

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122823\
 Data File : VW033543.D
 Acq On : 28 Dec 2023 11:27
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 29 02:41:24 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	128987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	120328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	62060	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	84262	10.422	ug/L	0.00
7) Chloroethane-d5	1.532	69	71249	10.401	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	34988	9.777	ug/L	0.00
20) 2-Butanone-d5	3.809	46	222480	111.055	ug/L	0.00
24) Chloroform-d	4.252	84	169419	10.331	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	81188	10.875	ug/L	0.00
32) Benzene-d6	4.960	84	325320	10.565	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	105313	10.886	ug/L	0.00
41) Toluene-d8	7.243	98	290978	10.680	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	40361	10.382	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	177770	114.818	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	67158	10.403	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	103877	10.444	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	116497	10.196	ug/L	99
3) Chloromethane	1.214	50	125414	10.213	ug/L	99
5) Vinyl chloride	1.281	62	122494	10.309	ug/L	99
6) Bromomethane	1.490	94	68351	10.226	ug/L	99
8) Chloroethane	1.552	64	75075	10.243	ug/L	100
9) Trichlorofluoromethane	1.716	101	147127	10.091	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	89417	10.150	ug/L	96
12) 1,1-Dichloroethene	2.069	96	82457	10.274	ug/L	98
13) Acetone	2.143	43	150580	83.086	ug/L	87
14) Carbon disulfide	2.240	76	255598	10.482	ug/L	97
15) Methyl Acetate	2.388	43	37250	8.256	ug/L #	89
16) Methylene chloride	2.449	84	96677	9.697	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	231326	10.453	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	93065	10.424	ug/L	98
19) 1,1-Dichloroethane	3.114	63	203237	10.457	ug/L	99
21) 2-Butanone	3.889	43	242336	103.244	ug/L #	58
22) cis-1,2-Dichloroethene	3.815	96	107575	10.619	ug/L	99
23) Bromochloromethane	4.150	128	40931	10.474	ug/L	97
25) Chloroform	4.278	83	190868	10.482	ug/L	99
27) 1,2-Dichloroethane	5.043	62	112626	10.649	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	165899	10.277	ug/L	99
30) Cyclohexane	4.584	56	176918	10.218	ug/L	99
31) Carbon tetrachloride	4.735	117	136780	10.361	ug/L	99
33) Benzene	5.011	78	410095	10.485	ug/L	100
34) Trichloroethene	5.834	95	109923	10.409	ug/L	99
35) Methylcyclohexane	6.050	83	172594	10.294	ug/L	98
37) 1,2-Dichloropropane	6.092	63	111417	10.730	ug/L	100
38) Bromodichloromethane	6.432	83	135560	10.610	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	169121	10.832	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	617366	110.367	ug/L	98
42) Toluene	7.317	91	434275	10.376	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	131509	10.824	ug/L	98

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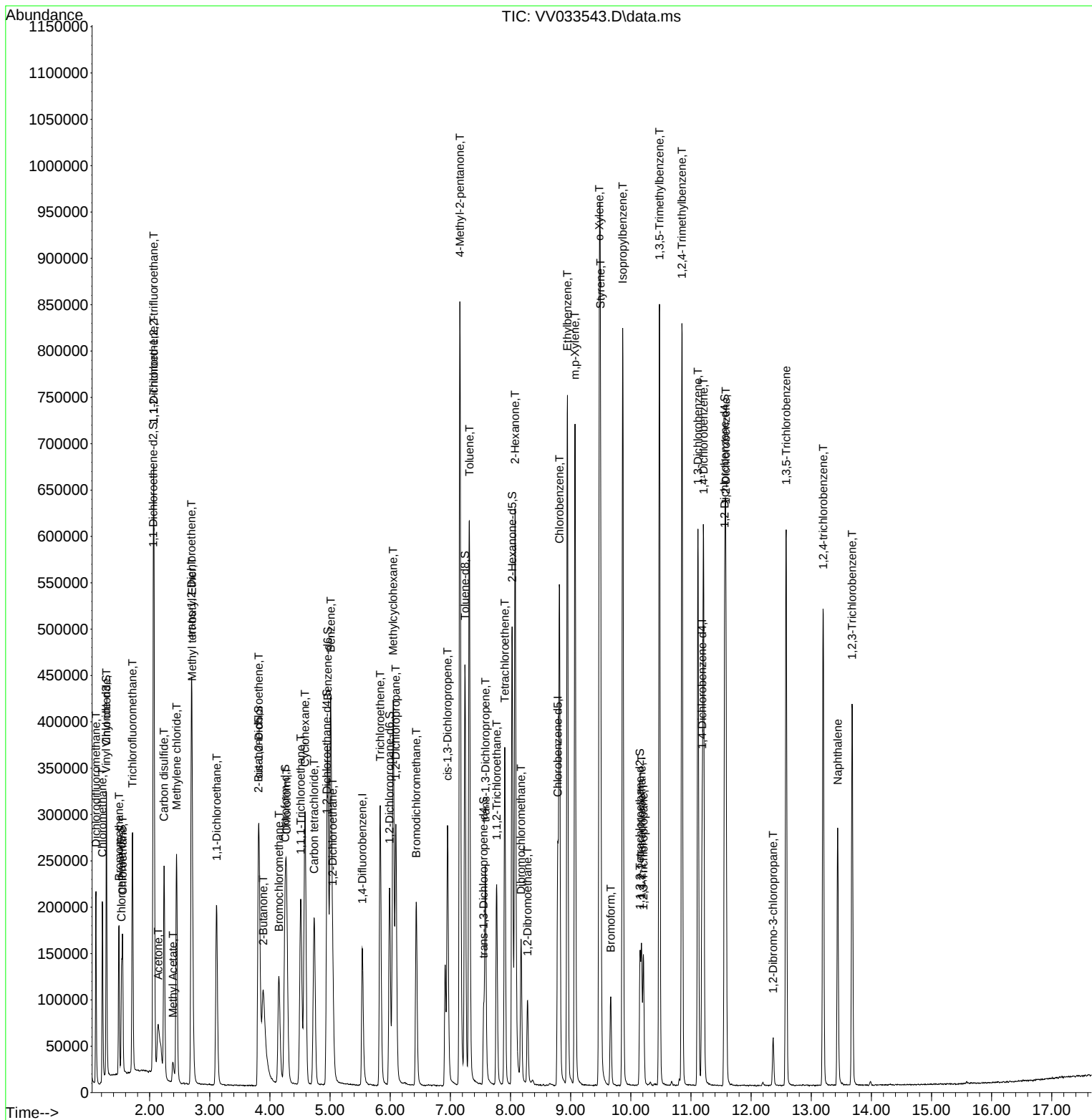
Quant Time: Dec 29 02:41:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 02:38:27 2023
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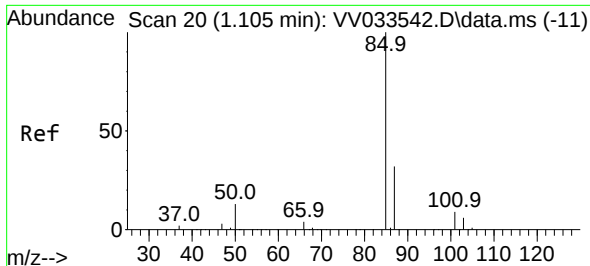
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	67030	10.719	ug/L	96
47) Tetrachloroethene	7.905	164	77470	10.418	ug/L	97
48) 2-Hexanone	8.075	43	434668	106.967	ug/L	98
49) Dibromochloromethane	8.175	129	76765	10.486	ug/L	99
50) 1,2-Dibromoethane	8.284	107	61210	10.493	ug/L	100
51) Chlorobenzene	8.815	112	274643	10.476	ug/L	99
52) Ethylbenzene	8.947	91	506582	10.298	ug/L	99
53) m,p-Xylene	9.072	106	187919	10.326	ug/L	96
54) o-Xylene	9.477	106	184853	10.467	ug/L	99
55) Styrene	9.497	104	314599	10.622	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	73455	10.616	ug/L	99
59) Bromoform	9.667	173	42166	10.772	ug/L	97
60) Isopropylbenzene	9.866	105	512261	10.333	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	55904	10.907	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	431252	10.377	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	431536	10.491	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	222085	10.546	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	218005	10.147	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	195732	10.559	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	13709	11.420	ug/L #	90
69) 1,3,5-Trichlorobenzene	12.583	180	172468	10.620	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	145241	10.668	ug/L	99
71) Naphthalene	13.442	128	207085	10.900	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	116956	10.893	ug/L	100

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

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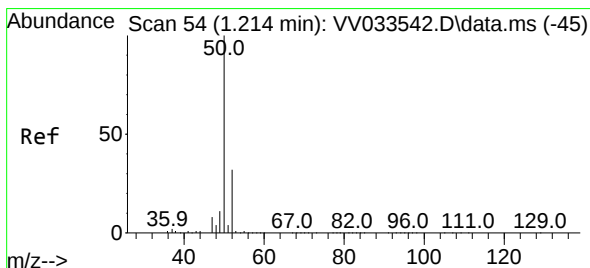
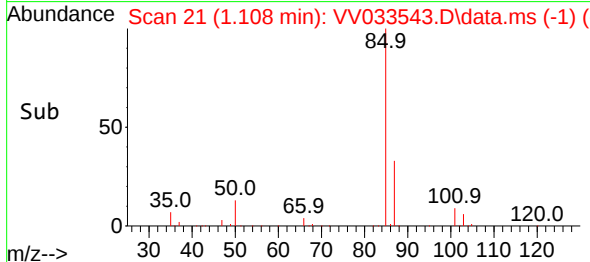
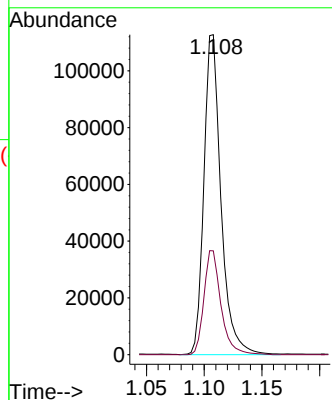
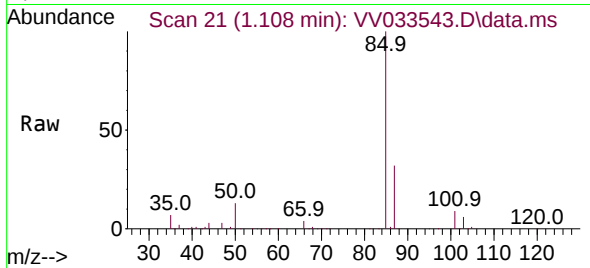




#2
Dichlorodifluoromethane
Concen: 10.196 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

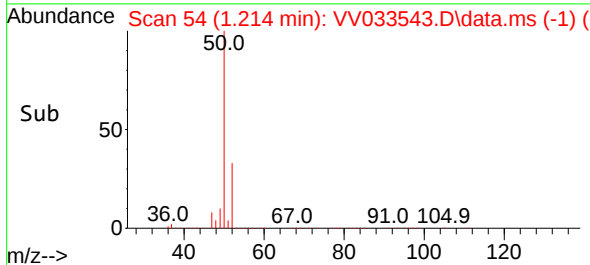
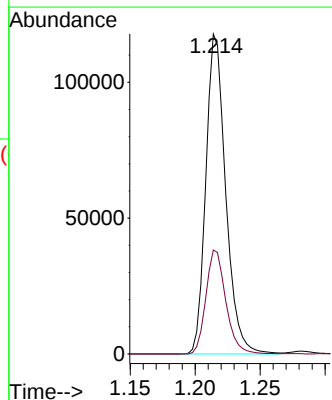
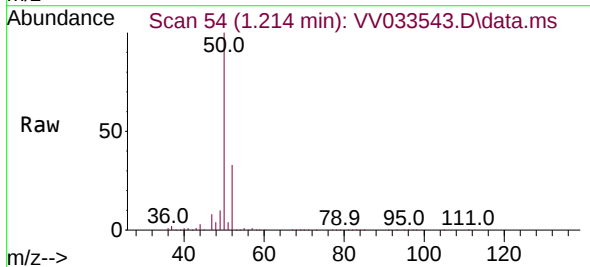
Instrument :
MSVOA_V
ClientSampleId :

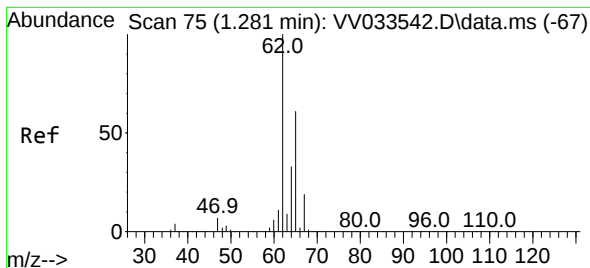
Tgt Ion: 85 Resp: 116497
Ion Ratio Lower Upper
85 100
87 32.4 25.6 38.4



#3
Chloromethane
Concen: 10.213 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

Tgt Ion: 50 Resp: 125414
Ion Ratio Lower Upper
50 100
52 32.5 22.5 41.9





#5

Vinyl chloride

Concen: 10.309 ug/L

RT: 1.281 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

Instrument :

MSVOA_V

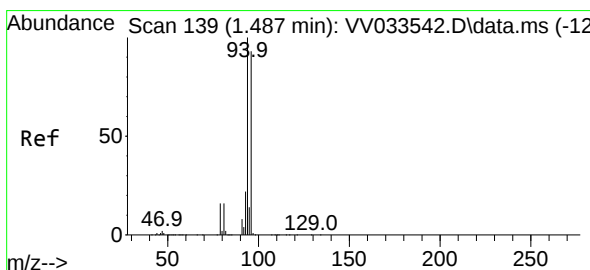
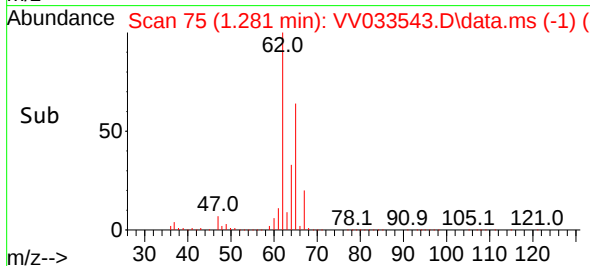
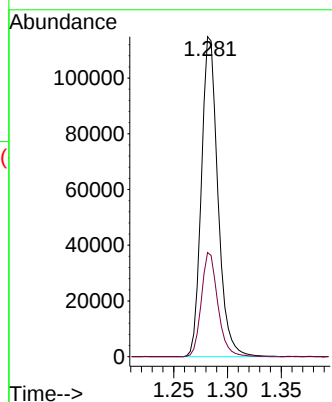
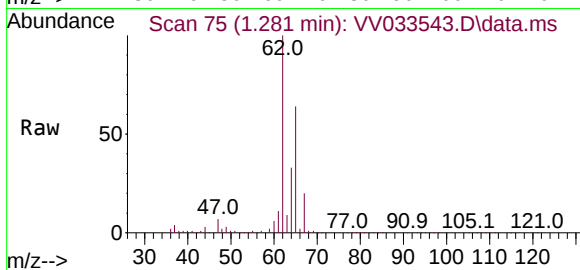
ClientSampleId :

Tgt Ion: 62 Resp: 122494

Ion Ratio Lower Upper

62 100

64 32.5 23.3 43.3



#6

Bromomethane

Concen: 10.226 ug/L

RT: 1.490 min Scan# 140

Delta R.T. 0.003 min

Lab File: VV033543.D

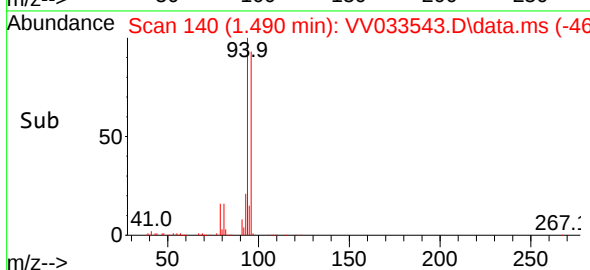
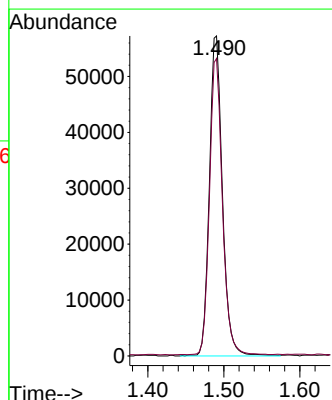
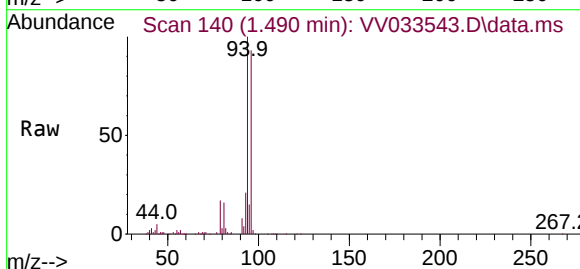
Acq: 28 Dec 2023 11:27

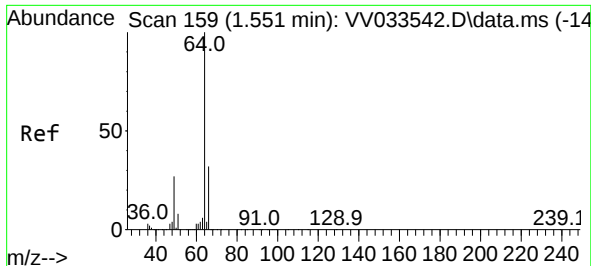
Tgt Ion: 94 Resp: 68351

Ion Ratio Lower Upper

94 100

96 93.0 66.1 122.7

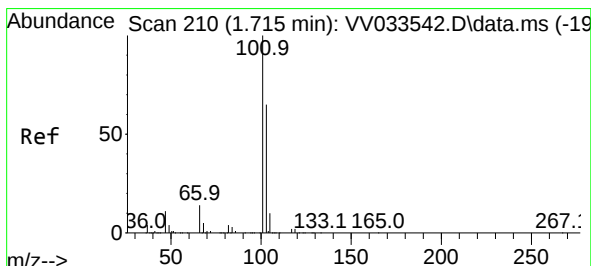
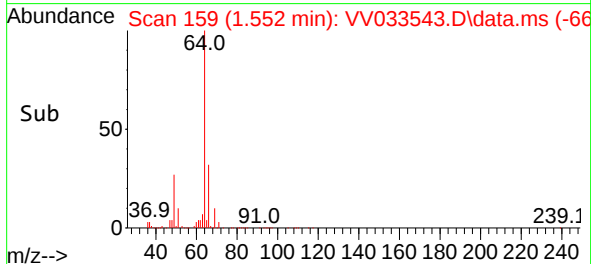
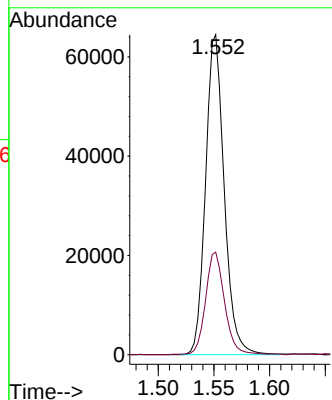
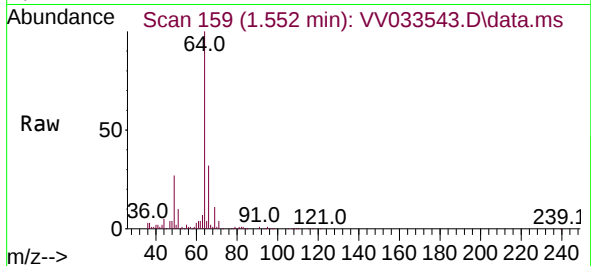




#8
Chloroethane
Concen: 10.243 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

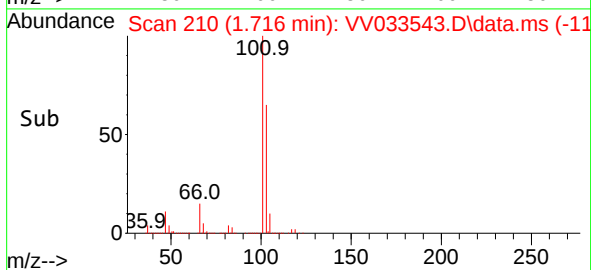
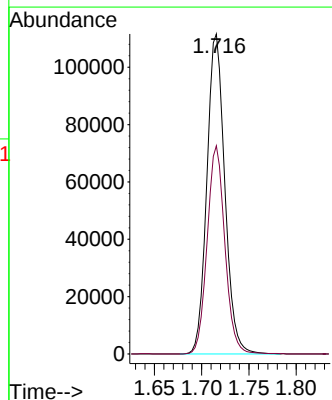
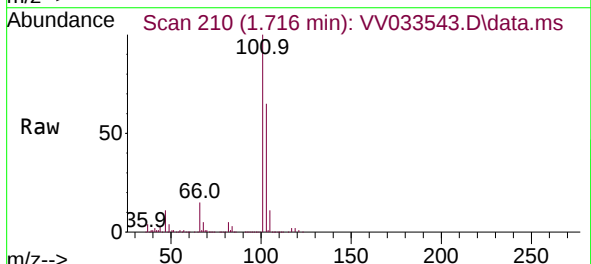
Instrument :
MSVOA_V
ClientSampleId :

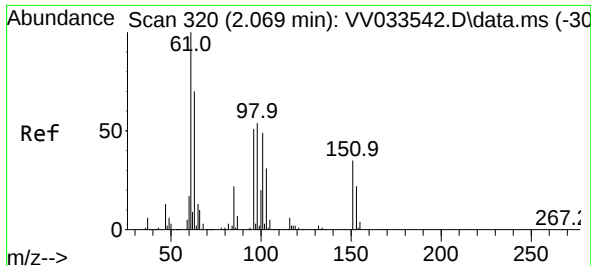
Tgt Ion: 64 Resp: 75075
Ion Ratio Lower Upper
64 100
66 32.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 10.091 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

Tgt Ion: 101 Resp: 147127
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.2





#10

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

Concen: 10.150 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

Instrument :

MSVOA_V

ClientSampleId :

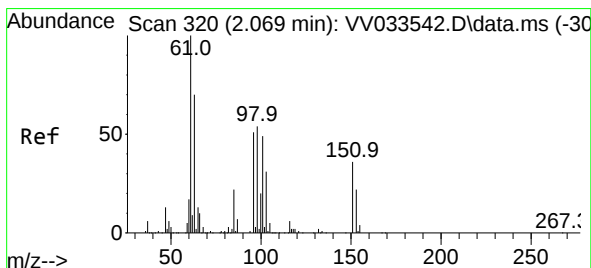
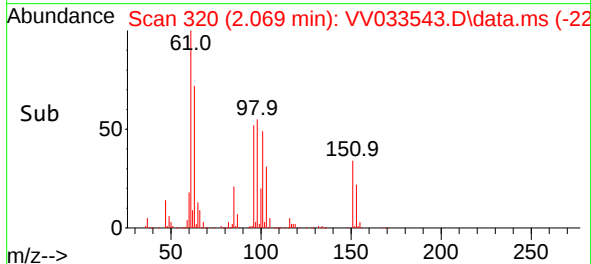
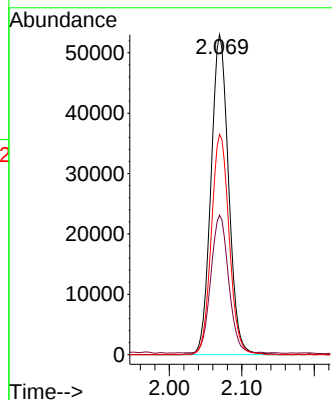
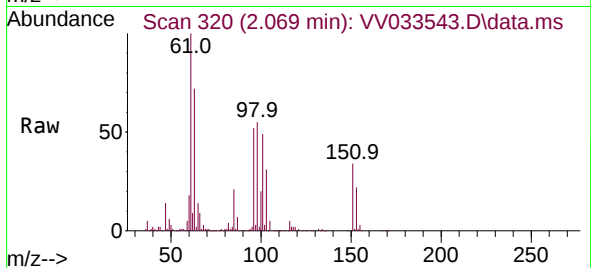
Tgt Ion:101 Resp: 89417

Ion Ratio Lower Upper

101 100

85 43.2 36.9 55.3

151 69.6 58.0 87.0



#12

1,1-Dichloroethene

Concen: 10.274 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

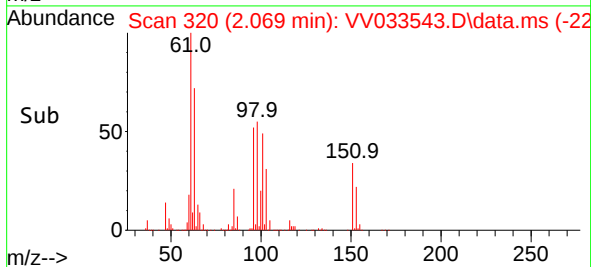
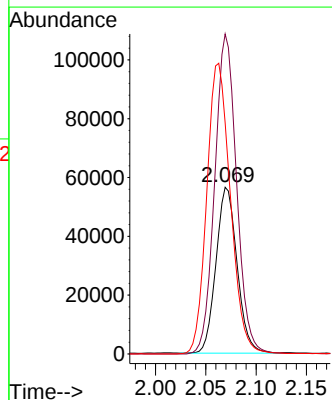
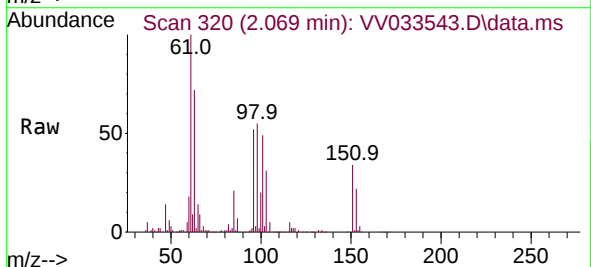
Tgt Ion: 96 Resp: 82457

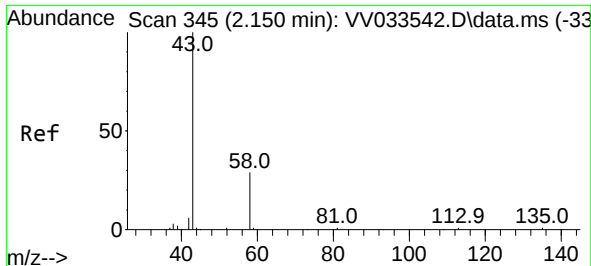
Ion Ratio Lower Upper

96 100

61 191.8 135.9 252.5

63 138.5 95.3 176.9





#13

Acetone

Concen: 83.086 ug/L

RT: 2.143 min Scan# 345

Delta R.T. -0.006 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

Instrument :

MSVOA_V

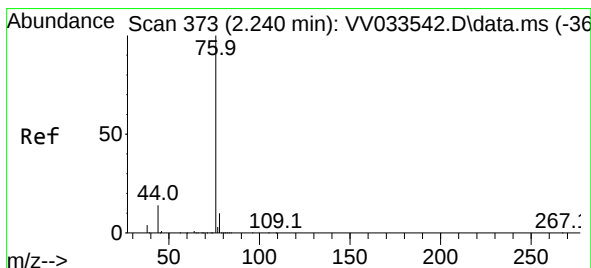
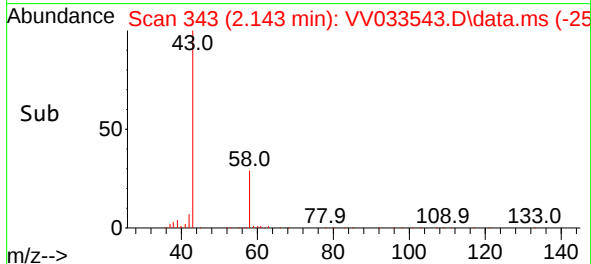
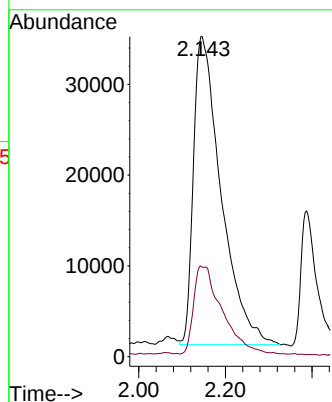
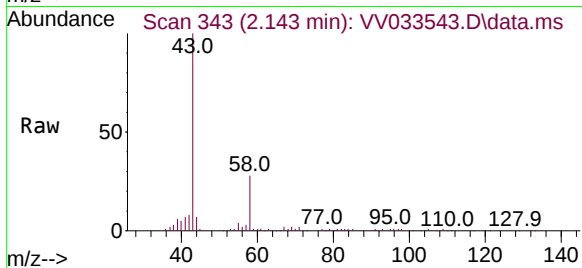
ClientSampleId :

Tgt Ion: 43 Resp: 150580

Ion Ratio Lower Upper

43 100

58 29.2 0.0 45.8



#14

Carbon disulfide

Concen: 10.482 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV033543.D

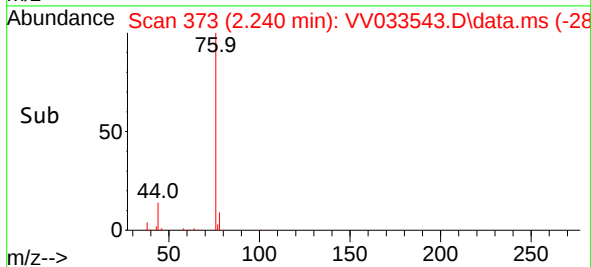
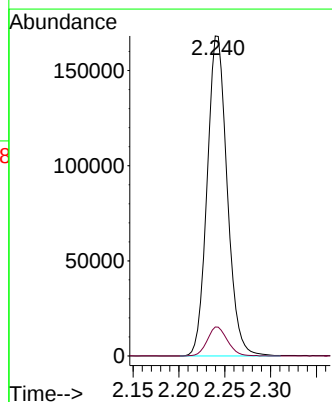
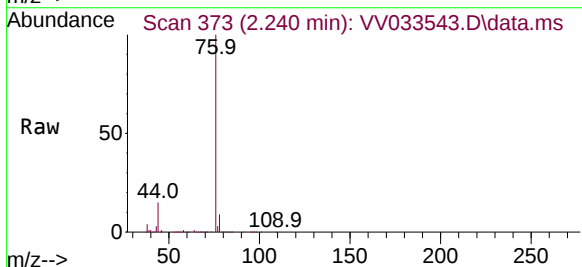
Acq: 28 Dec 2023 11:27

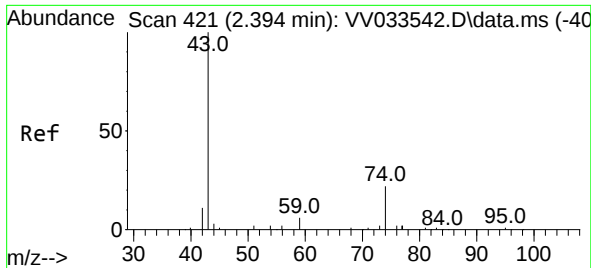
Tgt Ion: 76 Resp: 255598

Ion Ratio Lower Upper

76 100

78 9.1 8.1 12.1

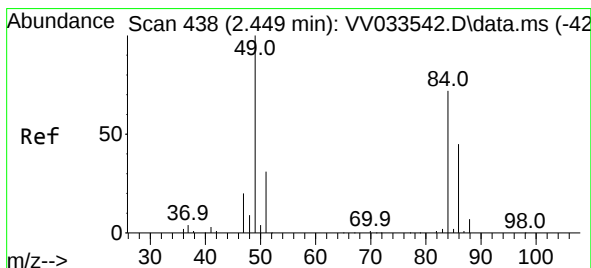
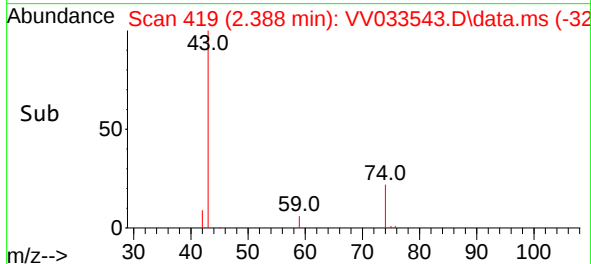
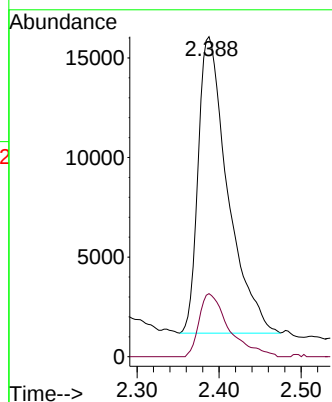
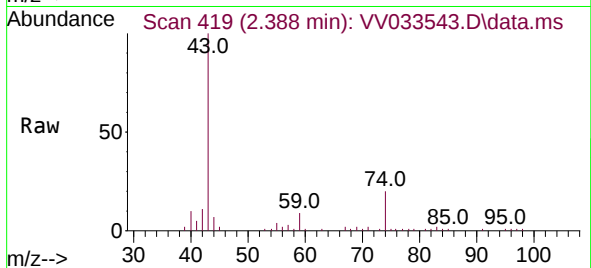




#15
Methyl Acetate
Concen: 8.256 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.006 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

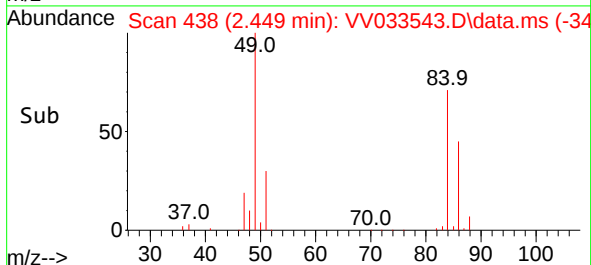
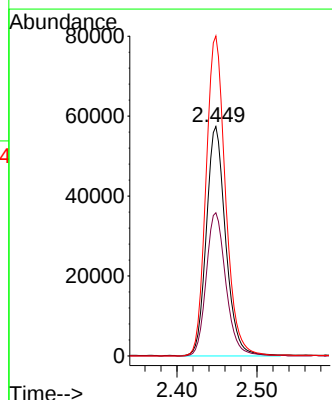
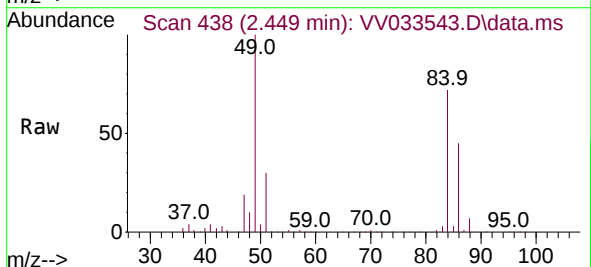
Instrument :
MSVOA_V
ClientSampleId :

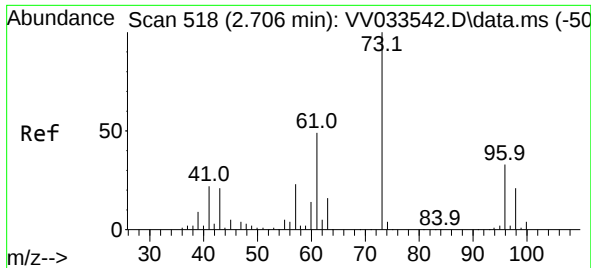
Tgt Ion: 43 Resp: 37250
Ion Ratio Lower Upper
43 100
74 21.6 13.5 20.3#



#16
Methylene chloride
Concen: 9.697 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

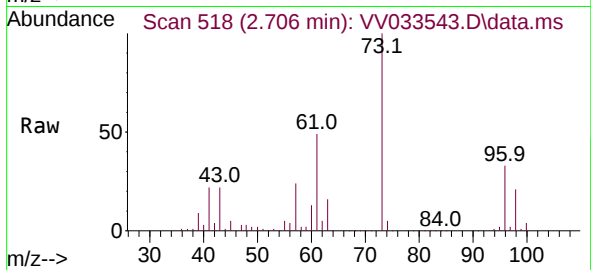
Tgt Ion: 84 Resp: 96677
Ion Ratio Lower Upper
84 100
86 62.5 43.8 81.3
49 139.5 97.4 180.8



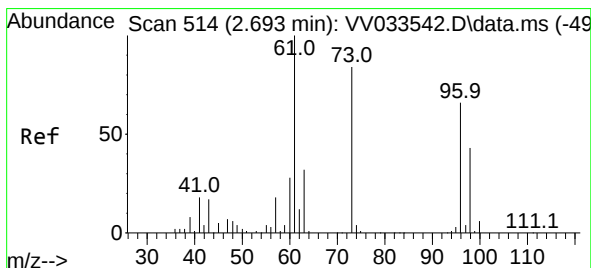
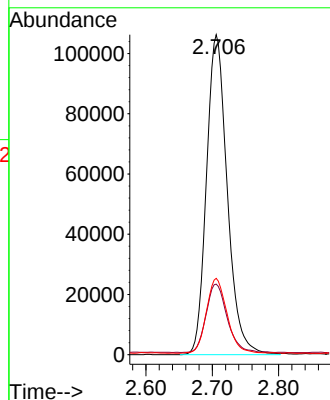
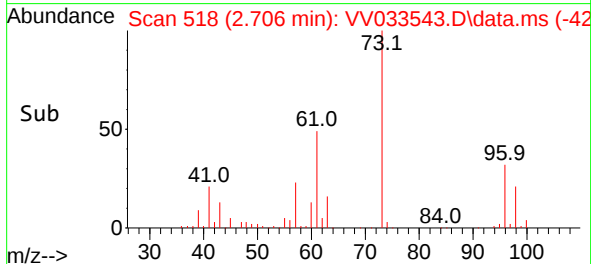


#17
Methyl tert-butyl Ether
Concen: 10.453 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

Instrument :
MSVOA_V
ClientSampleId :

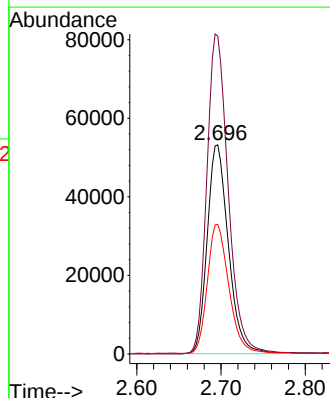
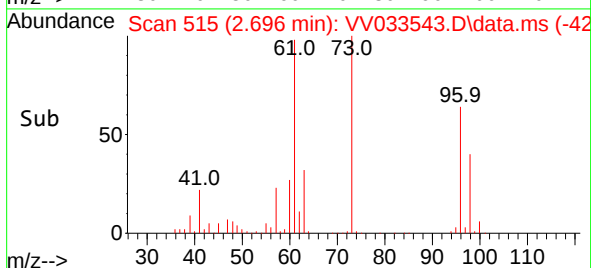
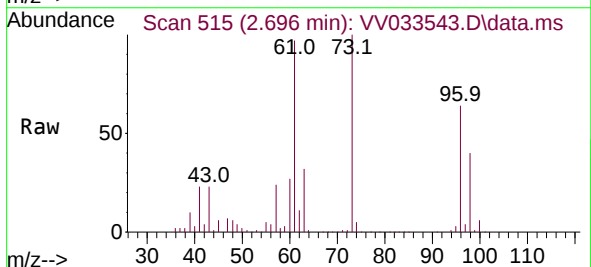


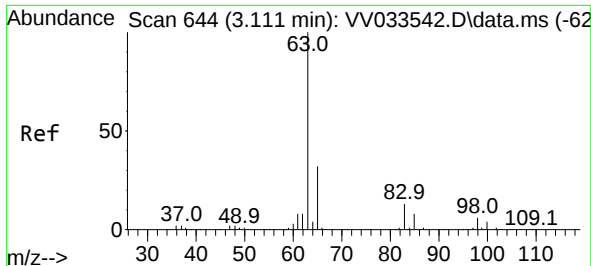
Tgt Ion: 73 Resp: 231326
Ion Ratio Lower Upper
73 100
43 21.5 16.5 24.7
57 23.2 18.1 27.1



#18
trans-1,2-Dichloroethene
Concen: 10.424 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

Tgt Ion: 96 Resp: 93065
Ion Ratio Lower Upper
96 100
61 152.0 106.0 196.9
98 62.0 46.1 85.7





#19

1,1-Dichloroethane

Concen: 10.457 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

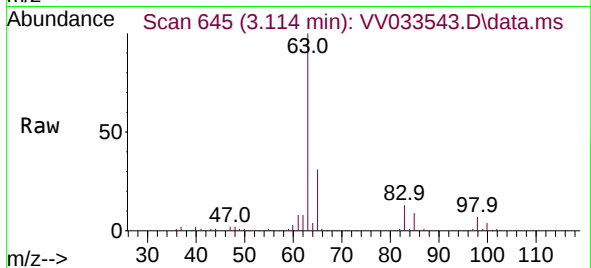
Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

Instrument :

MSVOA_V

ClientSampleId :



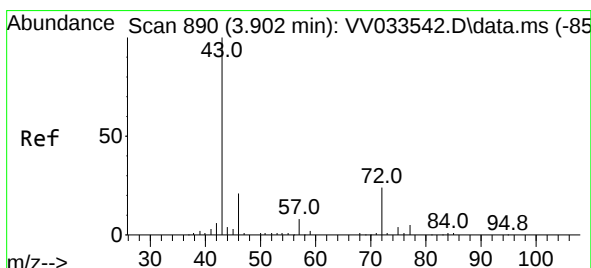
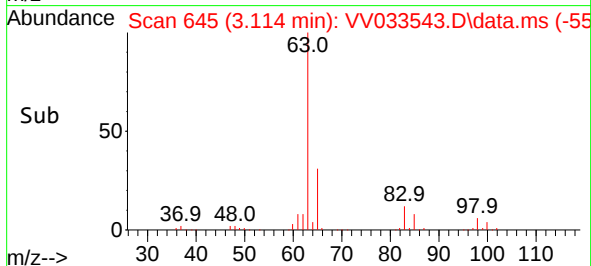
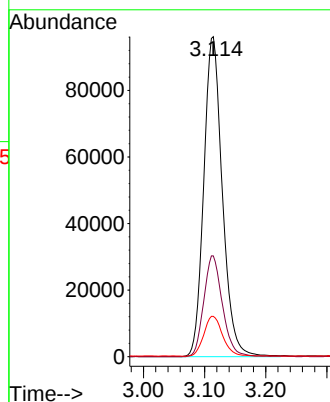
Tgt Ion: 63 Resp: 203237

Ion Ratio Lower Upper

63 100

65 31.5 22.3 41.5

83 12.6 9.3 17.3



#21

2-Butanone

Concen: 103.244 ug/L

RT: 3.889 min Scan# 886

Delta R.T. -0.013 min

Lab File: VV033543.D

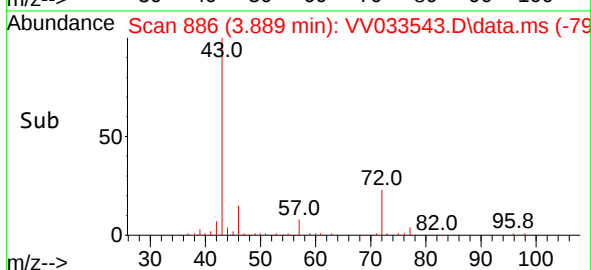
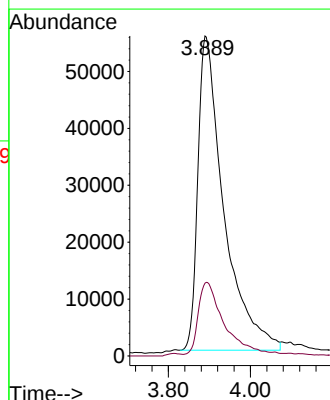
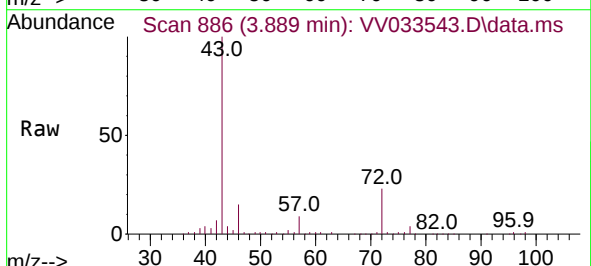
Acq: 28 Dec 2023 11:27

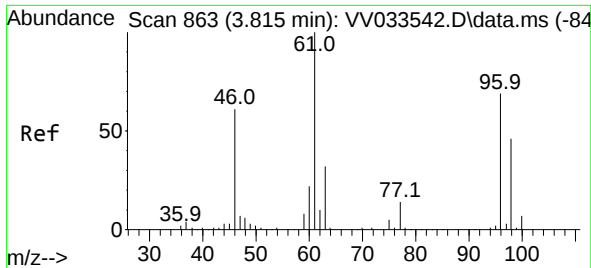
Tgt Ion: 43 Resp: 242336

Ion Ratio Lower Upper

43 100

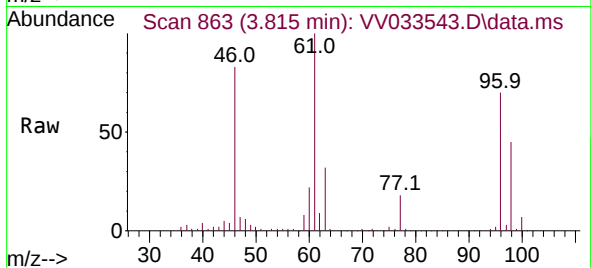
72 22.7 4.0 12.0#



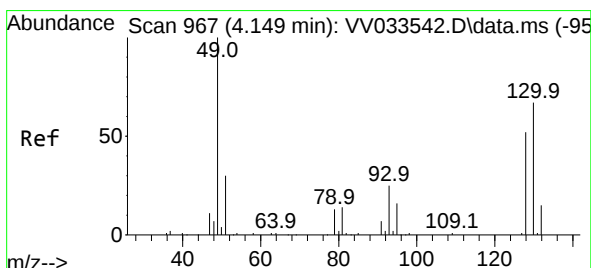
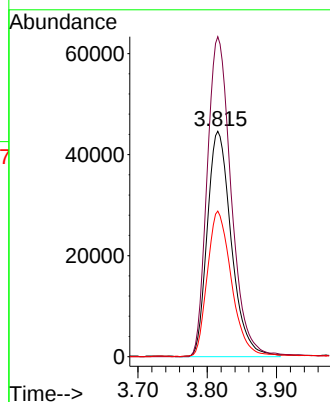
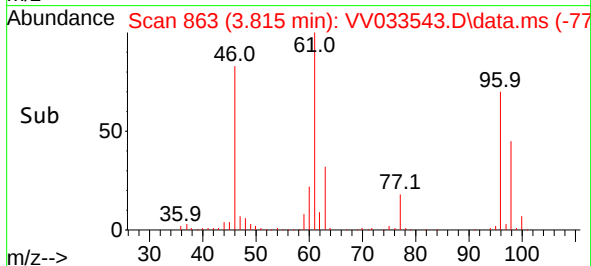


#22
 cis-1,2-Dichloroethene
 Concen: 10.619 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV033543.D
 Acq: 28 Dec 2023 11:27

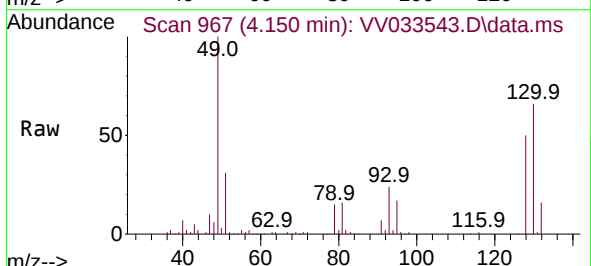
Instrument :
 MSVOA_V
 ClientSampleId :



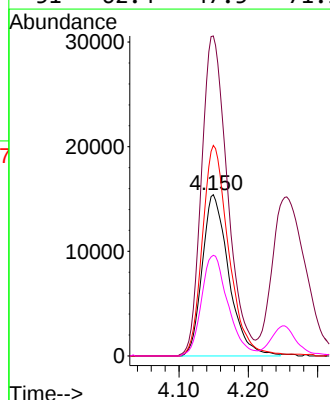
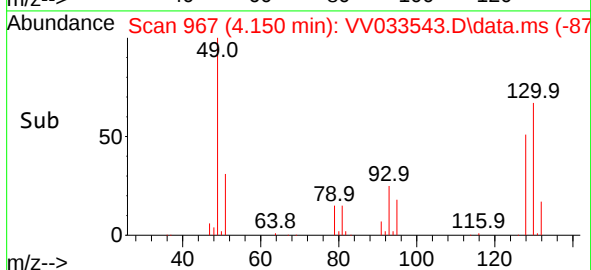
Tgt Ion: 96 Resp: 107575
 Ion Ratio Lower Upper
 96 100
 61 142.0 100.6 186.8
 98 64.6 45.8 85.2

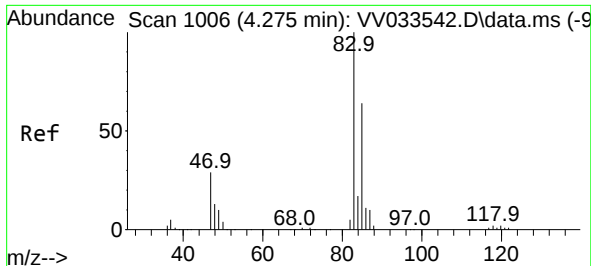


#23
 Bromochloromethane
 Concen: 10.474 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VV033543.D
 Acq: 28 Dec 2023 11:27



Tgt Ion: 128 Resp: 40931
 Ion Ratio Lower Upper
 128 100
 49 198.3 135.2 251.0
 130 130.5 89.9 167.0
 51 62.4 47.5 71.3





#25

Chloroform

Concen: 10.482 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

Instrument :

MSVOA_V

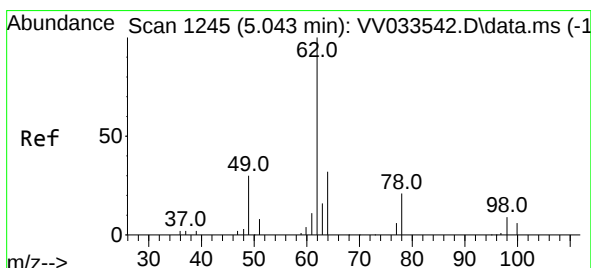
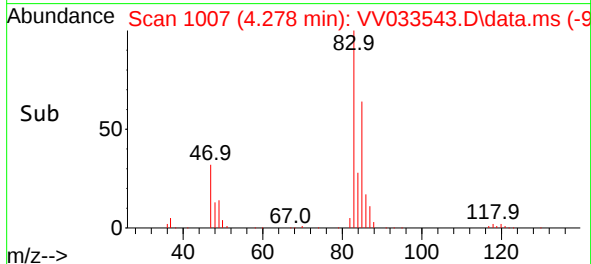
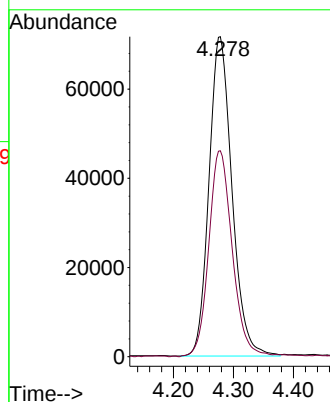
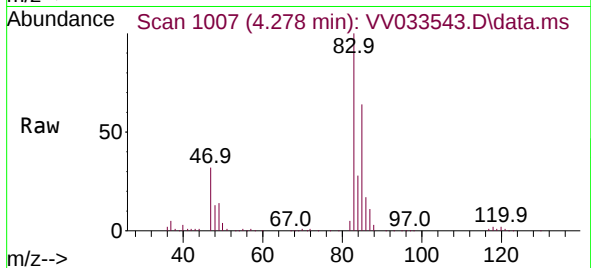
ClientSampleId :

Tgt Ion: 83 Resp: 190868

Ion Ratio Lower Upper

83 100

85 64.4 45.4 84.2



#27

1,2-Dichloroethane

Concen: 10.649 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV033543.D

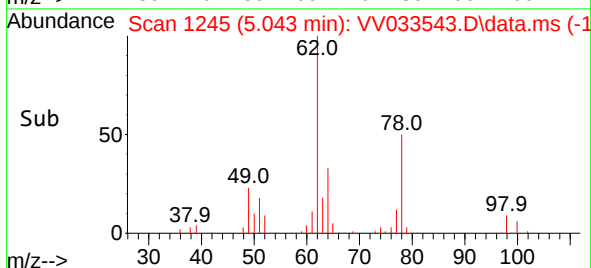
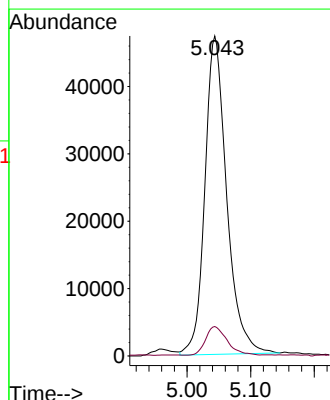
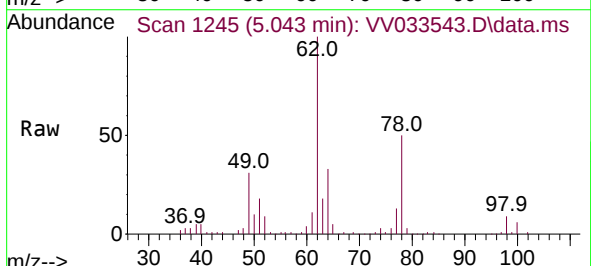
Acq: 28 Dec 2023 11:27

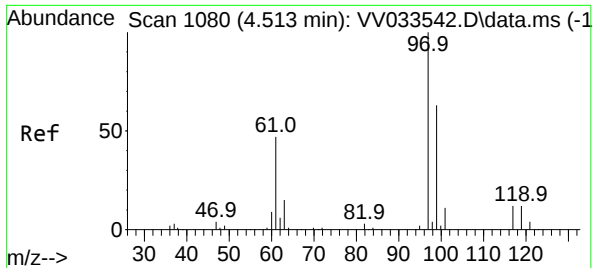
Tgt Ion: 62 Resp: 112626

Ion Ratio Lower Upper

62 100

98 9.2 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 10.277 ug/L

RT: 4.513 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

Instrument :

MSVOA_V

ClientSampleId :

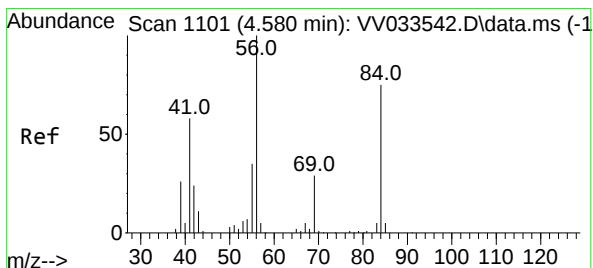
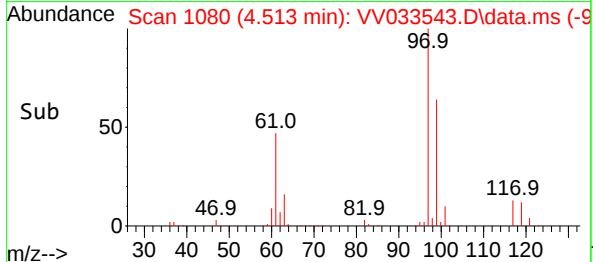
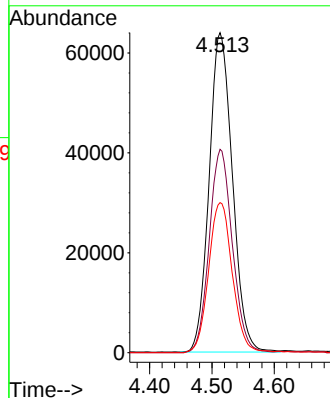
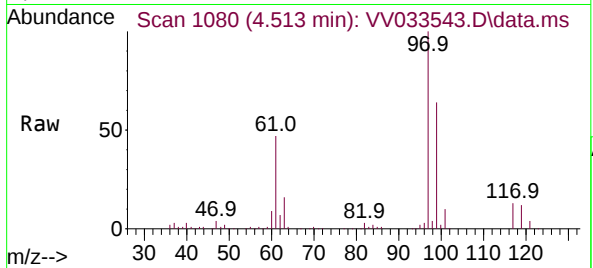
Tgt Ion: 97 Resp: 165899

Ion Ratio Lower Upper

97 100

99 63.3 51.9 77.9

61 47.8 38.6 57.8



#30

Cyclohexane

Concen: 10.218 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

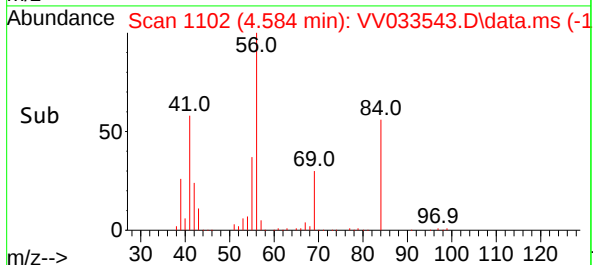
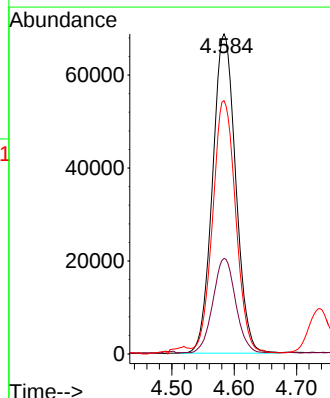
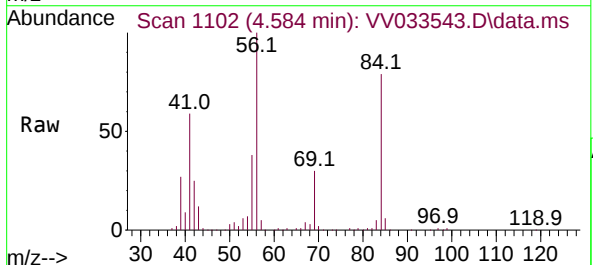
Tgt Ion: 56 Resp: 176918

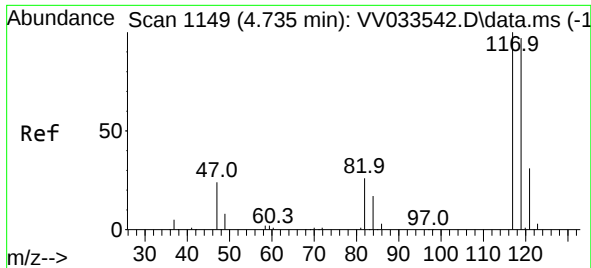
Ion Ratio Lower Upper

56 100

69 28.9 23.8 35.6

84 79.5 63.0 94.6

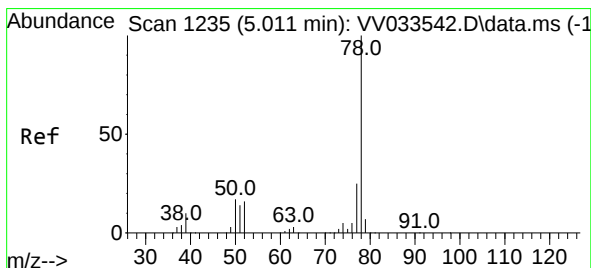
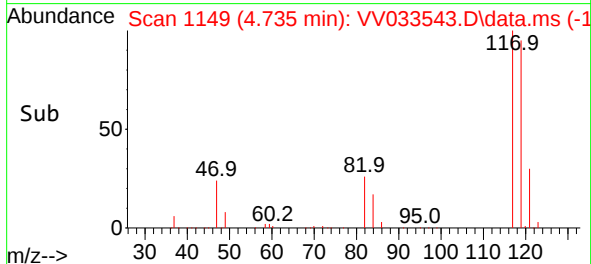
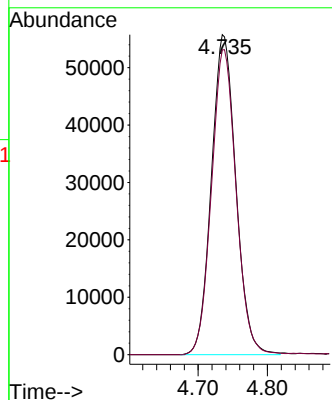
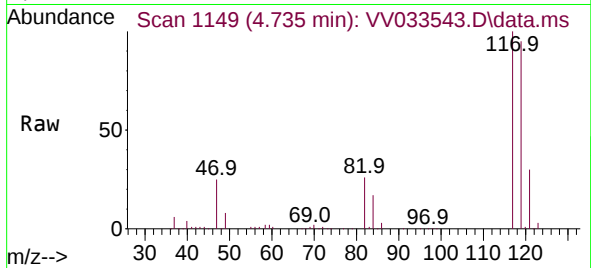




#31
Carbon tetrachloride
Concen: 10.361 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

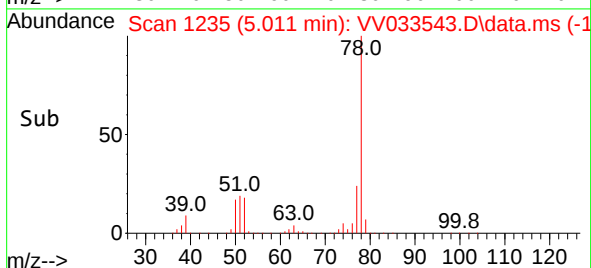
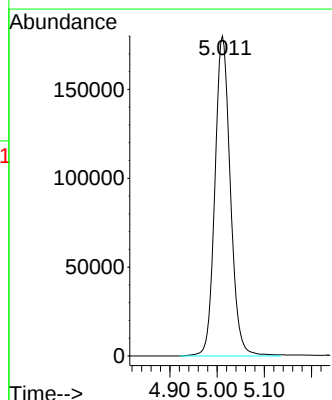
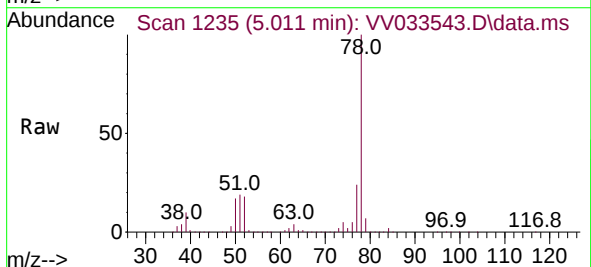
Instrument :
MSVOA_V
ClientSampleId :

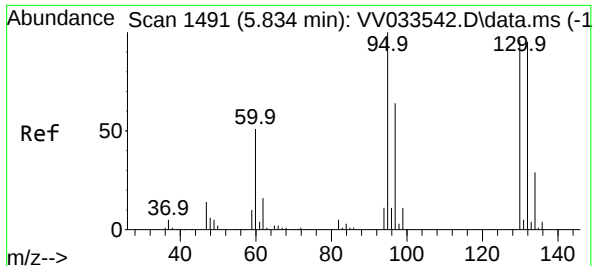
Tgt Ion:117 Resp: 136780
Ion Ratio Lower Upper
117 100
119 96.0 77.3 115.9



#33
Benzene
Concen: 10.485 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

Tgt Ion: 78 Resp: 410095

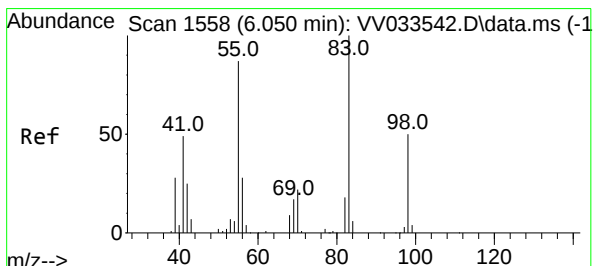
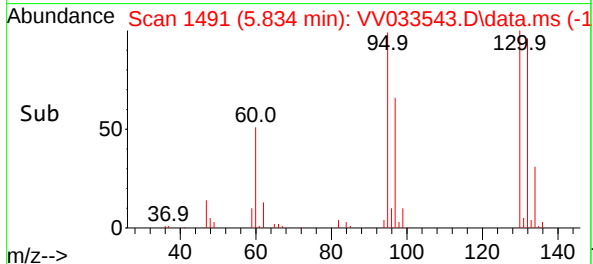
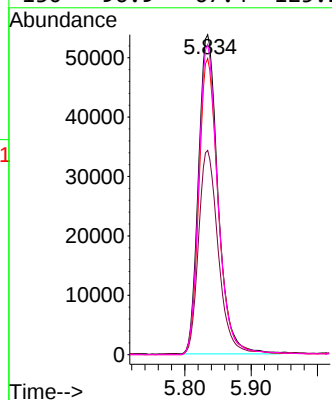
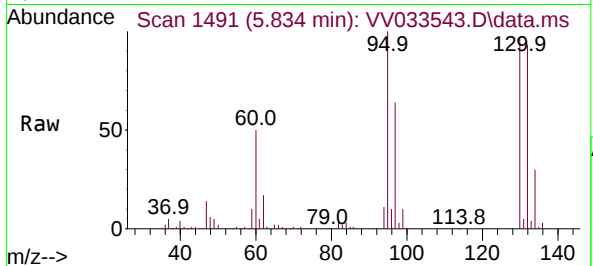




#34
Trichloroethene
Concen: 10.409 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

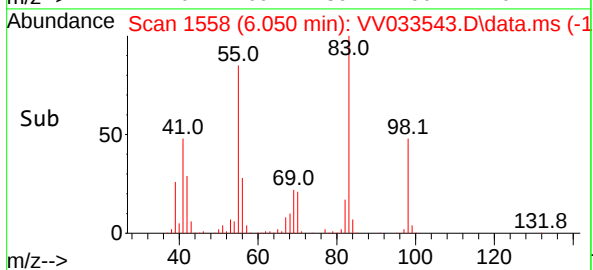
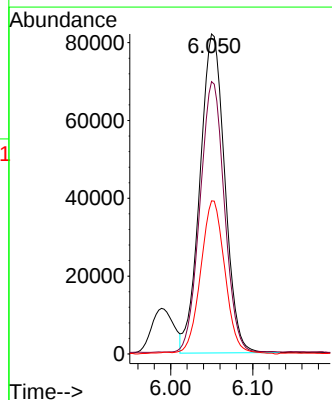
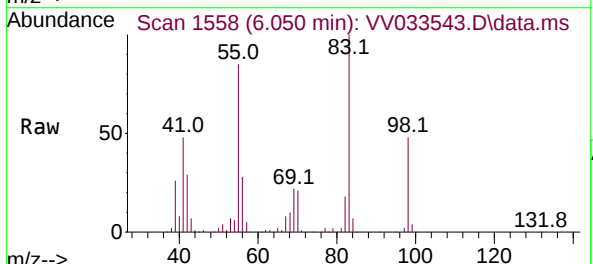
Instrument :
MSVOA_V
ClientSampleId :

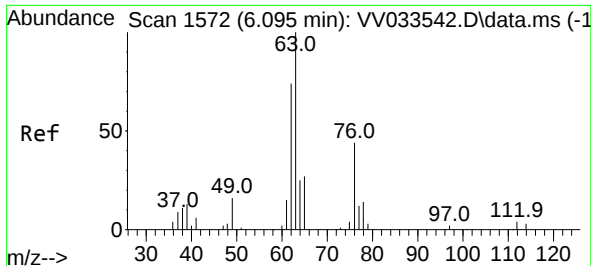
Tgt Ion: 95 Resp: 109923
Ion Ratio Lower Upper
95 100
97 63.9 45.5 84.5
132 92.6 66.3 123.1
130 96.9 67.4 125.2



#35
Methylcyclohexane
Concen: 10.294 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

Tgt Ion: 83 Resp: 172594
Ion Ratio Lower Upper
83 100
55 83.0 67.7 101.5
98 46.9 38.2 57.2





#37

1,2-Dichloropropane

Concen: 10.730 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

Instrument :

MSVOA_V

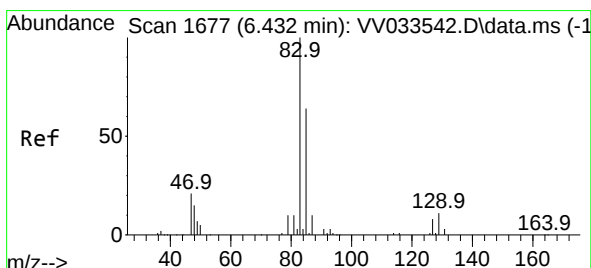
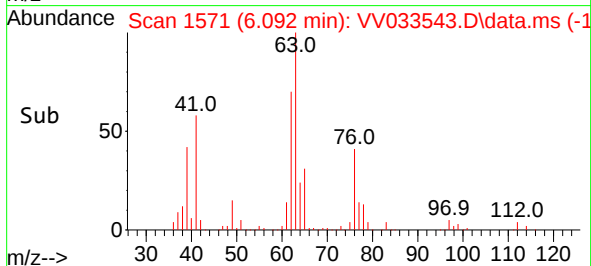
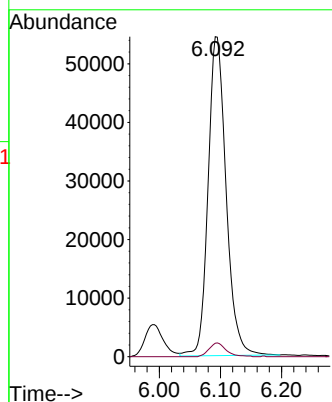
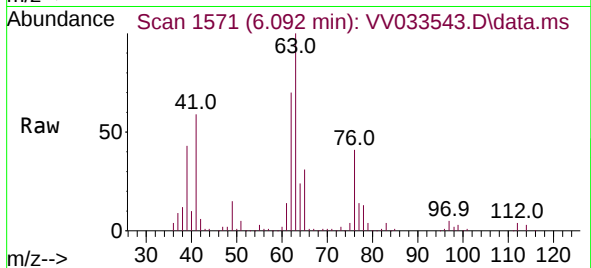
ClientSampleId :

Tgt Ion: 63 Resp: 111417

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 10.610 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

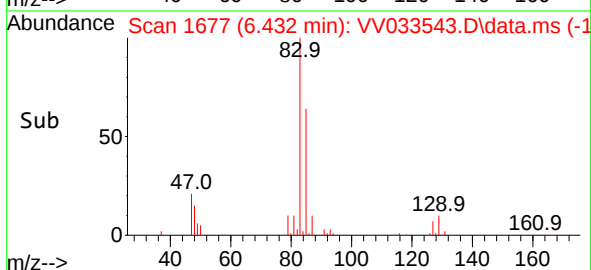
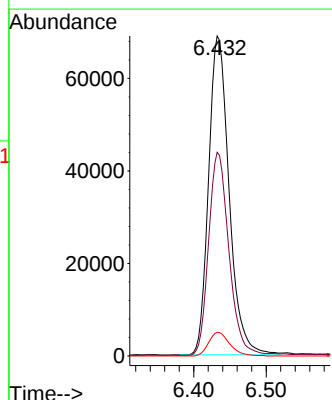
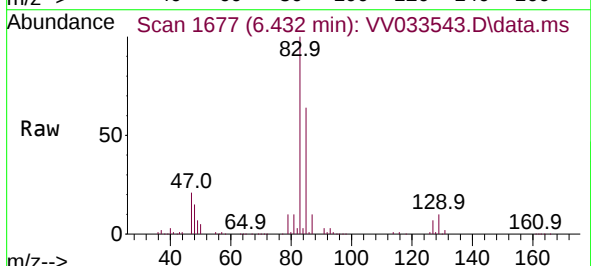
Tgt Ion: 83 Resp: 135560

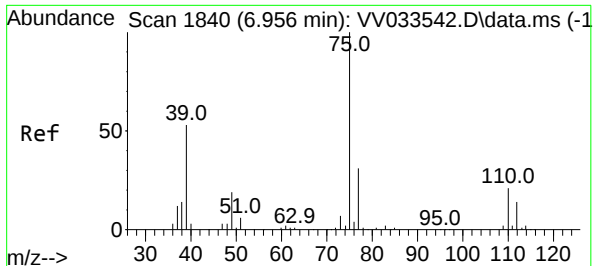
Ion Ratio Lower Upper

83 100

85 63.6 44.6 82.8

127 7.4 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 10.832 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

Instrument :

MSVOA_V

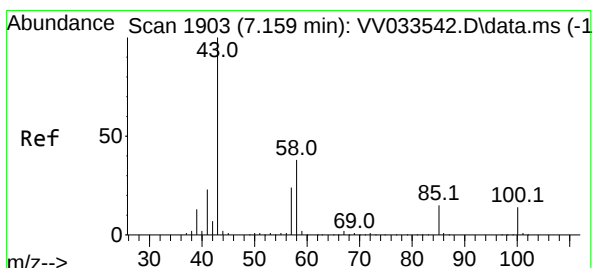
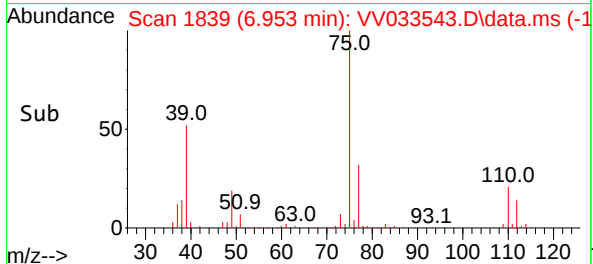
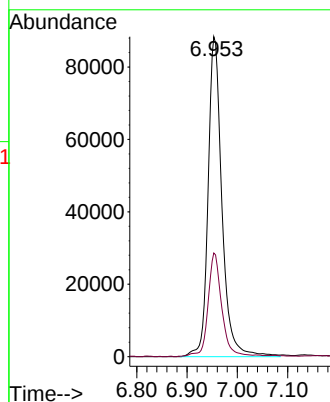
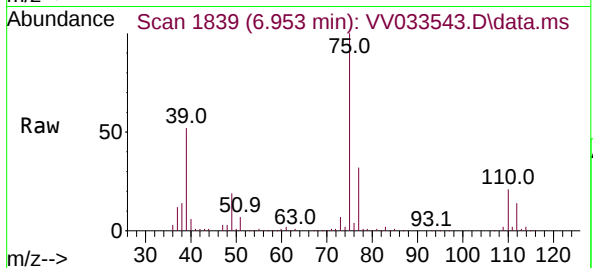
ClientSampleId :

Tgt Ion: 75 Resp: 169121

Ion Ratio Lower Upper

75 100

77 32.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 110.367 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

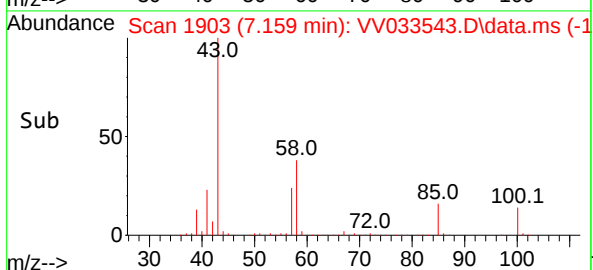
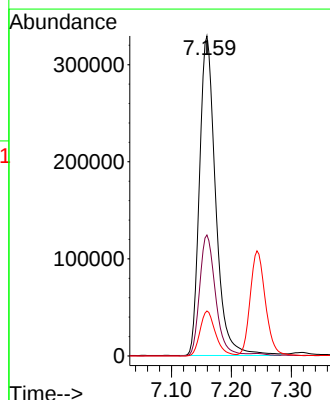
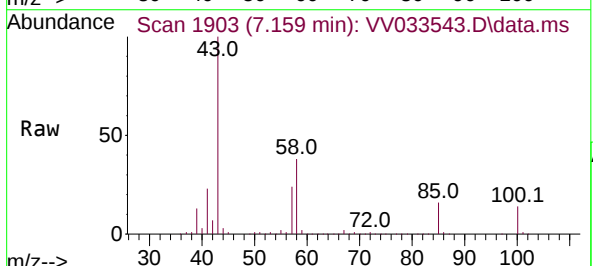
Tgt Ion: 43 Resp: 617366

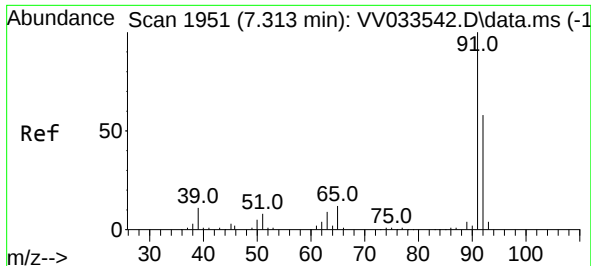
Ion Ratio Lower Upper

43 100

58 37.4 31.4 47.0

100 13.5 10.5 15.7





#42

Toluene

Concen: 10.376 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

Instrument :

MSVOA_V

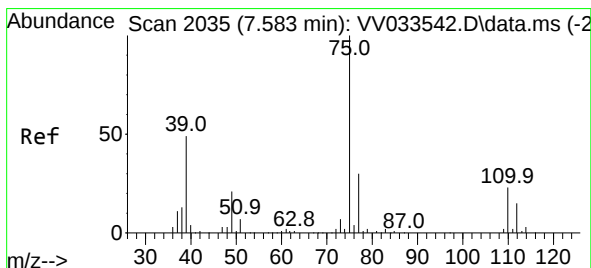
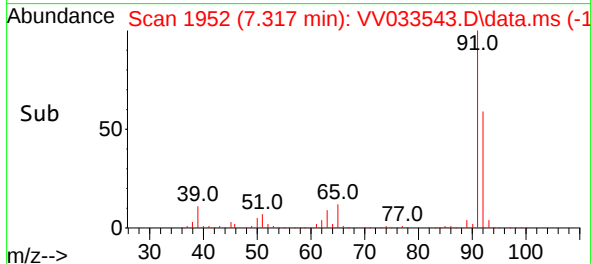
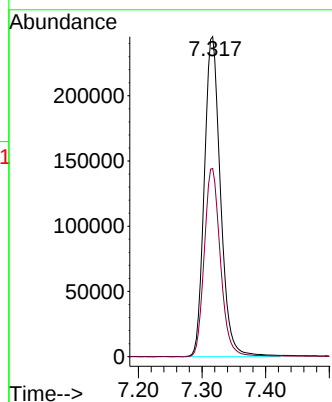
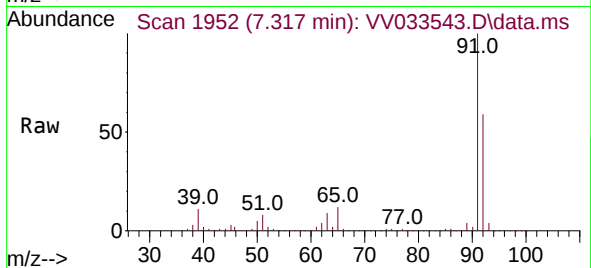
ClientSampleId :

Tgt Ion: 91 Resp: 434275

Ion Ratio Lower Upper

91 100

92 58.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 10.824 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV033543.D

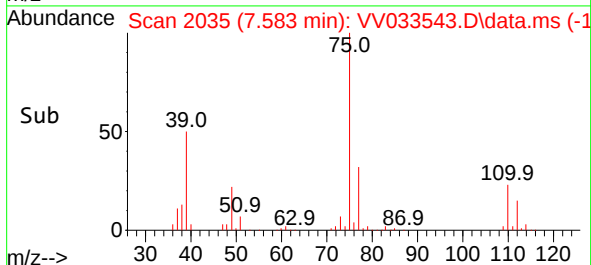
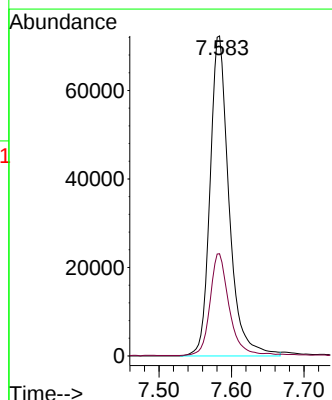
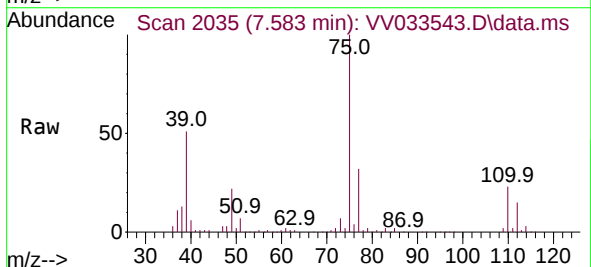
Acq: 28 Dec 2023 11:27

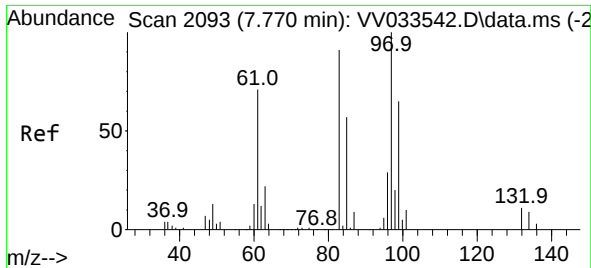
Tgt Ion: 75 Resp: 131509

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.2

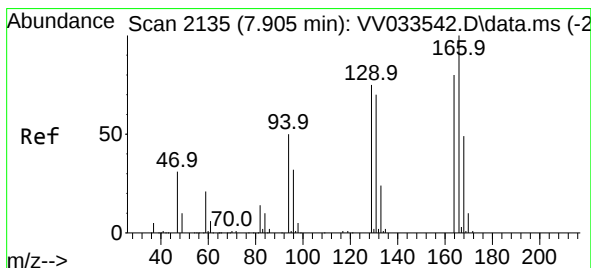
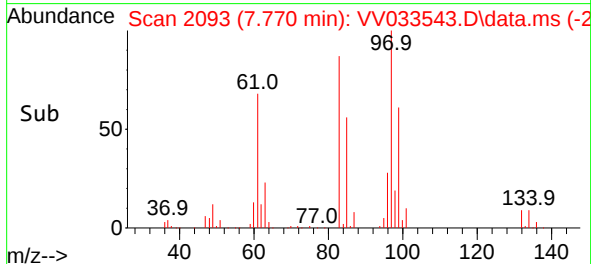
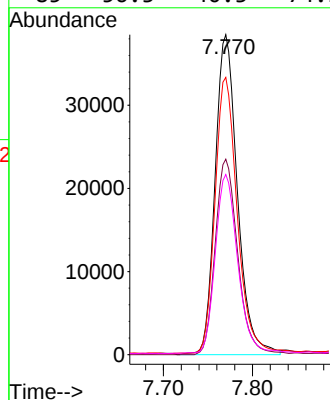
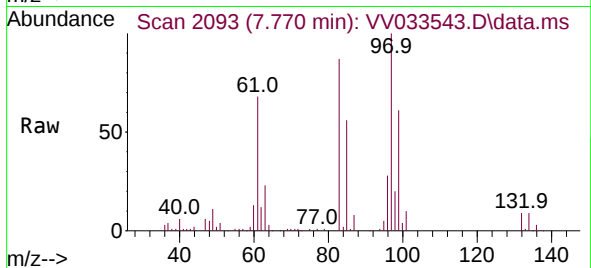




#45
1,1,2-Trichloroethane
Concen: 10.719 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

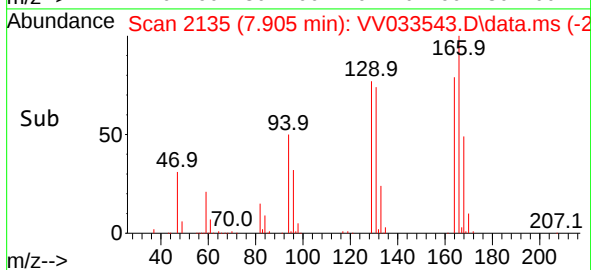
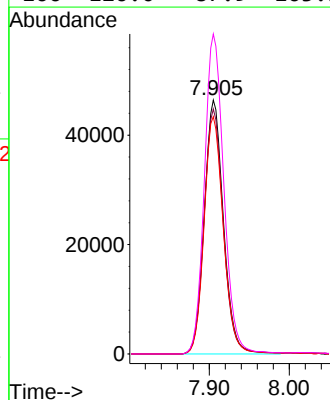
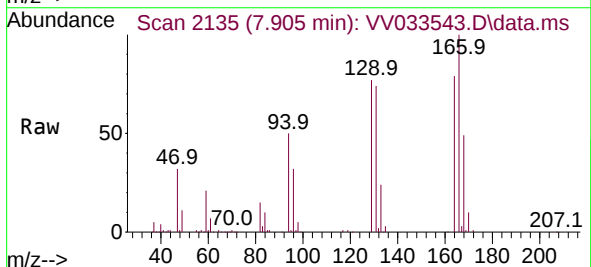
Instrument :
MSVOA_V
ClientSampleId :

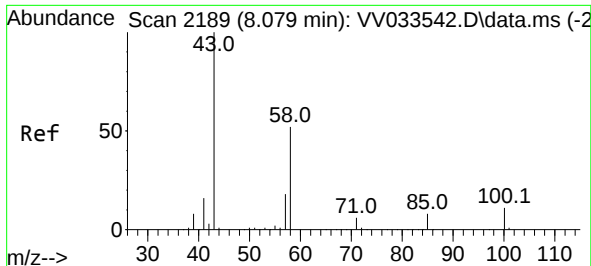
Tgt Ion:	97	Resp:	67030
Ion	Ratio	Lower	Upper
97	100		
99	61.1	45.2	84.0
83	86.6	64.3	119.3
85	56.3	40.3	74.9



#47
Tetrachloroethene
Concen: 10.418 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

Tgt Ion:	164	Resp:	77470
Ion	Ratio	Lower	Upper
164	100		
129	96.5	66.2	123.0
131	93.5	61.2	113.8
166	126.0	87.9	163.3





#48

2-Hexanone

Concen: 106.967 ug/L

RT: 8.075 min Scan# 2189

Delta R.T. -0.003 min

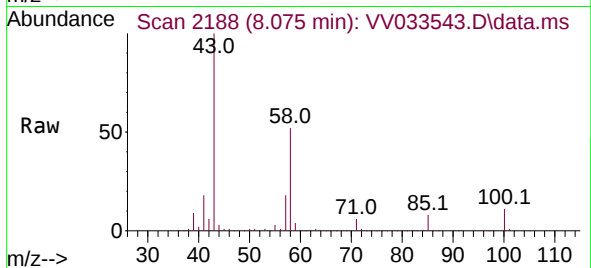
Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 434668

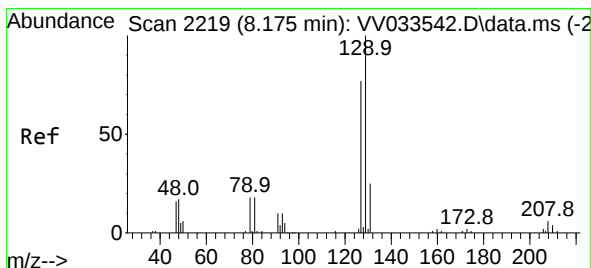
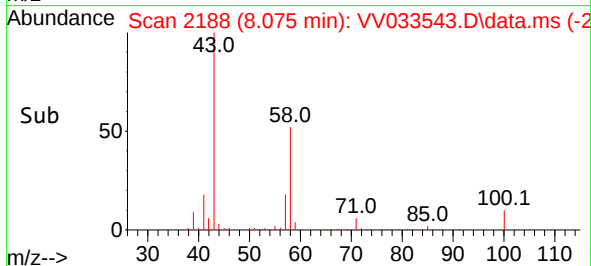
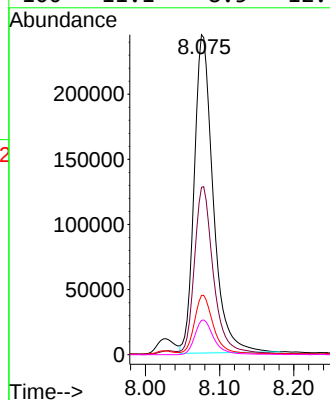
Ion Ratio Lower Upper

43 100

58 52.9 43.3 64.9

57 18.5 14.4 21.6

100 11.1 8.5 12.7



#49

Dibromochloromethane

Concen: 10.486 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV033543.D

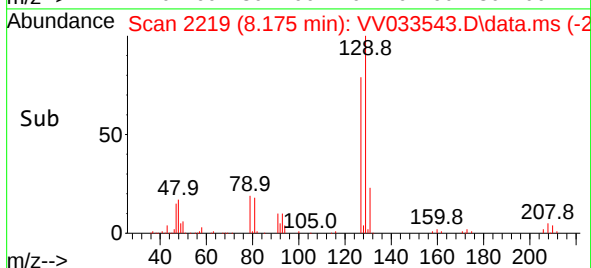
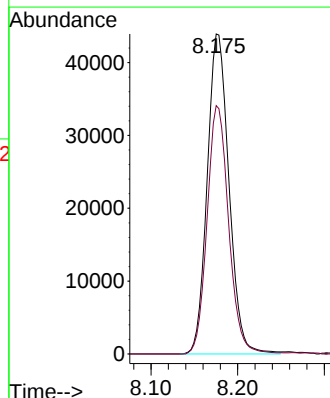
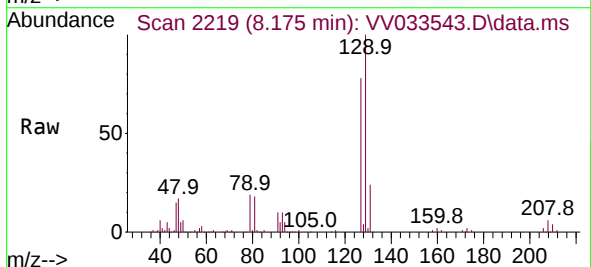
Acq: 28 Dec 2023 11:27

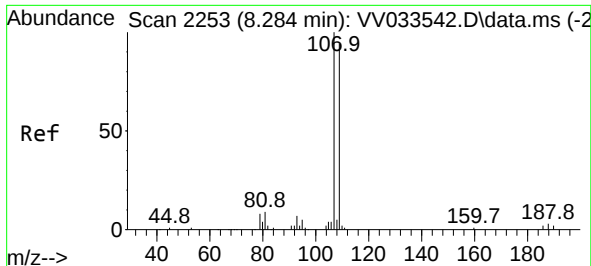
Tgt Ion:129 Resp: 76765

Ion Ratio Lower Upper

129 100

127 77.6 53.9 100.1





#50

1,2-Dibromoethane

Concen: 10.493 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV033543.D

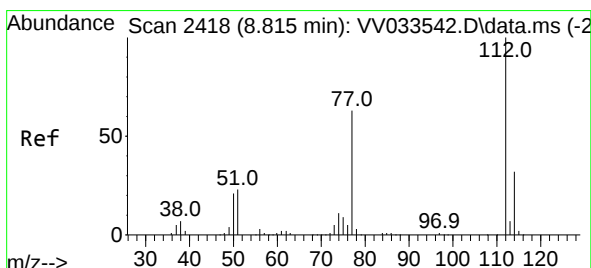
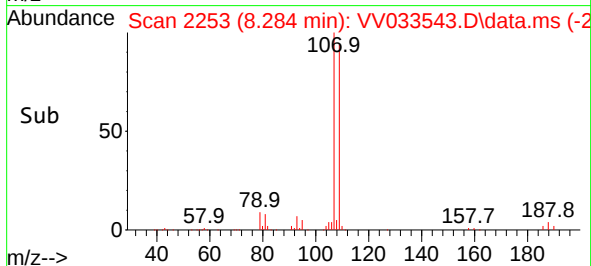
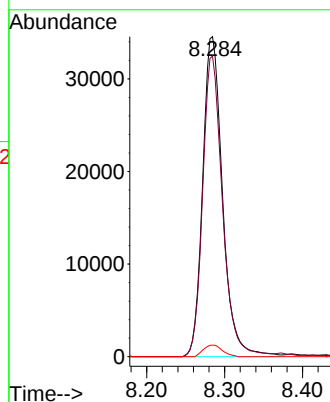
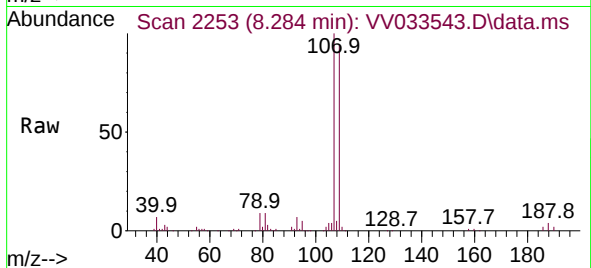
Acq: 28 Dec 2023 11:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	61210
Ion	Ratio	Lower	Upper
107	100		
109	93.9	65.8	122.2
188	3.6	2.8	4.2



#51

Chlorobenzene

Concen: 10.476 ug/L

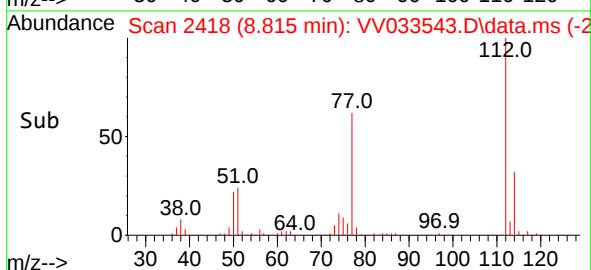
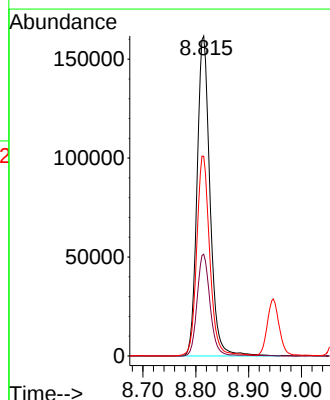
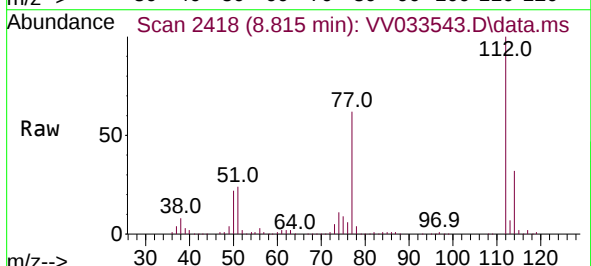
RT: 8.815 min Scan# 2418

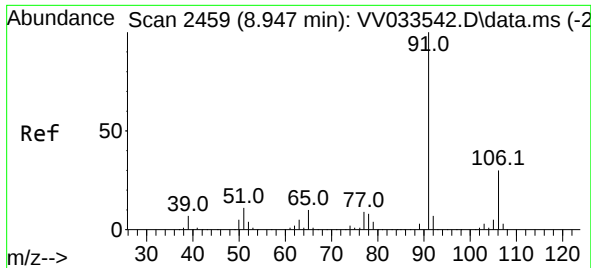
Delta R.T. 0.000 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

Tgt Ion:	112	Resp:	274643
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.7	42.1
77	62.4	50.6	76.0

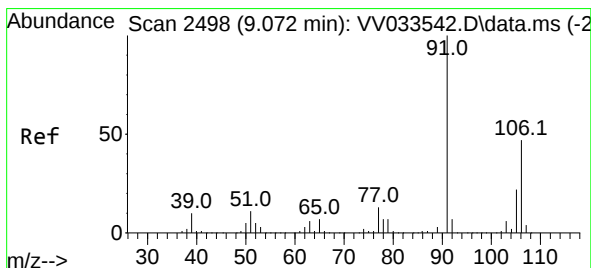
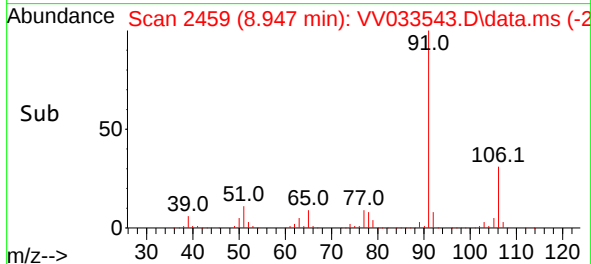
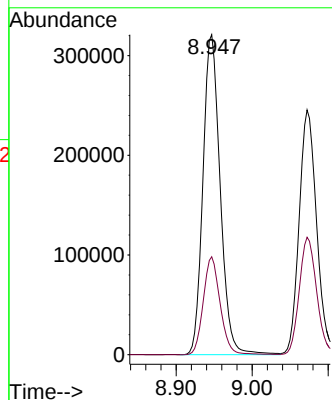
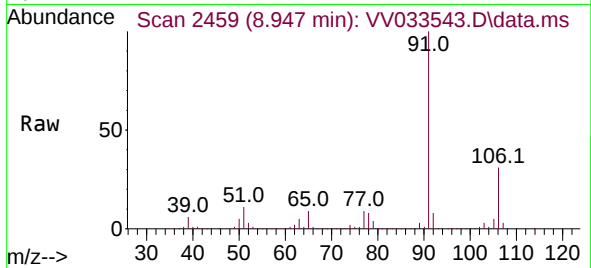




#52
Ethylbenzene
Concen: 10.298 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

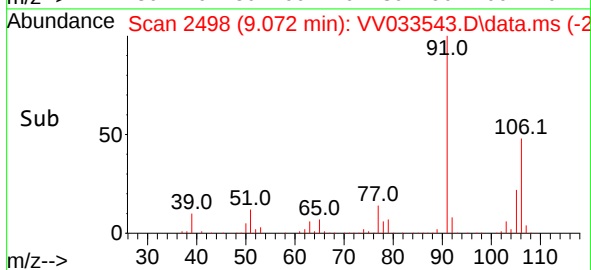
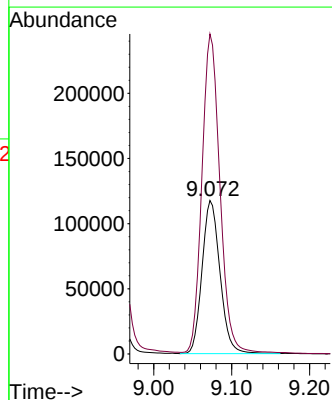
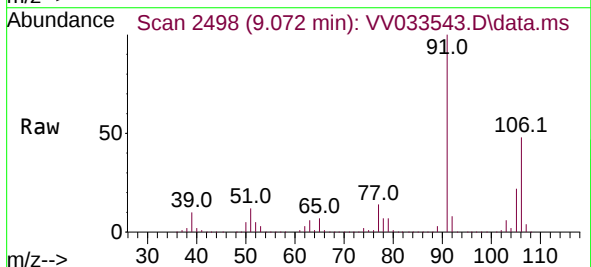
Instrument :
MSVOA_V
ClientSampleId :

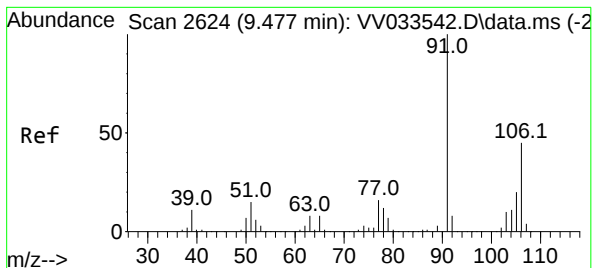
Tgt Ion: 91 Resp: 506582
Ion Ratio Lower Upper
91 100
106 30.6 20.9 38.9



#53
m,p-Xylene
Concen: 10.326 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

Tgt Ion:106 Resp: 187919
Ion Ratio Lower Upper
106 100
91 208.6 150.4 279.4





#54

o-Xylene

Concen: 10.467 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. 0.000 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

Instrument :

MSVOA_V

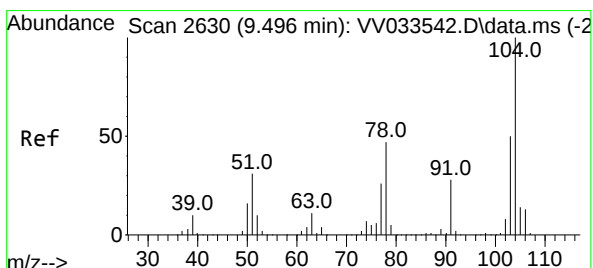
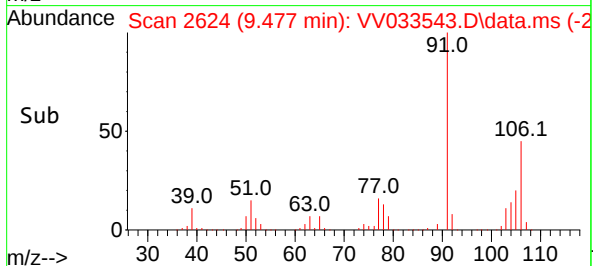
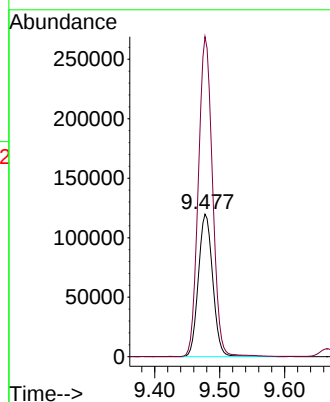
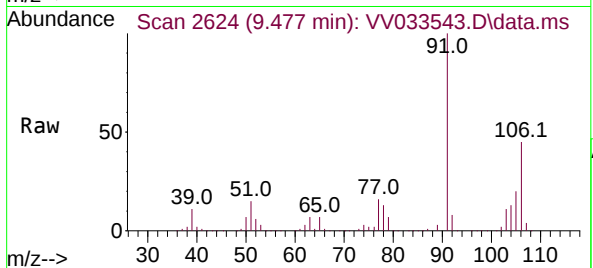
ClientSampleId :

Tgt Ion:106 Resp: 184853

Ion Ratio Lower Upper

106 100

91 224.5 156.1 289.9



#55

Styrene

Concen: 10.622 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.000 min

Lab File: VV033543.D

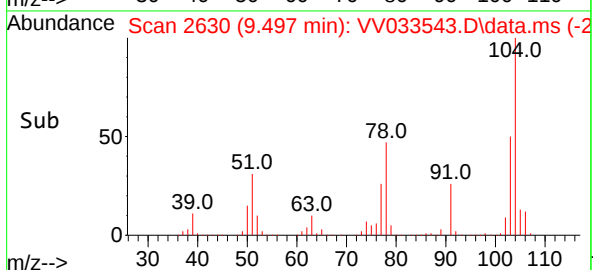
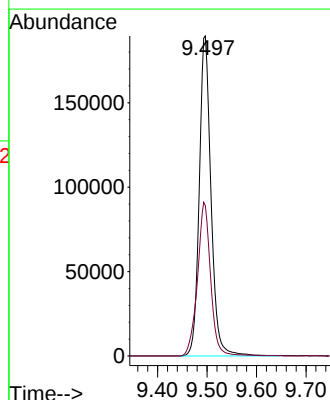
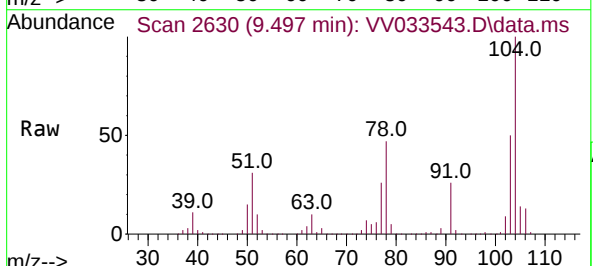
Acq: 28 Dec 2023 11:27

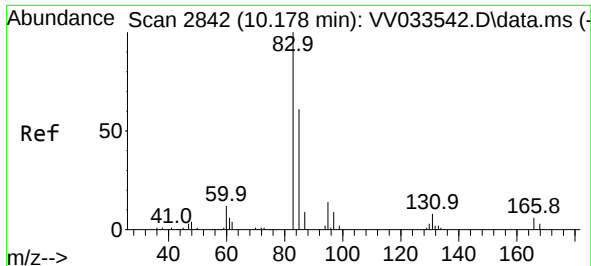
Tgt Ion:104 Resp: 314599

Ion Ratio Lower Upper

104 100

78 47.0 33.0 61.4

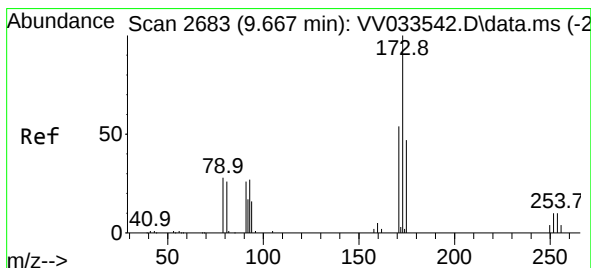
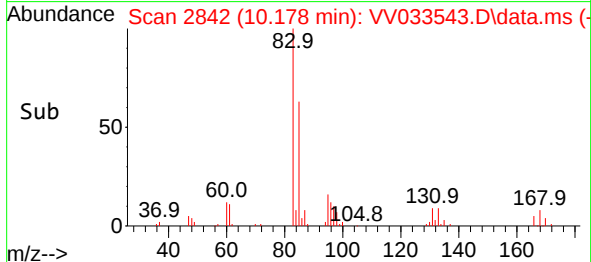
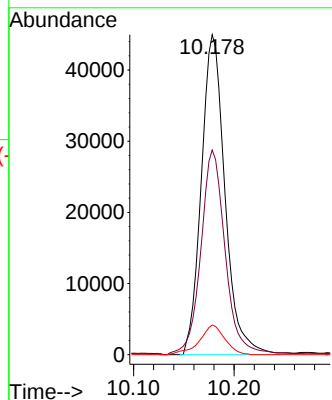
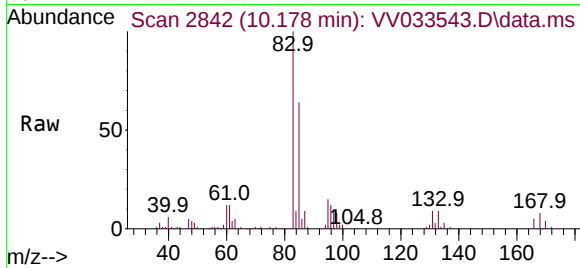




#57
1,1,2,2-Tetrachloroethane
Concen: 10.616 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

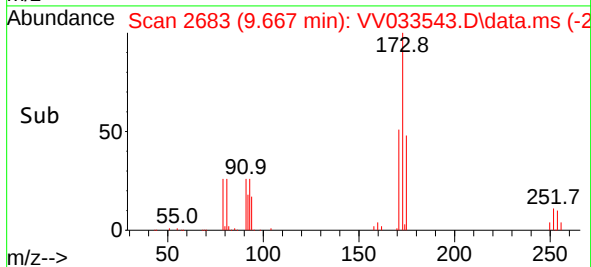
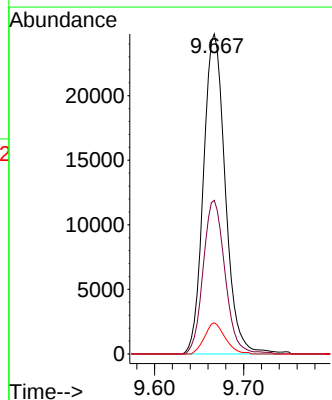
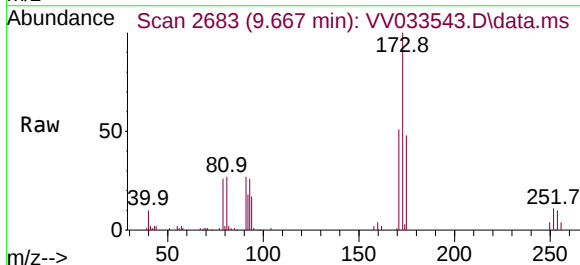
Instrument :
MSVOA_V
ClientSampleId :

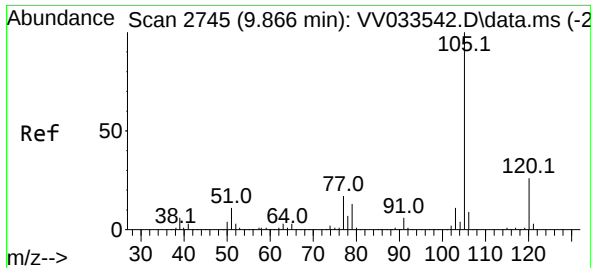
Tgt Ion: 83 Resp: 73455
Ion Ratio Lower Upper
83 100
85 63.9 44.2 82.0
131 9.2 7.2 10.8



#59
Bromoform
Concen: 10.772 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

Tgt Ion: 173 Resp: 42166
Ion Ratio Lower Upper
173 100
175 48.0 36.6 55.0
254 9.1 7.8 11.8

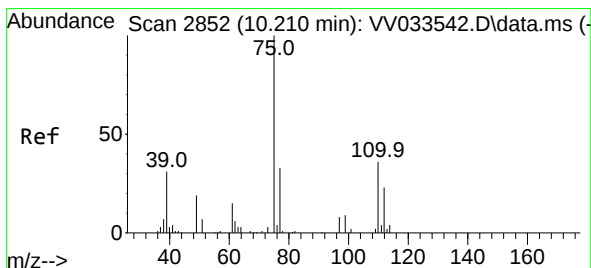
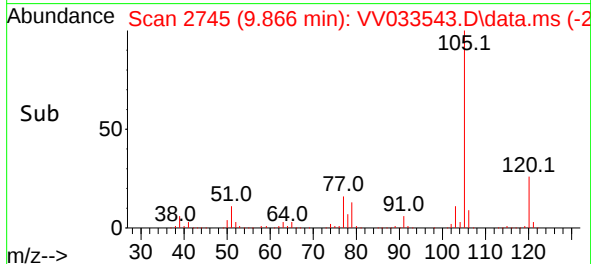
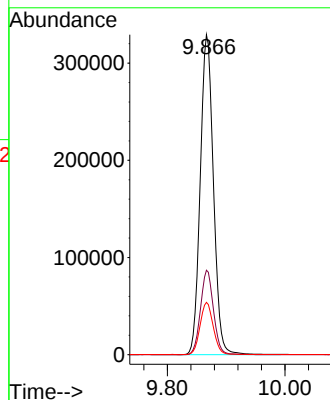
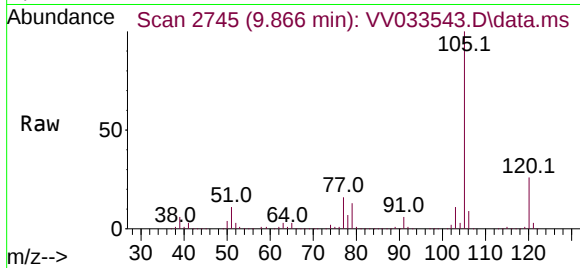




#60
Isopropylbenzene
Concen: 10.333 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

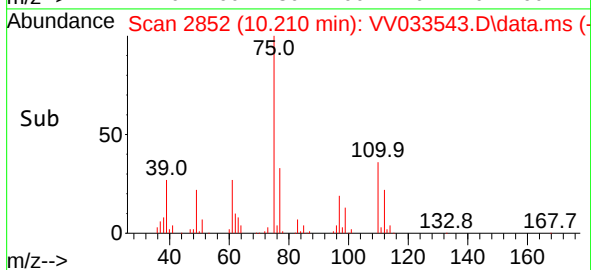
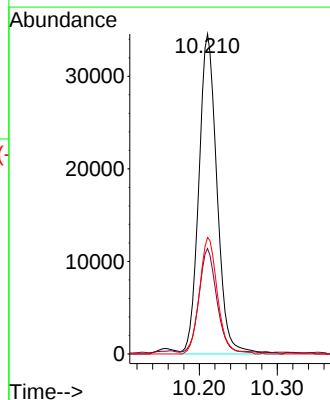
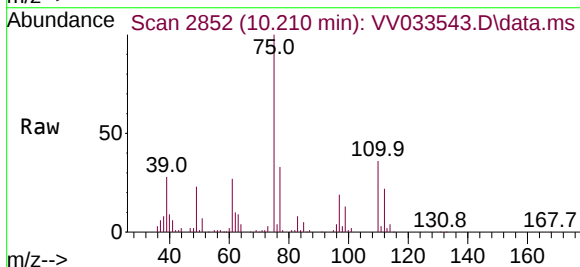
Instrument :
MSVOA_V
ClientSampleId :

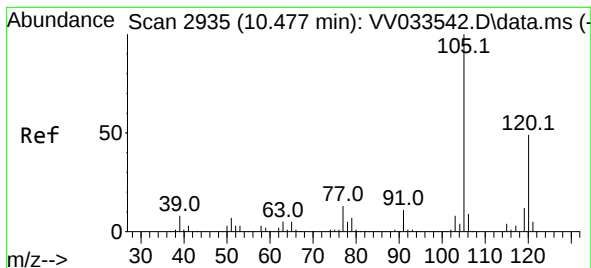
Tgt Ion:105 Resp: 512261
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 16.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 10.907 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

Tgt Ion: 75 Resp: 55904
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
110 36.0 29.2 43.8





#62

1,3,5-Trimethylbenzene

Concen: 10.377 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

Instrument :

MSVOA_V

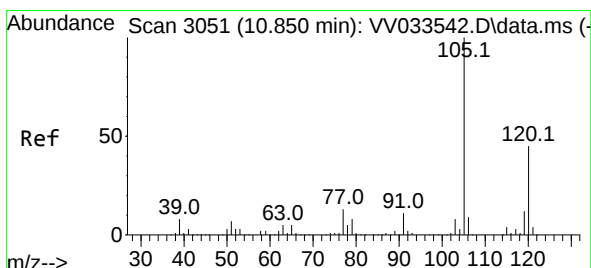
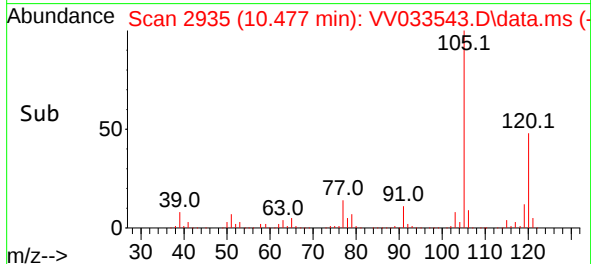
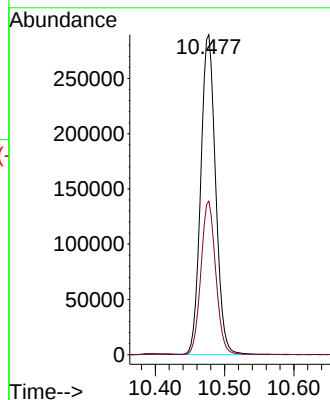
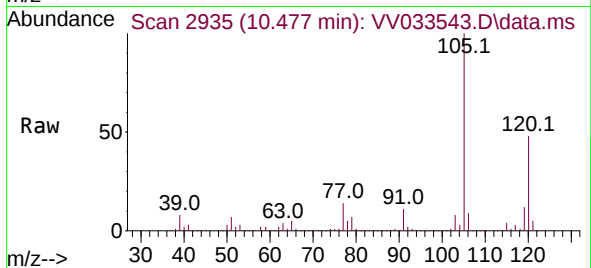
ClientSampleId :

Tgt Ion:105 Resp: 431252

Ion Ratio Lower Upper

105 100

120 47.8 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 10.491 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV033543.D

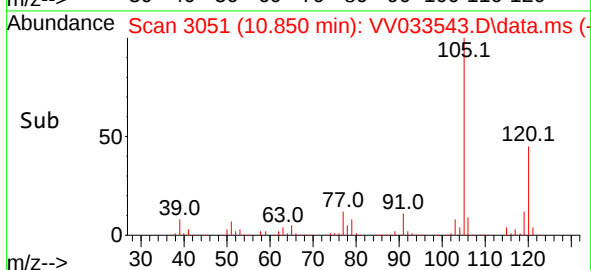
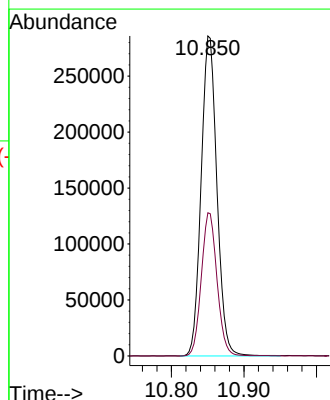
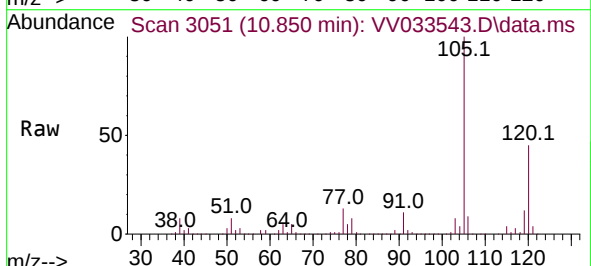
Acq: 28 Dec 2023 11:27

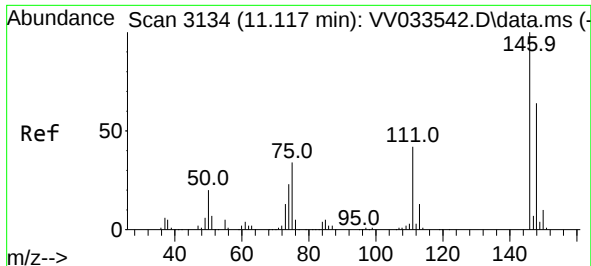
Tgt Ion:105 Resp: 431536

Ion Ratio Lower Upper

105 100

120 44.5 36.1 54.1

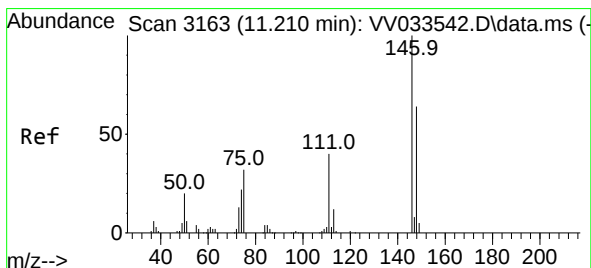
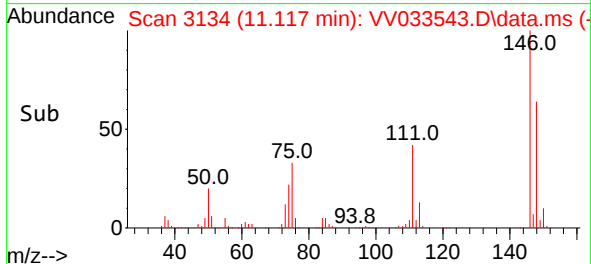
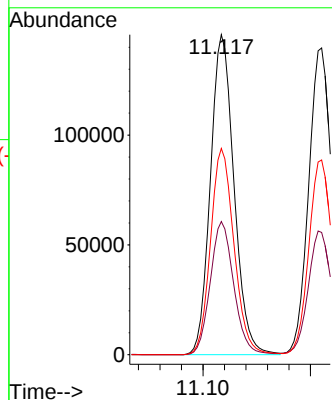
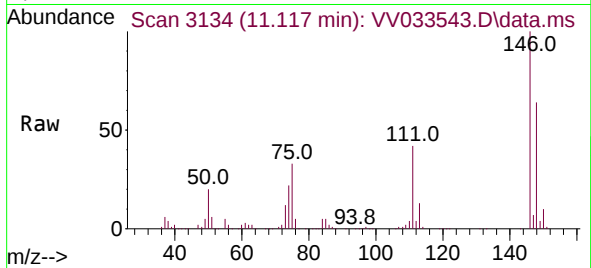




#64
1,3-Dichlorobenzene
Concen: 10.546 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

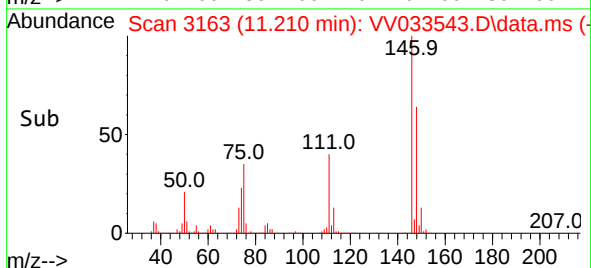
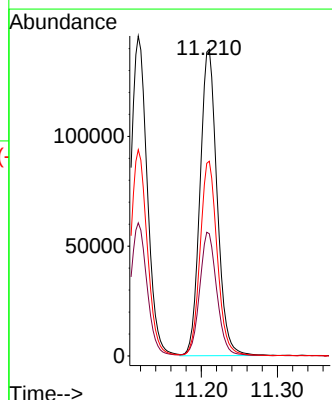
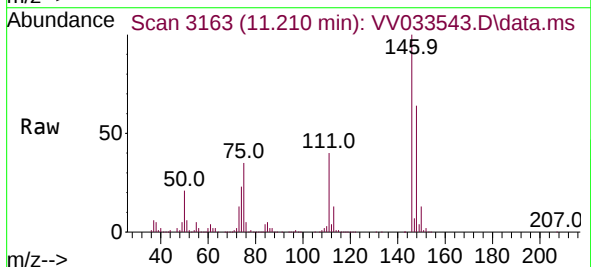
Instrument :
MSVOA_V
ClientSampleId :

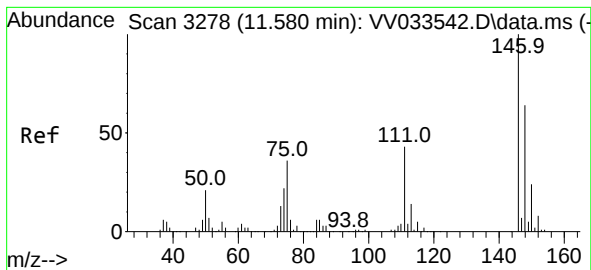
Tgt Ion:146 Resp: 222085
Ion Ratio Lower Upper
146 100
111 41.6 29.5 54.7
148 64.5 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 10.147 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

Tgt Ion:146 Resp: 218005
Ion Ratio Lower Upper
146 100
111 39.9 28.0 52.0
148 63.5 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 10.559 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

Instrument :

MSVOA_V

ClientSampleId :

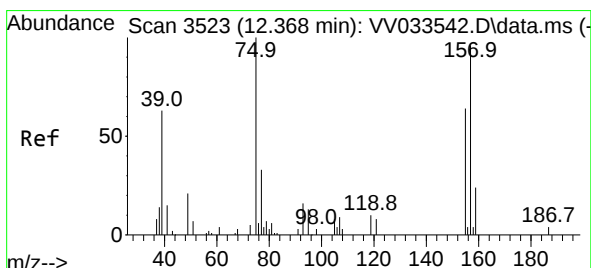
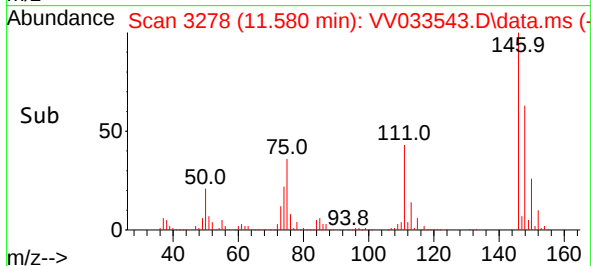
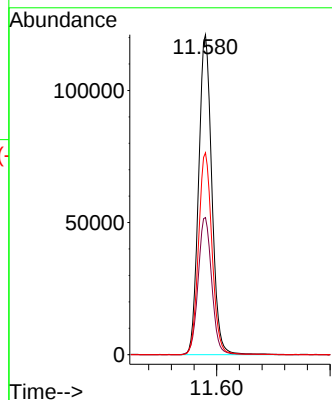
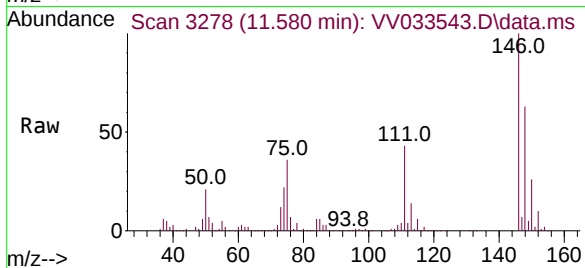
Tgt Ion:146 Resp: 195732

Ion Ratio Lower Upper

146 100

111 42.9 34.6 51.8

148 63.1 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 11.420 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

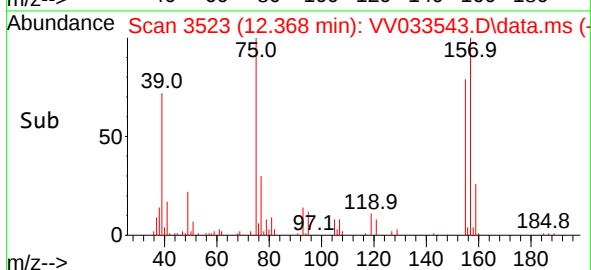
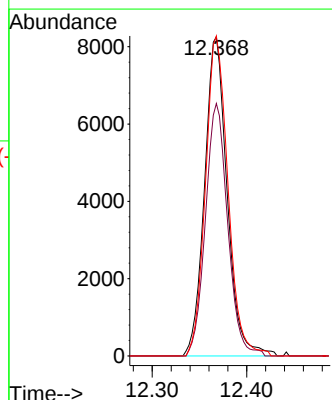
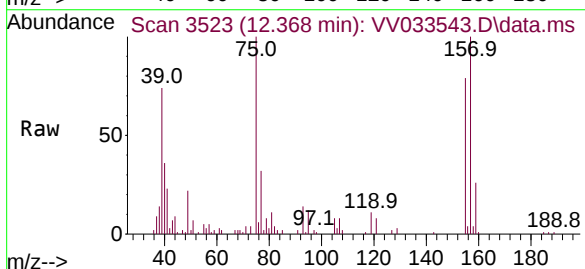
Tgt Ion: 75 Resp: 13709

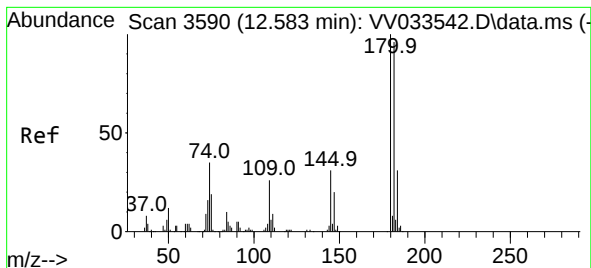
Ion Ratio Lower Upper

75 100

155 79.1 51.4 77.2#

157 100.3 77.0 115.6





#69

1,3,5-Trichlorobenzene

Concen: 10.620 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 172468

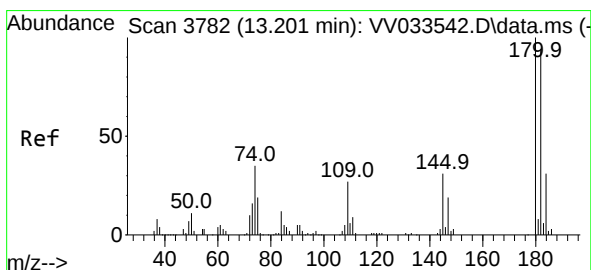
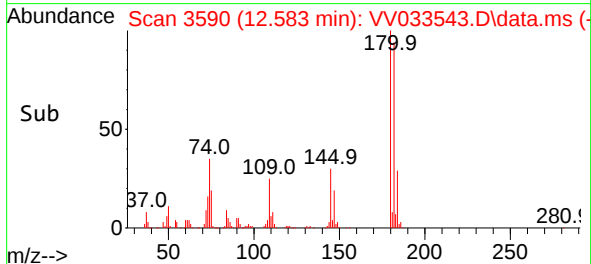
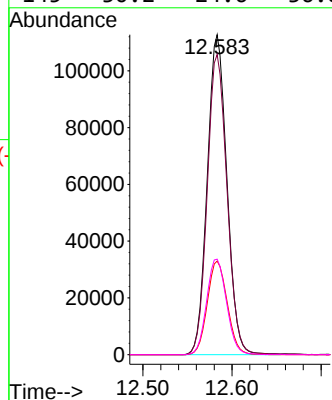
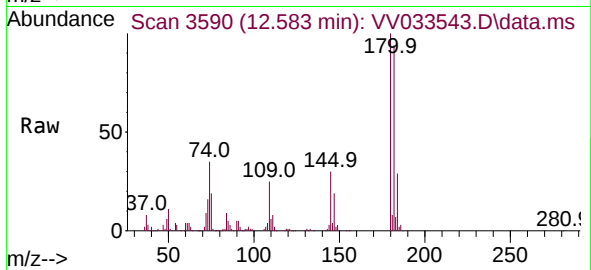
Ion Ratio Lower Upper

180 100

182 94.6 76.4 114.6

184 29.7 24.2 36.4

145 30.2 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 10.668 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV033543.D

Acq: 28 Dec 2023 11:27

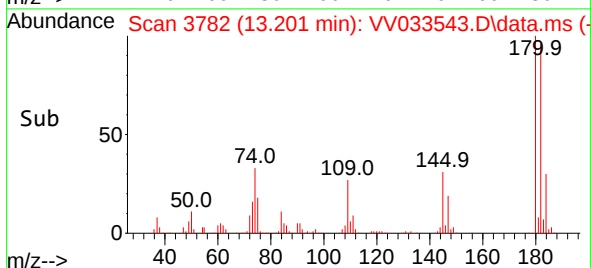
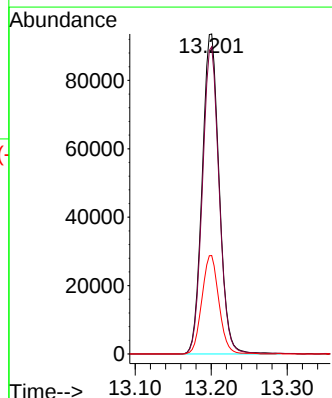
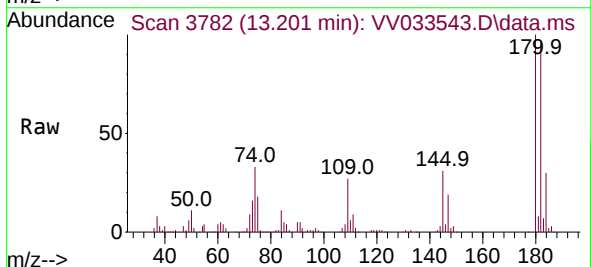
Tgt Ion:180 Resp: 145241

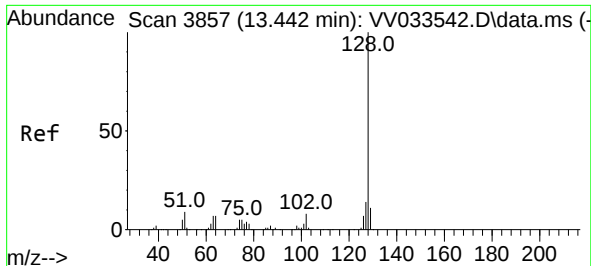
Ion Ratio Lower Upper

180 100

182 94.5 76.1 114.1

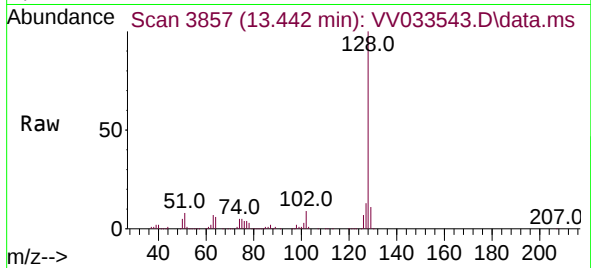
145 30.8 25.1 37.7



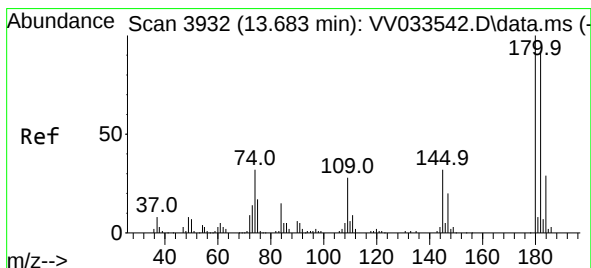
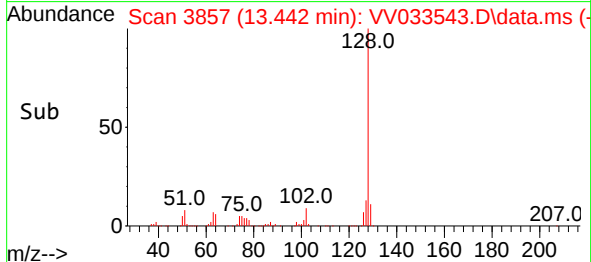
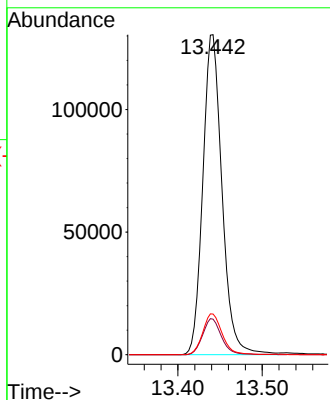


#71
Naphthalene
Concen: 10.900 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 207085
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 10.893 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.003 min
Lab File: VV033543.D
Acq: 28 Dec 2023 11:27

Tgt Ion:180 Resp: 116956
Ion Ratio Lower Upper
180 100
182 94.6 75.4 113.0
145 32.9 26.6 40.0

