

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050324\
 Data File : VV035528.D
 Acq On : 03 May 2024 11:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 03 23:18:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 23:16:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	447833	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	459600	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	248828	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	143447	41.542	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.080%
7) Chloroethane-d5	1.529	69	132213	51.957	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.920%
11) 1,1-Dichloroethene-d2	2.056	65	63867	43.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.180%
21) 2-Butanone-d5	3.786	46	238509	102.345	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.340%
24) Chloroform-d	4.240	84	323715	51.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.220%
26) 1,2-Dichloroethane-d4	4.934	65	196932	52.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.600%
32) Benzene-d6	4.953	84	615853	47.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.220%
36) 1,2-Dichloropropane-d6	5.982	67	199429	49.442	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.880%
41) Toluene-d8	7.239	98	563464	47.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.700%
43) trans-1,3-Dichloroprop...	7.548	79	88332	44.932	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.860%
47) 2-Hexanone-d5	8.021	63	184167	99.357	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.360%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	312058	50.772	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.540%
66) 1,2-Dichlorobenzene-d4	11.558	152	232949	47.121	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.240%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	122534	40.842	ug/L	98
3) Chloromethane	1.214	50	151705	46.676	ug/L	100
5) Vinyl chloride	1.281	62	151292	44.202	ug/L	99
6) Bromomethane	1.487	94	106837	49.092	ug/L	100
8) Chloroethane	1.545	64	108226	54.994	ug/L	100
9) Trichlorofluoromethane	1.709	101	205092	44.539	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	126268	43.261	ug/L	99
12) 1,1-Dichloroethene	2.066	96	117708	45.148	ug/L	88
13) Acetone	2.121	43	176067	81.608	ug/L	99
14) Carbon disulfide	2.236	76	304952	44.525	ug/L	100
15) Methyl Acetate	2.371	43	179690	51.344	ug/L	99
16) Methylene chloride	2.442	84	168659	51.055	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	132600	48.118	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	513309	52.965	ug/L	100
19) 1,1-Dichloroethane	3.105	63	291142	50.314	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	163148	49.777	ug/L	98
22) 2-Butanone	3.870	43	238331	93.315	ug/L	100
23) Bromochloromethane	4.140	128	93218	52.004	ug/L	97
25) Chloroform	4.269	83	308508	51.654	ug/L	100

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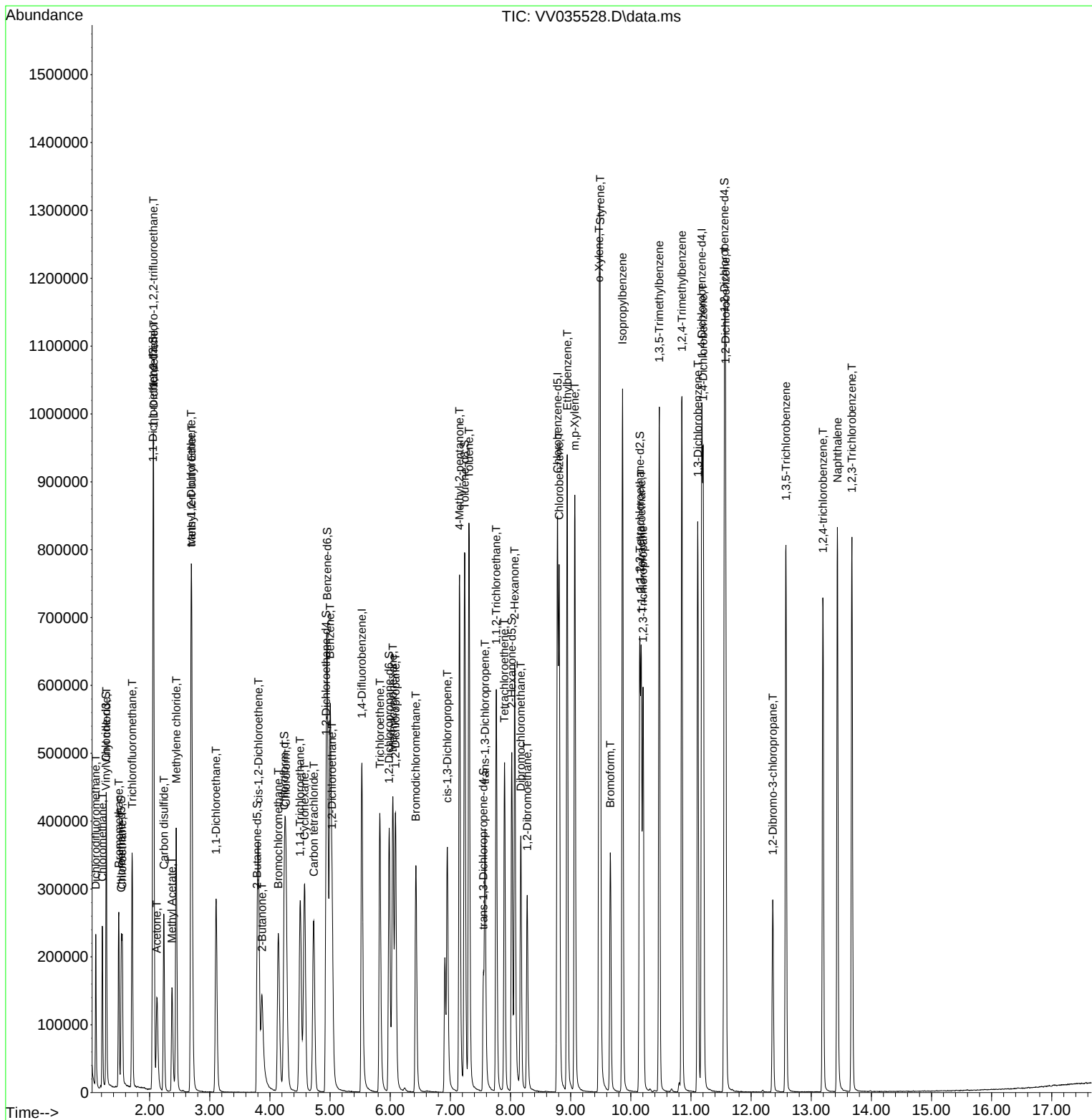
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 MSVOA_V
 ClientSampleId :

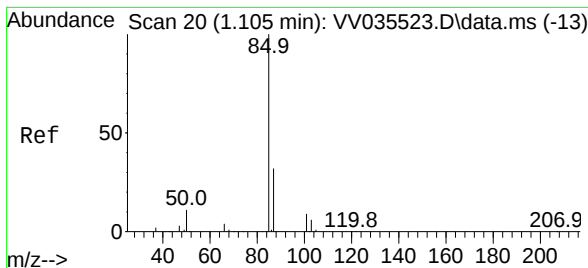
Quant Time: May 03 23:18:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 23:16:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	231465	54.151	ug/L	98
29) Cyclohexane	4.577	56	164272	40.032	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	239435	45.521	ug/L	99
31) Carbon tetrachloride	4.728	117	204029	44.862	ug/L	99
33) Benzene	5.002	78	600516	48.386	ug/L	100
34) Trichloroethene	5.828	95	152469	46.165	ug/L	99
35) Methylcyclohexane	6.043	83	186012	39.924	ug/L	100
37) 1,2-Dichloropropane	6.088	63	173226	50.800	ug/L	99
38) Bromodichloromethane	6.426	83	239108	50.968	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	235620	44.017	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	475969	104.568	ug/L	99
42) Toluene	7.310	91	628813	48.295	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	236373	46.489	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	187344	51.371	ug/L	98
46) Tetrachloroethene	7.899	164	114781	43.028	ug/L	98
48) 2-Hexanone	8.069	43	382007	103.147	ug/L	99
49) Dibromochloromethane	8.172	129	196703	51.527	ug/L	100
50) 1,2-Dibromoethane	8.278	107	195927	51.422	ug/L	100
51) Chlorobenzene	8.809	112	430538	47.633	ug/L	100
52) Ethylbenzene	8.944	91	660477	46.954	ug/L	100
53) m,p-Xylene	9.069	106	254347	48.742	ug/L	96
54) o-Xylene	9.474	106	253184	48.150	ug/L	100
55) Styrene	9.490	104	475721	52.347	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	312239	50.040	ug/L	100
59) Bromoform	9.661	173	162830	50.593	ug/L	100
60) Isopropylbenzene	9.863	105	659080	45.868	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	248091	49.698	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	531444	46.212	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	550654	47.752	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	354647	47.664	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	366722	46.709	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	373968	48.040	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	72508	49.320	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	259068	45.872	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	235114	47.257	ug/L	100
71) Naphthalene	13.435	128	644442	46.216	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	255049	49.388	ug/L	100

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

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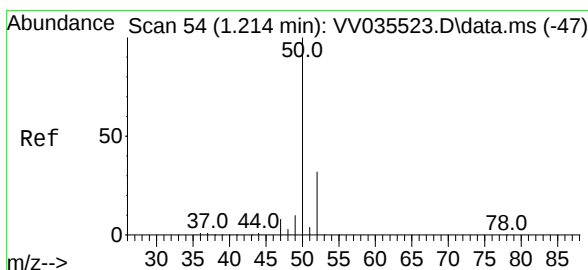
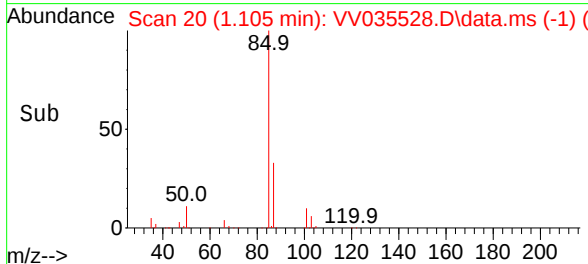
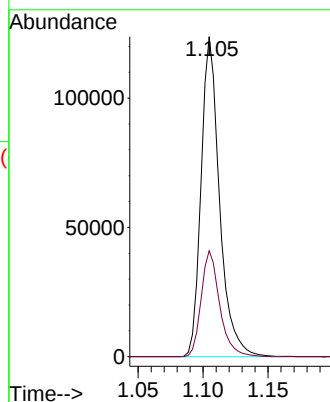
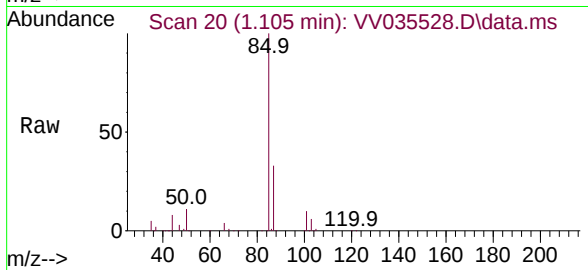




#2
 Dichlorodifluoromethane
 Concen: 40.842 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035528.D
 Acq: 03 May 2024 11:52

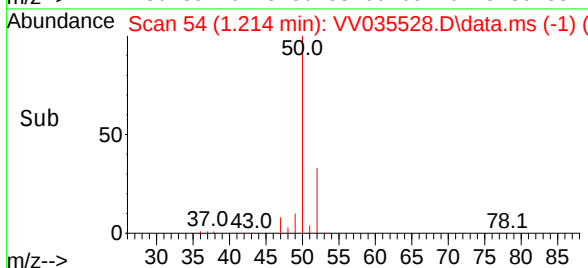
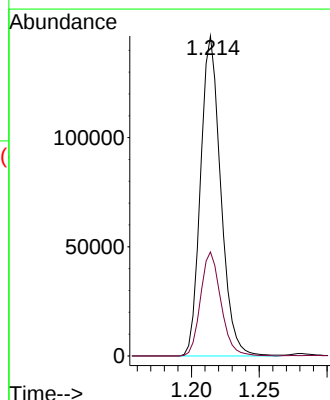
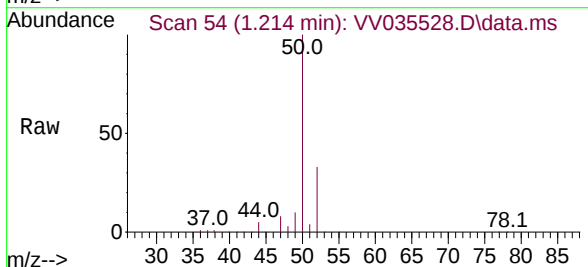
Instrument :
 MSVOA_V
 ClientSampleId :

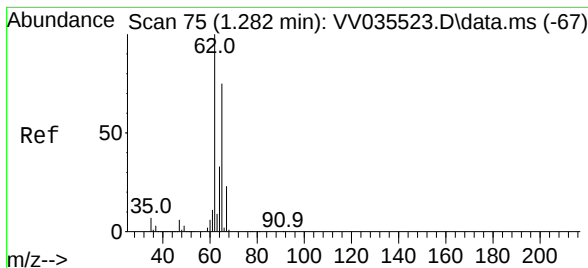
Tgt Ion: 85 Resp: 122534
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.8 38.8



#3
 Chloromethane
 Concen: 46.676 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV035528.D
 Acq: 03 May 2024 11:52

Tgt Ion: 50 Resp: 151705
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.6 42.0





#5

Vinyl chloride

Concen: 44.202 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min MSVOA_V

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

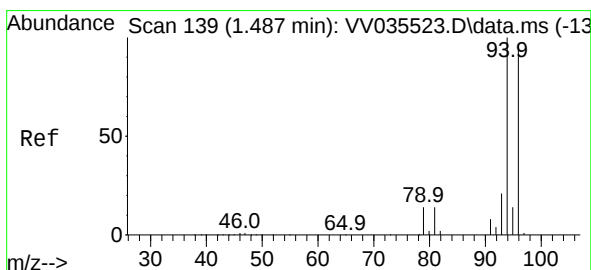
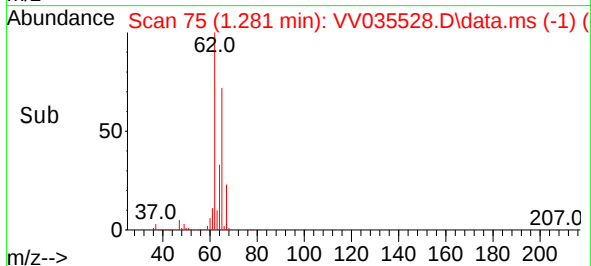
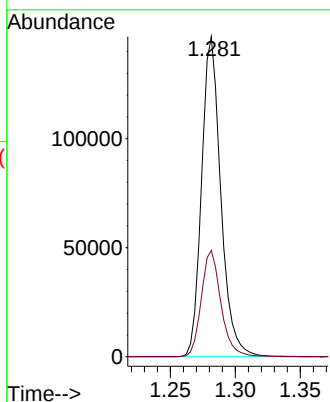
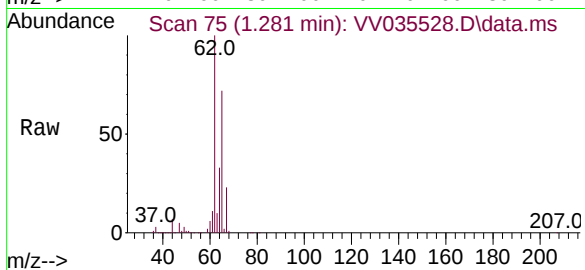
ClientSampleId :

Tgt Ion: 62 Resp: 151292

Ion Ratio Lower Upper

62 100

64 33.2 22.9 42.5



#6

Bromomethane

Concen: 49.092 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.000 min

Lab File: VV035528.D

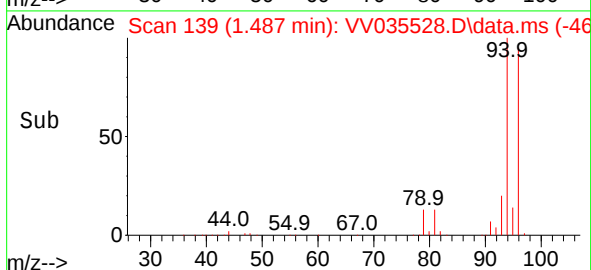
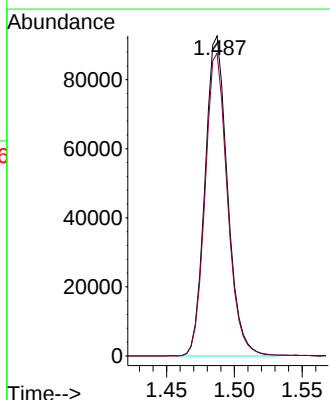
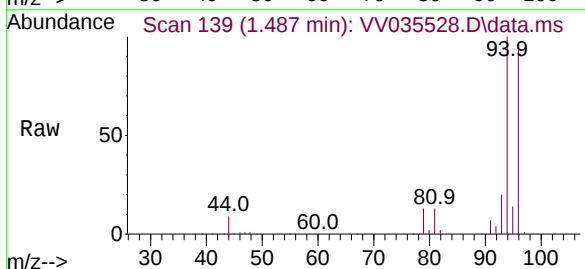
Acq: 03 May 2024 11:52

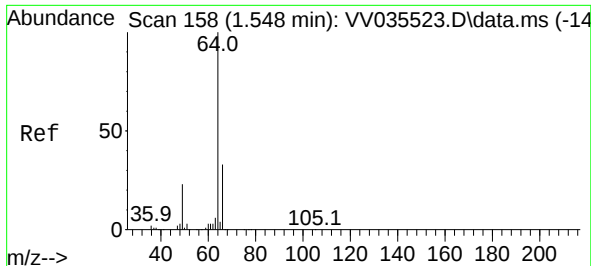
Tgt Ion: 94 Resp: 106837

Ion Ratio Lower Upper

94 100

96 94.6 66.2 123.0

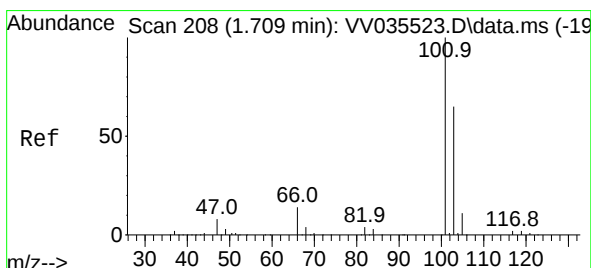
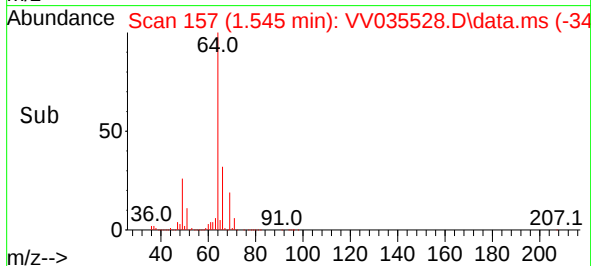
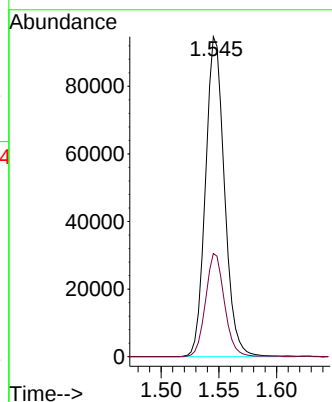
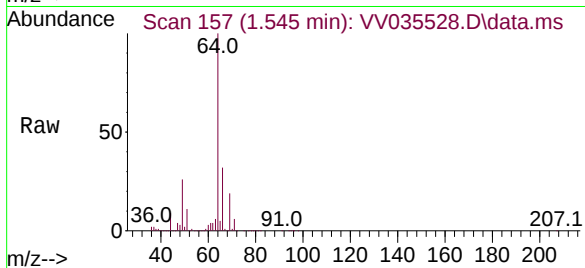




#8
Chloroethane
Concen: 54.994 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

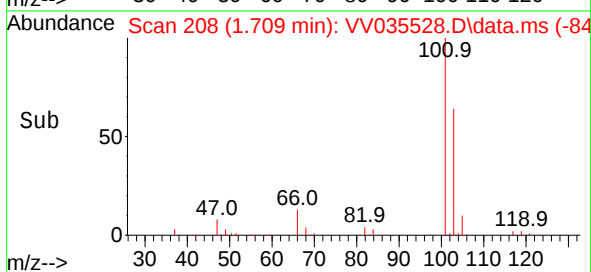
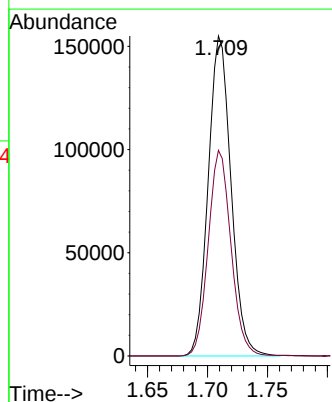
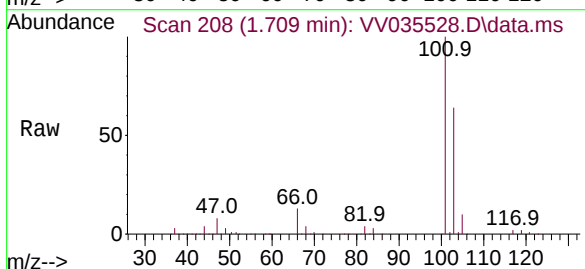
Instrument :
MSVOA_V
ClientSampleId :

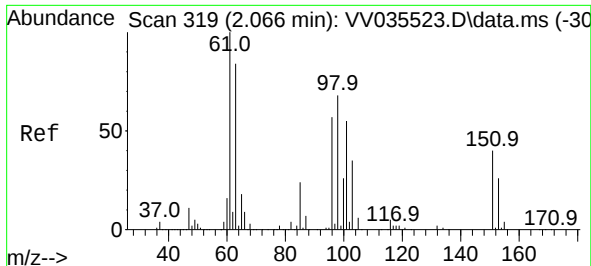
Tgt Ion: 64 Resp: 108226
Ion Ratio Lower Upper
64 100
66 32.3 22.7 42.1



#9
Trichlorofluoromethane
Concen: 44.539 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

Tgt Ion:101 Resp: 205092
Ion Ratio Lower Upper
101 100
103 64.1 52.0 78.0





#10

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

Concen: 43.261 ug/L

RT: 2.063 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

ClientSampleId :

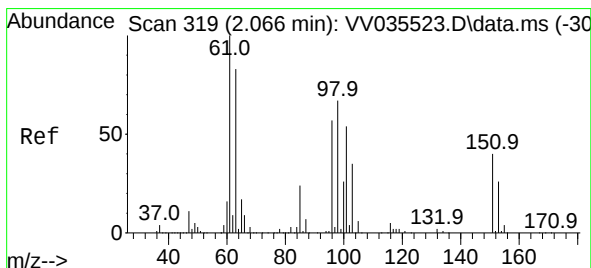
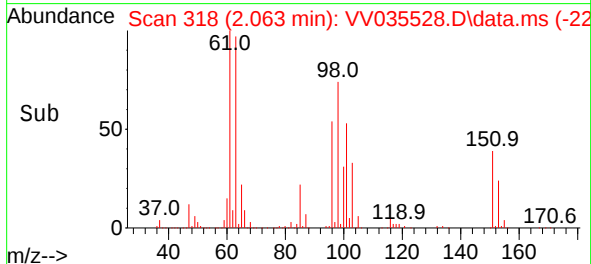
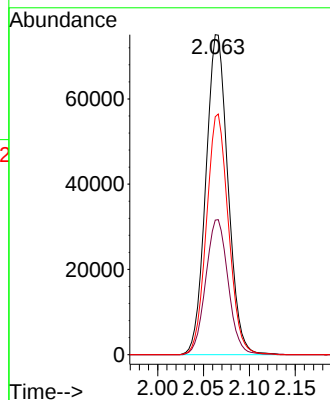
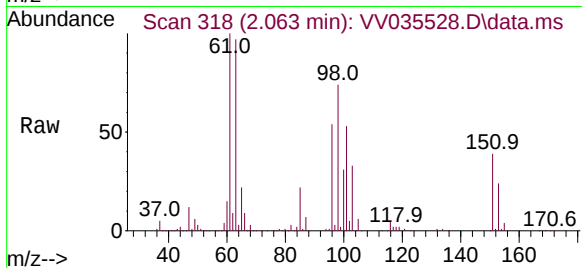
Tgt Ion:101 Resp: 126268

Ion Ratio Lower Upper

101 100

85 42.6 34.4 51.6

151 74.6 60.1 90.1



#12

1,1-Dichloroethene

Concen: 45.148 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

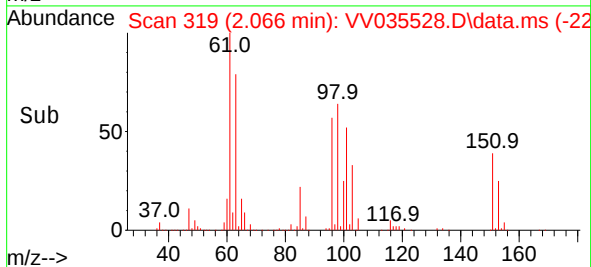
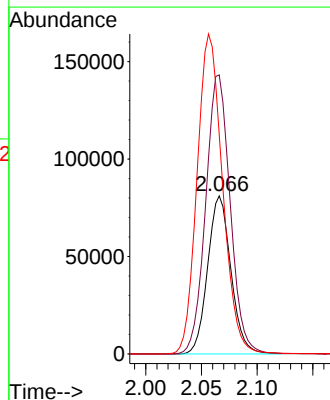
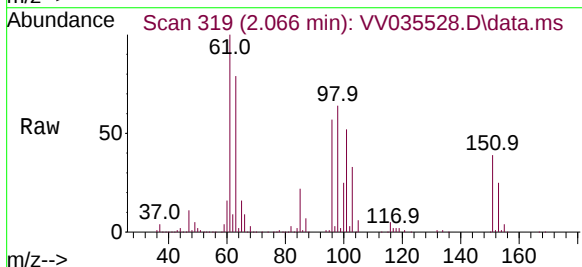
Tgt Ion: 96 Resp: 117708

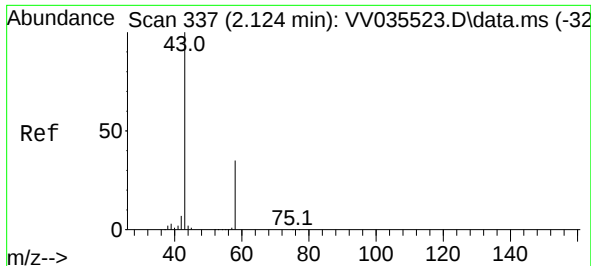
Ion Ratio Lower Upper

96 100

61 176.6 126.5 234.9

63 138.8 118.1 219.3





#13

Acetone

Concen: 81.608 ug/L

RT: 2.121 min Scan# 337

Delta R.T. -0.003 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

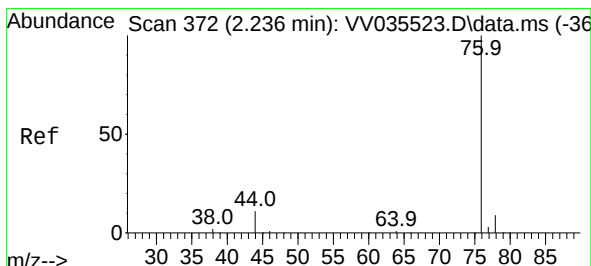
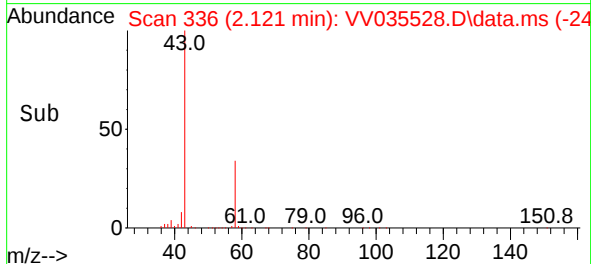
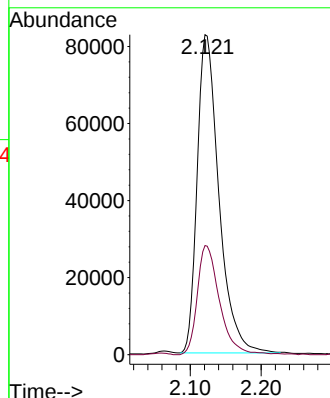
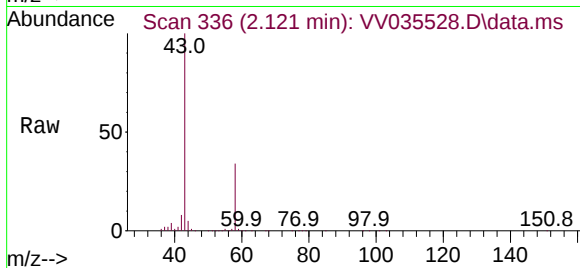
ClientSampleId :

Tgt Ion: 43 Resp: 176067

Ion Ratio Lower Upper

43 100

58 35.0 0.0 68.8



#14

Carbon disulfide

Concen: 44.525 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV035528.D

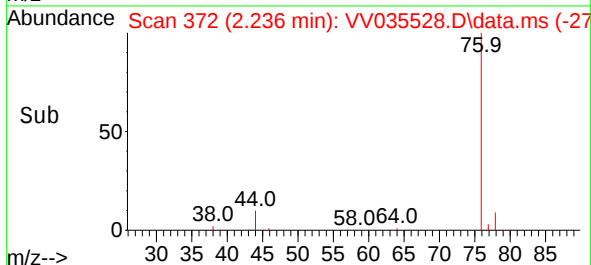
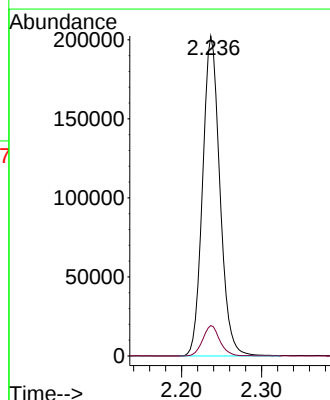
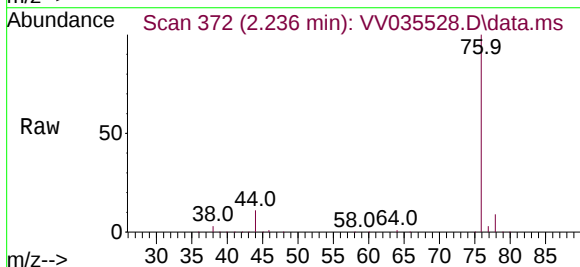
Acq: 03 May 2024 11:52

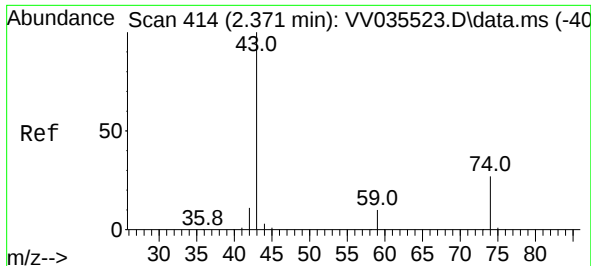
Tgt Ion: 76 Resp: 304952

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4





#15

Methyl Acetate

Concen: 51.344 ug/L

RT: 2.371 min Scan# 414

Delta R.T. 0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

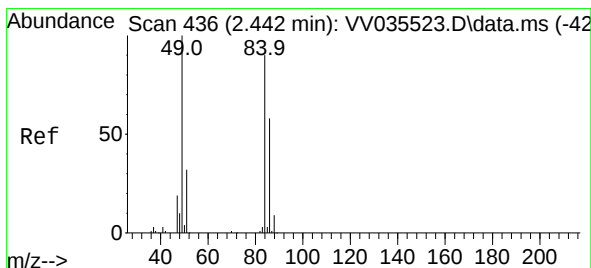
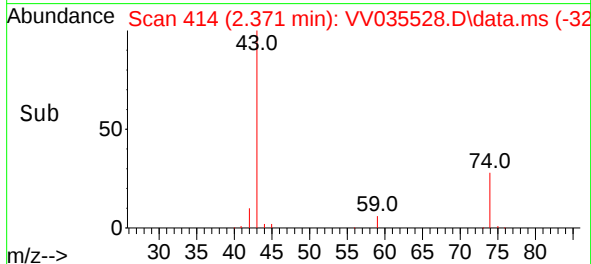
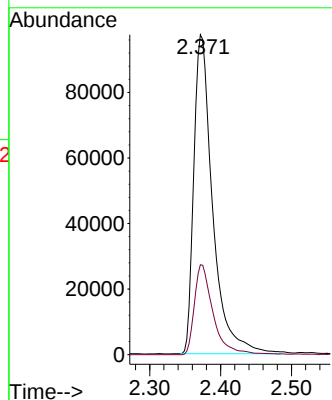
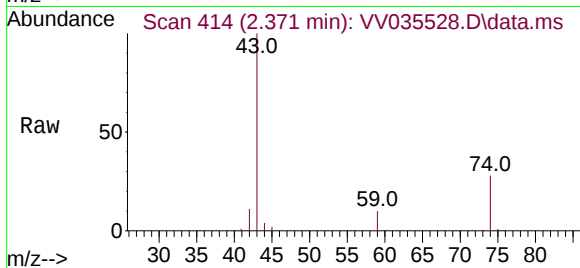
ClientSampleId :

Tgt Ion: 43 Resp: 179690

Ion Ratio Lower Upper

43 100

74 27.7 21.6 32.4



#16

Methylene chloride

Concen: 51.055 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

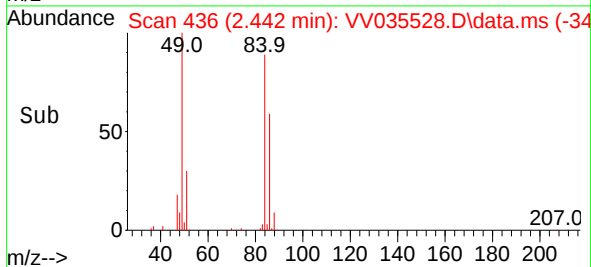
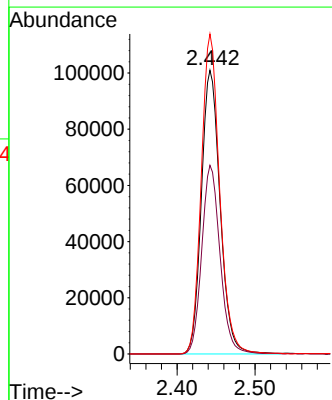
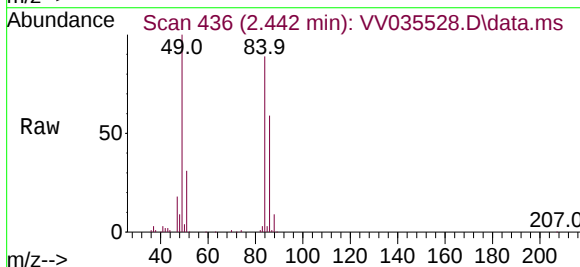
Tgt Ion: 84 Resp: 168659

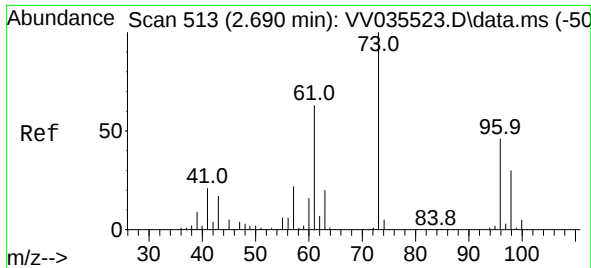
Ion Ratio Lower Upper

84 100

86 66.5 45.3 84.1

49 112.8 76.9 142.7





#17

trans-1,2-Dichloroethene

Concen: 48.118 ug/L

RT: 2.690 min Scan# 513

Delta R.T. -0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

ClientSampleId :

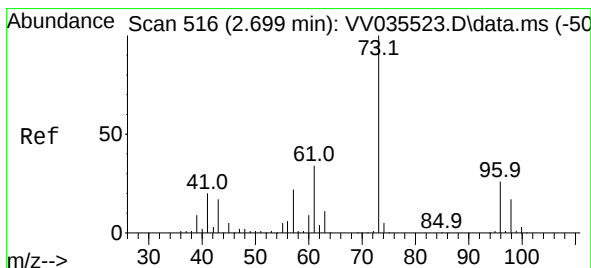
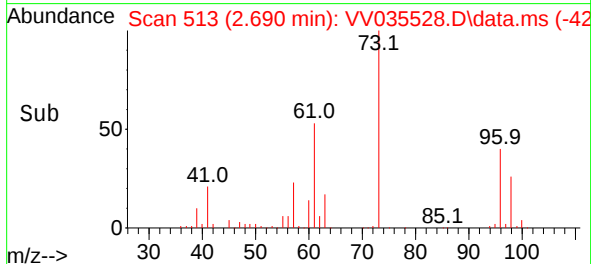
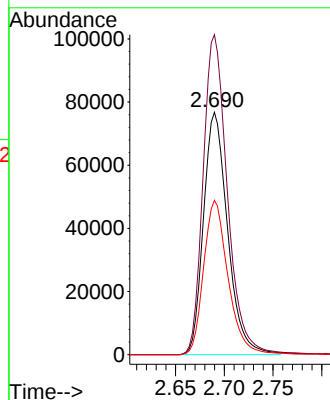
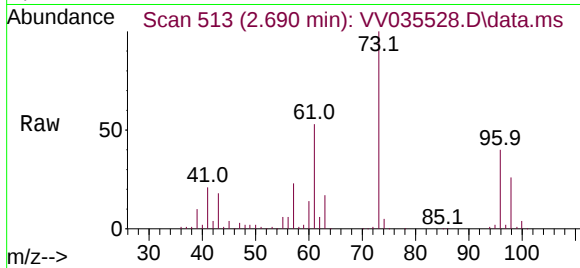
Tgt Ion: 96 Resp: 132600

Ion Ratio Lower Upper

96 100

61 132.0 95.5 177.3

98 63.7 44.9 83.5



#18

Methyl tert-butyl Ether

Concen: 52.965 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

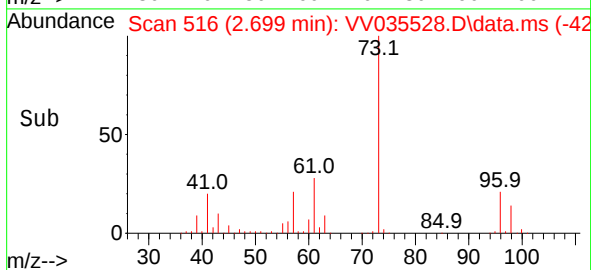
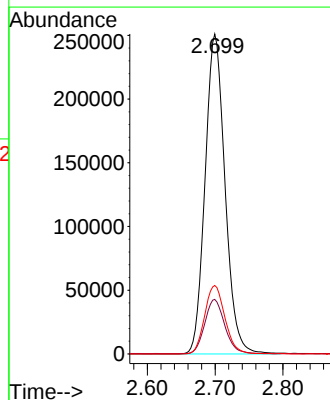
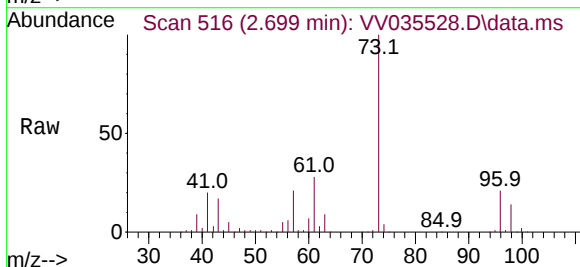
Tgt Ion: 73 Resp: 513309

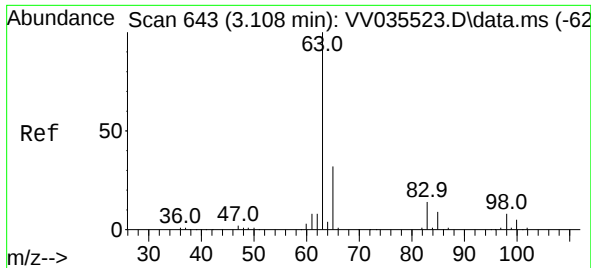
Ion Ratio Lower Upper

73 100

43 16.9 13.6 20.4

57 21.8 17.4 26.0

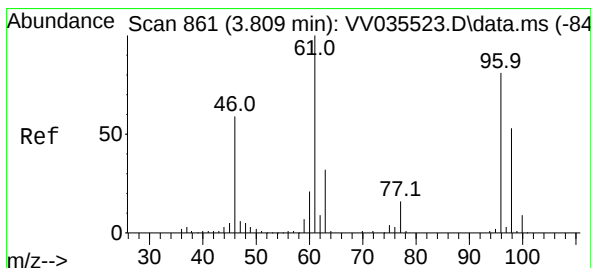
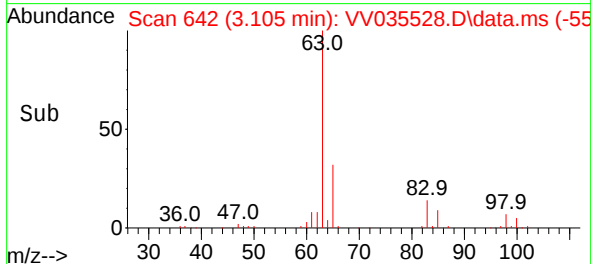
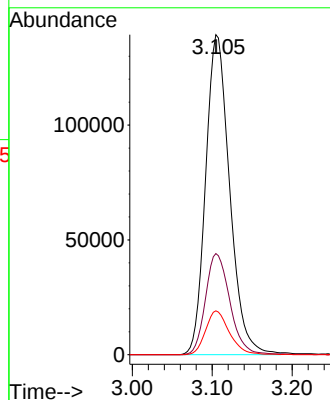
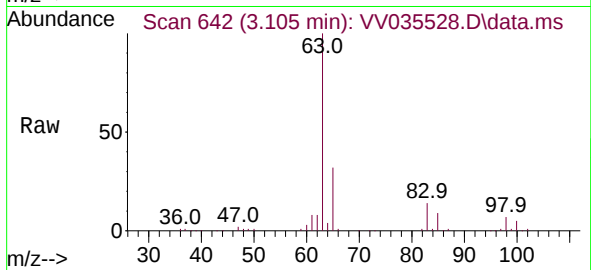




#19
1,1-Dichloroethane
Concen: 50.314 ug/L
RT: 3.105 min Scan# 643
Delta R.T. -0.003 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

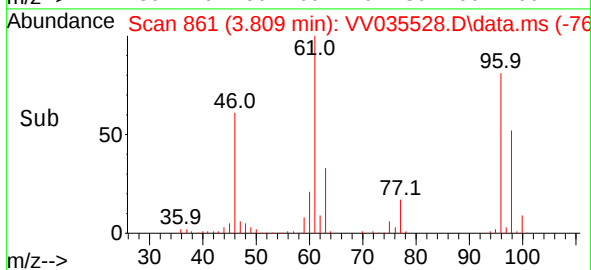
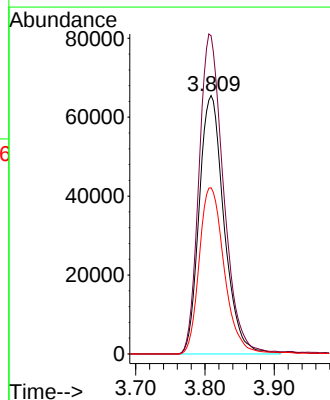
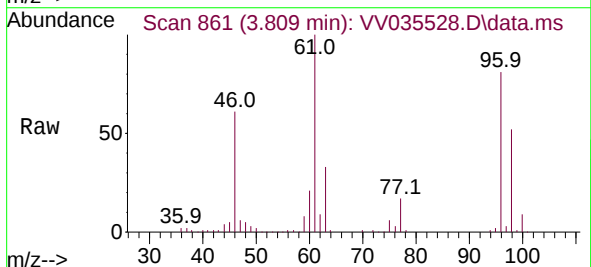
Instrument :
MSVOA_V
ClientSampleId :

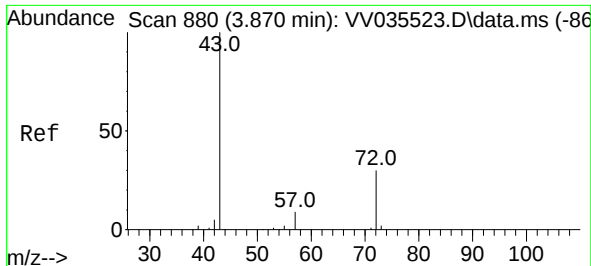
Tgt Ion: 63 Resp: 291142
Ion Ratio Lower Upper
63 100
65 31.6 21.8 40.4
83 13.7 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 49.777 ug/L
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

Tgt Ion: 96 Resp: 163148
Ion Ratio Lower Upper
96 100
61 123.1 84.0 156.0
98 64.4 44.9 83.5

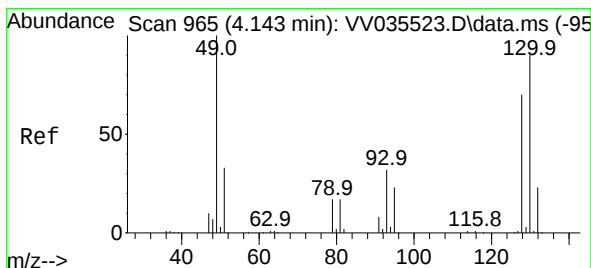
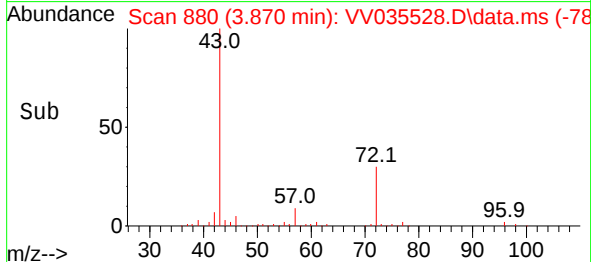
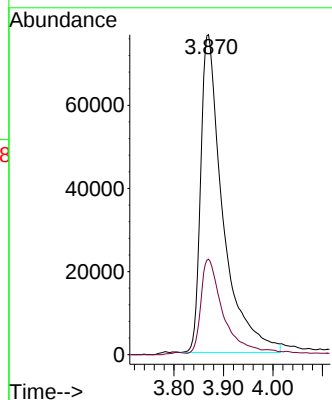
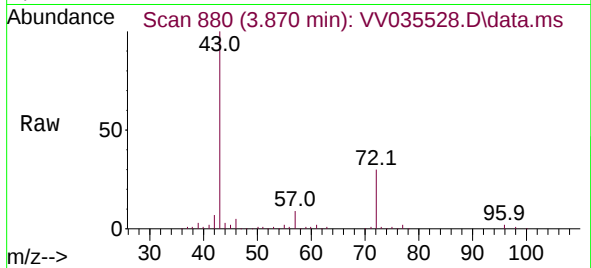




#22
2-Butanone
Concen: 93.315 ug/L
RT: 3.870 min Scan# 880
Delta R.T. -0.000 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

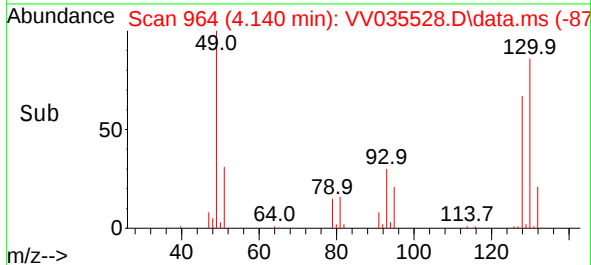
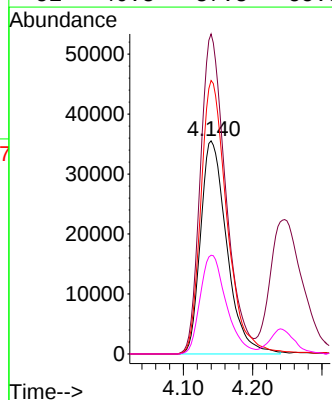
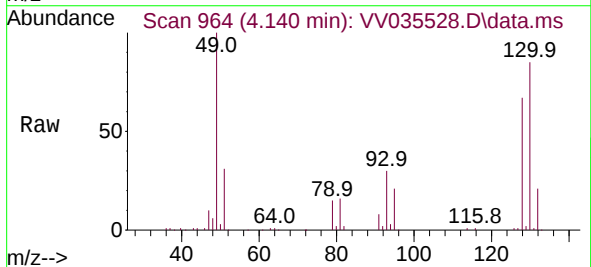
Instrument :
MSVOA_V
ClientSampleId :

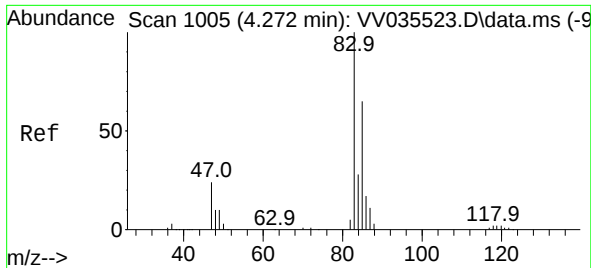
Tgt Ion: 43 Resp: 238331
Ion Ratio Lower Upper
43 100
72 28.8 14.4 43.0



#23
Bromochloromethane
Concen: 52.004 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

Tgt Ion:128 Resp: 93218
Ion Ratio Lower Upper
128 100
49 150.1 102.0 189.4
130 128.2 91.5 169.9
51 46.3 37.3 55.9





#25

Chloroform

Concen: 51.654 ug/L

RT: 4.269 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

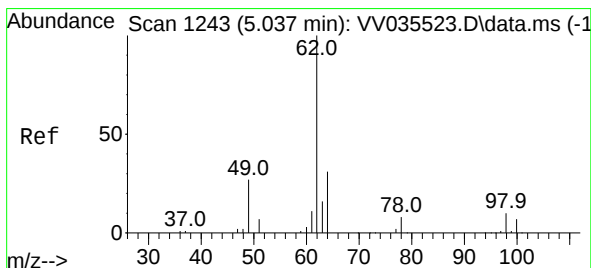
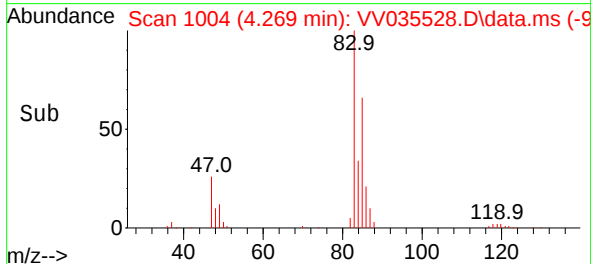
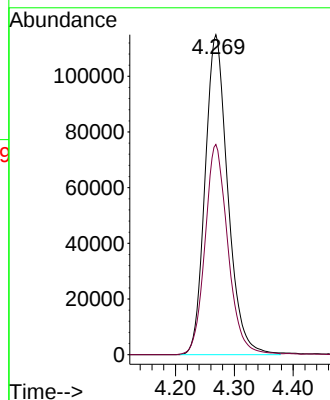
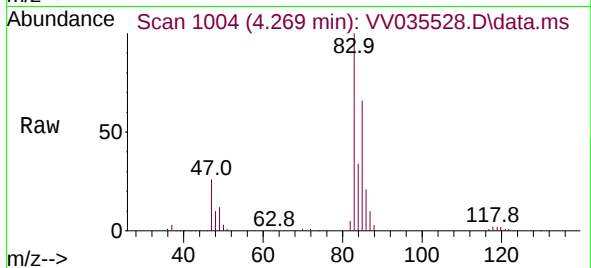
ClientSampleId :

Tgt Ion: 83 Resp: 308508

Ion Ratio Lower Upper

83 100

85 65.7 45.8 85.2



#27

1,2-Dichloroethane

Concen: 54.151 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV035528.D

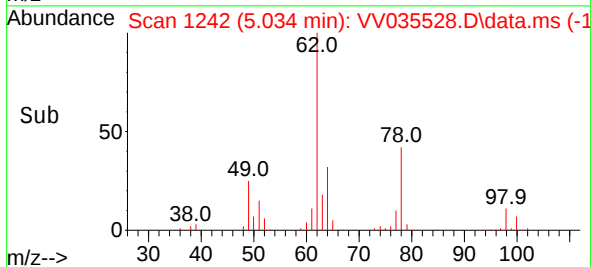
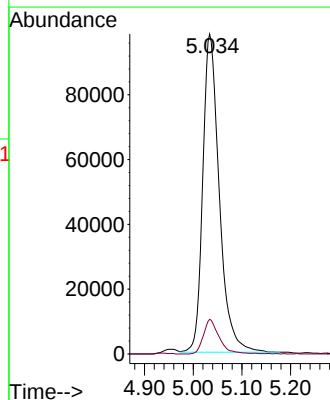
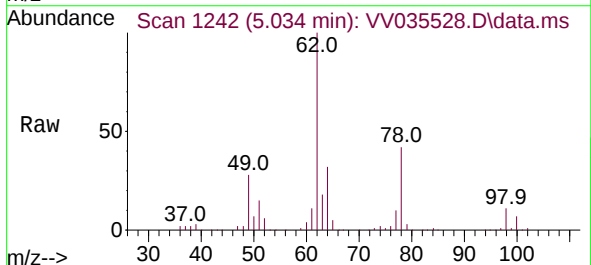
Acq: 03 May 2024 11:52

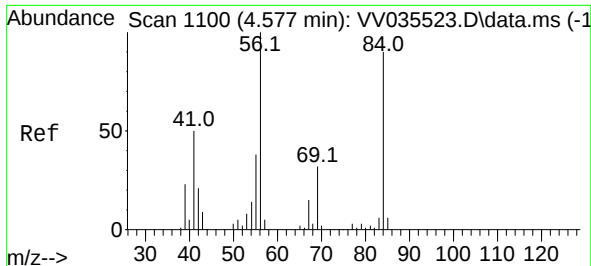
Tgt Ion: 62 Resp: 231465

Ion Ratio Lower Upper

62 100

98 10.8 8.2 12.2





#29

Cyclohexane

Concen: 40.032 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

ClientSampleId :

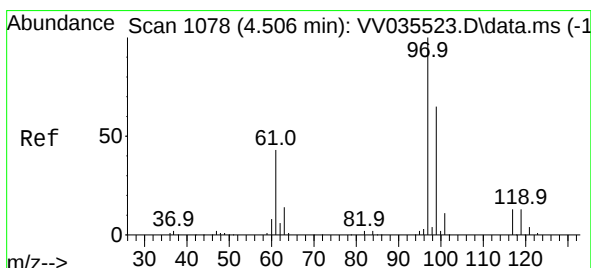
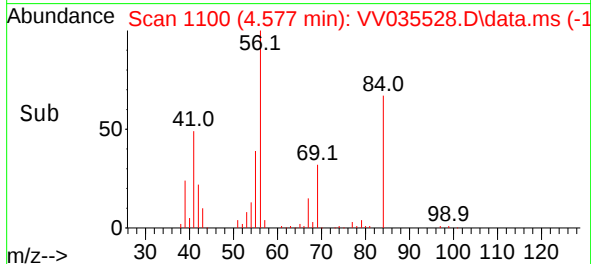
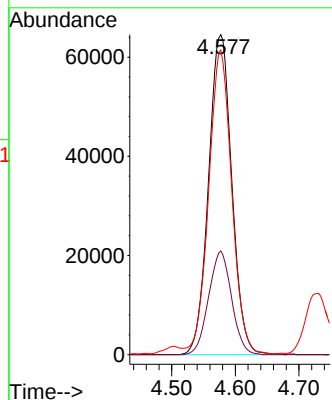
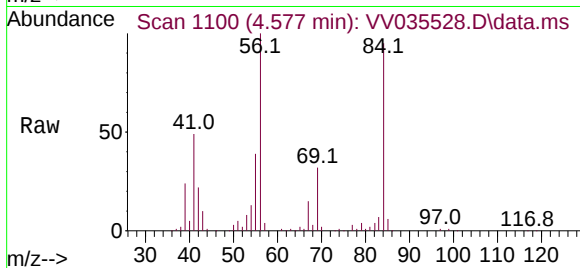
Tgt Ion: 56 Resp: 164272

Ion Ratio Lower Upper

56 100

69 31.9 25.5 38.3

84 93.3 73.6 110.4



#30

1,1,1-Trichloroethane

Concen: 45.521 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

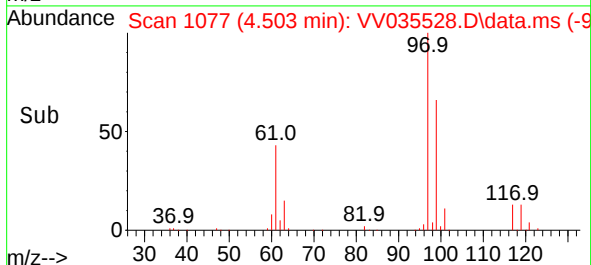
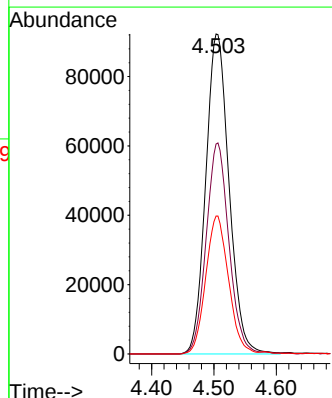
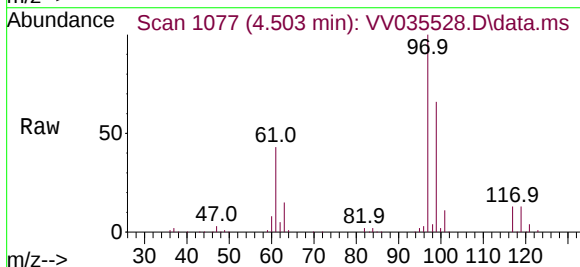
Tgt Ion: 97 Resp: 239435

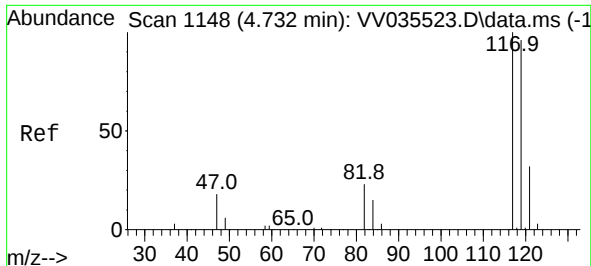
Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

61 42.2 34.1 51.1

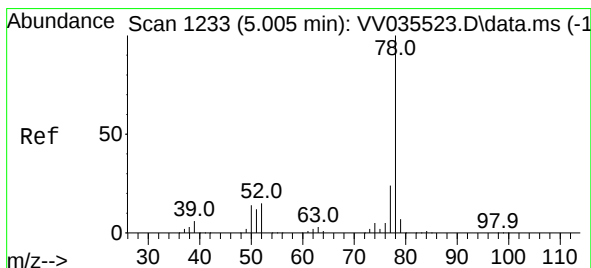
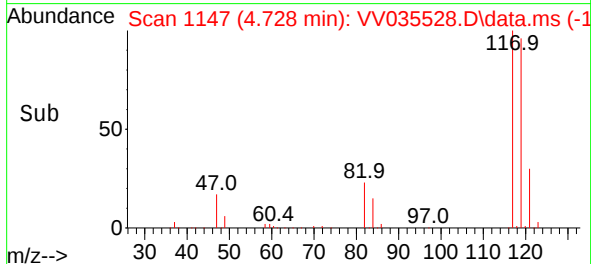
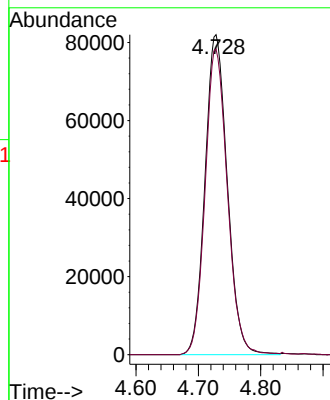
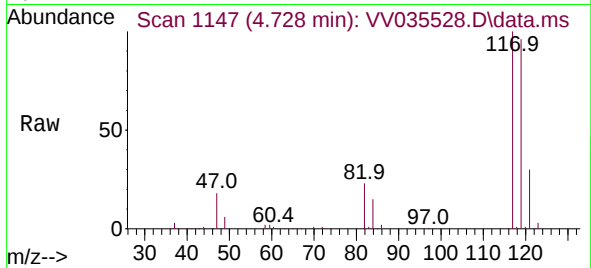




#31
Carbon tetrachloride
Concen: 44.862 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. -0.003 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

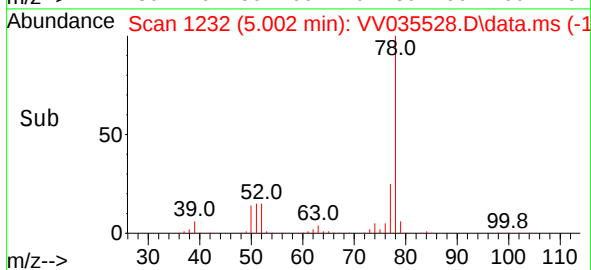
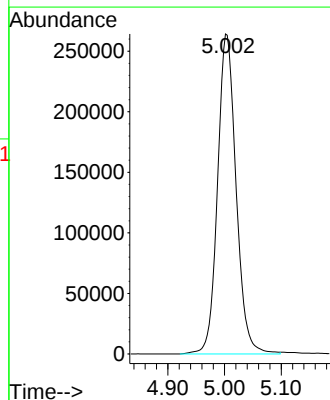
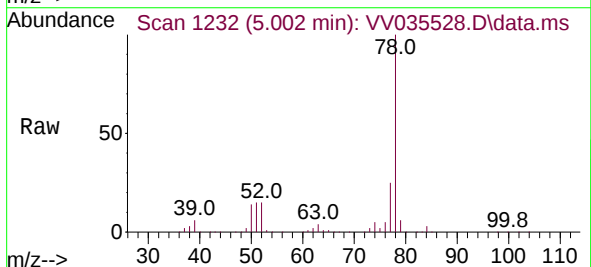
Instrument :
MSVOA_V
ClientSampleId :

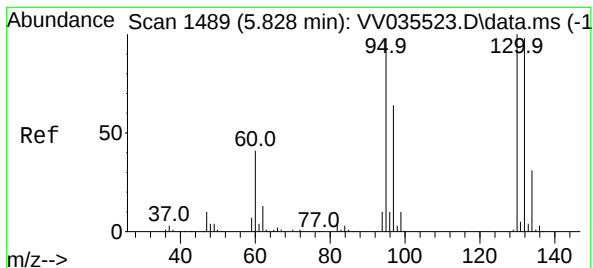
Tgt Ion:117 Resp: 204029
Ion Ratio Lower Upper
117 100
119 94.9 76.5 114.7



#33
Benzene
Concen: 48.386 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

Tgt Ion: 78 Resp: 600516





#34

Trichloroethene

Concen: 46.165 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 152469

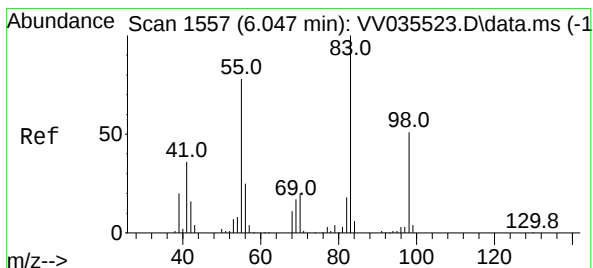
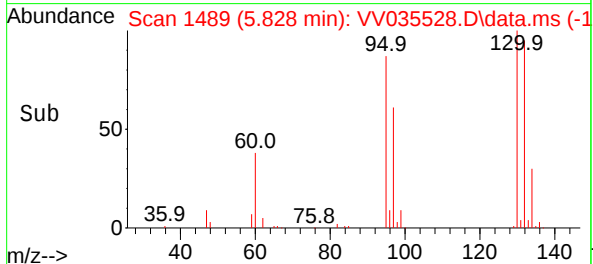
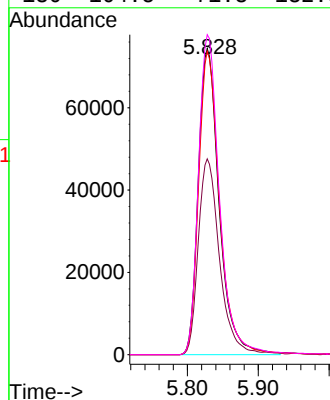
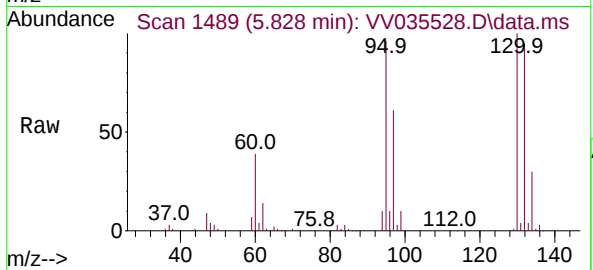
Ion Ratio Lower Upper

95 100

97 63.9 45.1 83.9

132 99.1 69.4 128.8

130 104.5 71.3 132.3



#35

Methylcyclohexane

Concen: 39.924 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

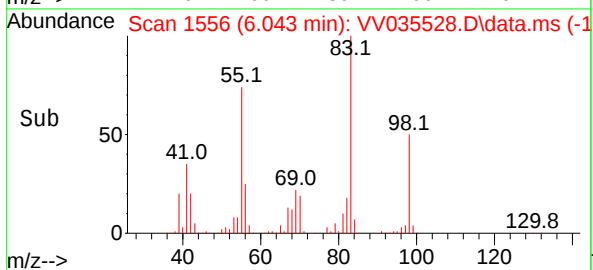
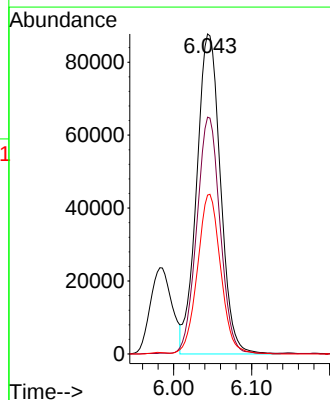
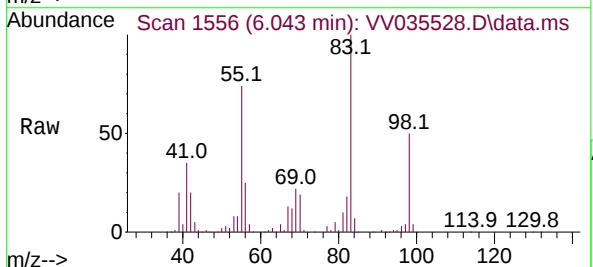
Tgt Ion: 83 Resp: 186012

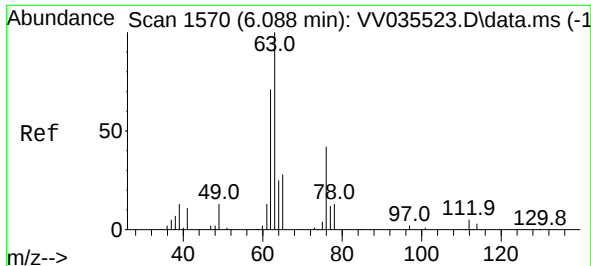
Ion Ratio Lower Upper

83 100

55 72.3 57.5 86.3

98 48.7 38.9 58.3





#37

1,2-Dichloropropane

Concen: 50.800 ug/L

RT: 6.088 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

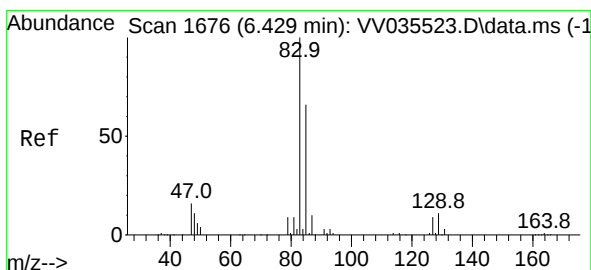
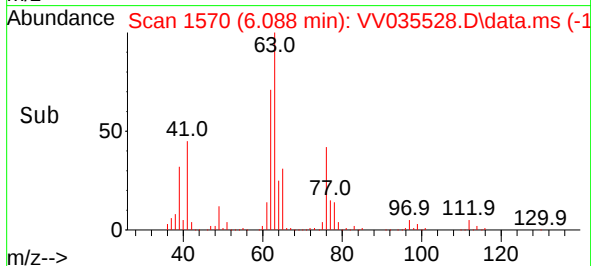
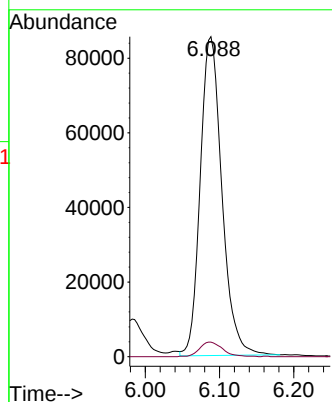
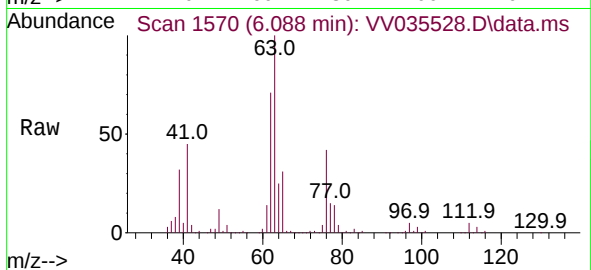
ClientSampleId :

Tgt Ion: 63 Resp: 173226

Ion Ratio Lower Upper

63 100

112 4.7 3.4 5.2



#38

Bromodichloromethane

Concen: 50.968 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.003 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

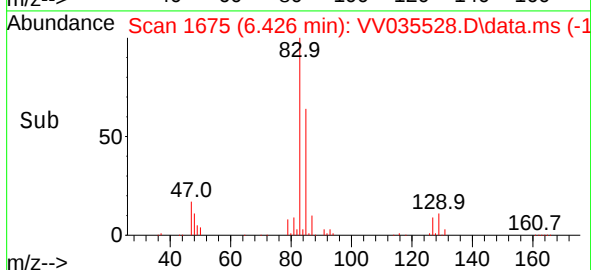
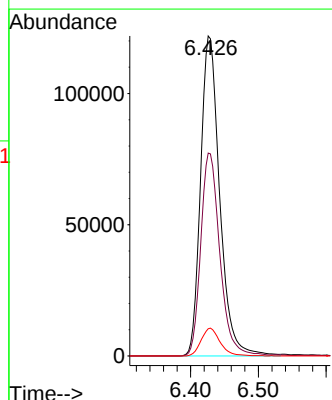
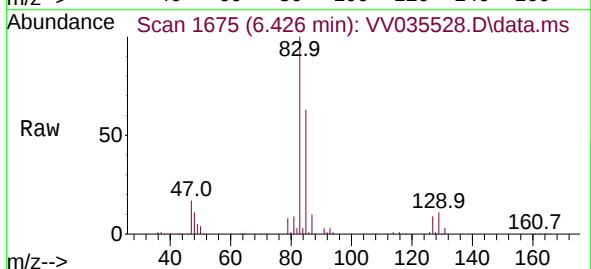
Tgt Ion: 83 Resp: 239108

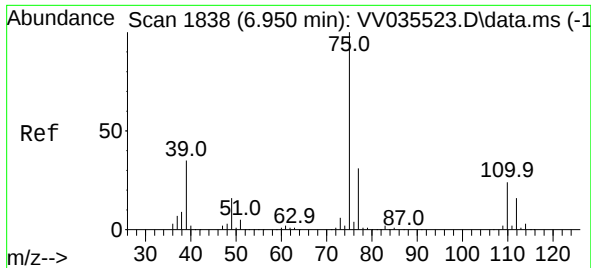
Ion Ratio Lower Upper

83 100

85 63.4 45.1 83.9

127 8.5 6.9 10.3

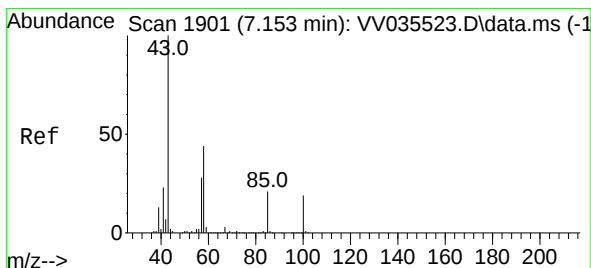
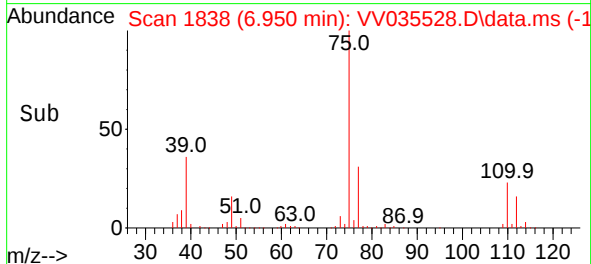
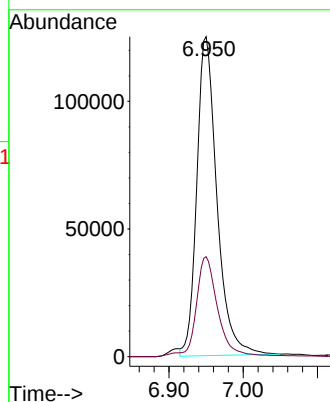
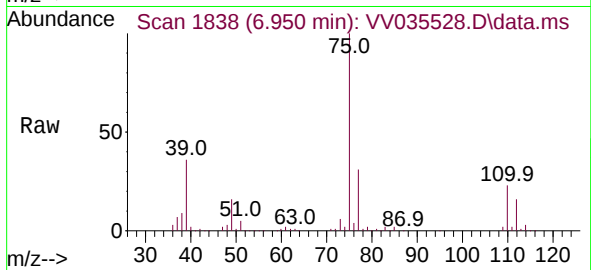




#39
cis-1,3-Dichloropropene
Concen: 44.017 ug/L
RT: 6.950 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

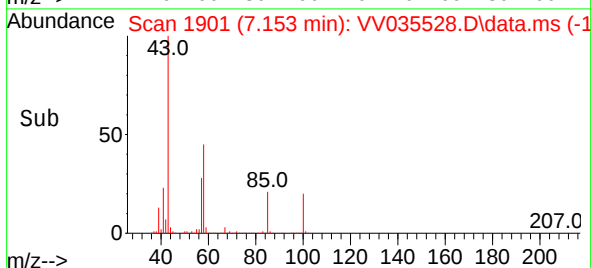
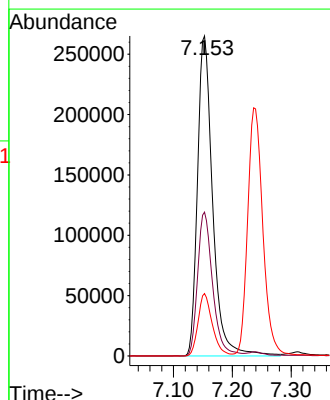
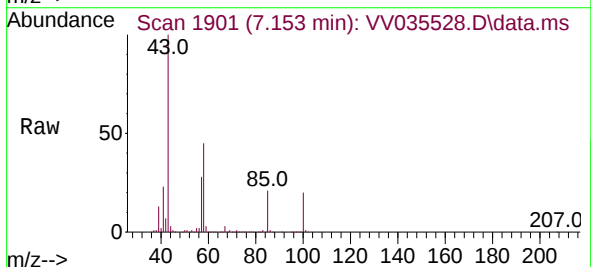
Instrument :
MSVOA_V
ClientSampleId :

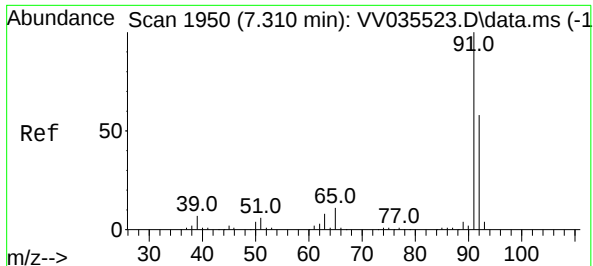
Tgt Ion: 75 Resp: 235620
Ion Ratio Lower Upper
75 100
77 31.3 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 104.568 ug/L
RT: 7.153 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

Tgt Ion: 43 Resp: 475969
Ion Ratio Lower Upper
43 100
58 44.5 36.1 54.1
100 18.3 15.0 22.4





#42

Toluene

Concen: 48.295 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

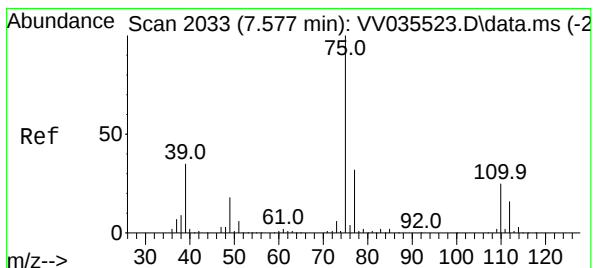
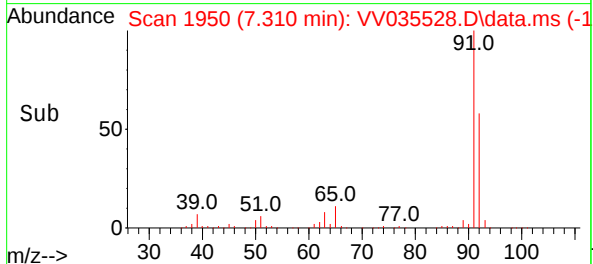
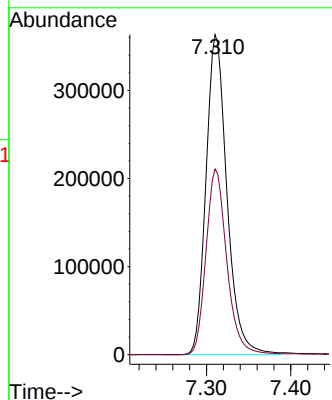
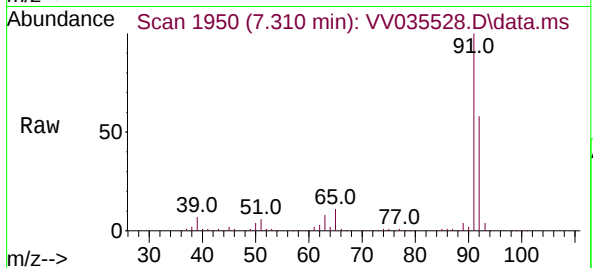
ClientSampleId :

Tgt Ion: 91 Resp: 628813

Ion Ratio Lower Upper

91 100

92 58.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 46.489 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV035528.D

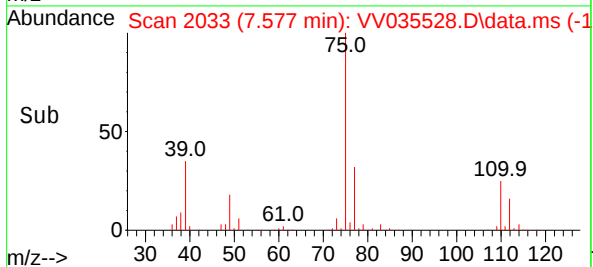
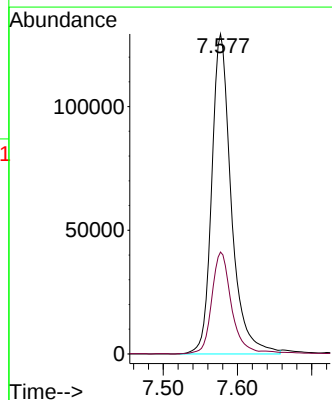
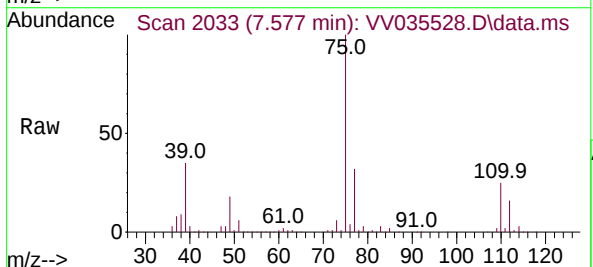
Acq: 03 May 2024 11:52

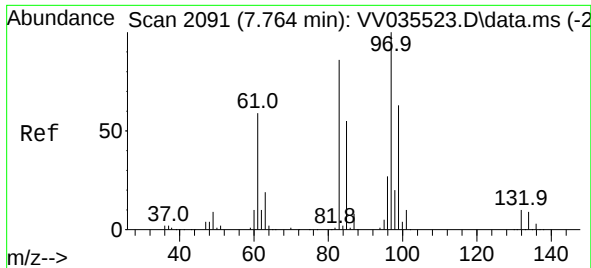
Tgt Ion: 75 Resp: 236373

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 51.371 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 187344

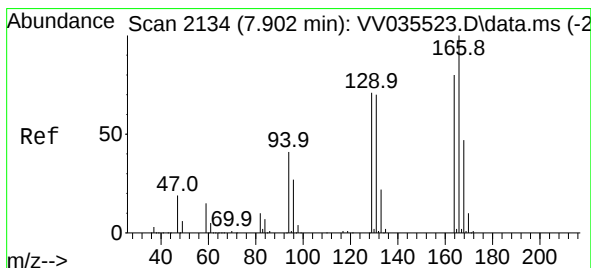
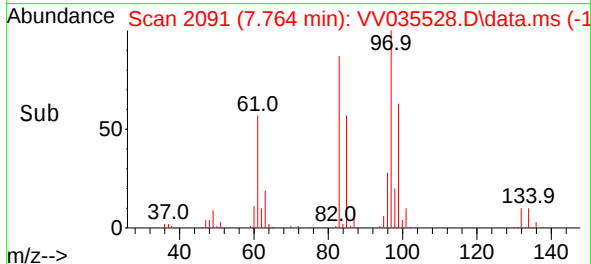
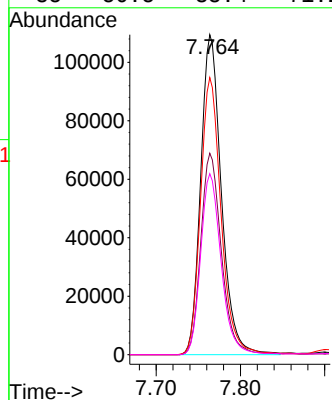
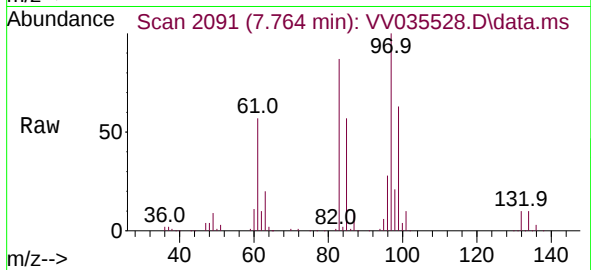
Ion Ratio Lower Upper

97 100

99 63.0 44.2 82.2

83 86.6 59.3 110.1

85 56.5 38.4 71.2



#46

Tetrachloroethene

Concen: 43.028 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.003 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Tgt Ion:164 Resp: 114781

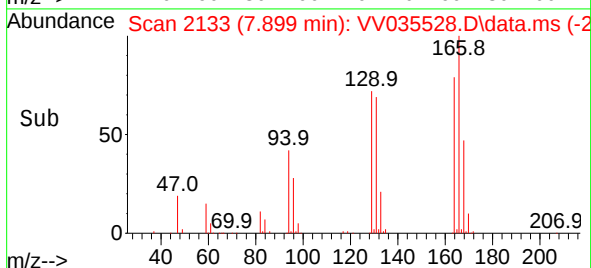
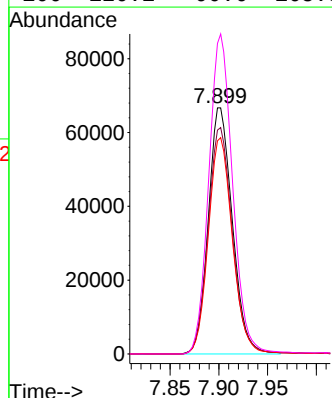
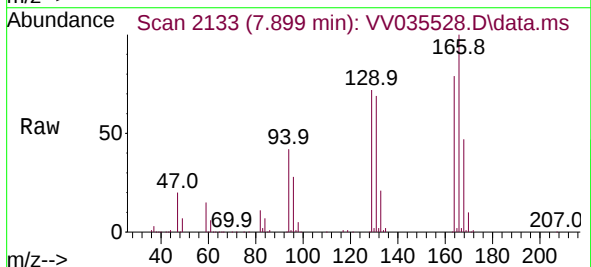
Ion Ratio Lower Upper

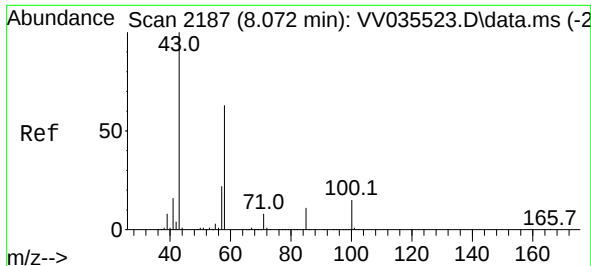
164 100

129 90.9 64.7 120.1

131 86.6 61.5 114.1

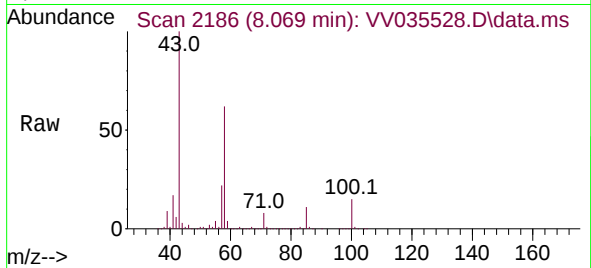
166 126.1 90.6 168.3



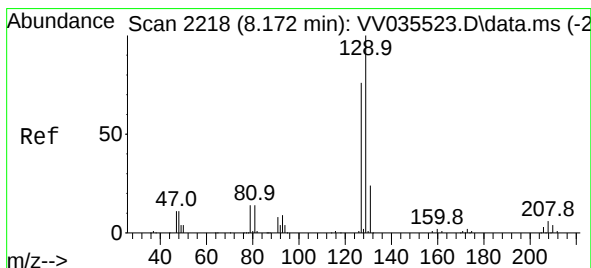
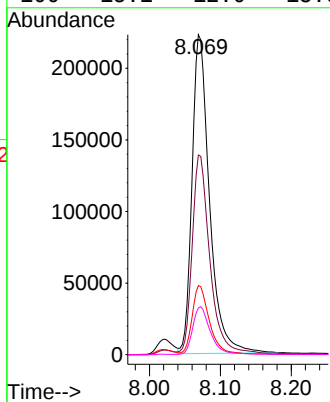
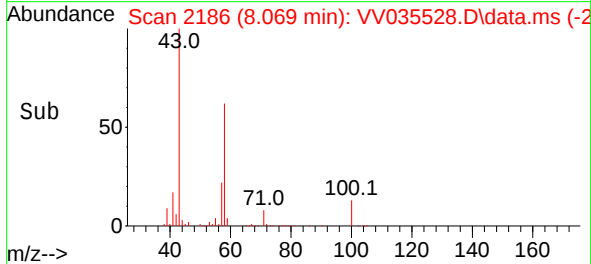


#48
2-Hexanone
Concen: 103.147 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

Instrument :
MSVOA_V
ClientSampleId :

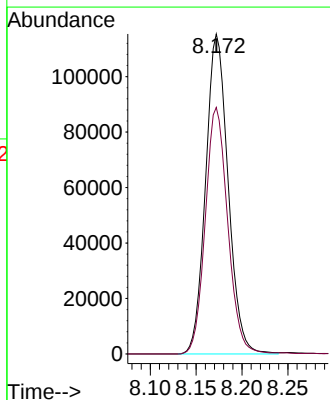
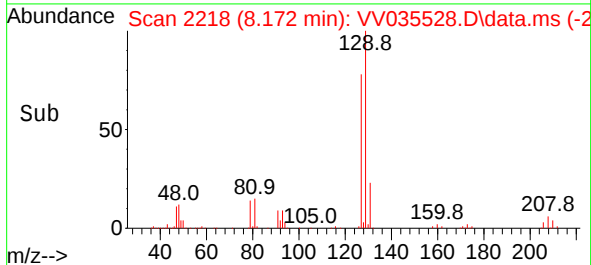
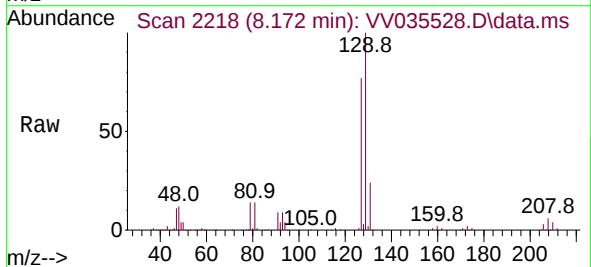


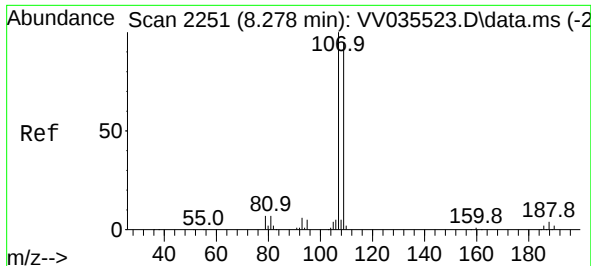
Tgt Ion: 43 Resp: 382007
Ion Ratio Lower Upper
43 100
58 62.5 50.8 76.2
57 20.9 17.6 26.4
100 15.1 12.0 18.0



#49
Dibromochloromethane
Concen: 51.527 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

Tgt Ion:129 Resp: 196703
Ion Ratio Lower Upper
129 100
127 77.1 54.3 100.8

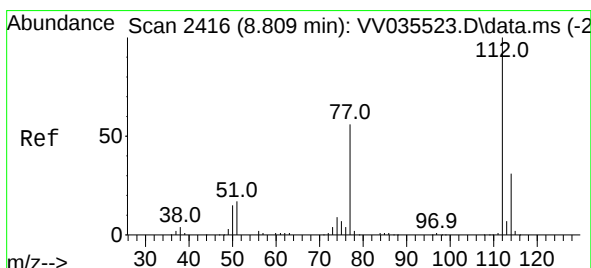
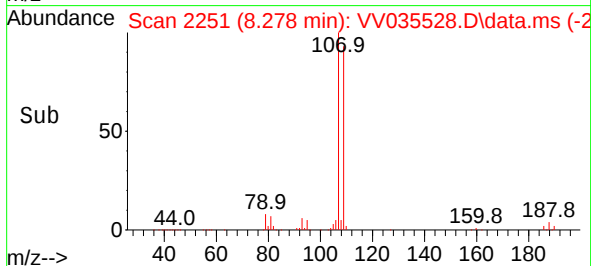
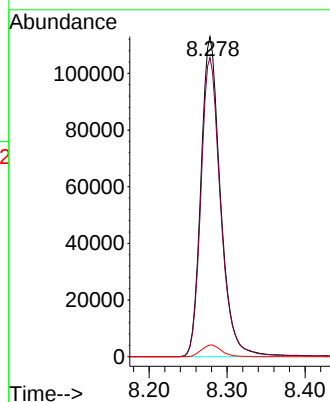
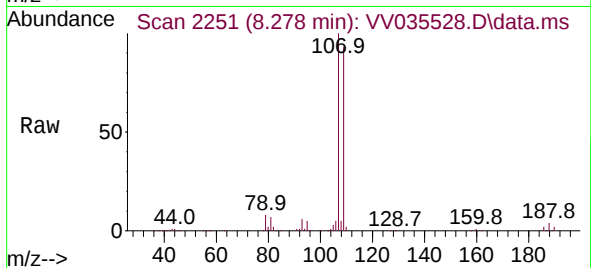




#50
1,2-Dibromoethane
Concen: 51.422 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

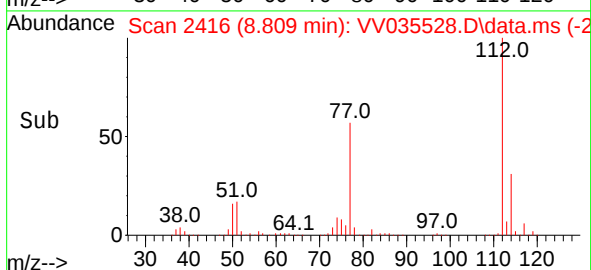
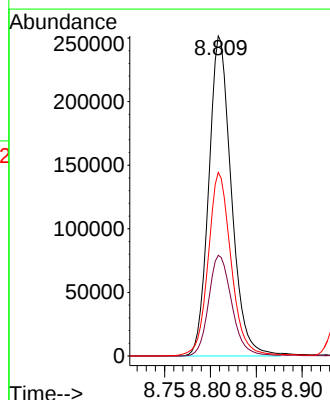
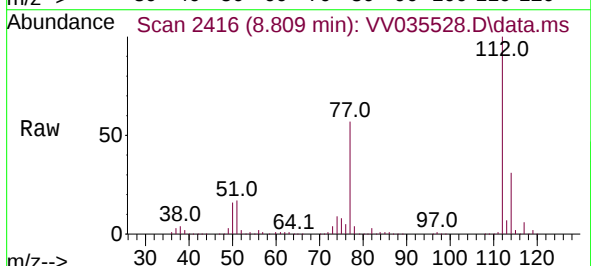
Instrument :
MSVOA_V
ClientSampleId :

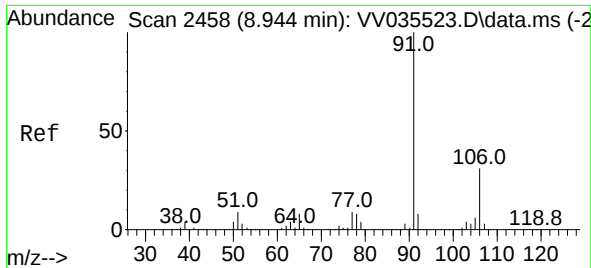
Tgt Ion:107 Resp: 195927
Ion Ratio Lower Upper
107 100
109 93.4 65.7 122.1
188 3.7 3.1 4.7



#51
Chlorobenzene
Concen: 47.633 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

Tgt Ion:112 Resp: 430538
Ion Ratio Lower Upper
112 100
114 31.4 22.4 41.6
77 57.3 45.9 68.9

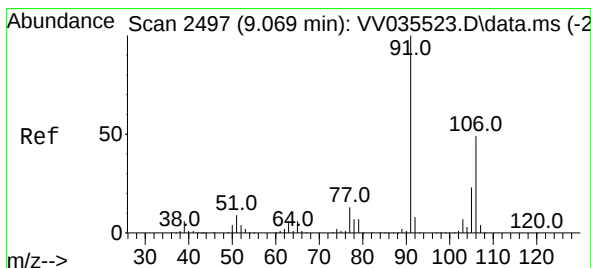
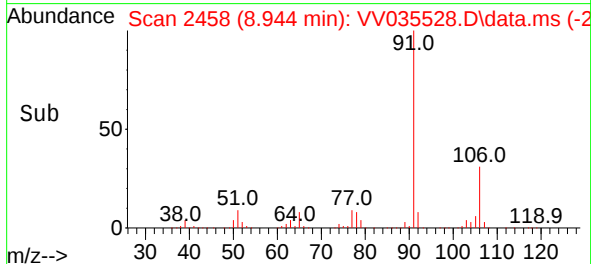
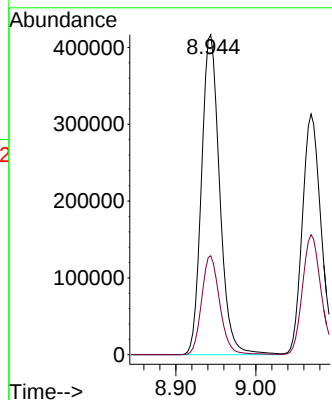
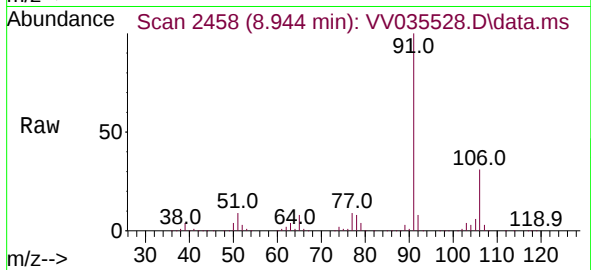




#52
Ethylbenzene
Concen: 46.954 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

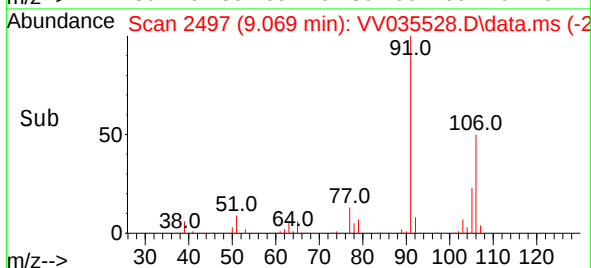
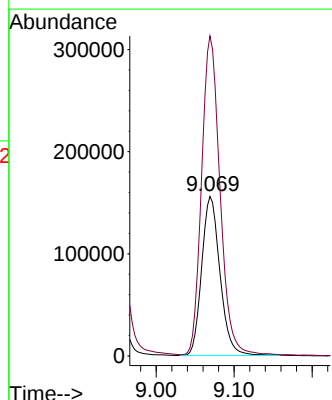
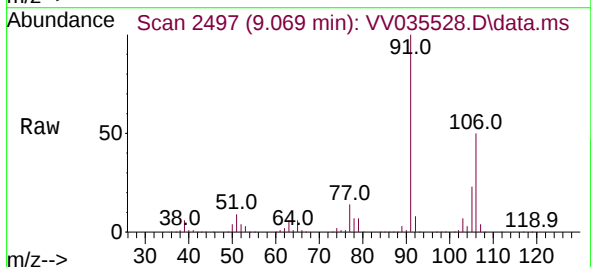
Instrument :
MSVOA_V
ClientSampleId :

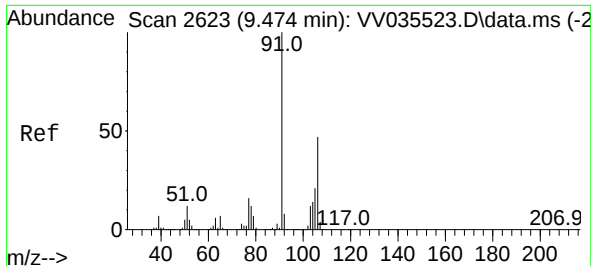
Tgt Ion: 91 Resp: 660477
Ion Ratio Lower Upper
91 100
106 30.9 21.6 40.0



#53
m,p-Xylene
Concen: 48.742 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

Tgt Ion: 106 Resp: 254347
Ion Ratio Lower Upper
106 100
91 200.6 144.8 268.8

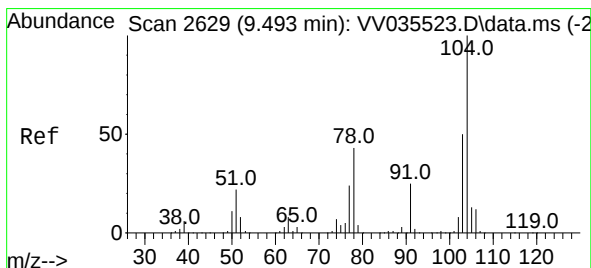
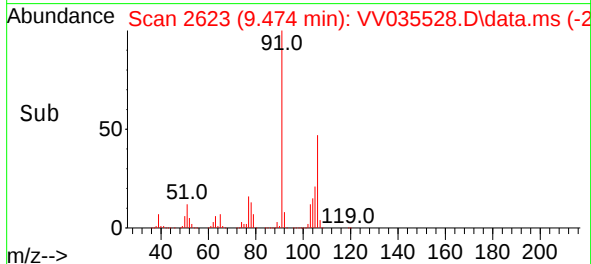
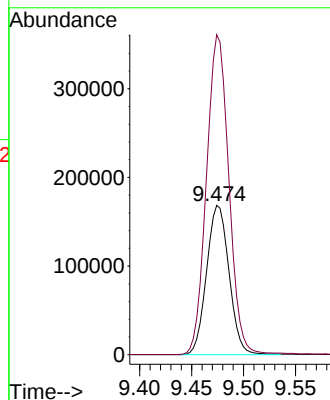
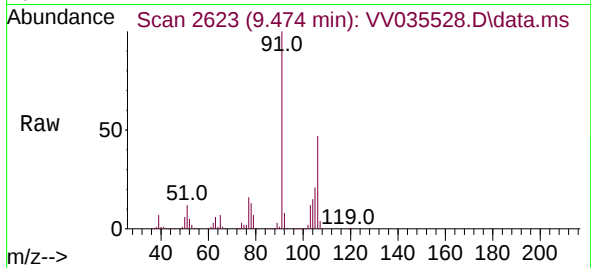




#54
o-Xylene
Concen: 48.150 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

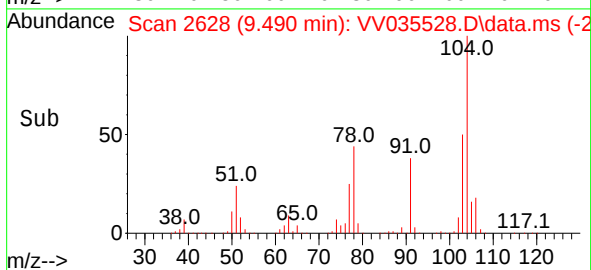
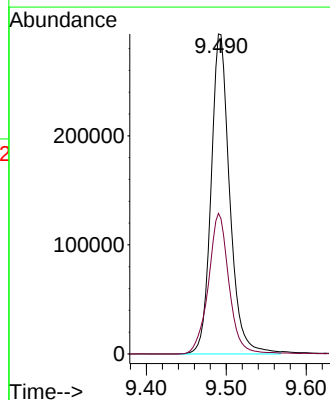
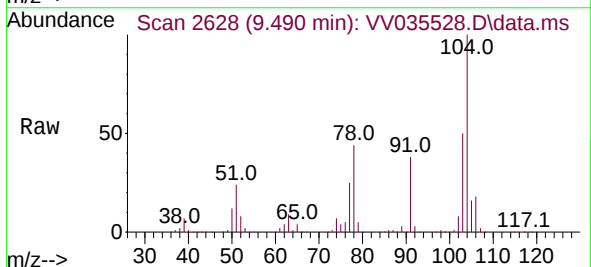
Instrument :
MSVOA_V
ClientSampleId :

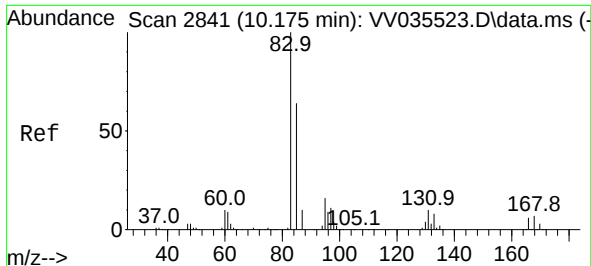
Tgt Ion:106 Resp: 253184
Ion Ratio Lower Upper
106 100
91 214.4 149.9 278.3



#55
Styrene
Concen: 52.347 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

Tgt Ion:104 Resp: 475721
Ion Ratio Lower Upper
104 100
78 44.0 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 50.040 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

ClientSampleId :

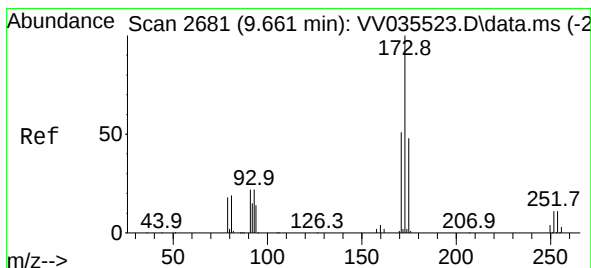
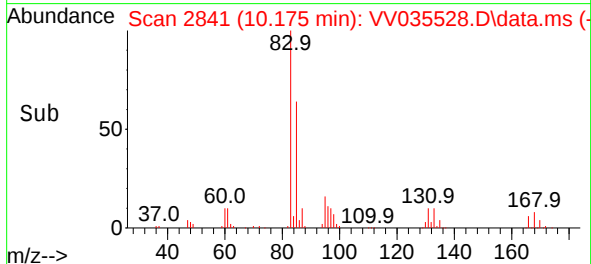
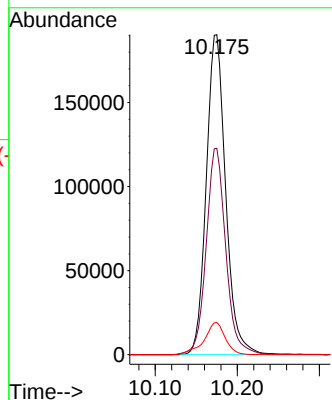
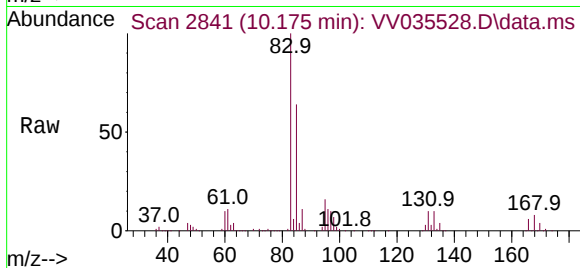
Tgt Ion: 83 Resp: 312239

Ion Ratio Lower Upper

83 100

85 64.5 44.9 83.5

131 10.1 8.1 12.1



#59

Bromoform

Concen: 50.593 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. -0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

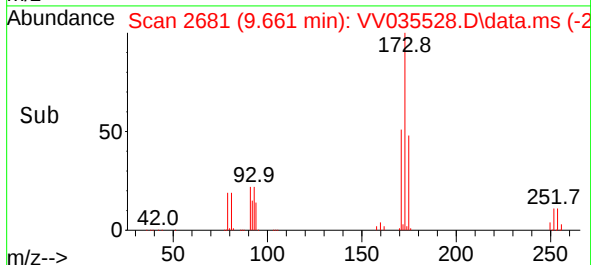
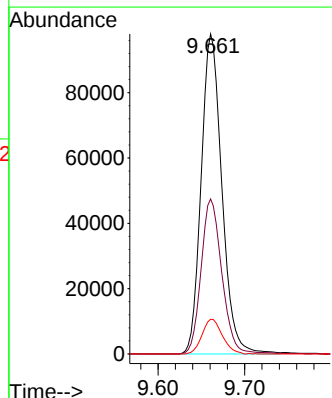
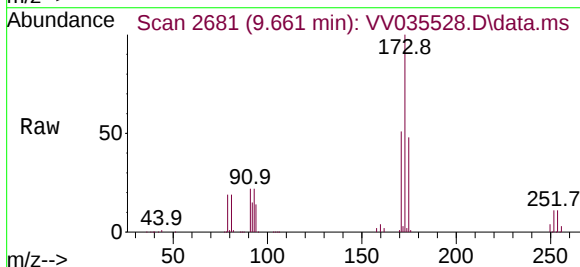
Tgt Ion: 173 Resp: 162830

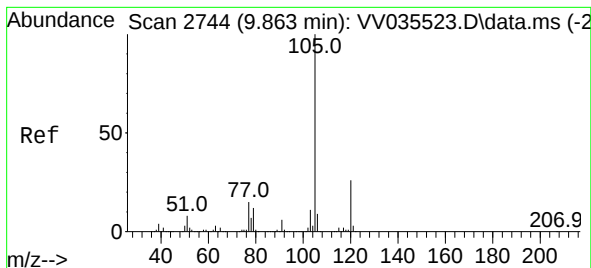
Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.6

254 10.6 8.5 12.7





#60

Isopropylbenzene

Concen: 45.868 ug/L

RT: 9.863 min Scan# 21

Delta R.T. -0.000 min

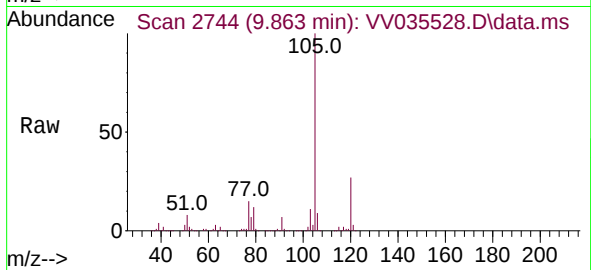
Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

ClientSampleId :



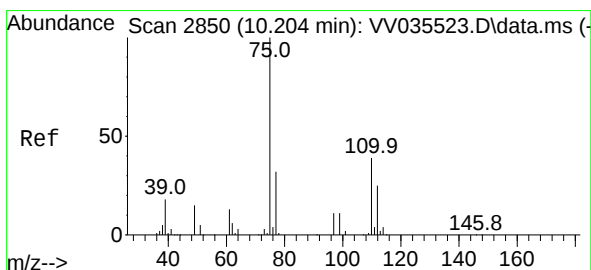
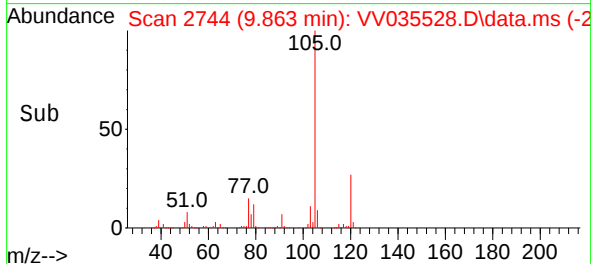
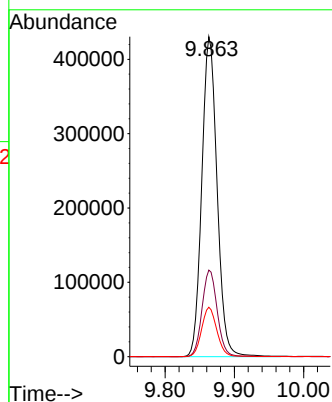
Tgt Ion:105 Resp: 659080

Ion Ratio Lower Upper

105 100

120 26.8 21.5 32.3

77 15.3 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 49.698 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. -0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

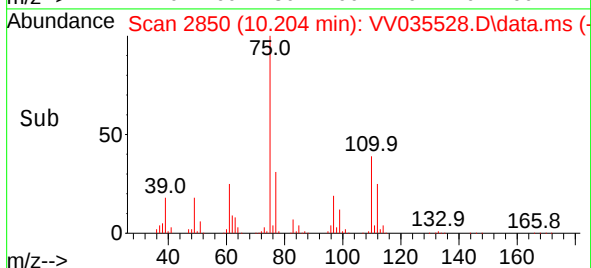
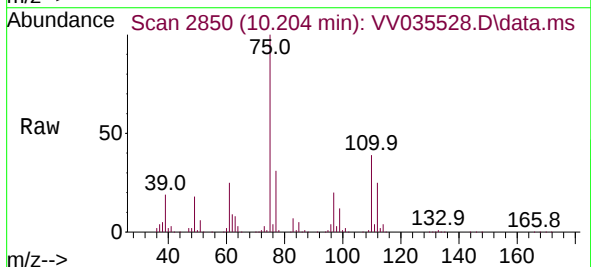
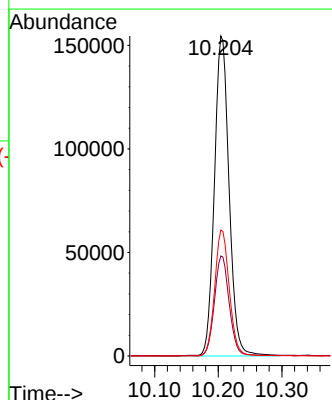
Tgt Ion: 75 Resp: 248091

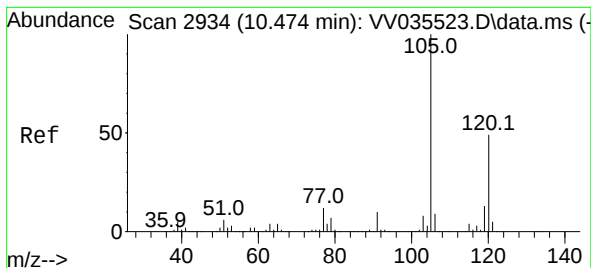
Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.6

110 39.1 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 46.212 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

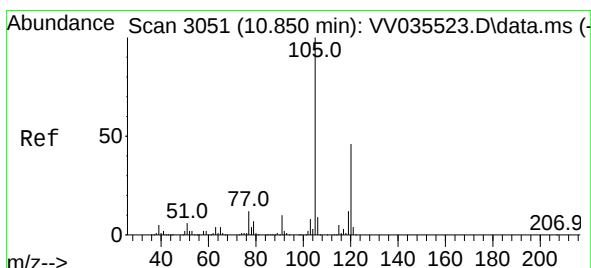
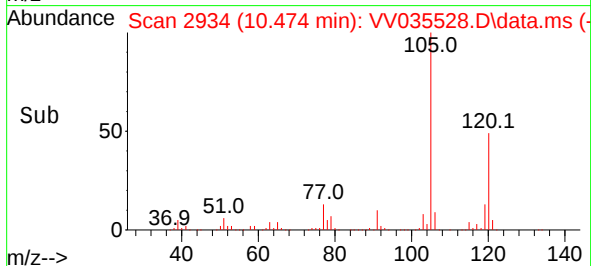
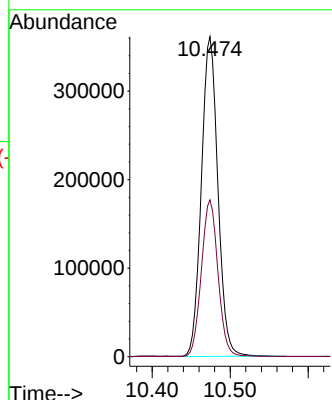
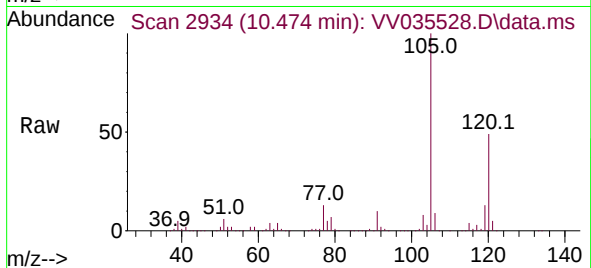
ClientSampleId :

Tgt Ion:105 Resp: 531444

Ion Ratio Lower Upper

105 100

120 49.3 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 47.752 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV035528.D

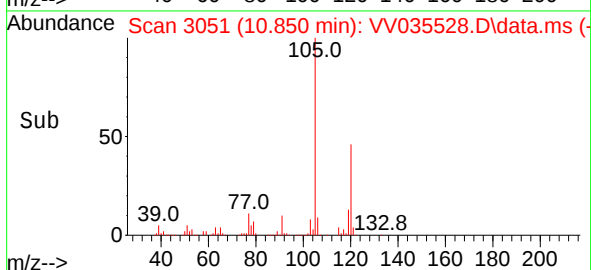
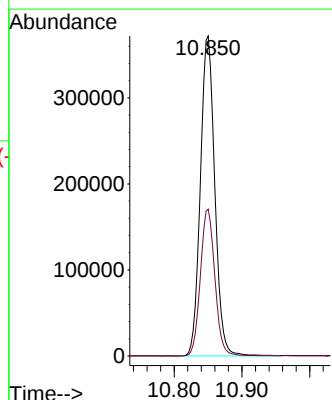
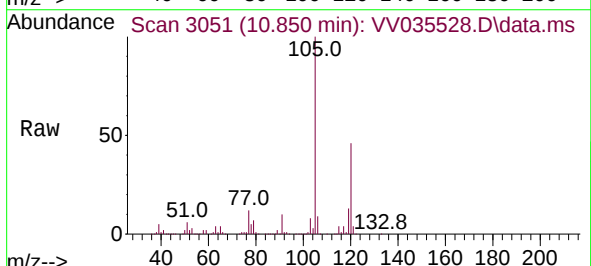
Acq: 03 May 2024 11:52

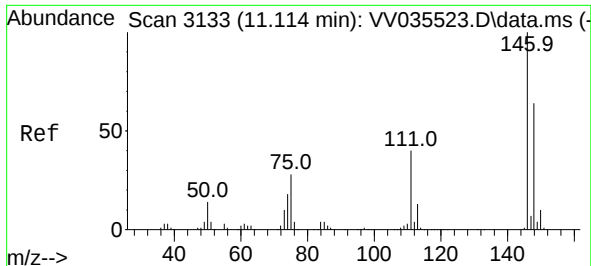
Tgt Ion:105 Resp: 550654

Ion Ratio Lower Upper

105 100

120 46.0 36.6 55.0

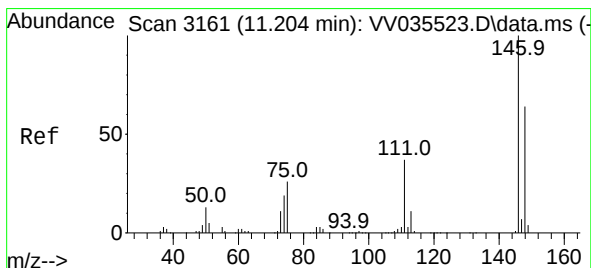
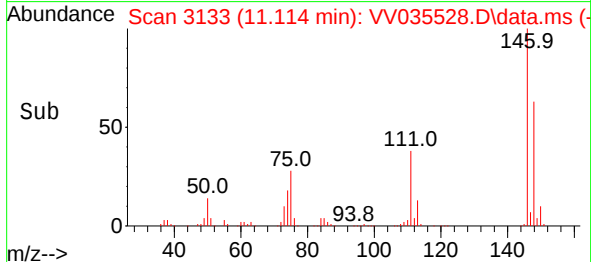
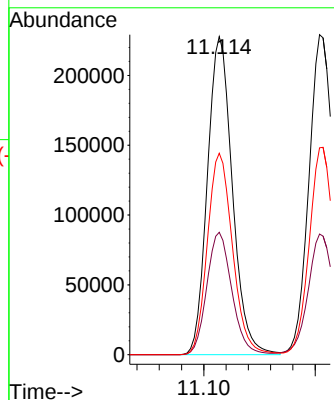
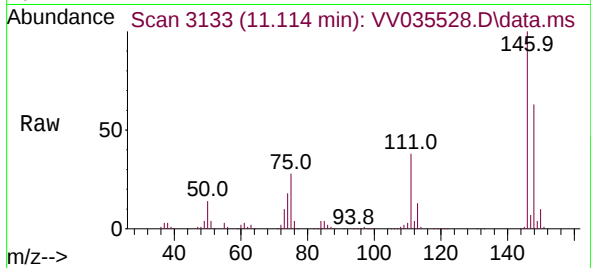




#64
1,3-Dichlorobenzene
Concen: 47.664 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

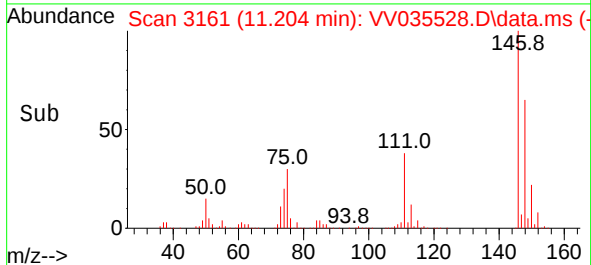
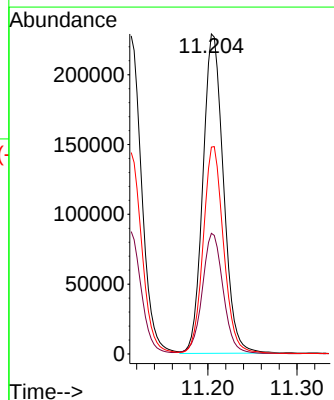
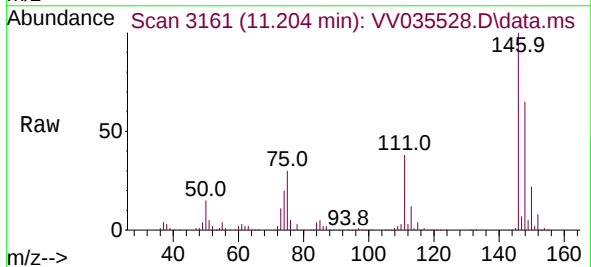
Instrument :
MSVOA_V
ClientSampleId :

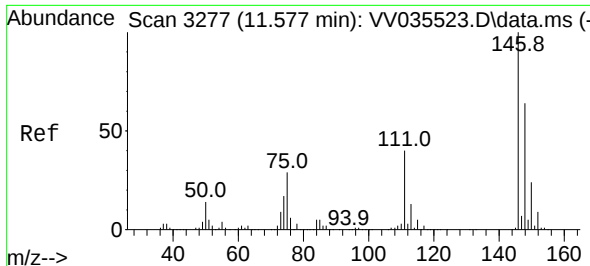
Tgt Ion:146 Resp: 354647
Ion Ratio Lower Upper
146 100
111 38.5 27.9 51.7
148 63.4 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 46.709 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV035528.D
Acq: 03 May 2024 11:52

Tgt Ion:146 Resp: 366722
Ion Ratio Lower Upper
146 100
111 37.7 26.4 49.0
148 64.7 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 48.040 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

ClientSampleId :

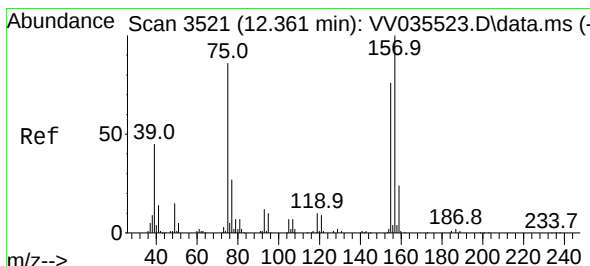
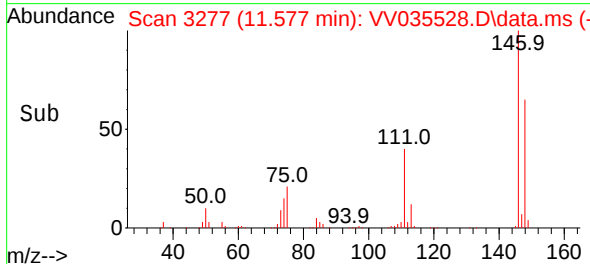
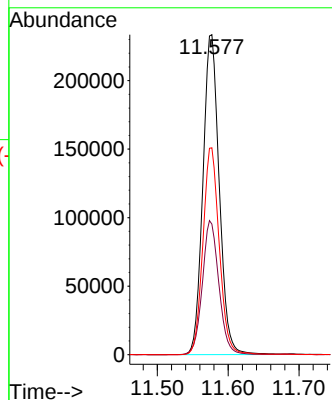
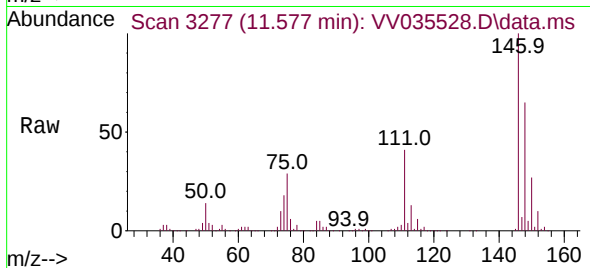
Tgt Ion:146 Resp: 373968

Ion Ratio Lower Upper

146 100

111 40.8 32.1 48.1

148 64.6 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 49.320 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

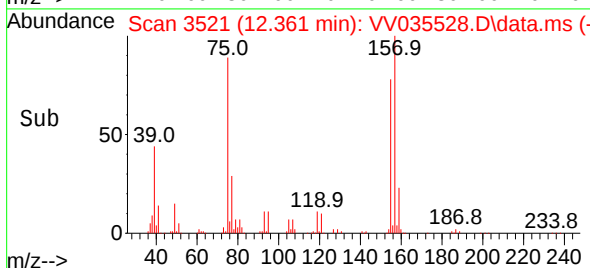
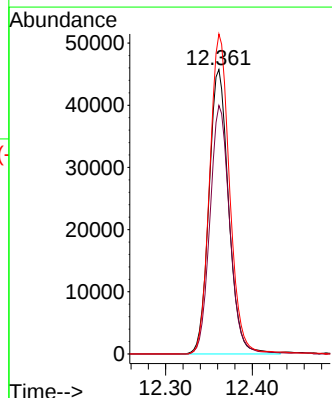
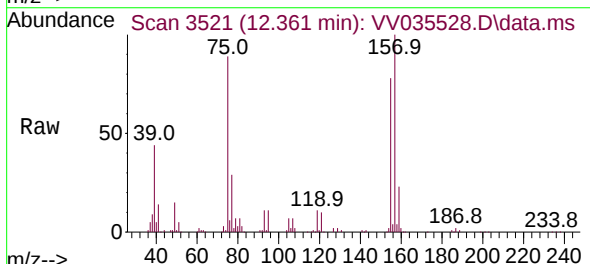
Tgt Ion: 75 Resp: 72508

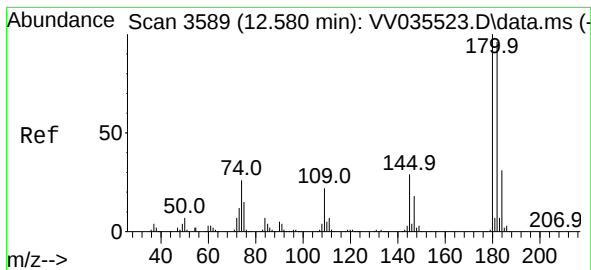
Ion Ratio Lower Upper

75 100

155 87.3 71.4 107.2

157 112.5 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 45.872 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

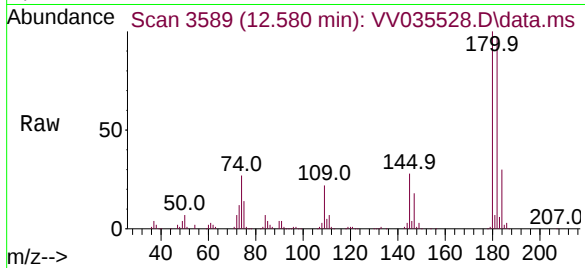
Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 259068

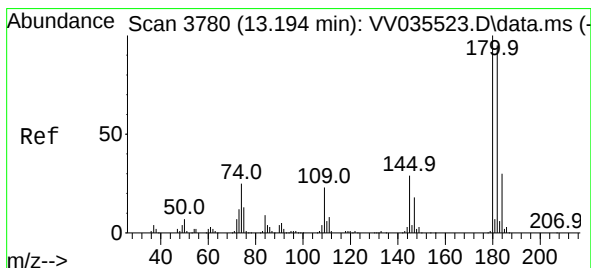
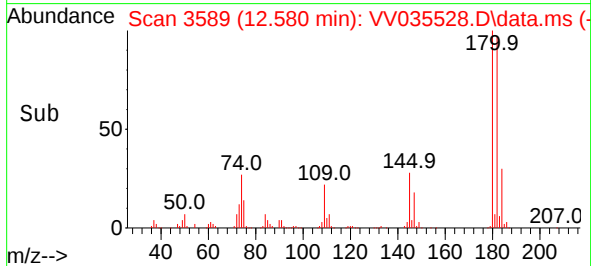
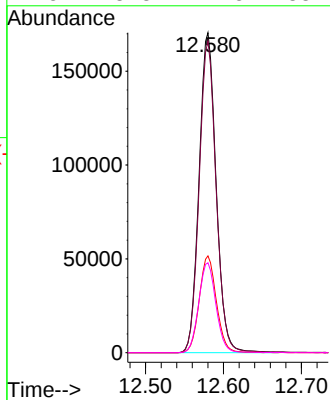
Ion Ratio Lower Upper

180 100

182 96.6 75.7 113.5

184 30.4 24.1 36.1

145 28.3 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 47.257 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

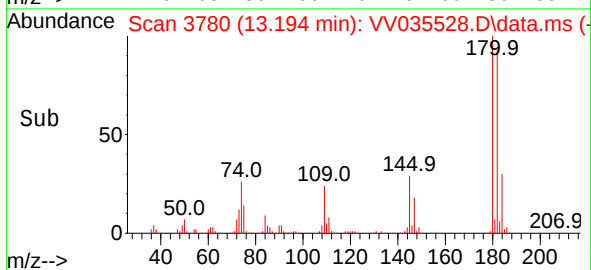
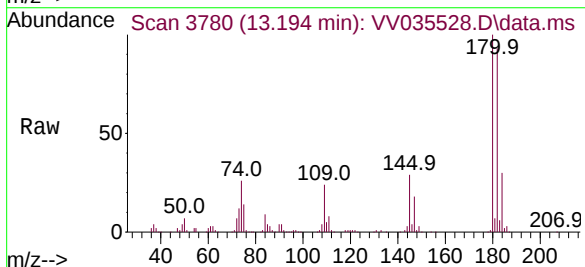
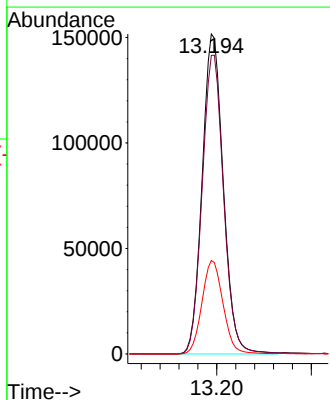
Tgt Ion:180 Resp: 235114

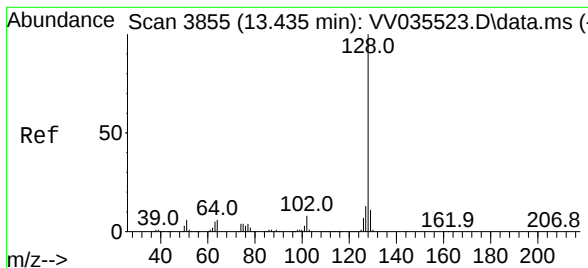
Ion Ratio Lower Upper

180 100

182 94.8 75.7 113.5

145 29.1 23.0 34.4





#71

Naphthalene

Concen: 46.216 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Instrument :

MSVOA_V

ClientSampleId :

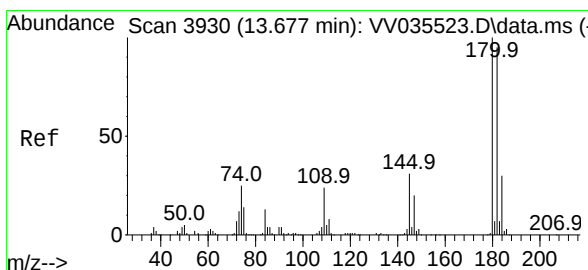
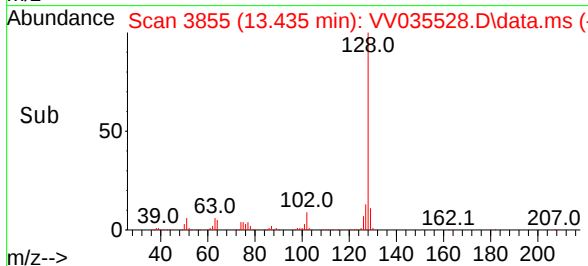
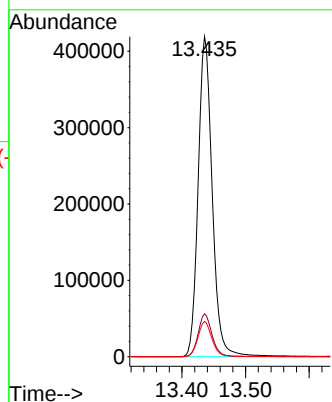
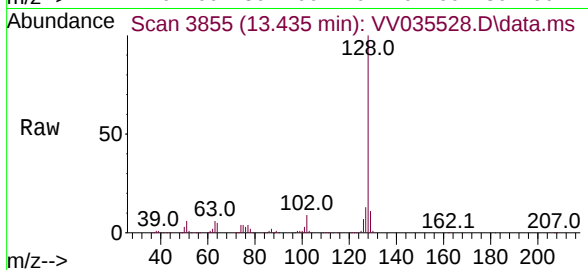
Tgt Ion:128 Resp: 644442

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 49.388 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.000 min

Lab File: VV035528.D

Acq: 03 May 2024 11:52

Tgt Ion:180 Resp: 255049

Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.2

145 30.8 24.9 37.3

