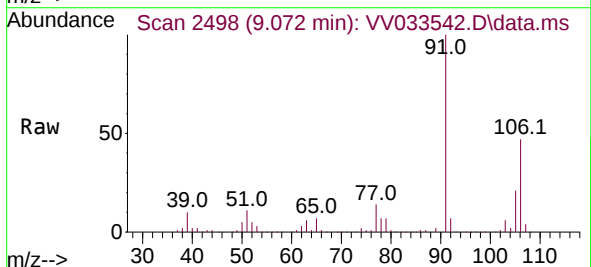
Instrument :
MSVOA_V
ClientSampleId :

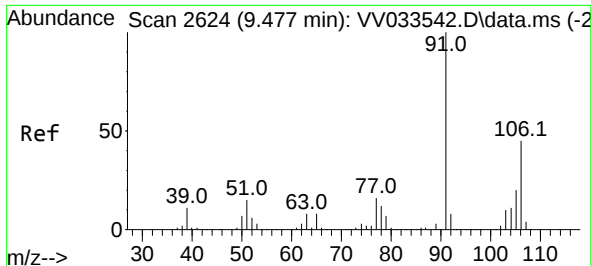
Tgt Ion: 91 Resp: 252072
Ion Ratio Lower Upper
91 100
106 29.9 20.9 38.9



#53
m,p-Xylene
Concen: 5.162 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

Tgt Ion: 106 Resp: 93782
Ion Ratio Lower Upper
106 100
91 214.9 150.4 279.4

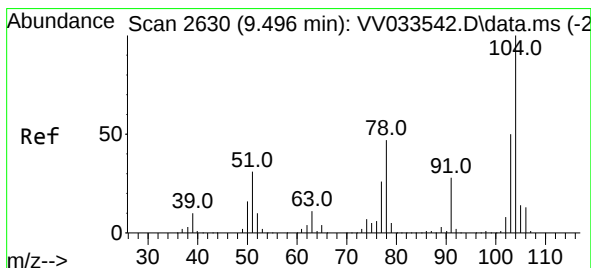
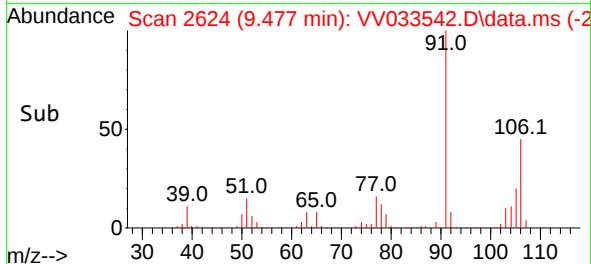
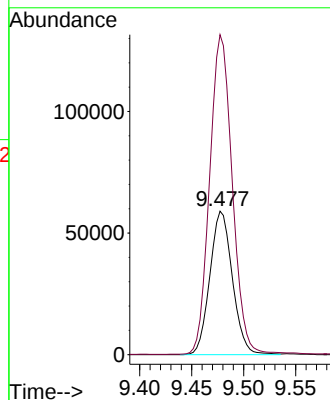
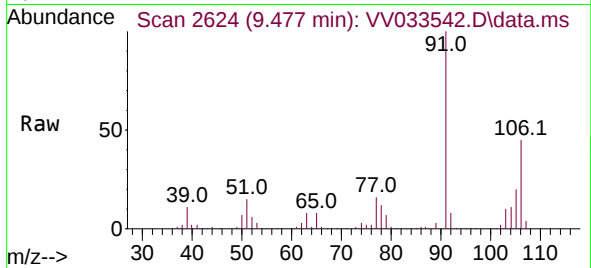




#54
o-Xylene
Concen: 5.048 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

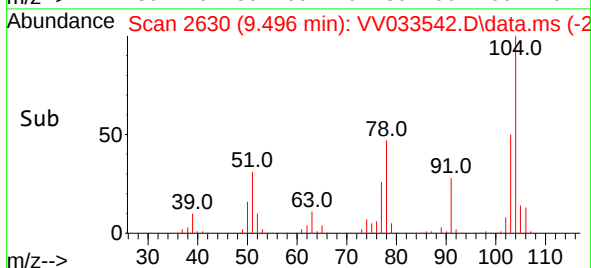
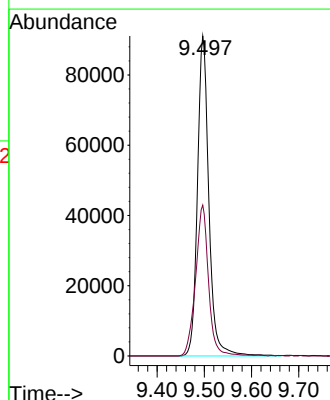
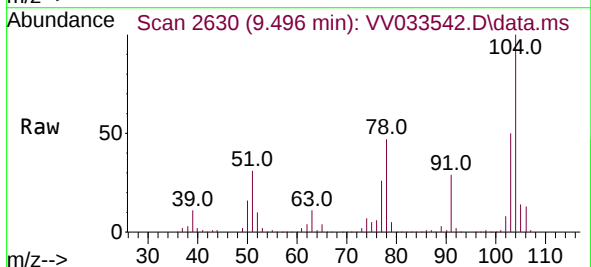
Instrument :
MSVOA_V
ClientSampleId :

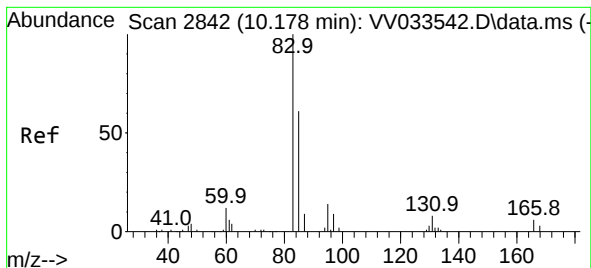
Tgt Ion:106 Resp: 89015
Ion Ratio Lower Upper
106 100
91 223.0 156.1 289.9



#55
Styrene
Concen: 5.165 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

Tgt Ion:104 Resp: 152717
Ion Ratio Lower Upper
104 100
78 47.2 33.0 61.4

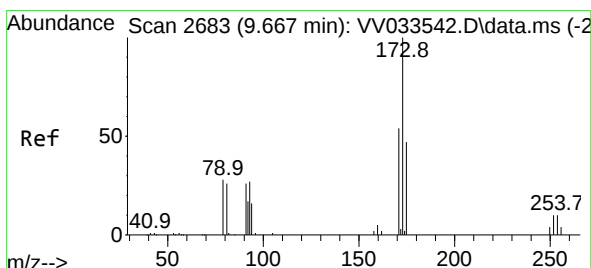
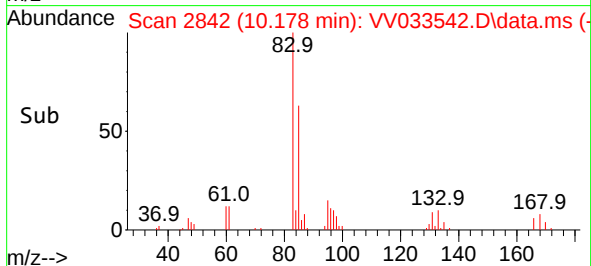
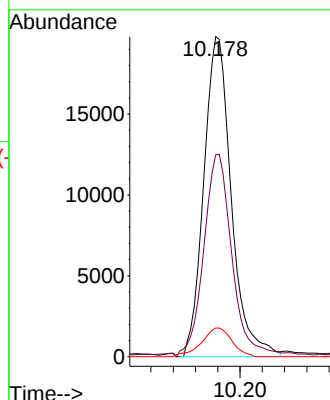
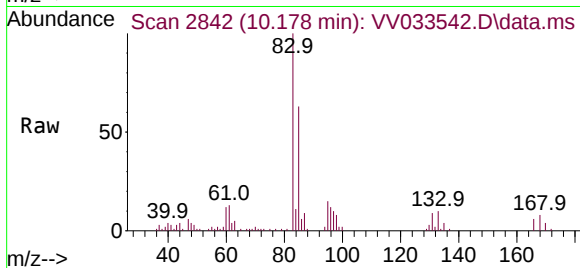




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.912 ug/L
 RT: 10.178 min Scan# 2842
 Delta R.T. 0.000 min
 Lab File: VV033542.D
 Acq: 28 Dec 2023 11:03

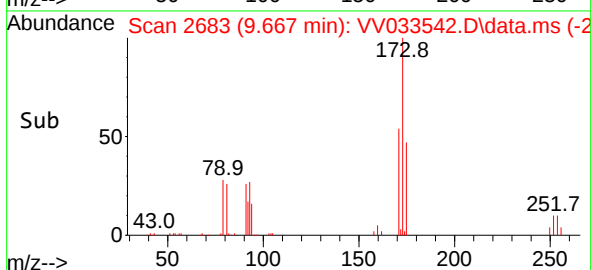
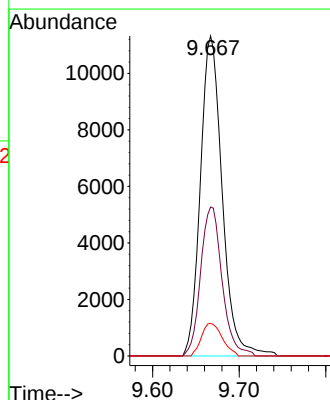
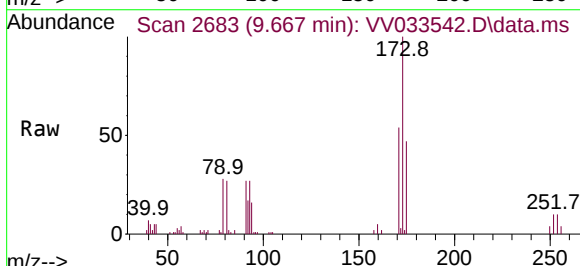
Instrument :
 MSVOA_V
 ClientSampleId :

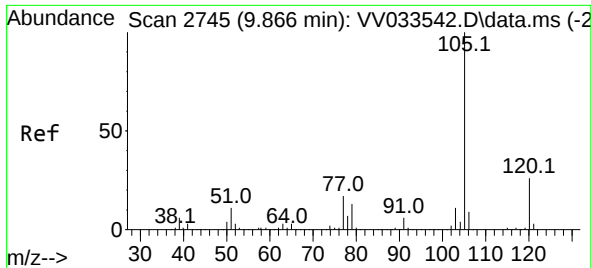
Tgt Ion: 83 Resp: 33937
 Ion Ratio Lower Upper
 83 100
 85 63.1 44.2 82.0
 131 9.0 7.2 10.8



#59
 Bromoform
 Concen: 5.134 ug/L
 RT: 9.667 min Scan# 2683
 Delta R.T. 0.000 min
 Lab File: VV033542.D
 Acq: 28 Dec 2023 11:03

Tgt Ion: 173 Resp: 19784
 Ion Ratio Lower Upper
 173 100
 175 45.8 36.6 55.0
 254 9.8 7.8 11.8

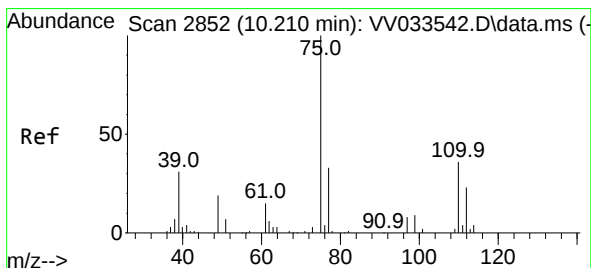
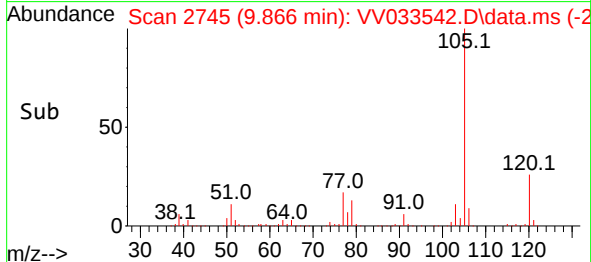
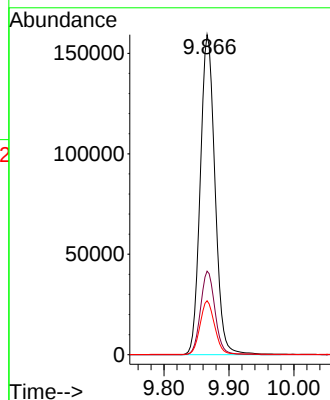
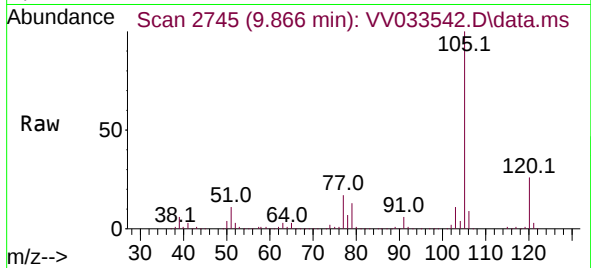




#60
Isopropylbenzene
Concen: 5.160 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

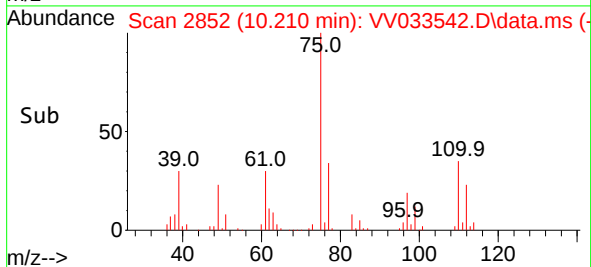
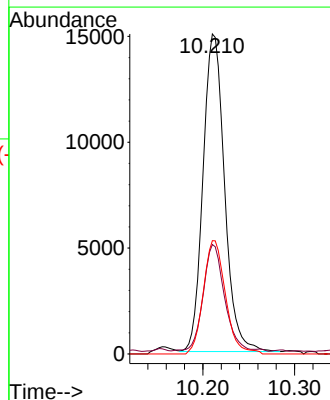
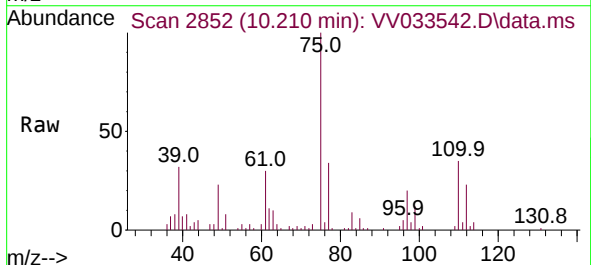
Instrument :
MSVOA_V
ClientSampleId :

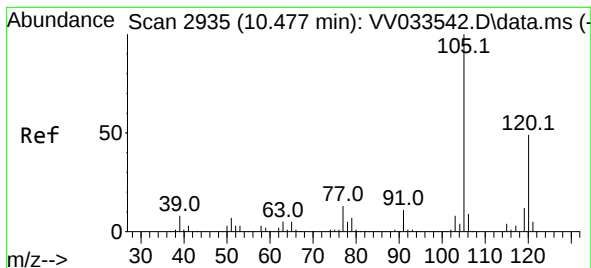
Tgt Ion:105 Resp: 251804
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.856 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

Tgt Ion: 75 Resp: 24501
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6
110 36.5 29.2 43.8





#62

1,3,5-Trimethylbenzene

Concen: 5.141 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

Instrument :

MSVOA_V

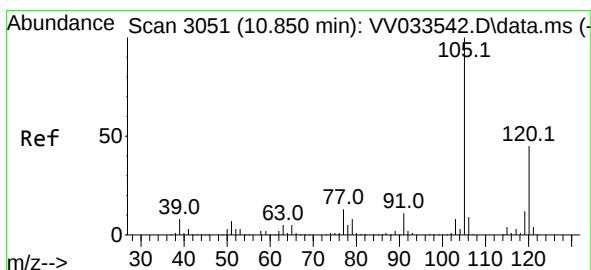
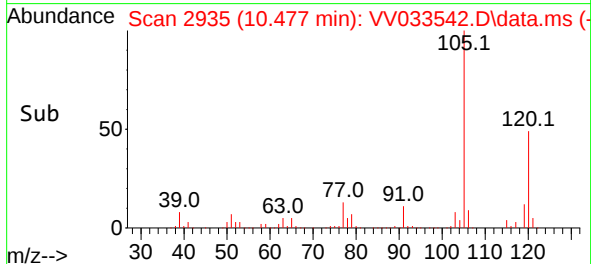
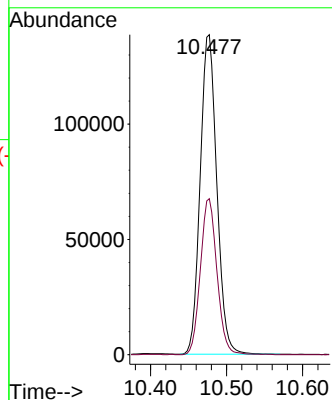
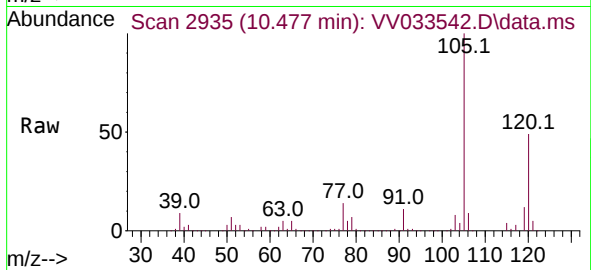
ClientSampleId :

Tgt Ion:105 Resp: 210326

Ion Ratio Lower Upper

105 100

120 48.7 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 5.190 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV033542.D

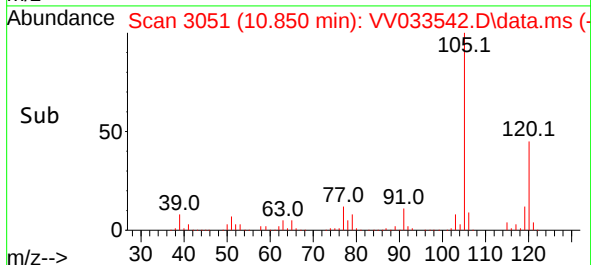
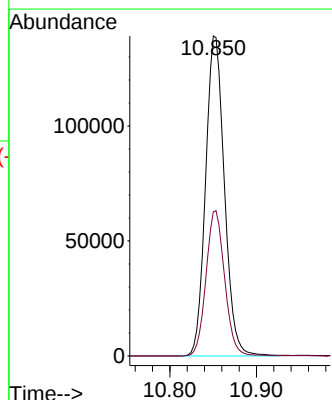
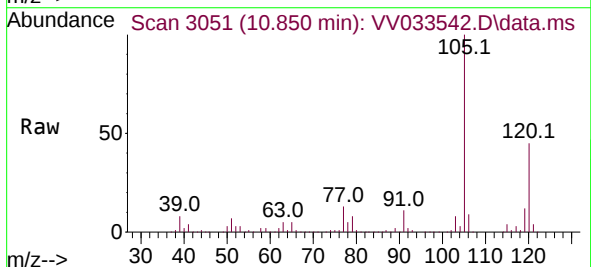
Acq: 28 Dec 2023 11:03

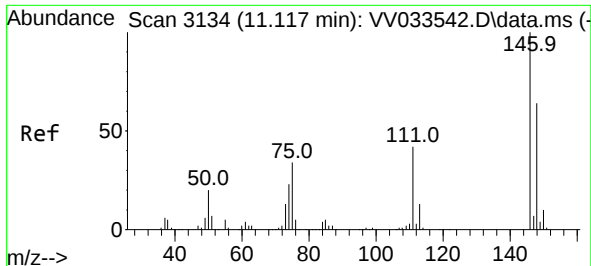
Tgt Ion:105 Resp: 210150

Ion Ratio Lower Upper

105 100

120 45.1 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.125 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

Instrument :

MSVOA_V

ClientSampleId :

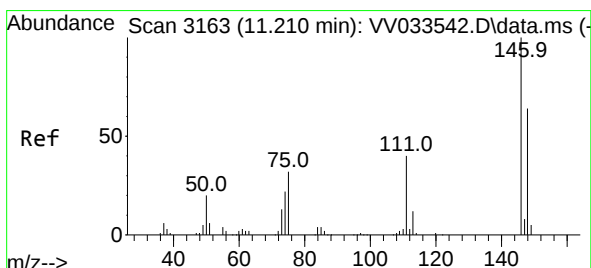
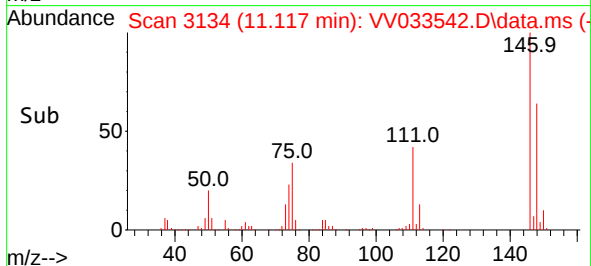
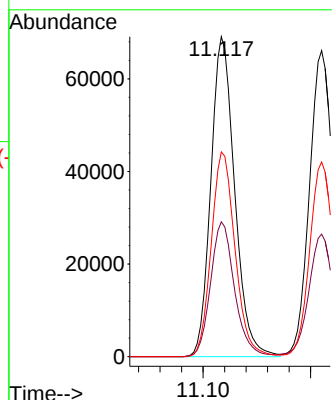
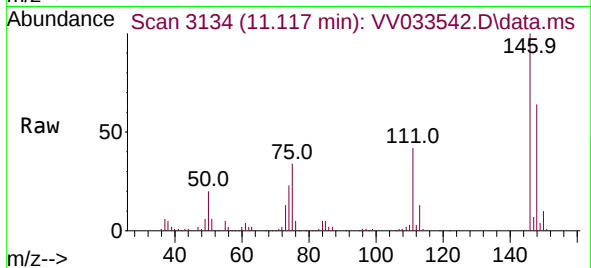
Tgt Ion:146 Resp: 106247

Ion Ratio Lower Upper

146 100

111 42.1 29.5 54.7

148 64.0 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 4.980 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

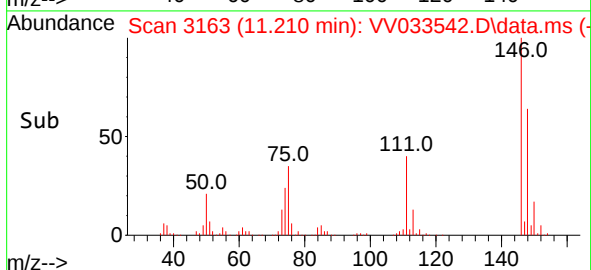
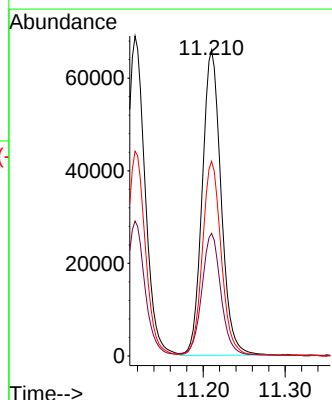
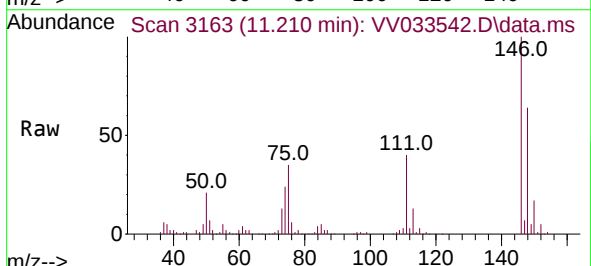
Tgt Ion:146 Resp: 105320

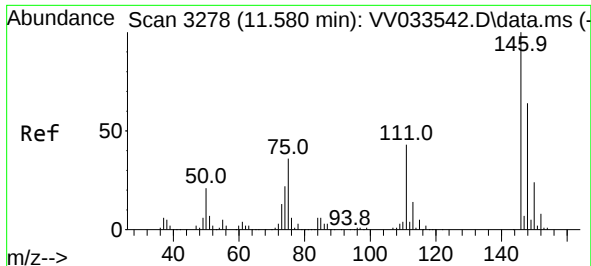
Ion Ratio Lower Upper

146 100

111 40.0 28.0 52.0

148 63.6 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 5.056 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

Instrument :

MSVOA_V

ClientSampleId :

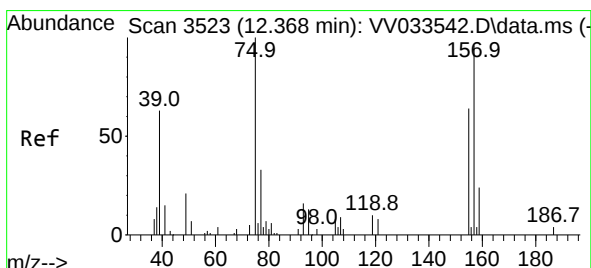
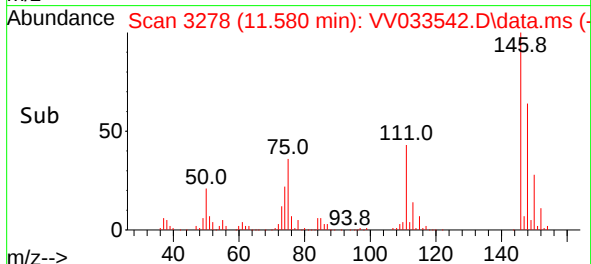
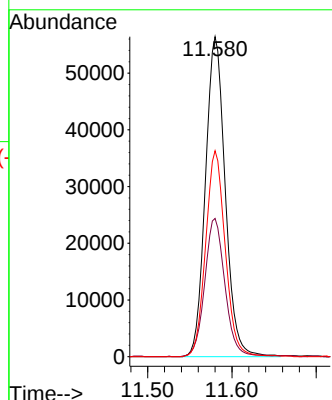
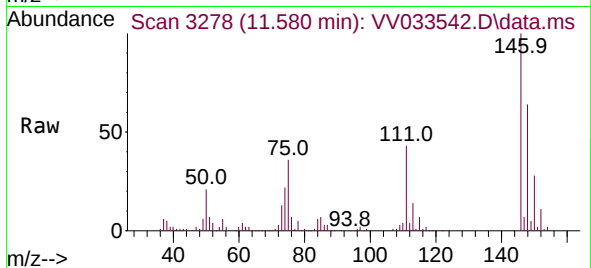
Tgt Ion:146 Resp: 92267

Ion Ratio Lower Upper

146 100

111 43.2 34.6 51.8

148 64.4 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.896 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV033542.D

Acq: 28 Dec 2023 11:03

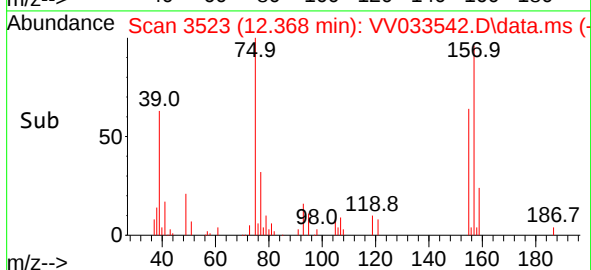
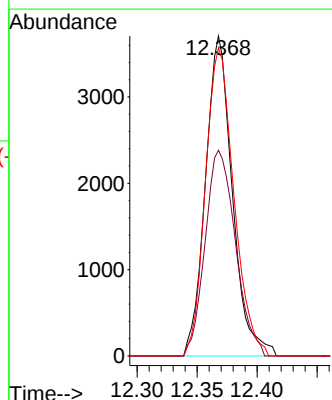
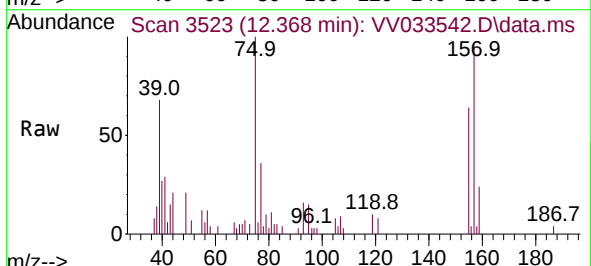
Tgt Ion: 75 Resp: 5785

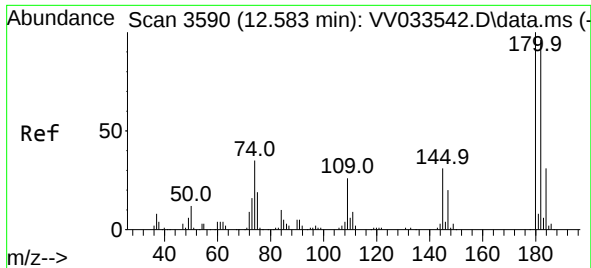
Ion Ratio Lower Upper

75 100

155 64.3 51.4 77.2

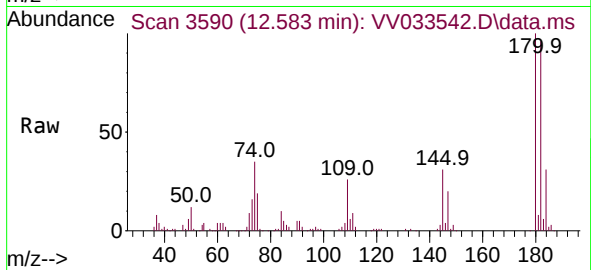
157 96.3 77.0 115.6



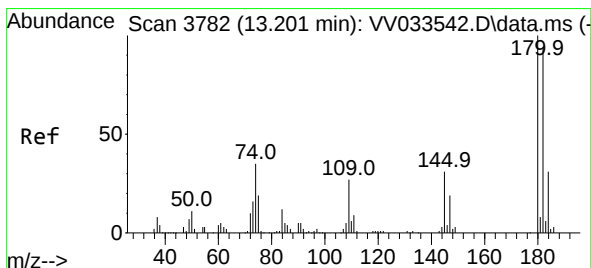
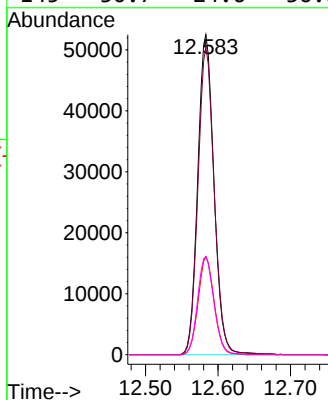
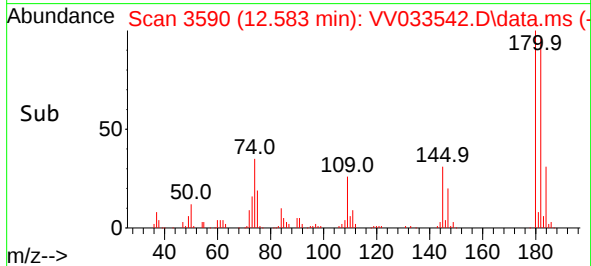


#69
 1,3,5-Trichlorobenzene
 Concen: 5.108 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. 0.000 min
 Lab File: VV033542.D
 Acq: 28 Dec 2023 11:03

Instrument :
 MSVOA_V
 ClientSampleId :

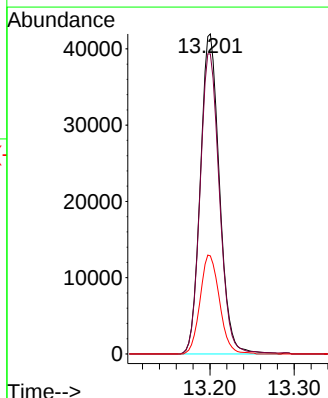
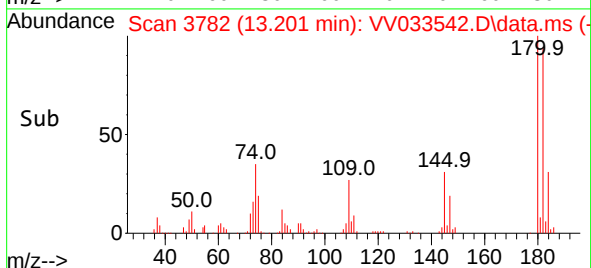
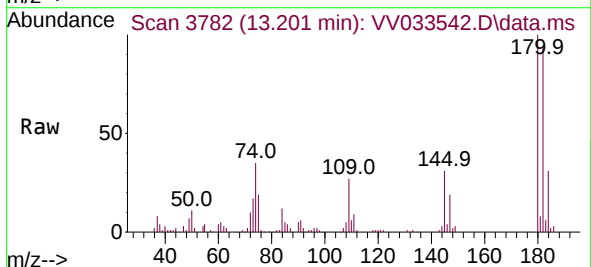


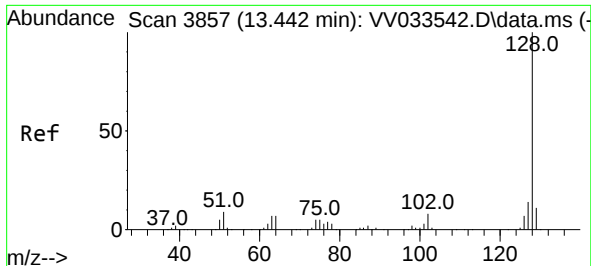
Tgt Ion:180	Resp:	81663
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.4 114.6
184	30.3	24.2 36.4
145	30.7	24.6 36.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.941 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV033542.D
 Acq: 28 Dec 2023 11:03

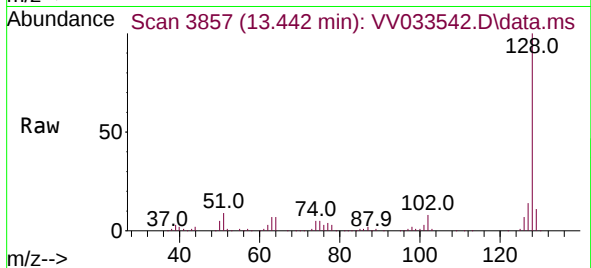
Tgt Ion:180	Resp:	66212
Ion Ratio	Lower	Upper
180	100	
182	95.1	76.1 114.1
145	31.4	25.1 37.7



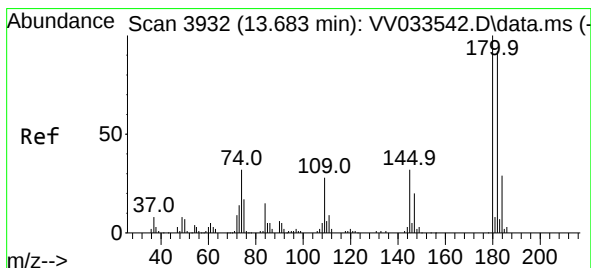
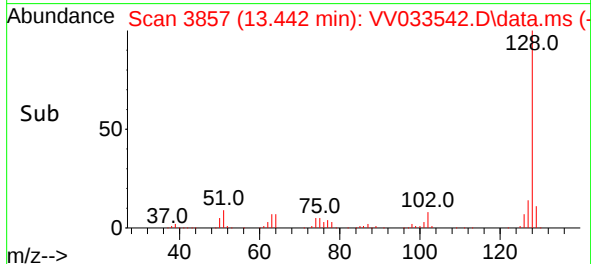
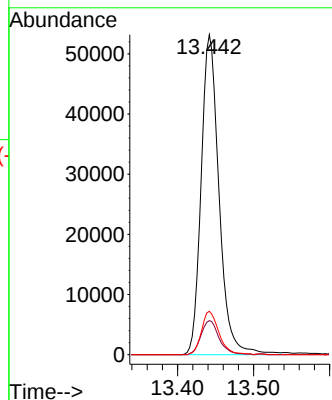


#71
Naphthalene
Concen: 4.650 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 86973
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.002 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.000 min
Lab File: VV033542.D
Acq: 28 Dec 2023 11:03

Tgt Ion:180 Resp: 52863
Ion Ratio Lower Upper
180 100
182 94.2 75.4 113.0
145 33.3 26.6 40.0

