

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122823\
 Data File : VW033545.D
 Acq On : 28 Dec 2023 12:28
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 29 04:17:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 04:10:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	130957	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	119556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41100	5.007	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.200%		
7) Chloroethane-d5	1.532	69	35634	5.124	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 102.400%		
11) 1,1-Dichloroethene-d2	2.056	65	17244	4.746	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 95.000%		
20) 2-Butanone-d5	3.812	46	100681	49.425	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 98.860%		
24) Chloroform-d	4.249	84	82714	4.968	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.400%		
26) 1,2-Dichloroethane-d4	4.944	65	39113	5.160	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.200%		
32) Benzene-d6	4.960	84	162261	5.304	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.000%		
36) 1,2-Dichloropropane-d6	5.989	67	51195	5.326	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.600%		
41) Toluene-d8	7.243	98	141622	5.231	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 104.600%		
43) trans-1,3-Dichloroprop...	7.555	79	19489	5.046	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.000%		
46) 2-Hexanone-d5	8.027	63	81956	53.276	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 106.560%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31933	4.978	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 99.600%		
66) 1,2-Dichlorobenzene-d4	11.561	152	51517	5.292	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 105.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	59588	5.137	ug/L	100
3) Chloromethane	1.214	50	62651	5.025	ug/L	99
5) Vinyl chloride	1.281	62	60888	5.047	ug/L	97
6) Bromomethane	1.487	94	33386	4.920	ug/L	99
8) Chloroethane	1.548	64	37811	5.081	ug/L	99
9) Trichlorofluoromethane	1.712	101	74769	5.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	46837	5.237	ug/L	97
12) 1,1-Dichloroethene	2.069	96	42205	5.179	ug/L	90
13) Acetone	2.143	43	74973	42.739	ug/L	90
14) Carbon disulfide	2.240	76	130841	5.285	ug/L	97
15) Methyl Acetate	2.388	43	19025	4.039	ug/L #	90
16) Methylene chloride	2.445	84	54621	5.396	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	112548	5.009	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	46375	5.116	ug/L	97
19) 1,1-Dichloroethane	3.111	63	101970	5.168	ug/L	100
21) 2-Butanone	3.896	43	112219	46.986	ug/L #	62
22) cis-1,2-Dichloroethene	3.815	96	54799	5.328	ug/L	97
23) Bromochloromethane	4.146	128	20675	5.211	ug/L	97
25) Chloroform	4.275	83	97162	5.256	ug/L	99

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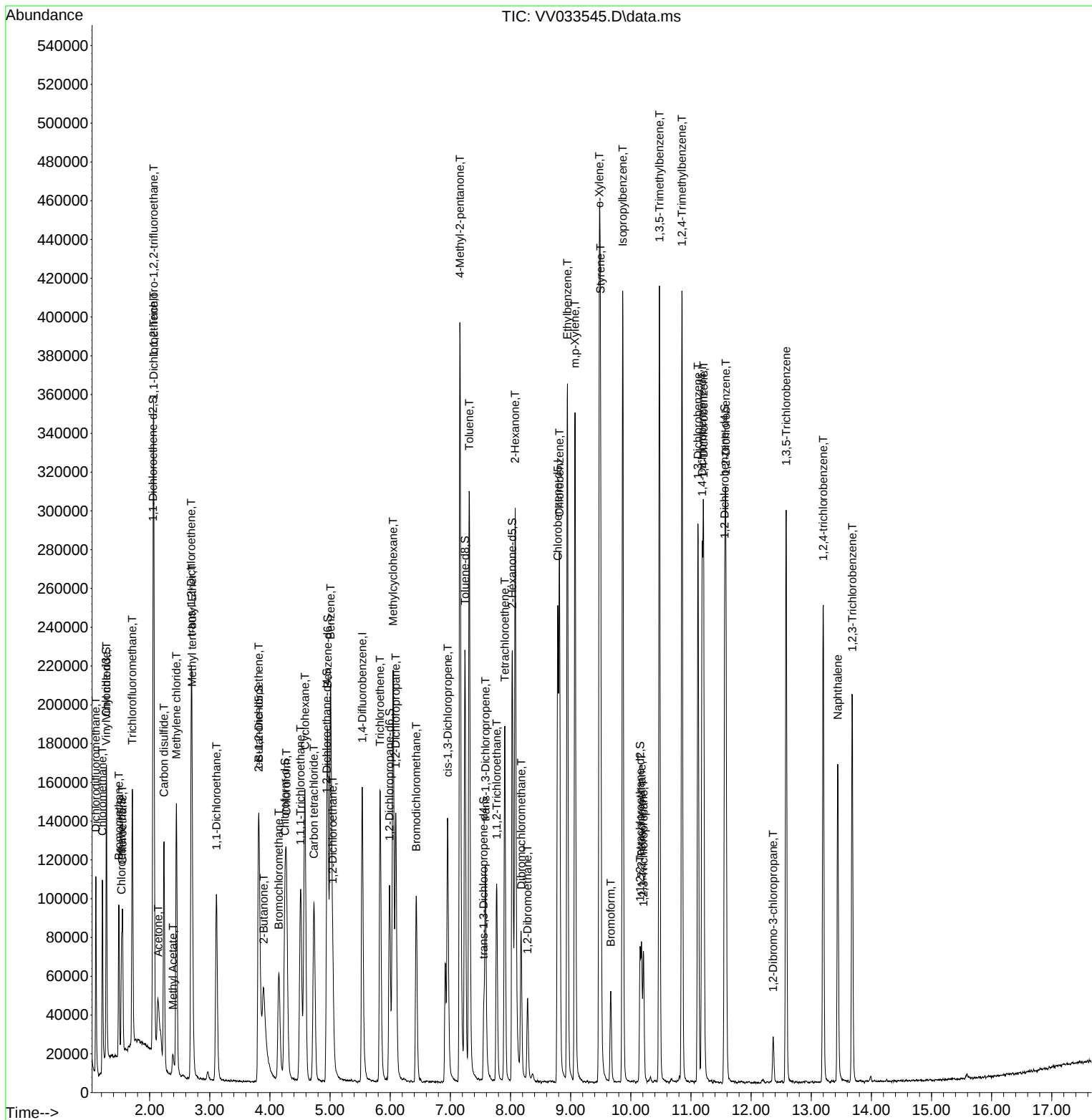
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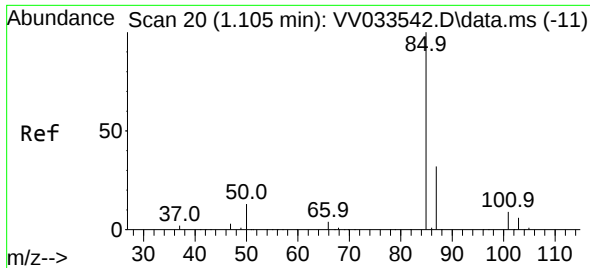
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	55226	5.143	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	82295	5.131	ug/L	99
30) Cyclohexane	4.584	56	90048	5.234	ug/L	98
31) Carbon tetrachloride	4.731	117	70628	5.385	ug/L	98
33) Benzene	5.008	78	203536	5.237	ug/L	100
34) Trichloroethene	5.831	95	55225	5.263	ug/L	98
35) Methylcyclohexane	6.050	83	88301	5.301	ug/L	98
37) 1,2-Dichloropropane	6.092	63	55139	5.344	ug/L	100
38) Bromodichloromethane	6.432	83	66713	5.255	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	83818	5.403	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	296560	53.359	ug/L	97
42) Toluene	7.317	91	217652	5.234	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	66200	5.484	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	31927	5.139	ug/L	96
47) Tetrachloroethene	7.905	164	39162	5.300	ug/L	95
48) 2-Hexanone	8.079	43	213766	52.290	ug/L	99
49) Dibromochloromethane	8.178	129	38352	5.273	ug/L	100
50) 1,2-Dibromoethane	8.284	107	29670	5.119	ug/L	98
51) Chlorobenzene	8.815	112	136460	5.239	ug/L	99
52) Ethylbenzene	8.947	91	254568	5.209	ug/L	99
53) m,p-Xylene	9.072	106	92743	5.129	ug/L	96
54) o-Xylene	9.477	106	92990	5.299	ug/L	99
55) Styrene	9.497	104	153659	5.222	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	34950	5.084	ug/L	100
59) Bromoform	9.667	173	20642	5.388	ug/L	97
60) Isopropylbenzene	9.866	105	255545	5.267	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	26815	5.346	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	212995	5.237	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	215093	5.343	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	108008	5.240	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	105801	5.032	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	96010	5.292	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	6516	5.546	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	83743	5.269	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	69535	5.219	ug/L	99
71) Naphthalene	13.442	128	124546	6.698	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	56657	5.392	ug/L	99

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

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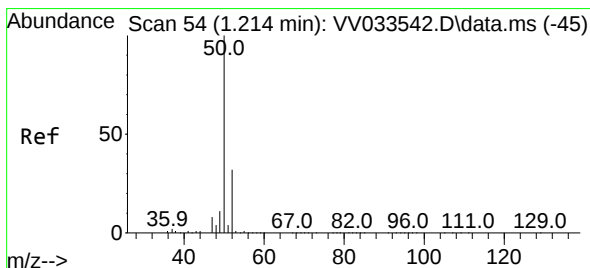
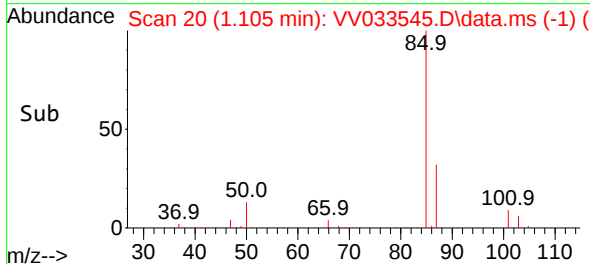
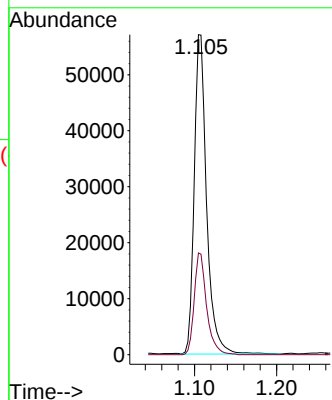
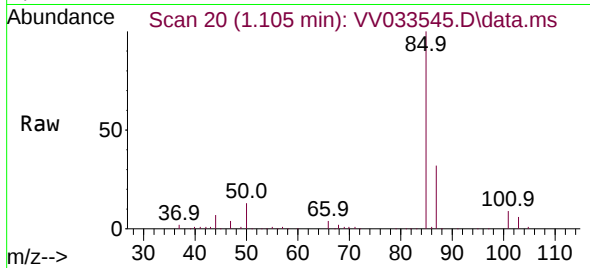




#2
 Dichlorodifluoromethane
 Concen: 5.137 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV033545.D
 Acq: 28 Dec 2023 12:28

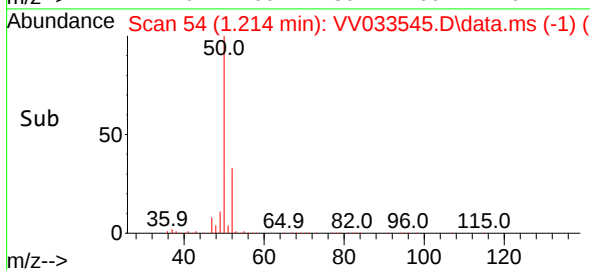
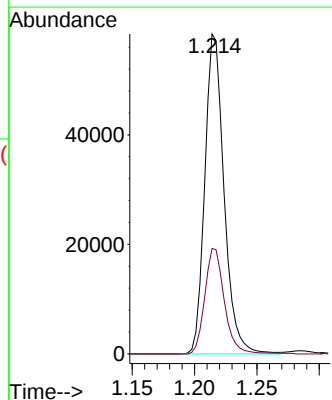
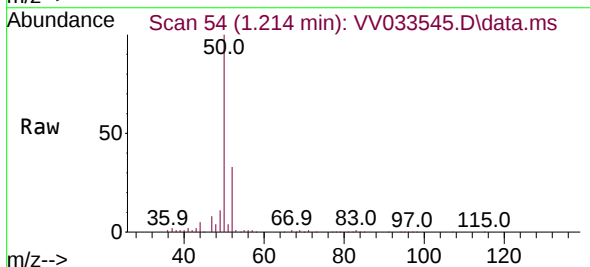
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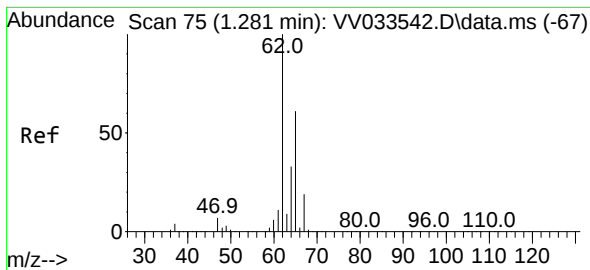
Tgt Ion: 85 Resp: 59588
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.6 38.4



#3
 Chloromethane
 Concen: 5.025 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV033545.D
 Acq: 28 Dec 2023 12:28

Tgt Ion: 50 Resp: 62651
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.5 41.9





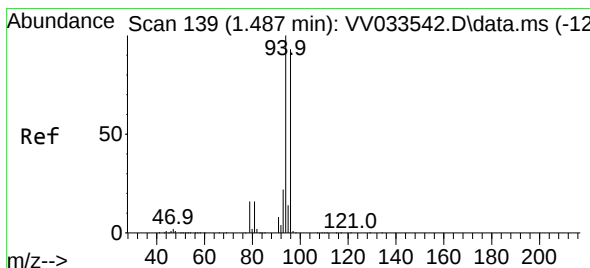
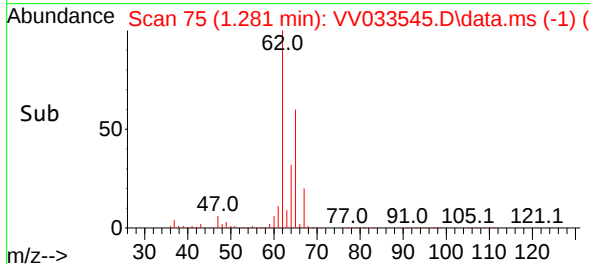
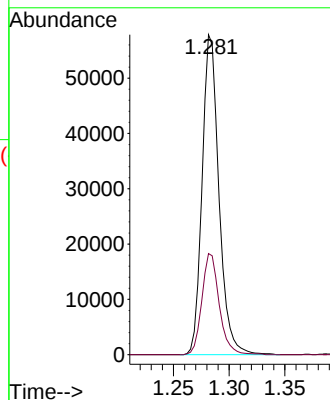
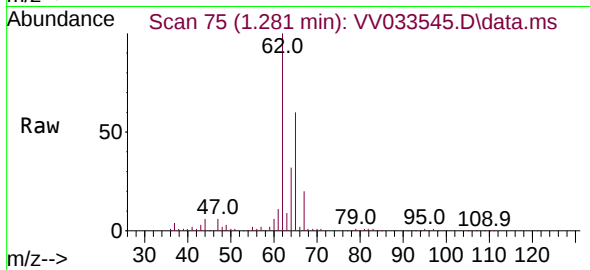
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 Vinyl chloride
 Concen: 5.047 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV033545.D
 Acq: 28 Dec 2023 12:28

Instrument :

MSVOA_V

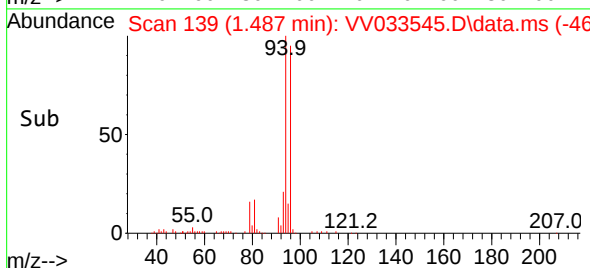
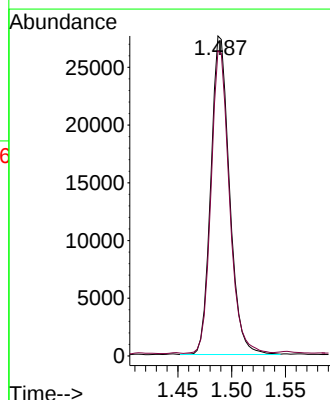
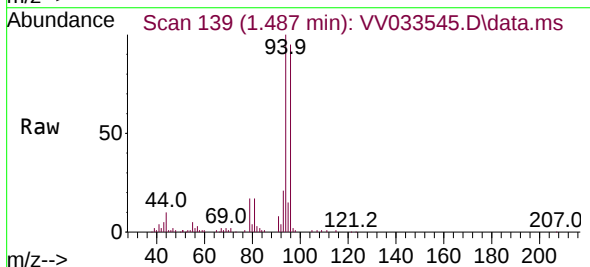
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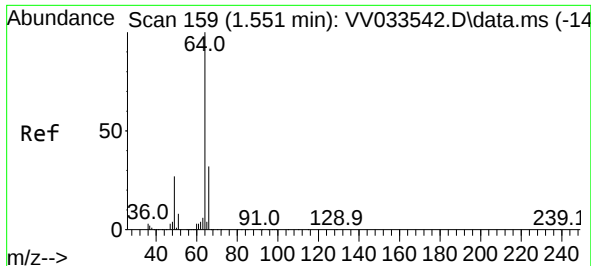
Tgt Ion: 62 Resp: 60888
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.3 43.3



#6
 Bromomethane
 Concen: 4.920 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV033545.D
 Acq: 28 Dec 2023 12:28

Tgt Ion: 94 Resp: 33386
 Ion Ratio Lower Upper
 94 100
 96 95.3 66.1 122.7

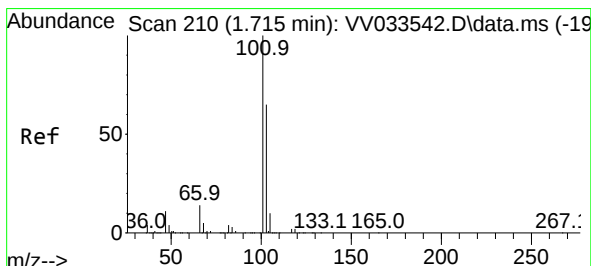
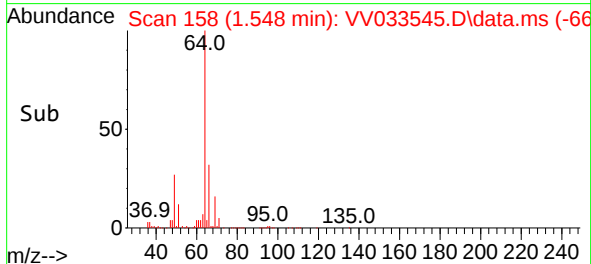
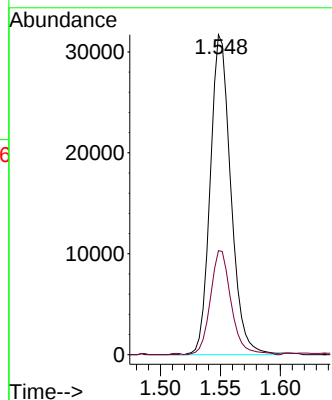
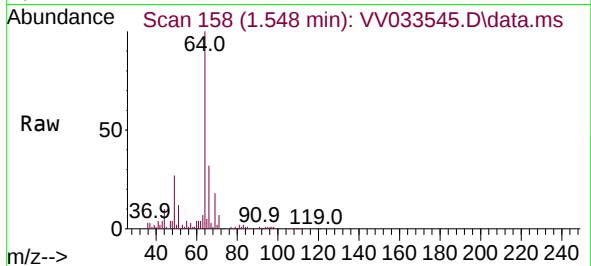




#8
Chloroethane
Concen: 5.081 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

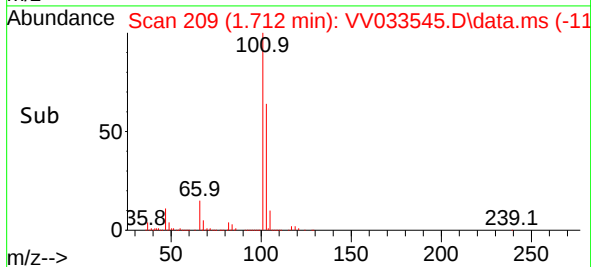
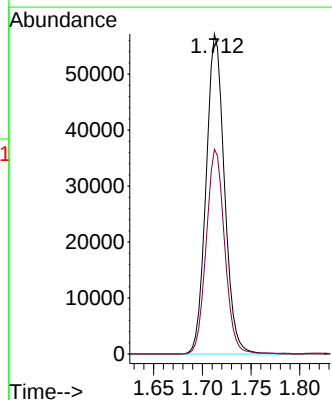
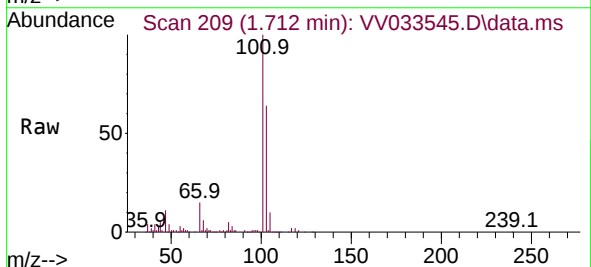
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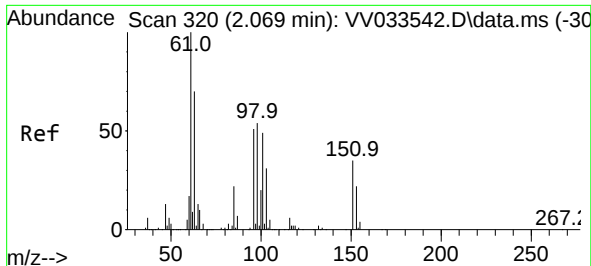
Tgt Ion: 64 Resp: 37811
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.051 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

Tgt Ion: 101 Resp: 74769
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.2

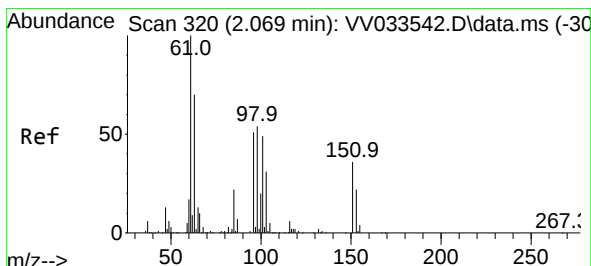
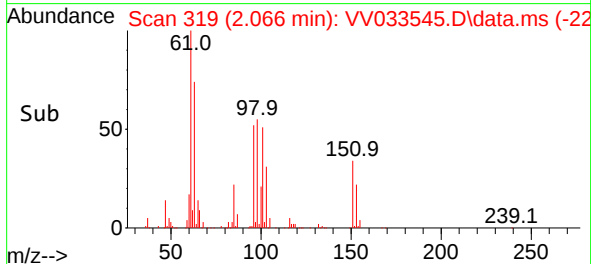
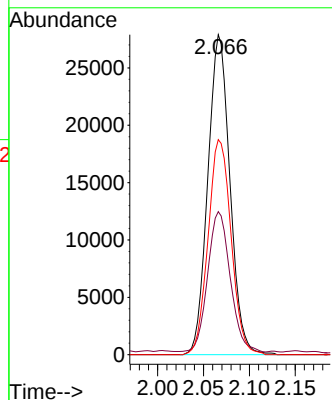
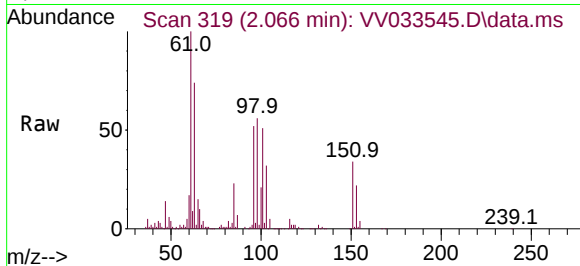




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.237 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV033545.D
 Acq: 28 Dec 2023 12:28

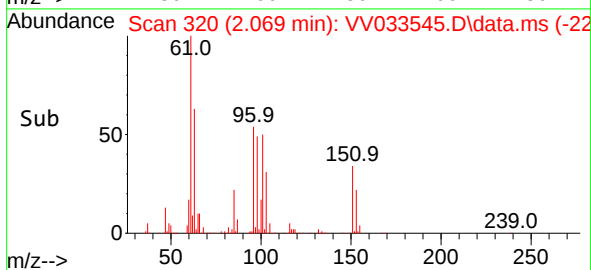
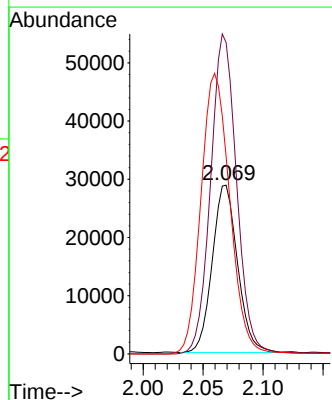
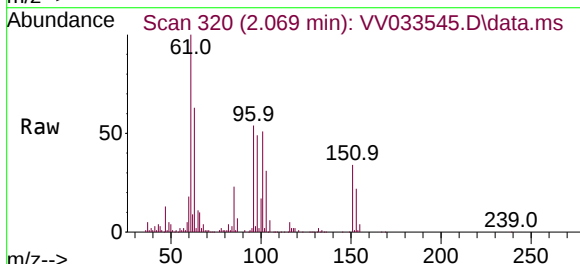
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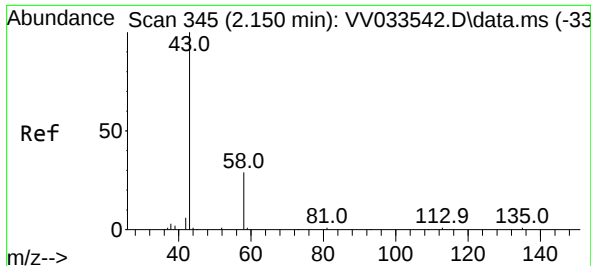
Tgt Ion:	101	Resp:	46837
Ion	Ratio	Lower	Upper
101	100		
85	44.6	36.9	55.3
151	69.9	58.0	87.0



#12
 1,1-Dichloroethene
 Concen: 5.179 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV033545.D
 Acq: 28 Dec 2023 12:28

Tgt Ion:	96	Resp:	42205
Ion	Ratio	Lower	Upper
96	100		
61	184.4	135.9	252.5
63	117.0	95.3	176.9





#13

Acetone

Concen: 42.739 ug/L

RT: 2.143 min Scan# 345

Delta R.T. -0.006 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

Instrument :

MSVOA_V

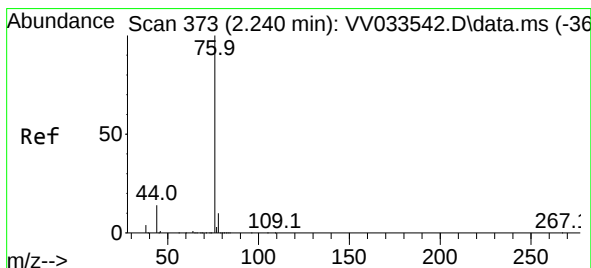
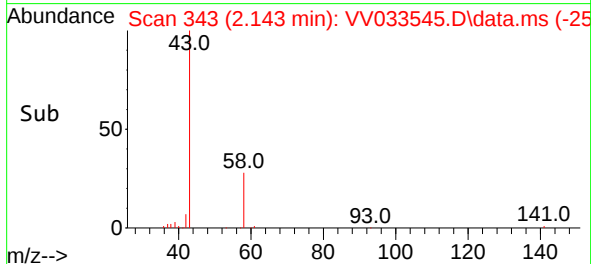
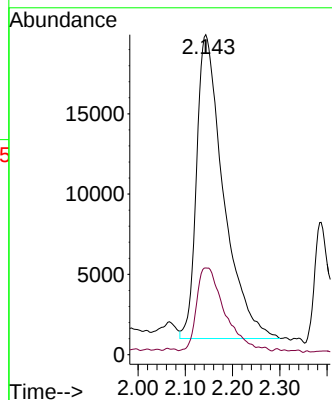
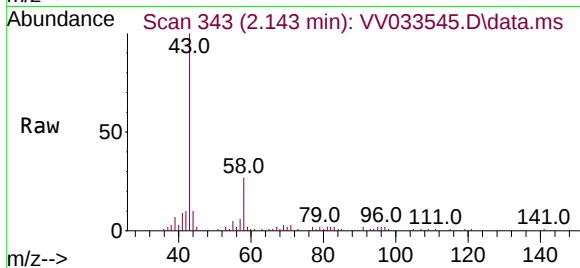
ClientSampleId :

Tgt Ion: 43 Resp: 74973

Ion Ratio Lower Upper

43 100

58 27.9 0.0 45.8



#14

Carbon disulfide

Concen: 5.285 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV033545.D

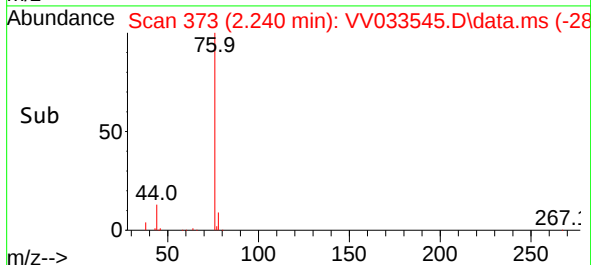
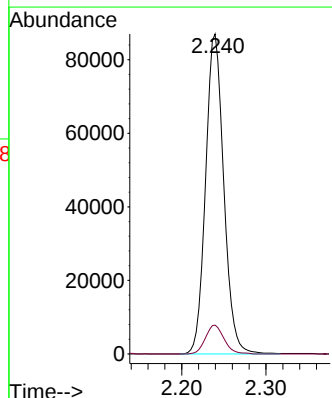
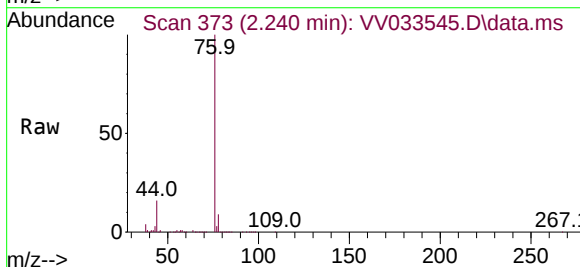
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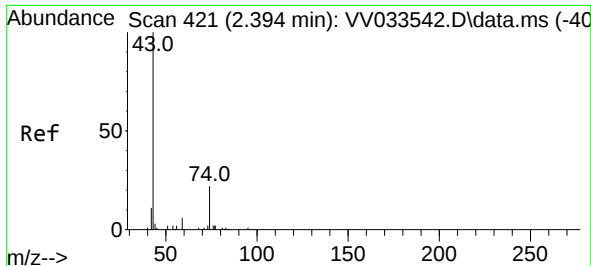
Tgt Ion: 76 Resp: 130841

Ion Ratio Lower Upper

76 100

78 9.0 8.1 12.1

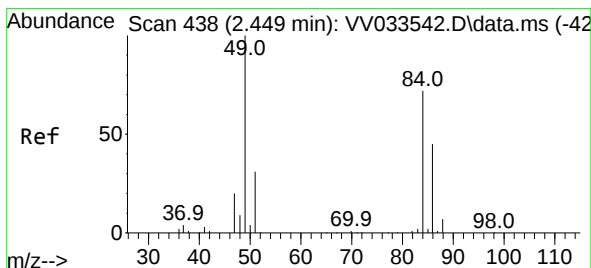
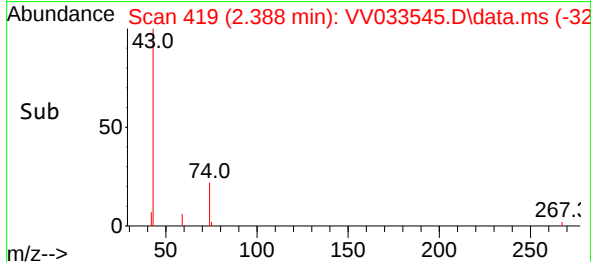
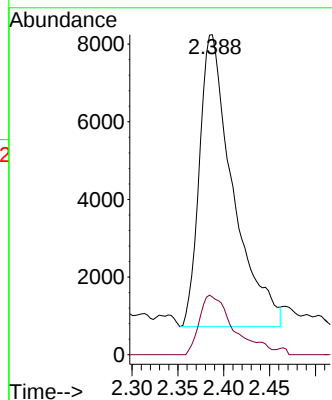
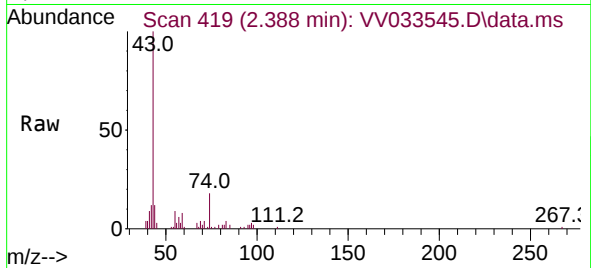




#15
Methyl Acetate
Concen: 4.039 ug/L
RT: 2.388 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

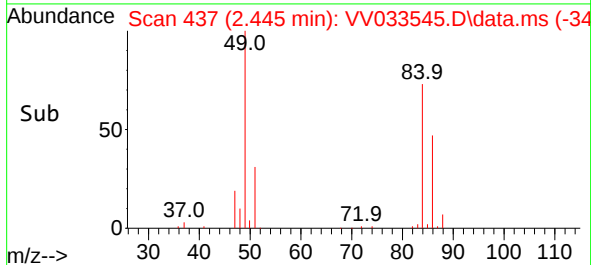
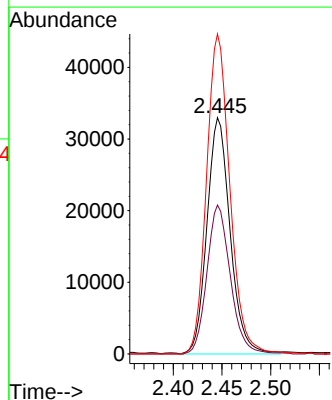
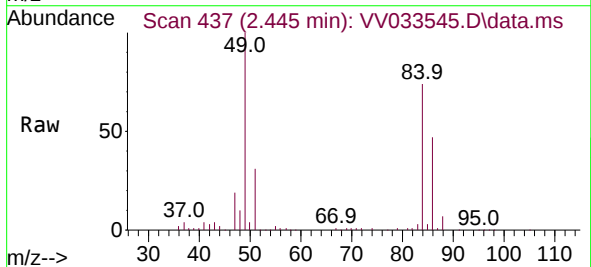
Instrument :
MSVOA_V
ClientSampleId :

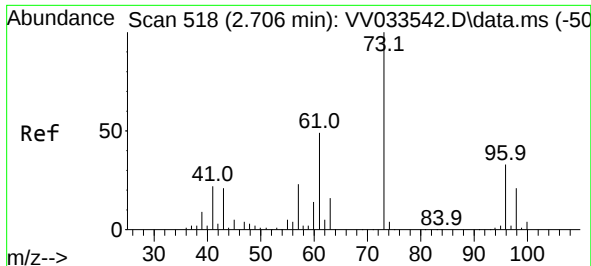
Tgt Ion: 43 Resp: 19025
Ion Ratio Lower Upper
43 100
74 21.1 13.5 20.3#



#16
Methylene chloride
Concen: 5.396 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

Tgt Ion: 84 Resp: 54621
Ion Ratio Lower Upper
84 100
86 63.1 43.8 81.3
49 135.4 97.4 180.8





#17

Methyl tert-butyl Ether

Concen: 5.009 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

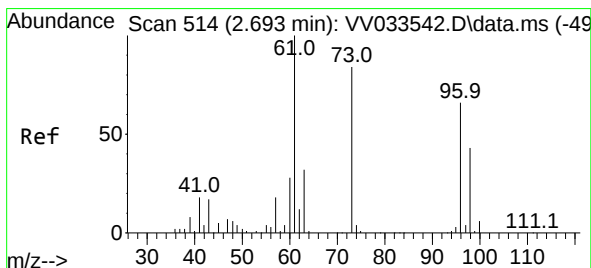
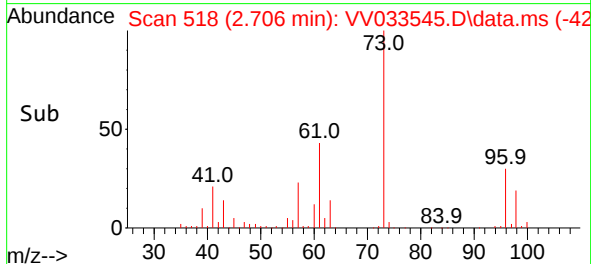
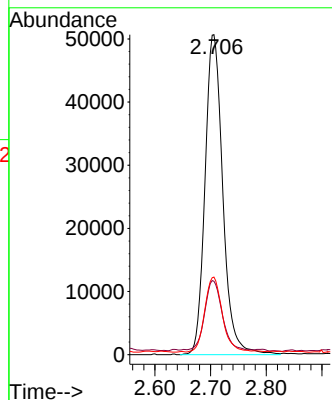
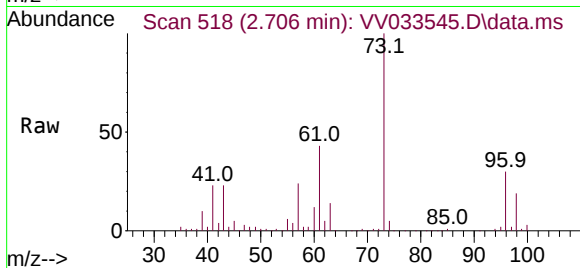
Tgt Ion: 73 Resp: 112548

Ion Ratio Lower Upper

73 100

43 21.7 16.5 24.7

57 23.0 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 5.116 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

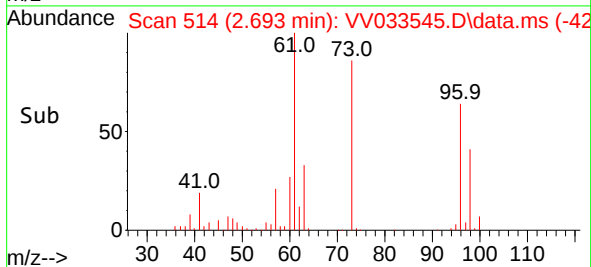
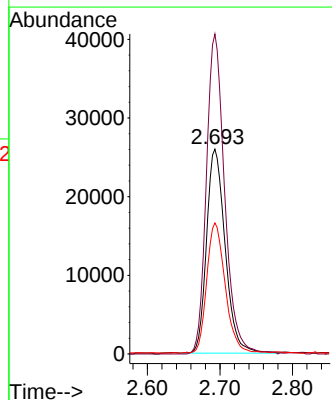
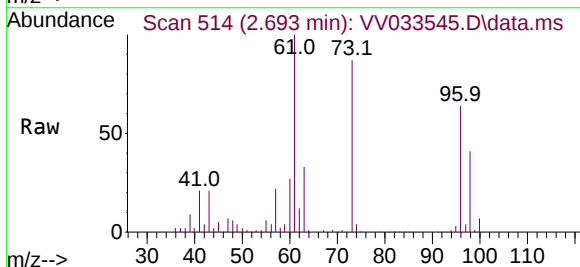
Tgt Ion: 96 Resp: 46375

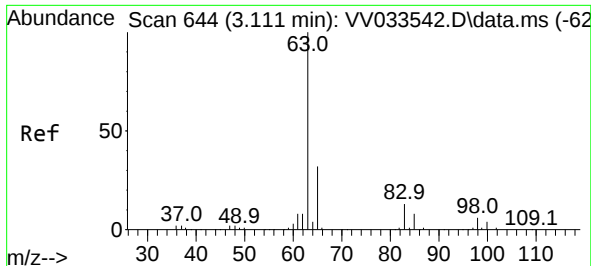
Ion Ratio Lower Upper

96 100

61 156.3 106.0 196.9

98 64.0 46.1 85.7





#19

1,1-Dichloroethane

Concen: 5.168 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.000 min

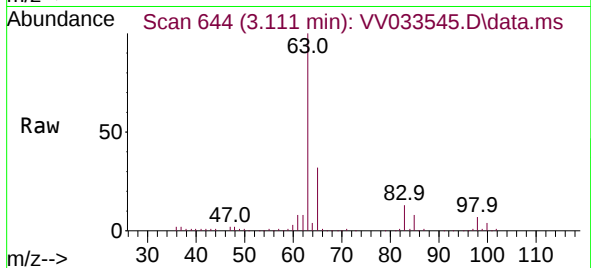
Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :



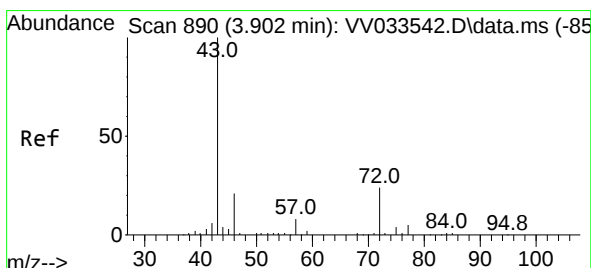
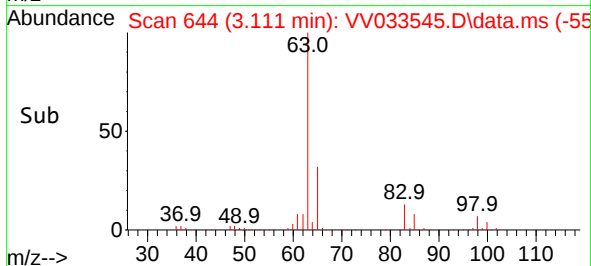
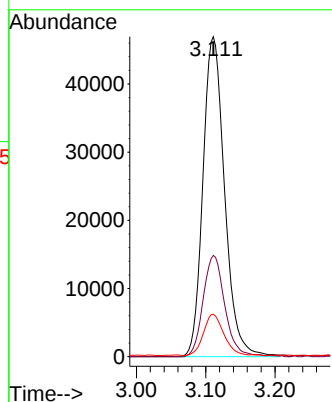
Tgt Ion: 63 Resp: 101970

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

83 13.3 9.3 17.3



#21

2-Butanone

Concen: 46.986 ug/L

RT: 3.896 min Scan# 888

Delta R.T. -0.006 min

Lab File: VV033545.D

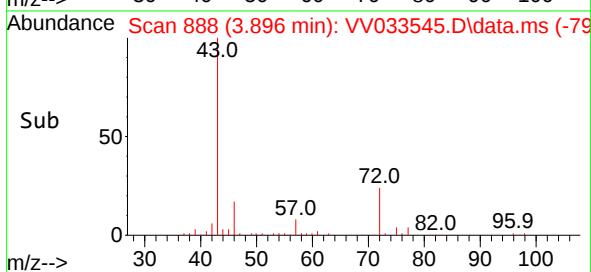
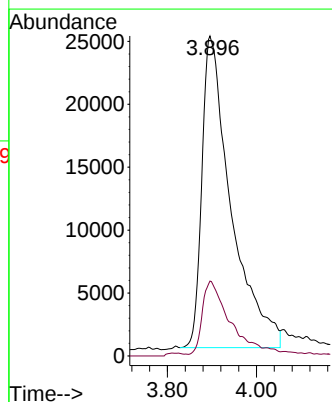
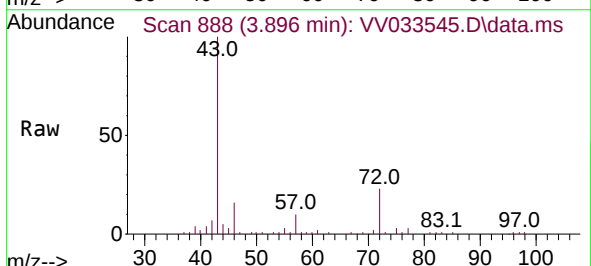
Acq: 28 Dec 2023 12:28

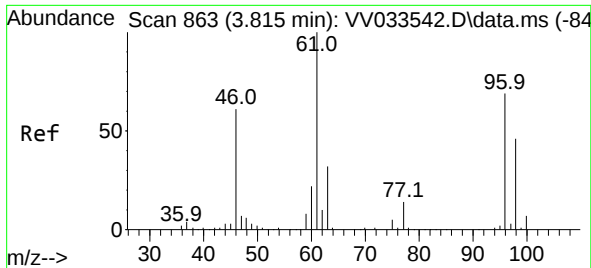
Tgt Ion: 43 Resp: 112219

Ion Ratio Lower Upper

43 100

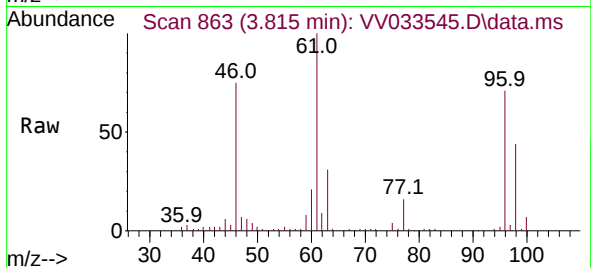
72 21.4 4.0 12.0#





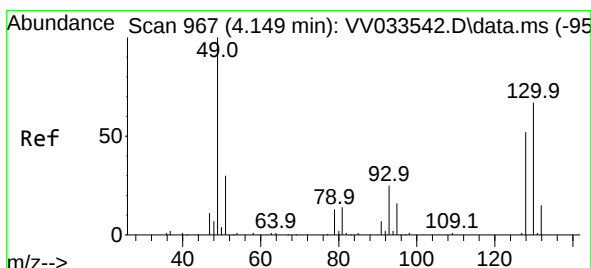
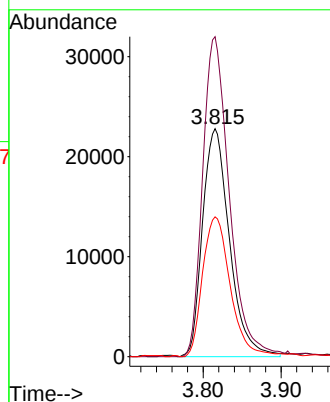
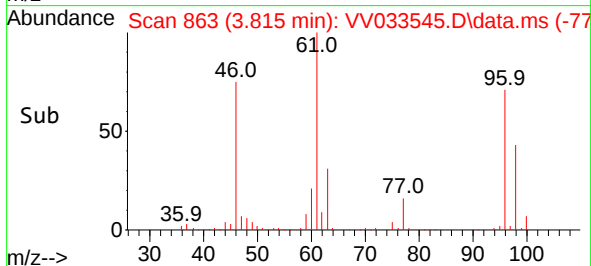
#22
 cis-1,2-Dichloroethene
 Concen: 5.328 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV033545.D
 Acq: 28 Dec 2023 12:28

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 54799

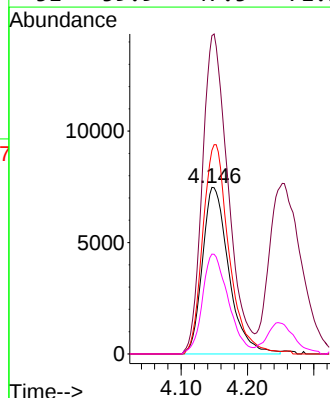
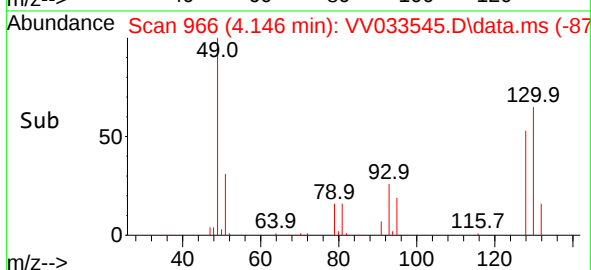
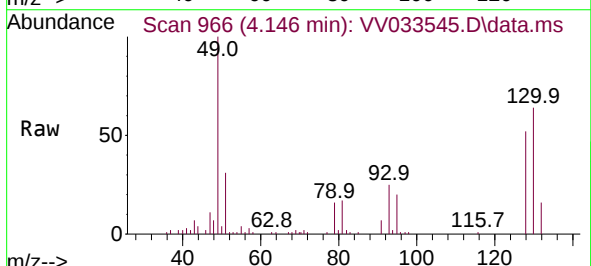
Ion	Ratio	Lower	Upper
96	100		
61	140.4	100.6	186.8
98	61.4	45.8	85.2

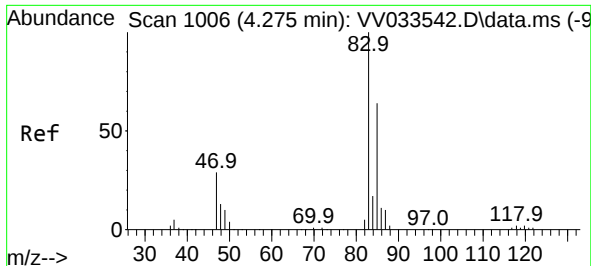


#23
 Bromochloromethane
 Concen: 5.211 ug/L
 RT: 4.146 min Scan# 966
 Delta R.T. -0.003 min
 Lab File: VV033545.D
 Acq: 28 Dec 2023 12:28

Tgt Ion: 128 Resp: 20675

Ion	Ratio	Lower	Upper
128	100		
49	191.1	135.2	251.0
130	122.3	89.9	167.0
51	59.9	47.5	71.3

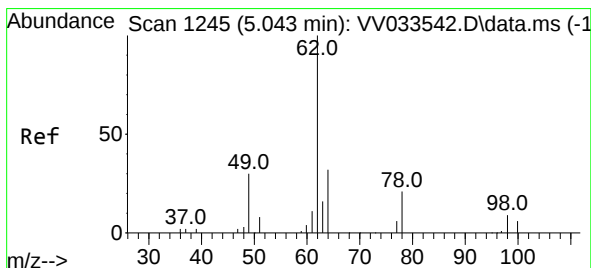
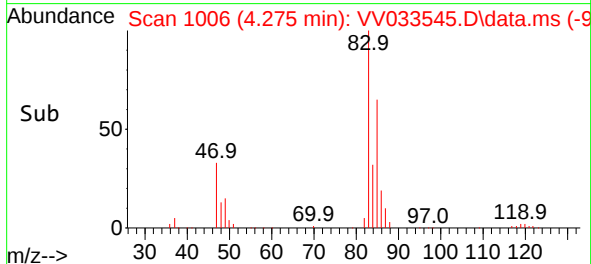
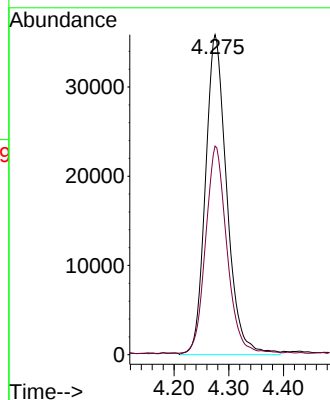
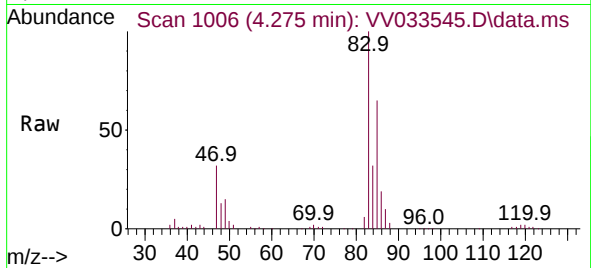




#25
Chloroform
Concen: 5.256 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

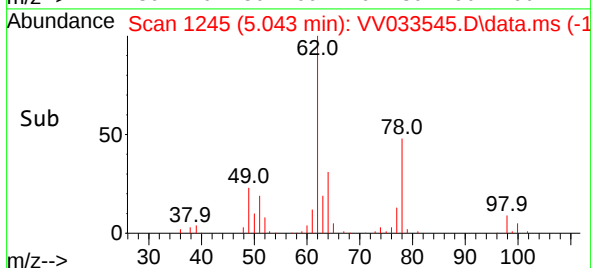
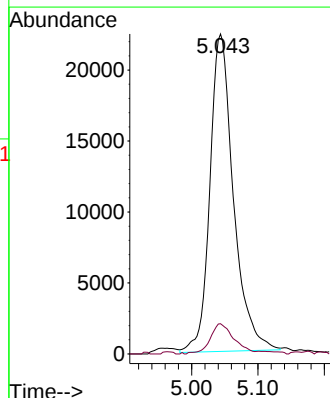
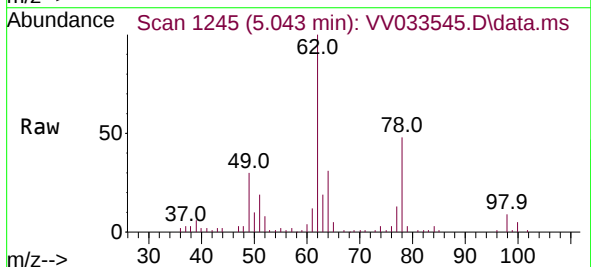
Instrument :
MSVOA_V
ClientSampleId :

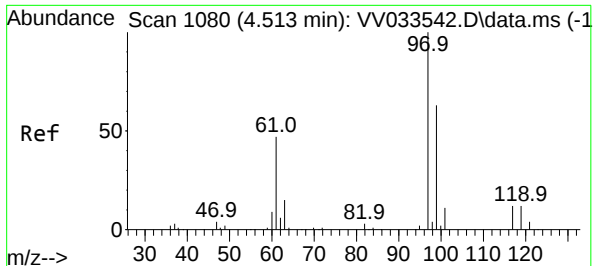
Tgt Ion: 83 Resp: 97162
Ion Ratio Lower Upper
83 100
85 65.2 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.143 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

Tgt Ion: 62 Resp: 55226
Ion Ratio Lower Upper
62 100
98 9.5 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.131 ug/L

RT: 4.510 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

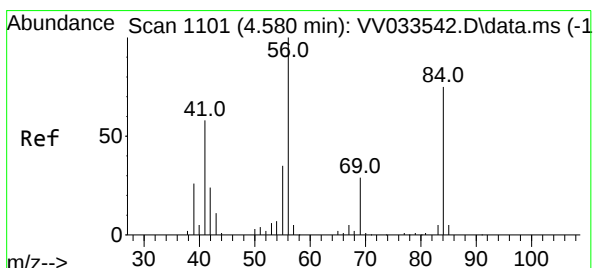
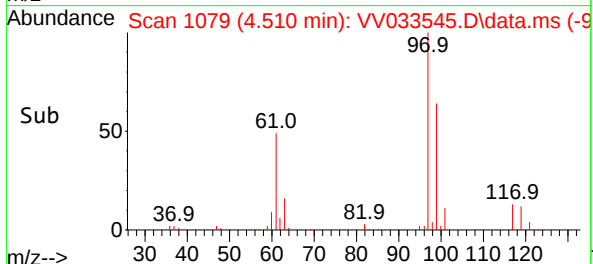
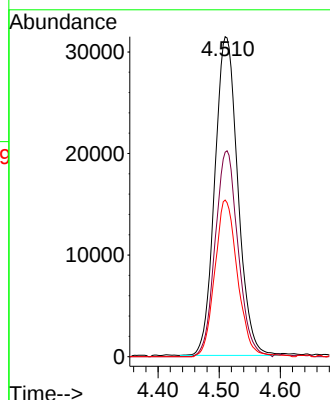
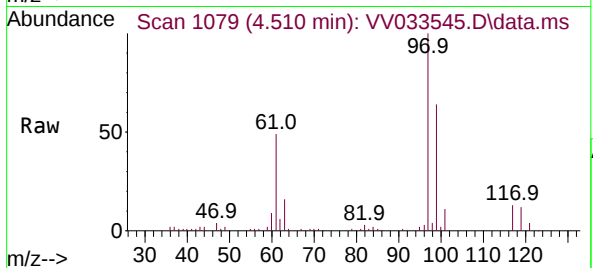
Tgt Ion: 97 Resp: 82295

Ion Ratio Lower Upper

97 100

99 64.1 51.9 77.9

61 48.5 38.6 57.8



#30

Cyclohexane

Concen: 5.234 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

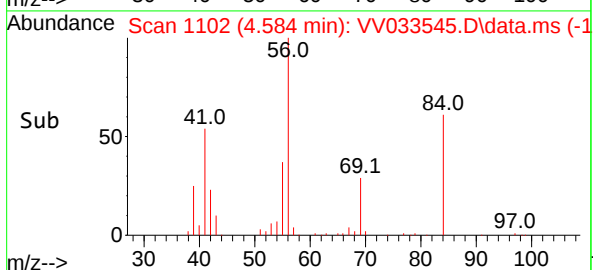
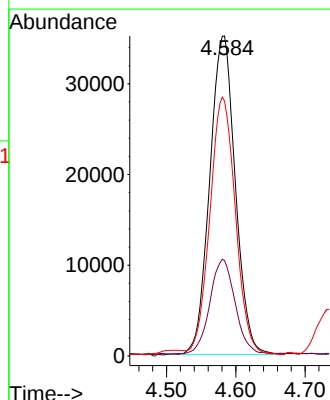
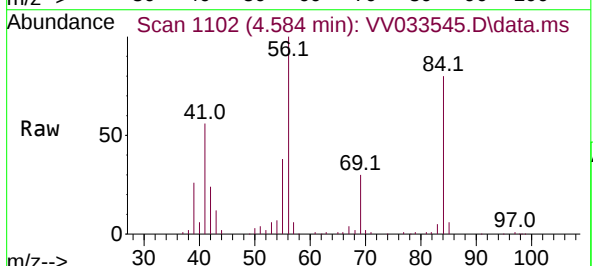
Tgt Ion: 56 Resp: 90048

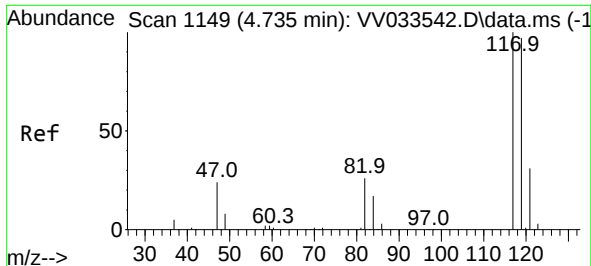
Ion Ratio Lower Upper

56 100

69 29.0 23.8 35.6

84 80.8 63.0 94.6

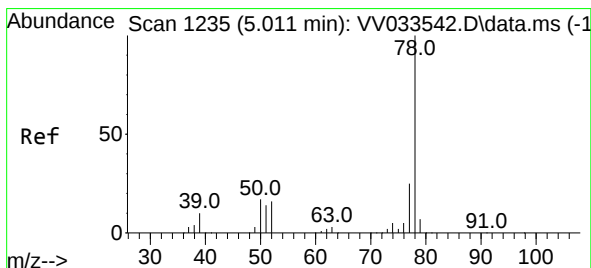
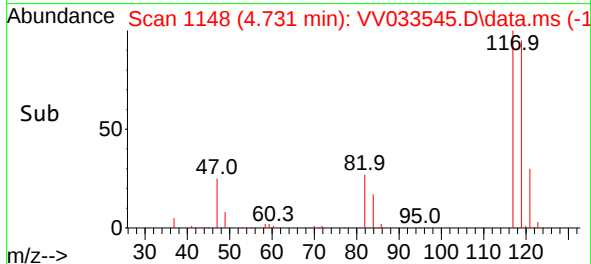
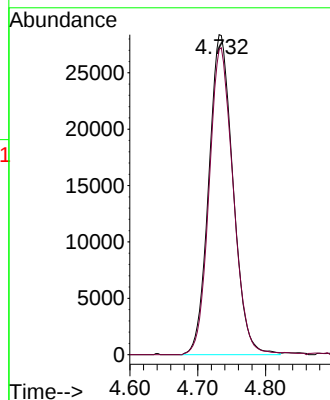
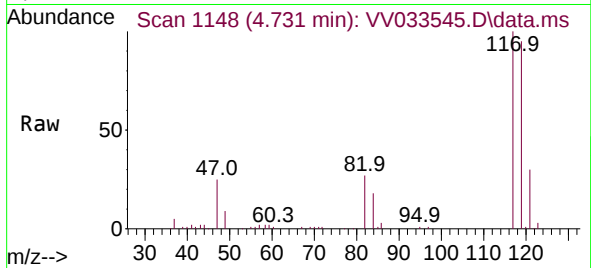




#31
Carbon tetrachloride
Concen: 5.385 ug/L
RT: 4.731 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

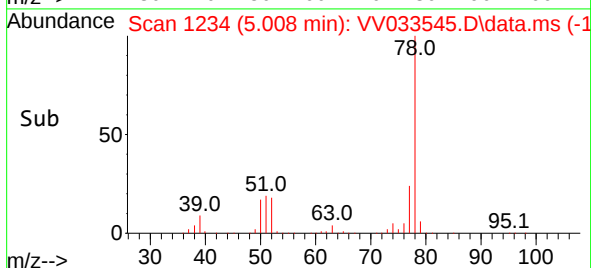
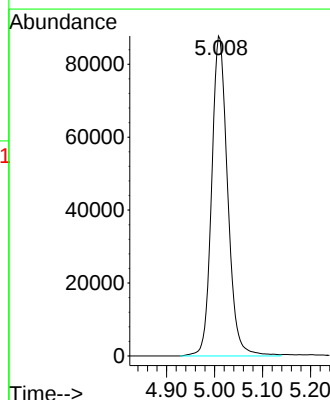
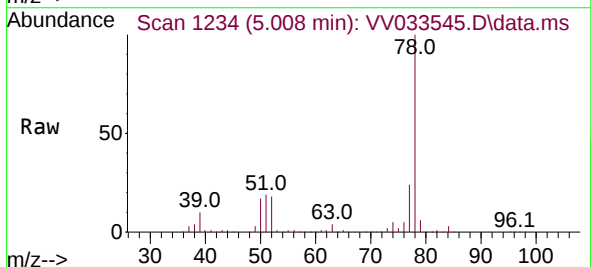
Instrument :
MSVOA_V
ClientSampleId :

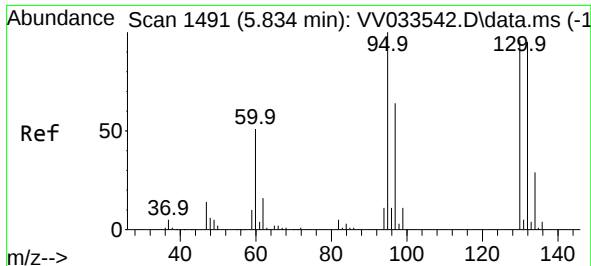
Tgt Ion:117 Resp: 70628
Ion Ratio Lower Upper
117 100
119 95.1 77.3 115.9



#33
Benzene
Concen: 5.237 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

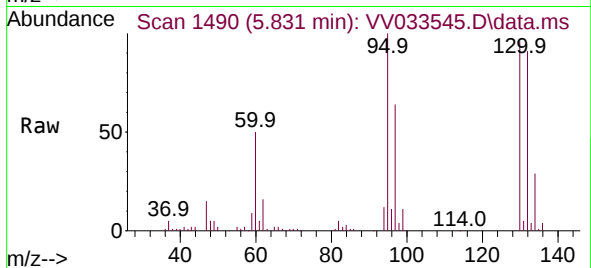
Tgt Ion: 78 Resp: 203536



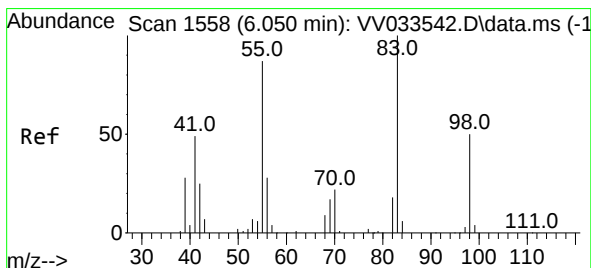
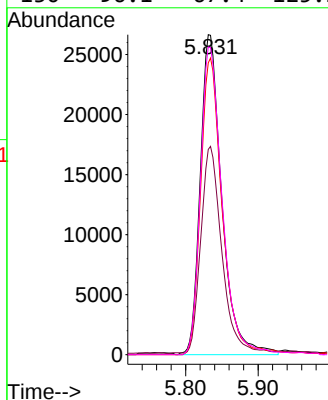
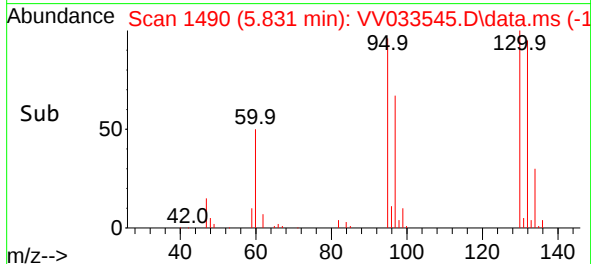


#34
Trichloroethene
Concen: 5.263 ug/L
RT: 5.831 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

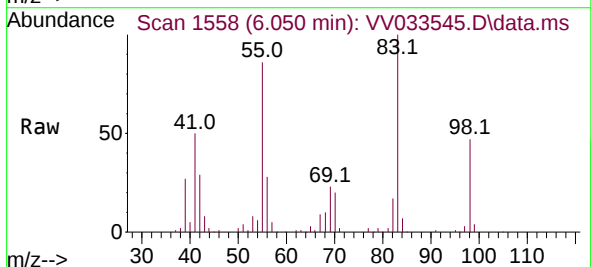
Instrument :
MSVOA_V
ClientSampleId :



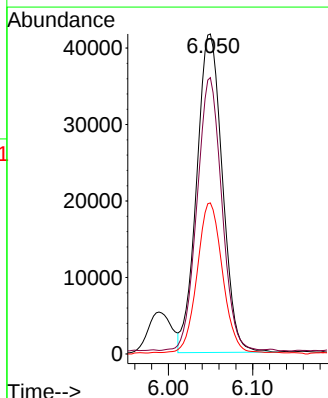
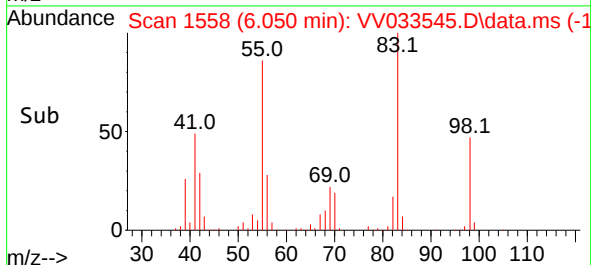
Tgt Ion: 95 Resp: 55225
Ion Ratio Lower Upper
95 100
97 64.1 45.5 84.5
132 91.2 66.3 123.1
130 96.1 67.4 125.2

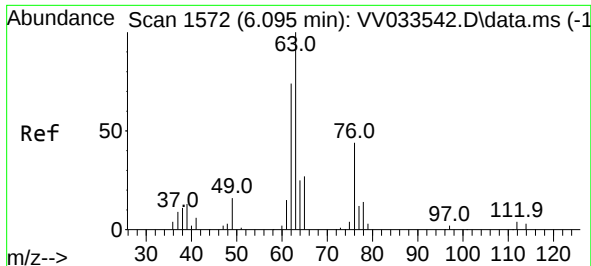


#35
Methylcyclohexane
Concen: 5.301 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28



Tgt Ion: 83 Resp: 88301
Ion Ratio Lower Upper
83 100
55 82.6 67.7 101.5
98 45.9 38.2 57.2





#37

1,2-Dichloropropane

Concen: 5.344 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

Instrument :

MSVOA_V

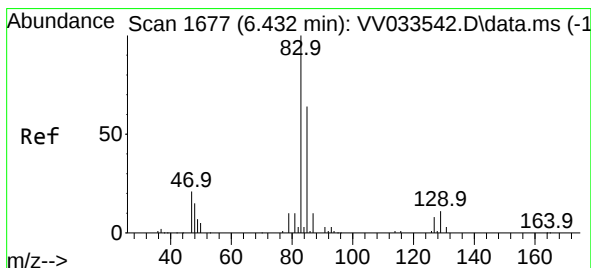
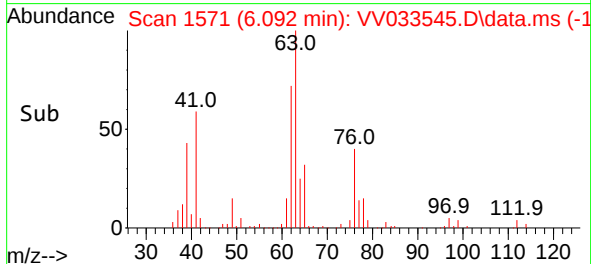
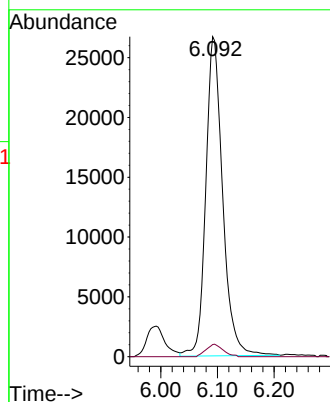
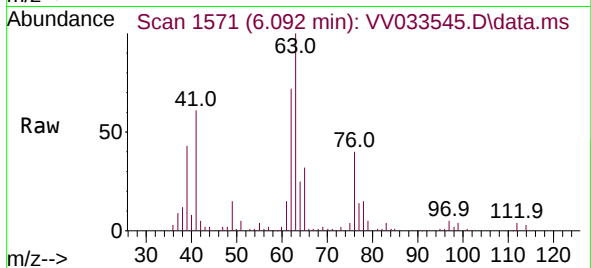
ClientSampleId :

Tgt Ion: 63 Resp: 55139

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 5.255 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

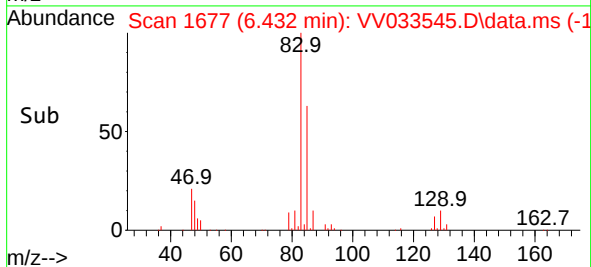
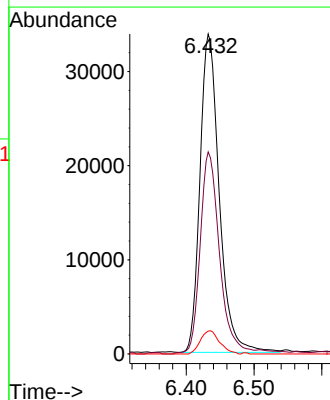
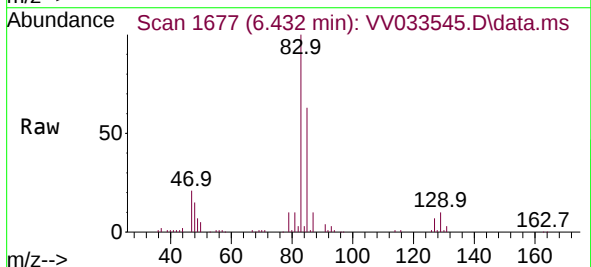
Tgt Ion: 83 Resp: 66713

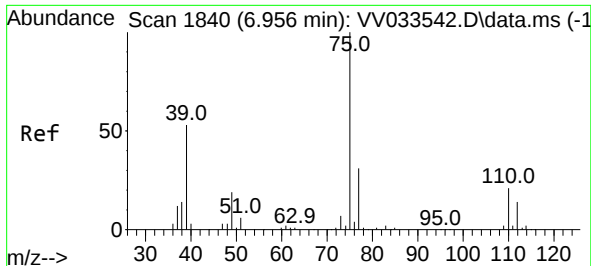
Ion Ratio Lower Upper

83 100

85 63.2 44.6 82.8

127 7.2 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 5.403 ug/L

RT: 6.956 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

Instrument :

MSVOA_V

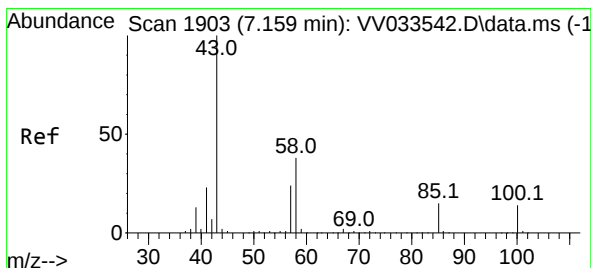
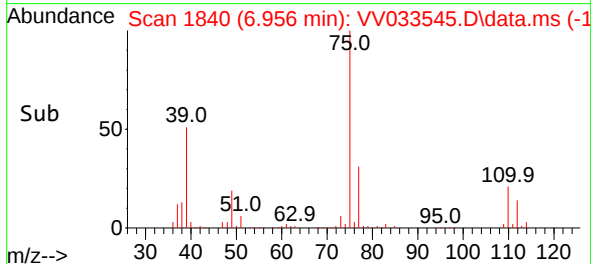
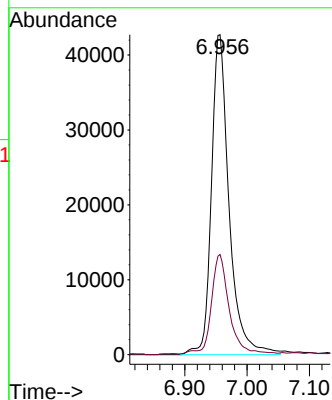
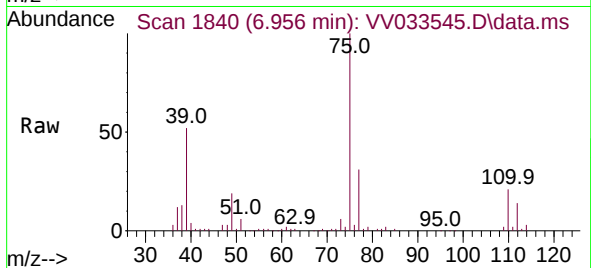
ClientSampleId :

Tgt Ion: 75 Resp: 83818

Ion Ratio Lower Upper

75 100

77 31.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 53.359 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

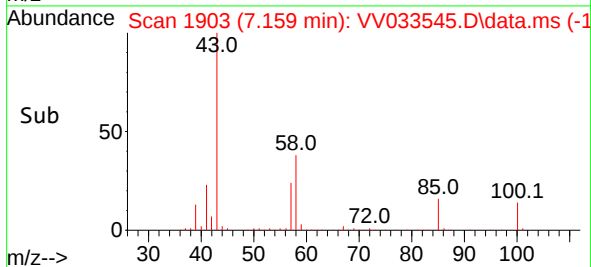
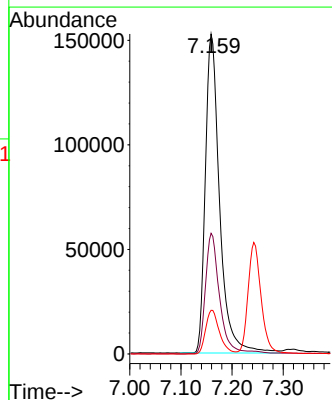
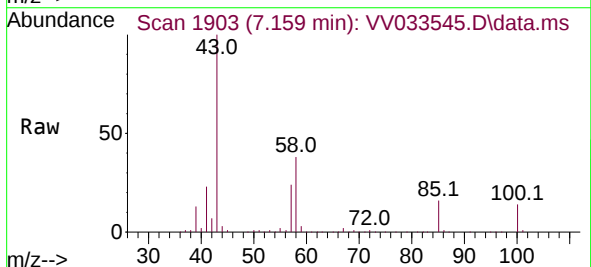
Tgt Ion: 43 Resp: 296560

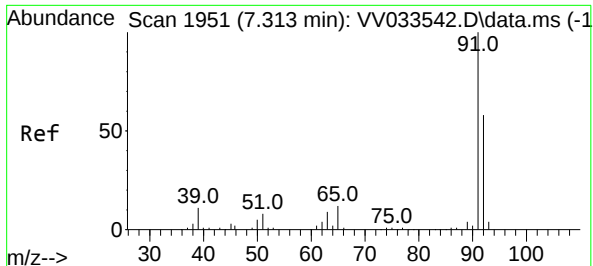
Ion Ratio Lower Upper

43 100

58 36.8 31.4 47.0

100 13.3 10.5 15.7





#42

Toluene

Concen: 5.234 ug/L

RT: 7.317 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

Instrument :

MSVOA_V

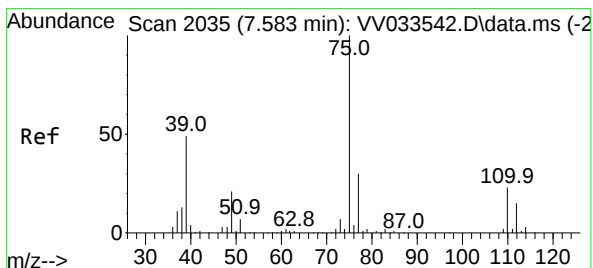
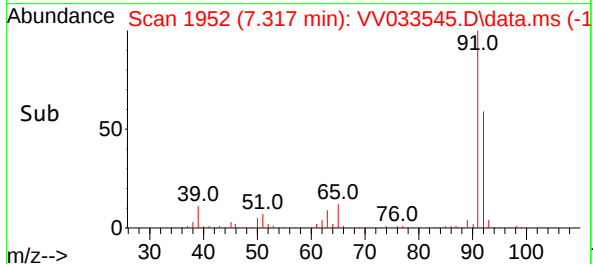
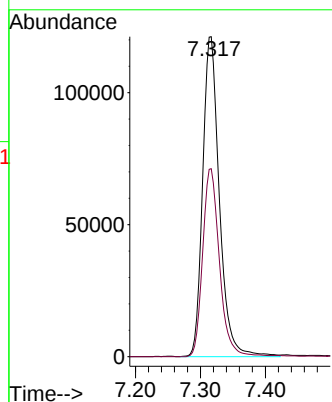
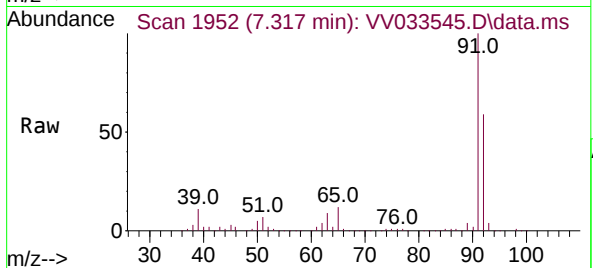
ClientSampleId :

Tgt Ion: 91 Resp: 217652

Ion Ratio Lower Upper

91 100

92 58.7 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.484 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV033545.D

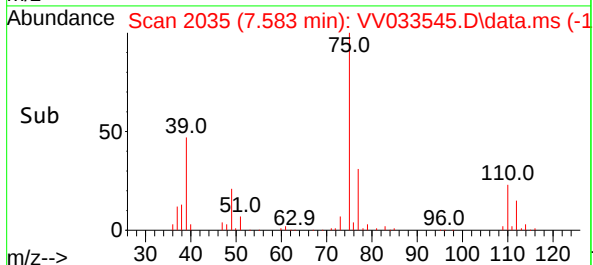
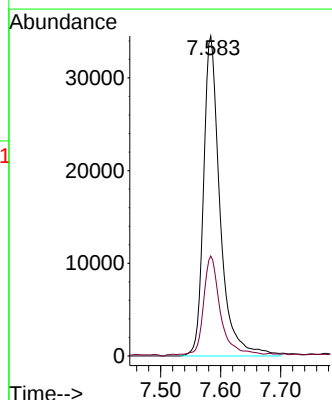
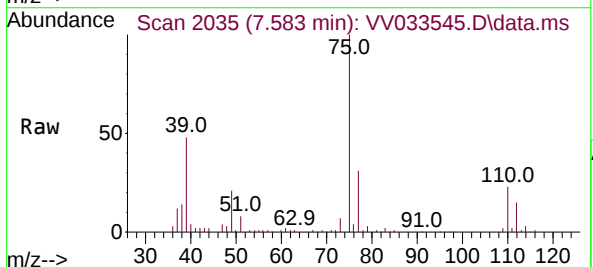
Acq: 28 Dec 2023 12:28

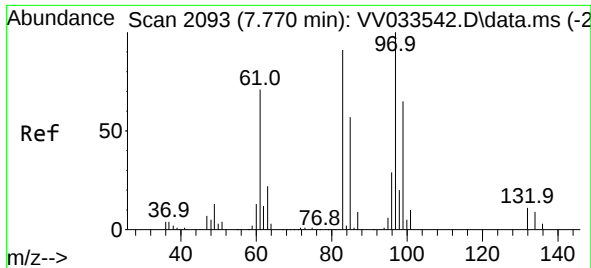
Tgt Ion: 75 Resp: 66200

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.2

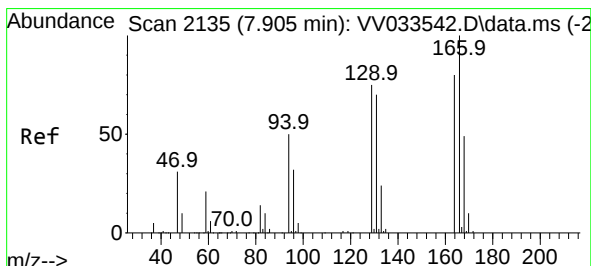
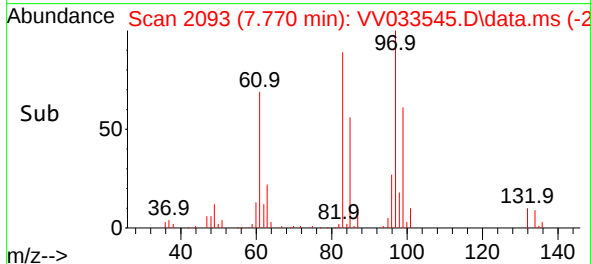
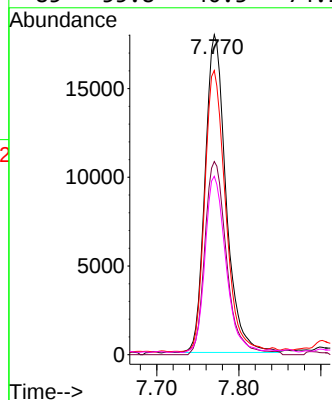
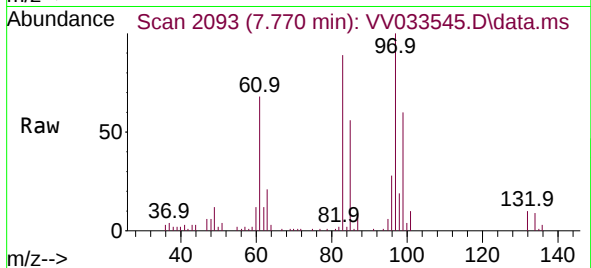




#45
1,1,2-Trichloroethane
Concen: 5.139 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

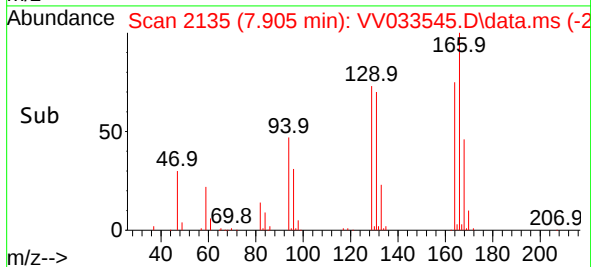
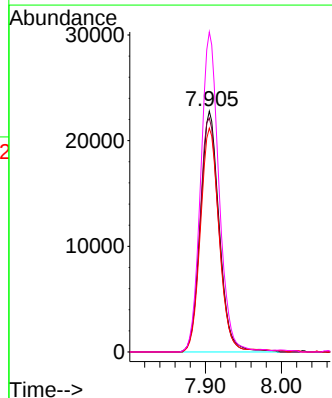
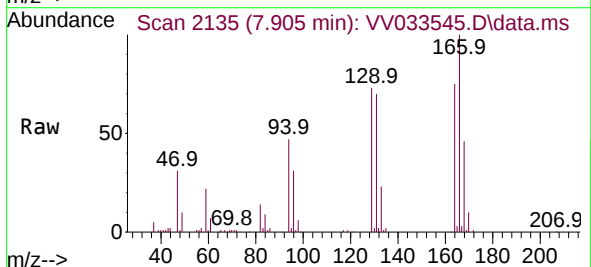
Instrument :
MSVOA_V
ClientSampleId :

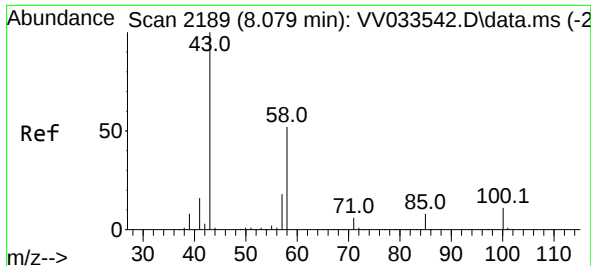
Tgt Ion: 97	Resp: 31927
Ion Ratio	Lower Upper
97 100	
99 60.4	45.2 84.0
83 88.8	64.3 119.3
85 55.8	40.3 74.9



#47
Tetrachloroethene
Concen: 5.300 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

Tgt	Ion:164	Resp:	39162
Ion	Ratio	Lower	Upper
164	100		
129	97.2	66.2	123.0
131	92.9	61.2	113.8
166	132.9	87.9	163.3

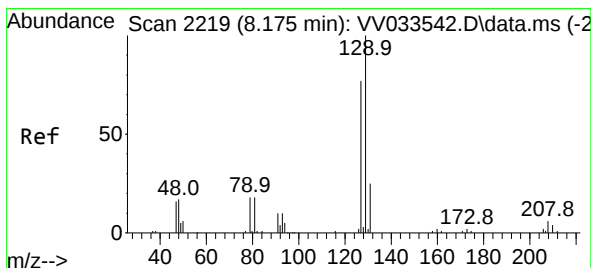
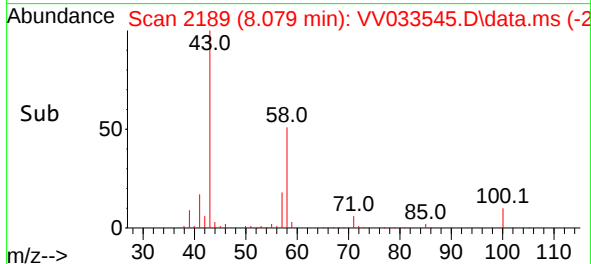
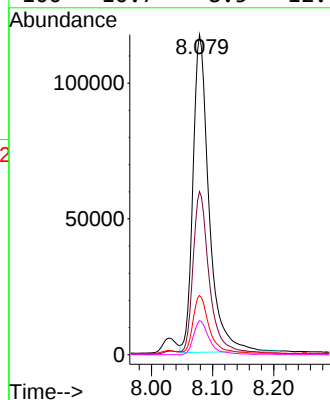
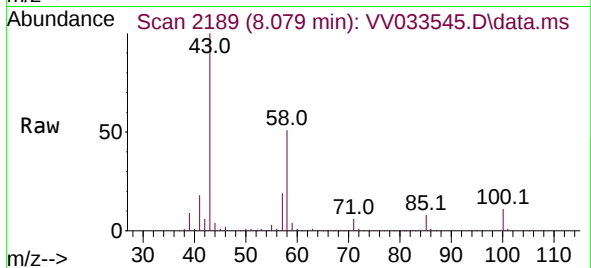




#48
2-Hexanone
Concen: 52.290 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

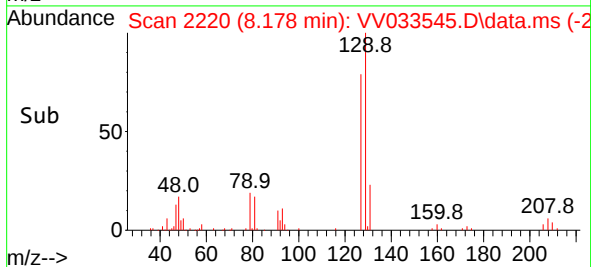
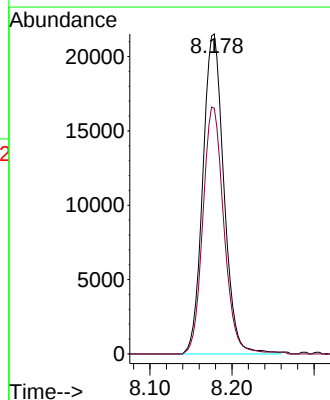
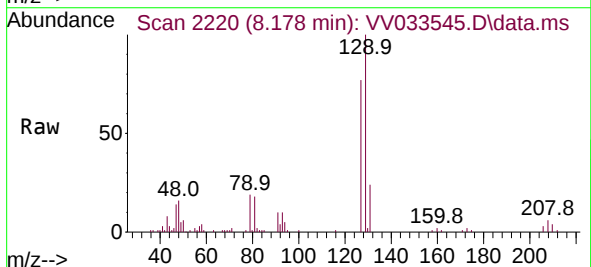
Instrument :
MSVOA_V
ClientSampleId :

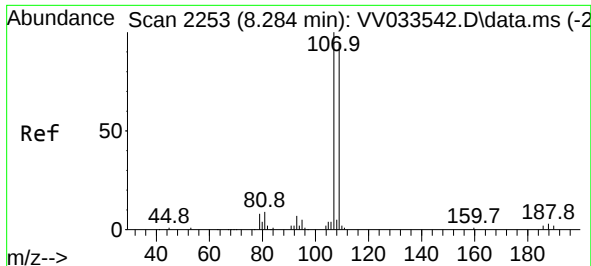
Tgt Ion:	43	Resp:	213766
Ion	Ratio	Lower	Upper
43	100		
58	52.8	43.3	64.9
57	18.3	14.4	21.6
100	10.7	8.5	12.7



#49
Dibromochloromethane
Concen: 5.273 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

Tgt Ion:	129	Resp:	38352
Ion	Ratio	Lower	Upper
129	100		
127	76.8	53.9	100.1

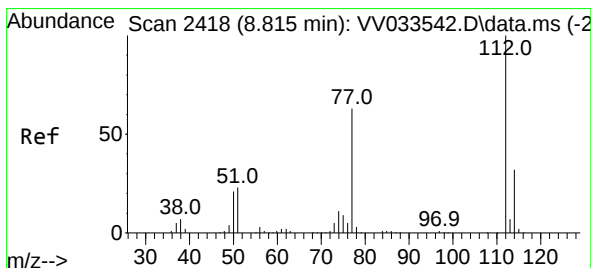
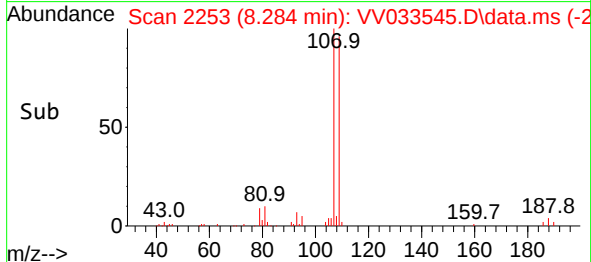
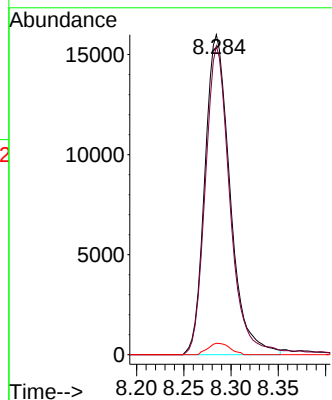
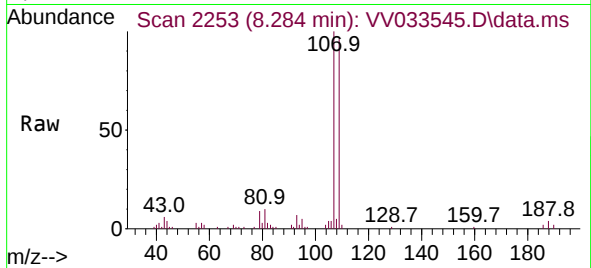




#50
1,2-Dibromoethane
Concen: 5.119 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

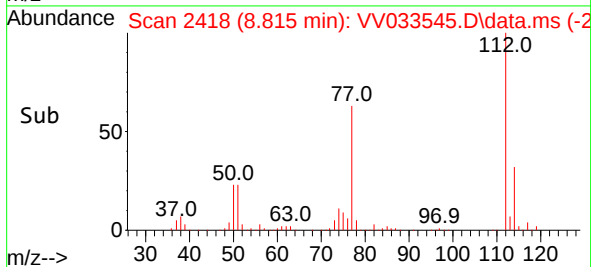
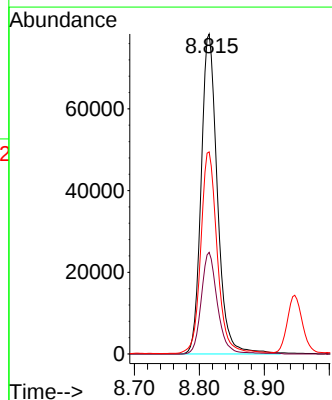
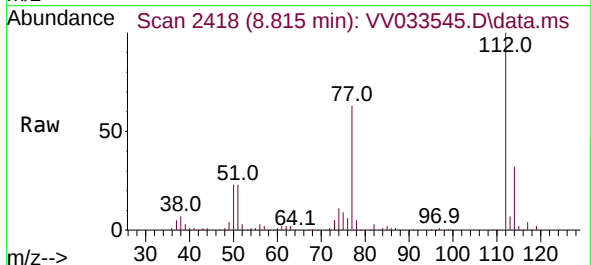
Instrument :
MSVOA_V
ClientSampleId :

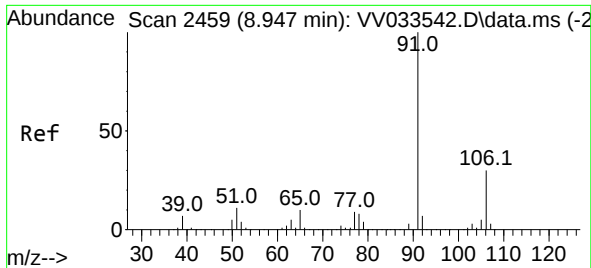
Tgt Ion:107 Resp: 29670
Ion Ratio Lower Upper
107 100
109 96.5 65.8 122.2
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 5.239 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

Tgt Ion:112 Resp: 136460
Ion Ratio Lower Upper
112 100
114 31.7 22.7 42.1
77 63.1 50.6 76.0

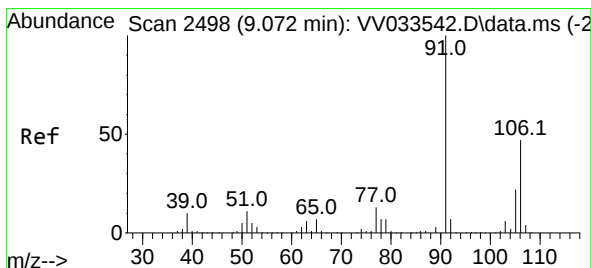
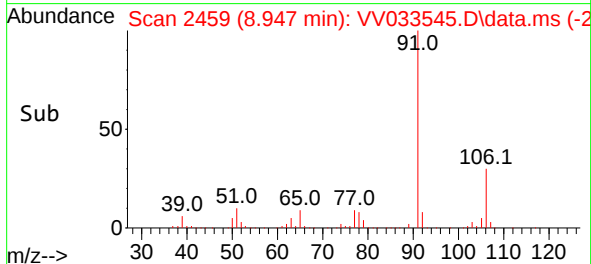
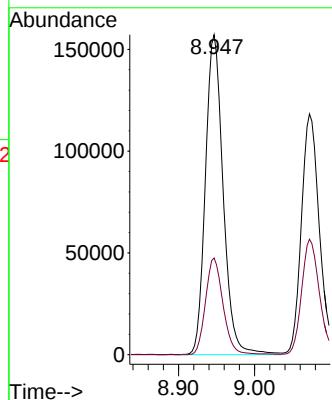
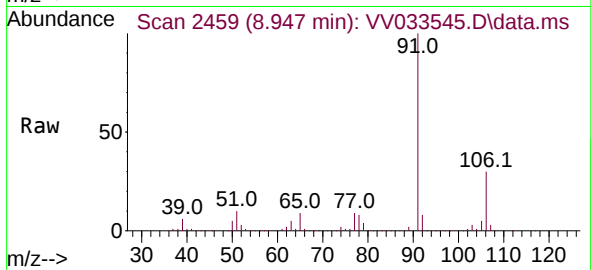




#52
Ethylbenzene
Concen: 5.209 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

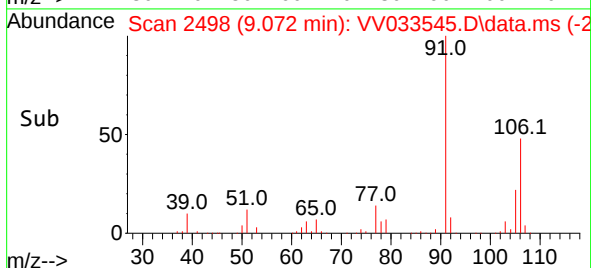
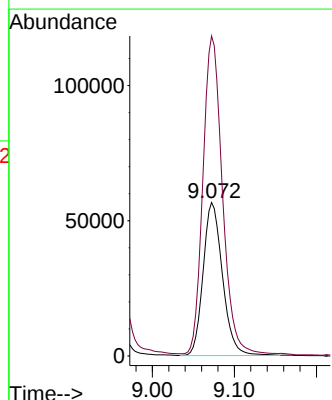
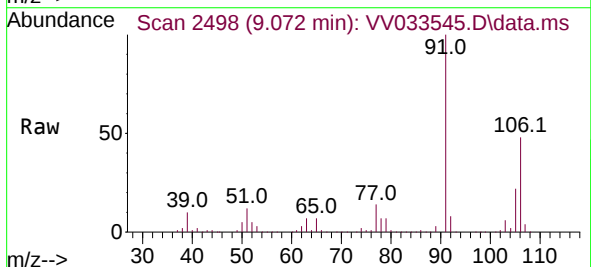
Instrument :
MSVOA_V
ClientSampleId :

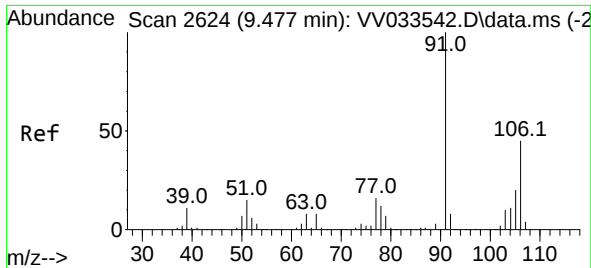
Tgt Ion: 91 Resp: 254568
Ion Ratio Lower Upper
91 100
106 30.2 20.9 38.9



#53
m,p-Xylene
Concen: 5.129 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

Tgt Ion: 106 Resp: 92743
Ion Ratio Lower Upper
106 100
91 208.4 150.4 279.4

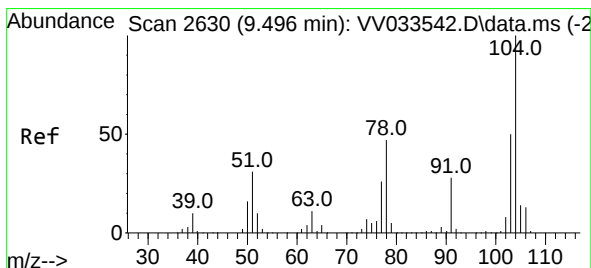
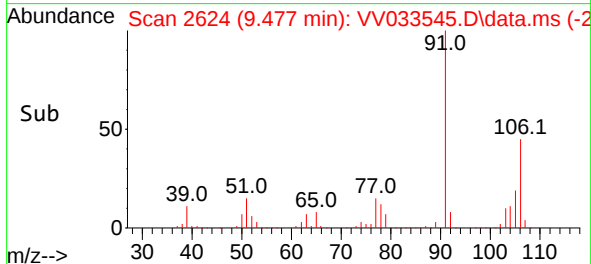
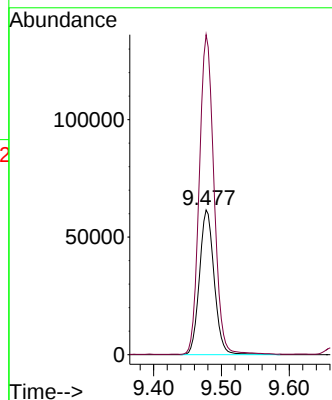
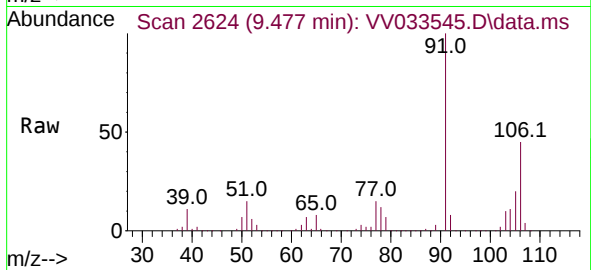




#54
o-Xylene
Concen: 5.299 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

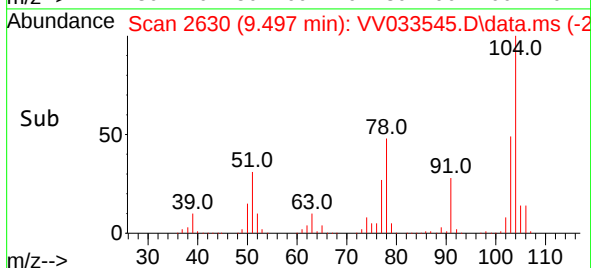
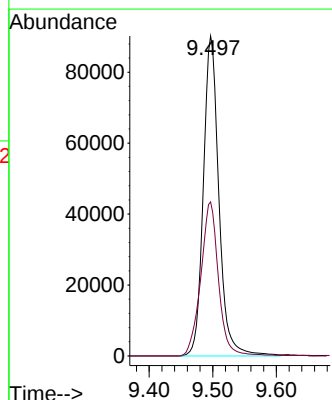
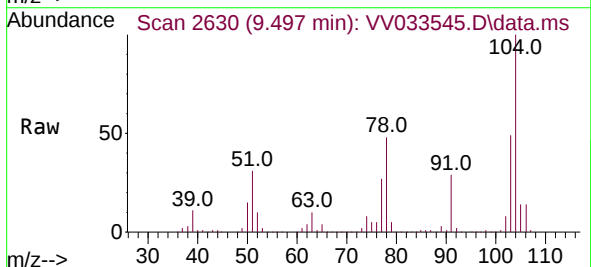
Instrument :
MSVOA_V
ClientSampleId :

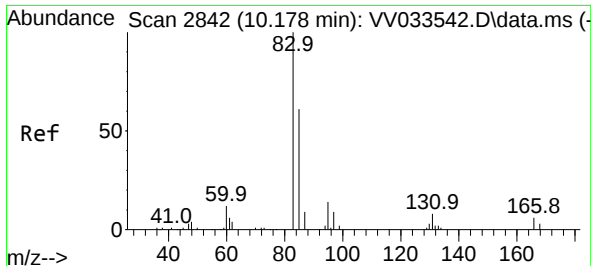
Tgt Ion:106 Resp: 92990
Ion Ratio Lower Upper
106 100
91 220.9 156.1 289.9



#55
Styrene
Concen: 5.222 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

Tgt Ion:104 Resp: 153659
Ion Ratio Lower Upper
104 100
78 48.2 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.084 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

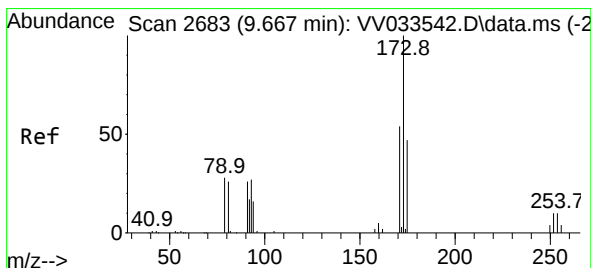
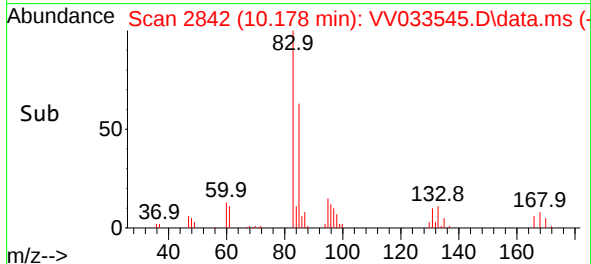
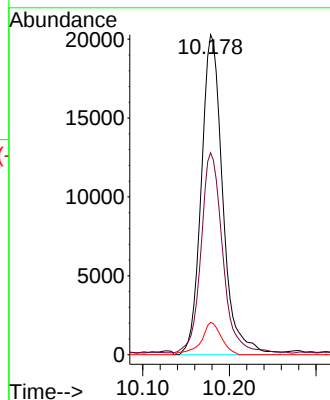
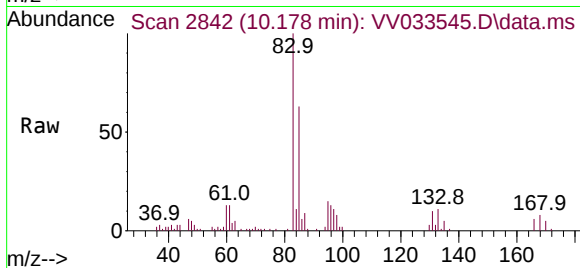
Tgt Ion: 83 Resp: 34950

Ion Ratio Lower Upper

83 100

85 63.1 44.2 82.0

131 10.1 7.2 10.8



#59

Bromoform

Concen: 5.388 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

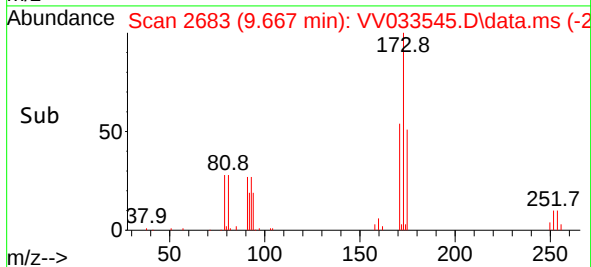
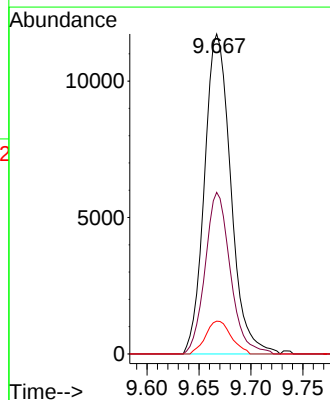
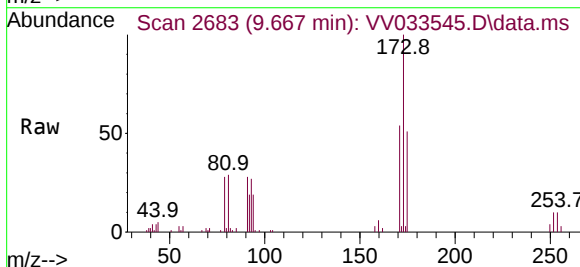
Tgt Ion: 173 Resp: 20642

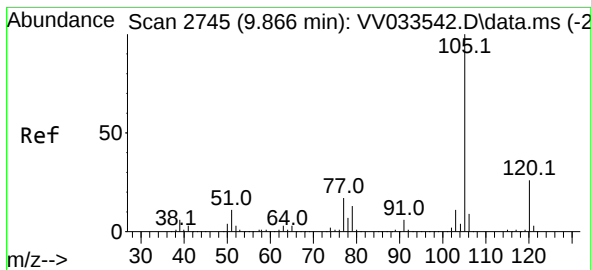
Ion Ratio Lower Upper

173 100

175 48.4 36.6 55.0

254 9.9 7.8 11.8





#60

Isopropylbenzene

Concen: 5.267 ug/L

RT: 9.866 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

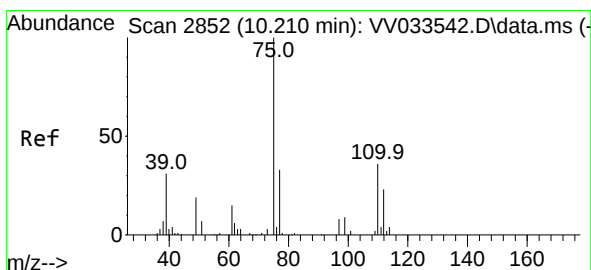
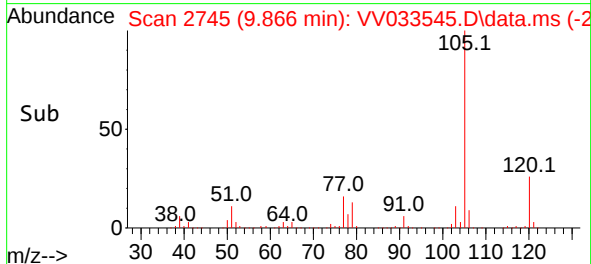
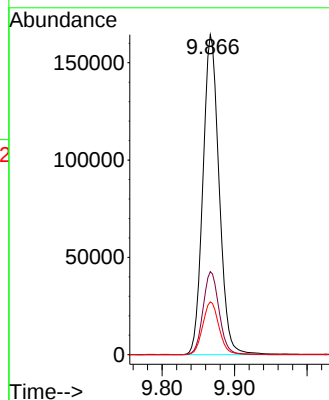
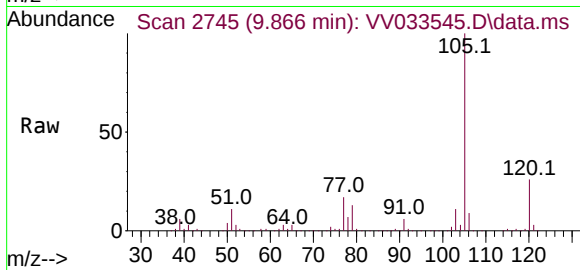
Tgt Ion:105 Resp: 255545

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 16.4 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 5.346 ug/L

RT: 10.210 min Scan# 2852

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

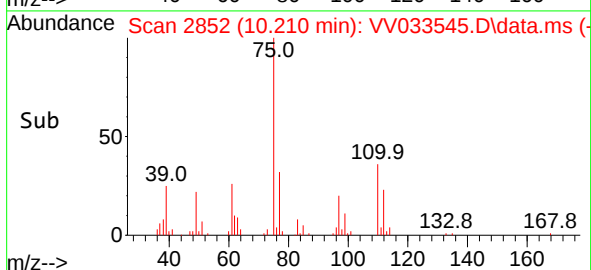
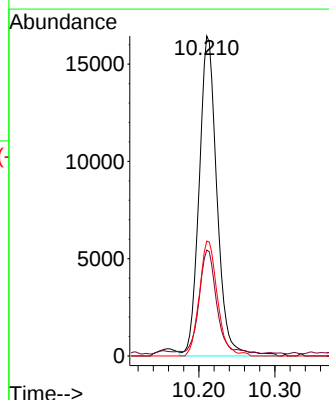
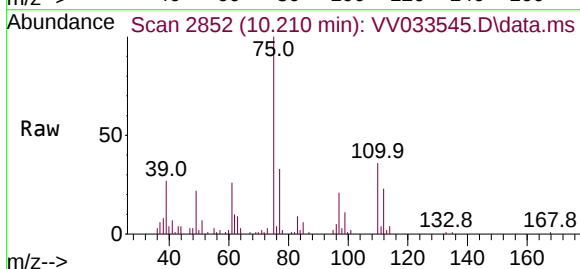
Tgt Ion: 75 Resp: 26815

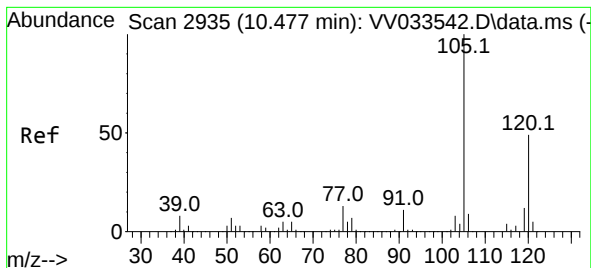
Ion Ratio Lower Upper

75 100

77 31.5 26.4 39.6

110 36.0 29.2 43.8





#62

1,3,5-Trimethylbenzene

Concen: 5.237 ug/L

RT: 10.477 min Scan# 2935

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

Instrument :

MSVOA_V

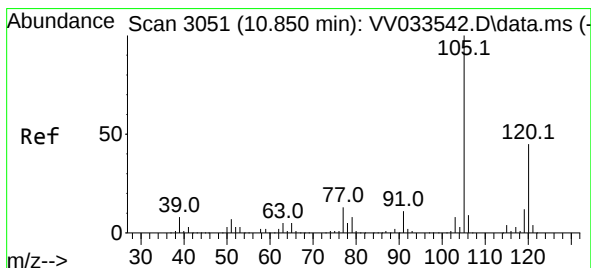
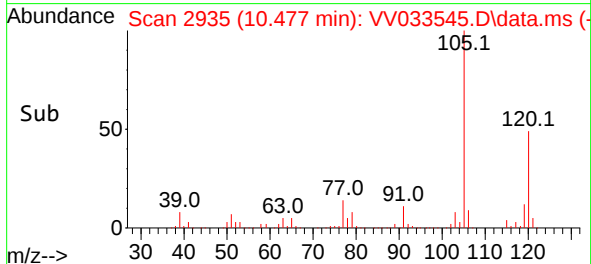
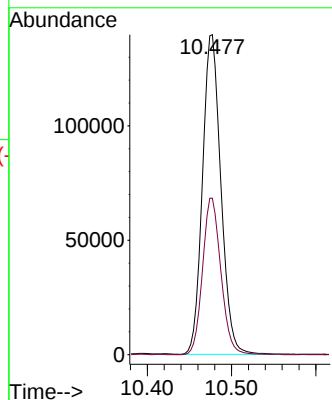
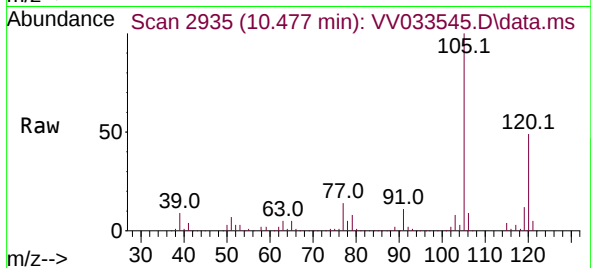
ClientSampleId :

Tgt Ion:105 Resp: 212995

Ion Ratio Lower Upper

105 100

120 48.8 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 5.343 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV033545.D

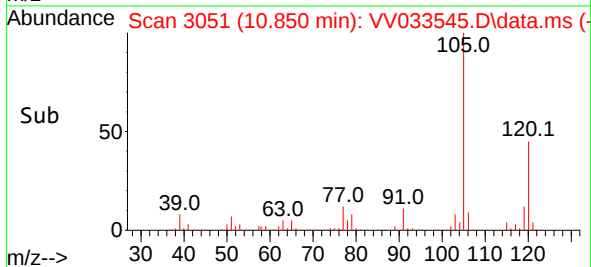
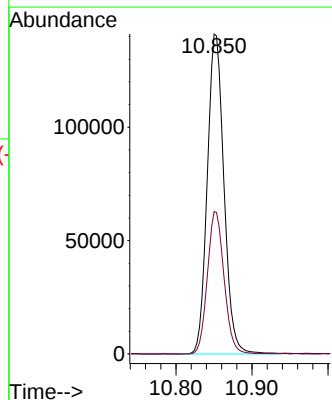
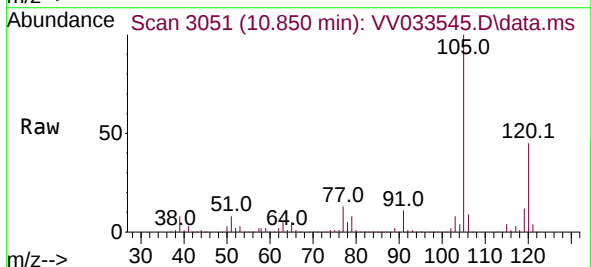
Acq: 28 Dec 2023 12:28

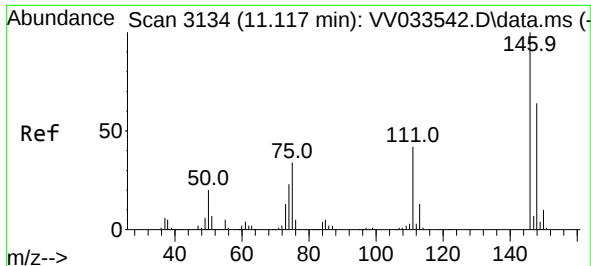
Tgt Ion:105 Resp: 215093

Ion Ratio Lower Upper

105 100

120 44.5 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.240 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

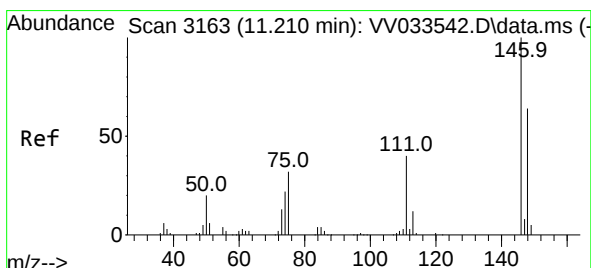
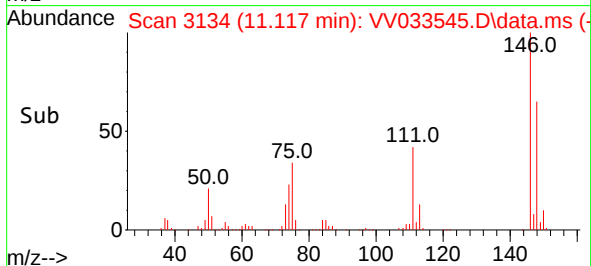
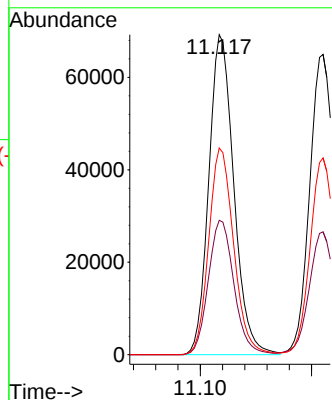
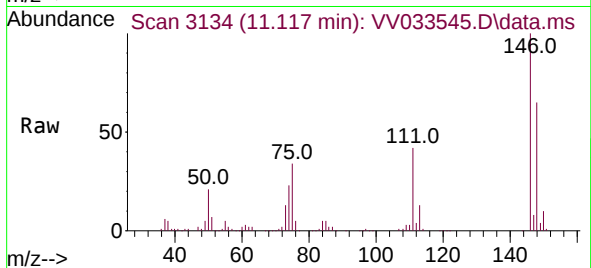
Tgt Ion:146 Resp: 108008

Ion Ratio Lower Upper

146 100

111 42.0 29.5 54.7

148 64.6 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 5.032 ug/L

RT: 11.210 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

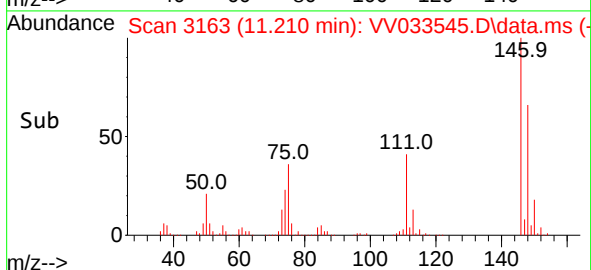
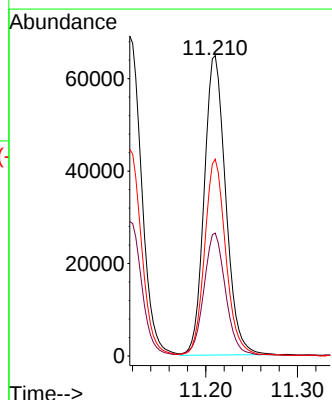
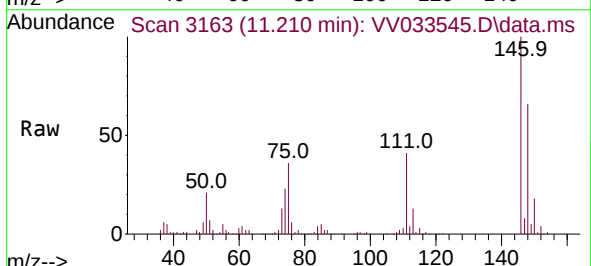
Tgt Ion:146 Resp: 105801

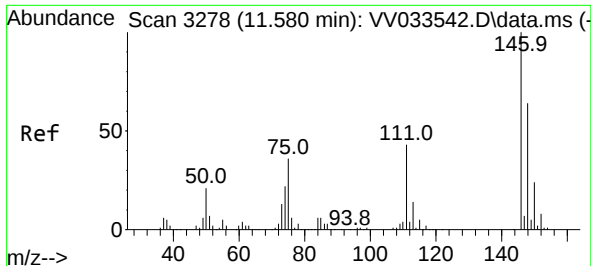
Ion Ratio Lower Upper

146 100

111 40.9 28.0 52.0

148 65.5 44.5 82.7

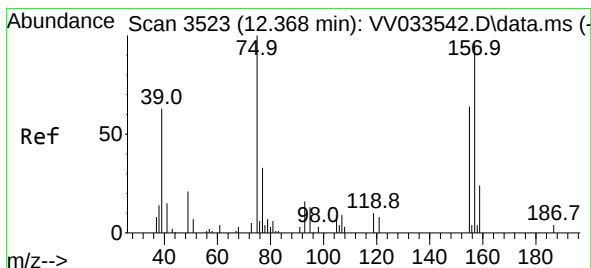
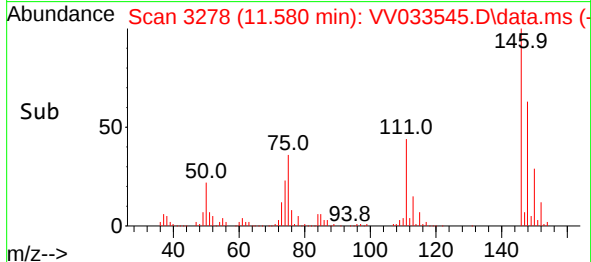
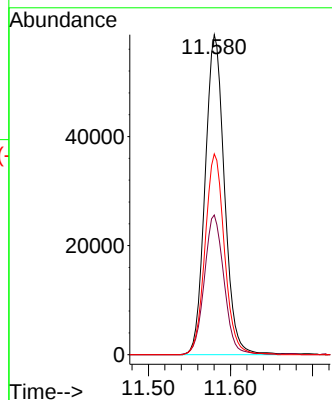
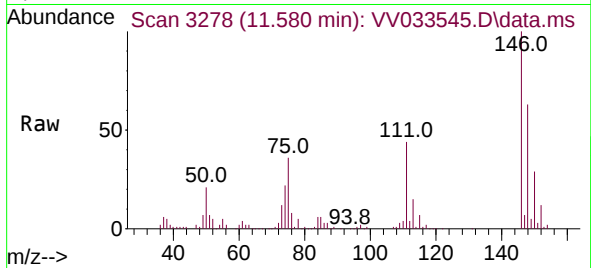




#67
1,2-Dichlorobenzene
Concen: 5.292 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

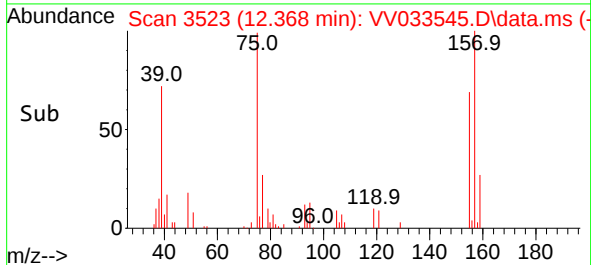
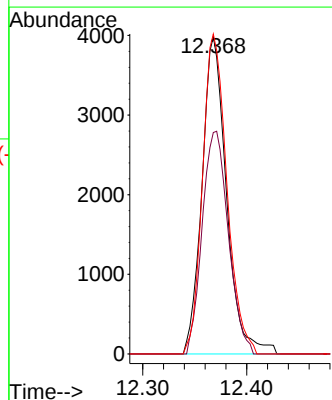
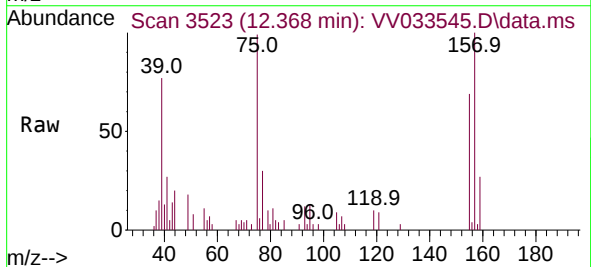
Instrument :
MSVOA_V
ClientSampleId :

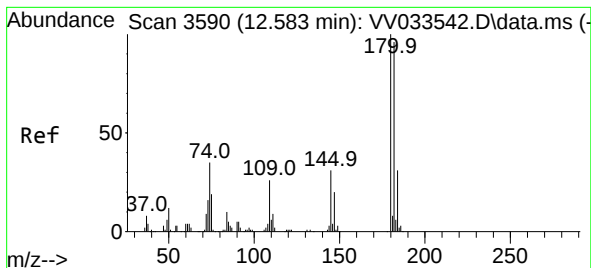
Tgt Ion:146 Resp: 96010
Ion Ratio Lower Upper
146 100
111 43.6 34.6 51.8
148 62.7 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 5.546 ug/L
RT: 12.368 min Scan# 3523
Delta R.T. 0.000 min
Lab File: VV033545.D
Acq: 28 Dec 2023 12:28

Tgt Ion: 75 Resp: 6516
Ion Ratio Lower Upper
75 100
155 69.8 51.4 77.2
157 100.9 77.0 115.6





#69

1,3,5-Trichlorobenzene

Concen: 5.269 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 83743

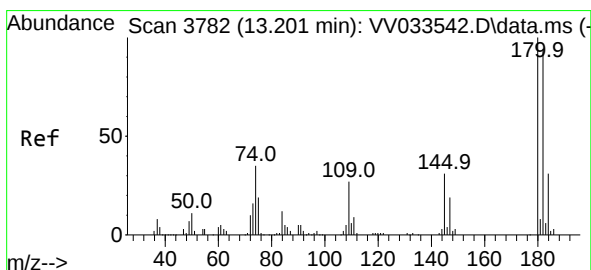
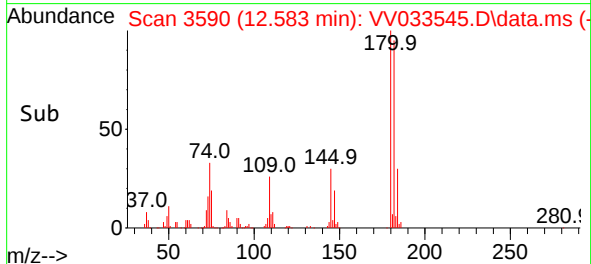
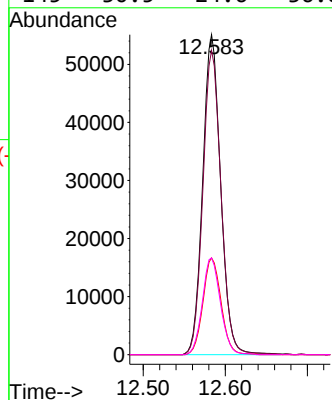
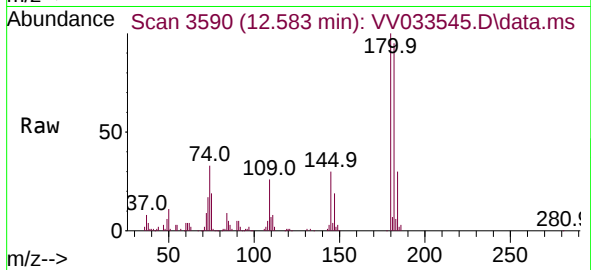
Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

184 30.5 24.2 36.4

145 30.5 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 5.219 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

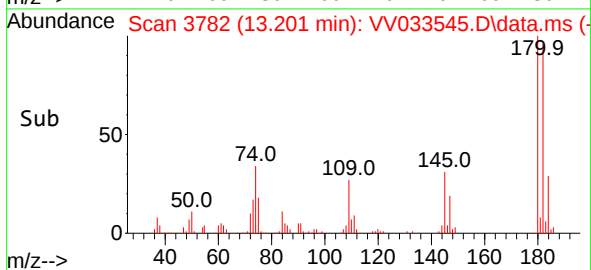
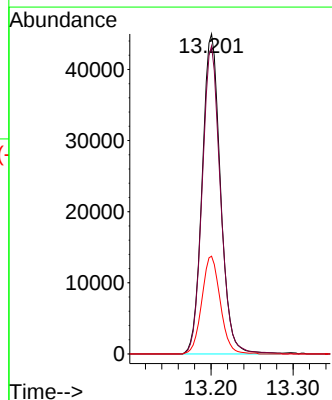
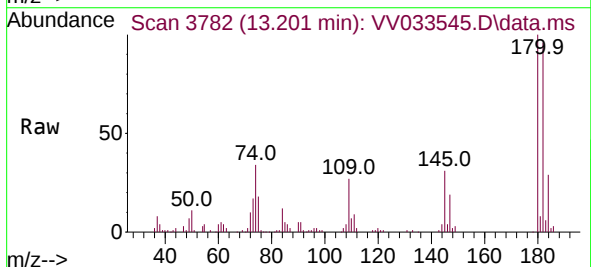
Tgt Ion:180 Resp: 69535

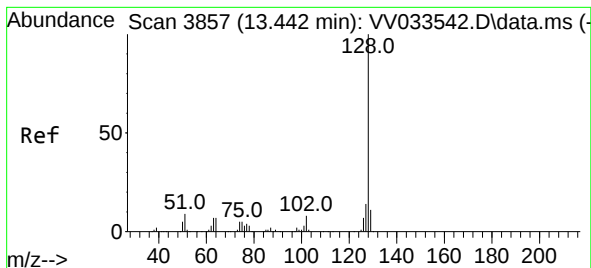
Ion Ratio Lower Upper

180 100

182 96.0 76.1 114.1

145 30.9 25.1 37.7





#71

Naphthalene

Concen: 6.698 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

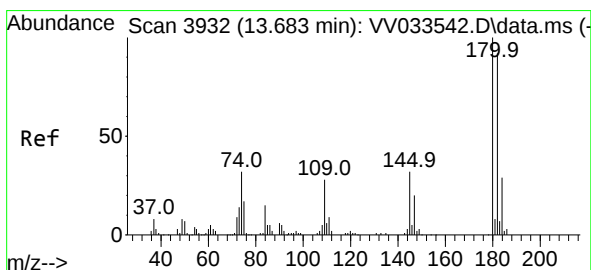
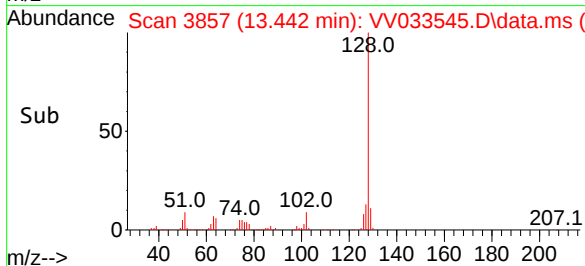
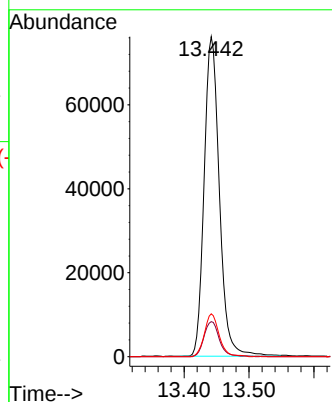
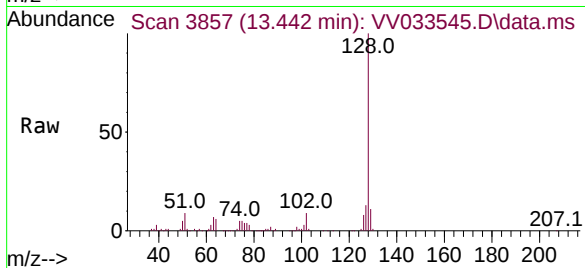
Tgt Ion:128 Resp: 124546

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.0 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 5.392 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV033545.D

Acq: 28 Dec 2023 12:28

Tgt Ion:180 Resp: 56657

Ion Ratio Lower Upper

180 100

182 95.5 75.4 113.0

145 33.3 26.6 40.0

