

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051524\
 Data File : VV035613.D
 Acq On : 15 May 2024 08:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 16 01:04:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:29:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	210653	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	219150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	115614	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	60899	4.558	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.532	69	58800	4.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.056	65	27376	4.612	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.834	46	162139	52.069	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.140%
24) Chloroform-d	4.246	84	142090	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	4.944	65	65297	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	4.957	84	248175	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	5.985	67	78377	4.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.239	98	225510	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	7.554	79	29273	5.286	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.800%
46) 2-Hexanone-d5	8.027	63	129853	51.837	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.680%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	63329	4.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	84105	4.704	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	90699	5.374	ug/L	99
3) Chloromethane	1.214	50	96735	5.080	ug/L	98
5) Vinyl chloride	1.281	62	101120	5.287	ug/L	100
6) Bromomethane	1.487	94	65715	5.088	ug/L	99
8) Chloroethane	1.548	64	63563	5.139	ug/L	99
9) Trichlorofluoromethane	1.712	101	130796	5.293	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	84267	5.424	ug/L	99
12) 1,1-Dichloroethene	2.066	96	77179	5.203	ug/L	97
13) Acetone	2.153	43	34434	13.929	ug/L	54
14) Carbon disulfide	2.236	76	220511	5.343	ug/L	100
15) Methyl Acetate	2.391	43	29368	5.176	ug/L	98
16) Methylene chloride	2.442	84	91430	4.376	ug/L	96
17) Methyl tert-butyl Ether	2.703	73	183355	5.355	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	82272	5.341	ug/L	96
19) 1,1-Dichloroethane	3.108	63	160572	5.233	ug/L	99
21) 2-Butanone	3.905	43	174583	52.476	ug/L #	68
22) cis-1,2-Dichloroethene	3.812	96	85045	5.244	ug/L	99
23) Bromochloromethane	4.146	128	42850	5.435	ug/L	96
25) Chloroform	4.272	83	168617	5.254	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051524\
 Data File : VV035613.D
 Acq On : 15 May 2024 08:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

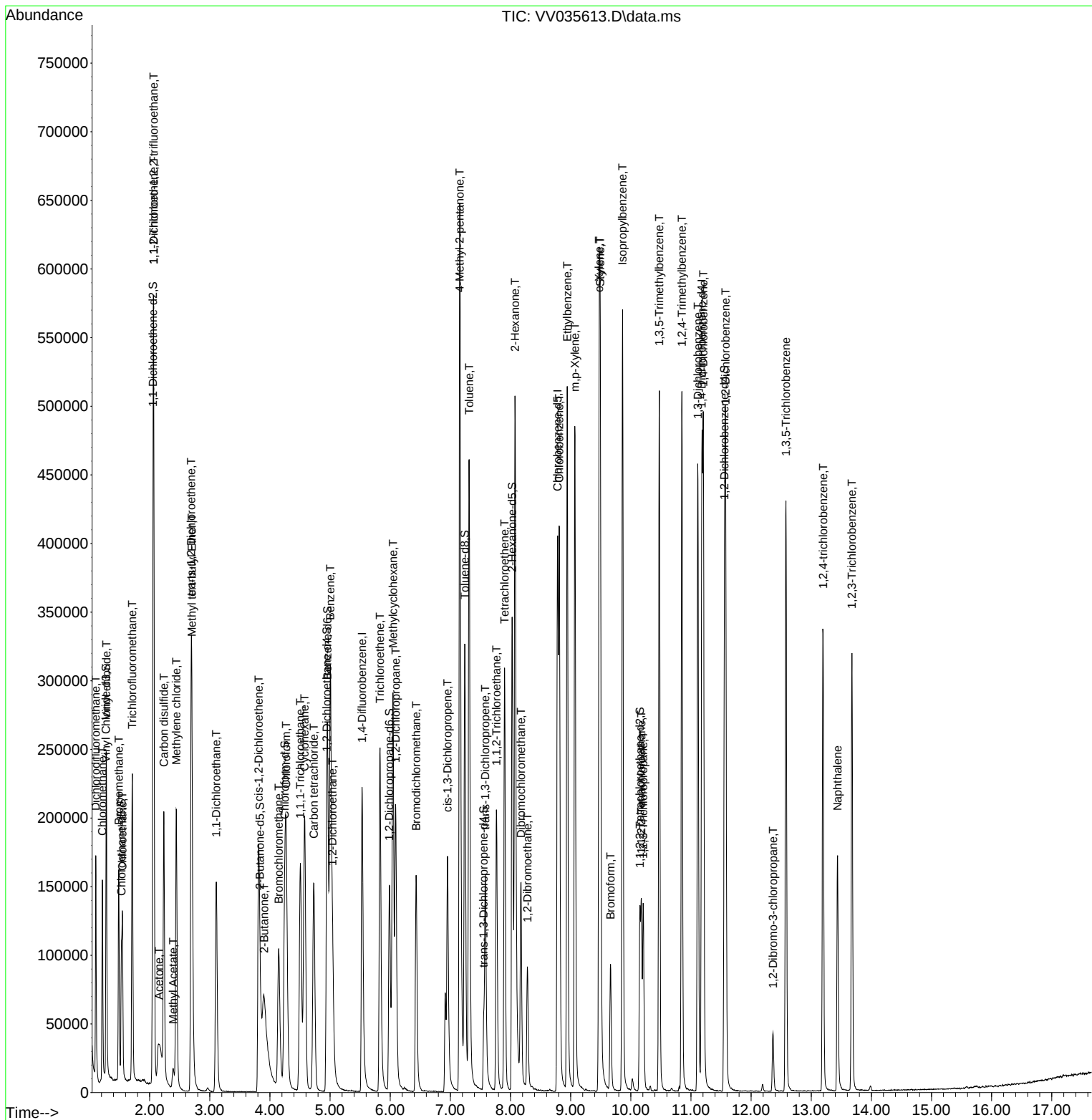
Instrument :
 MSVOA_V
 ClientSampleId :

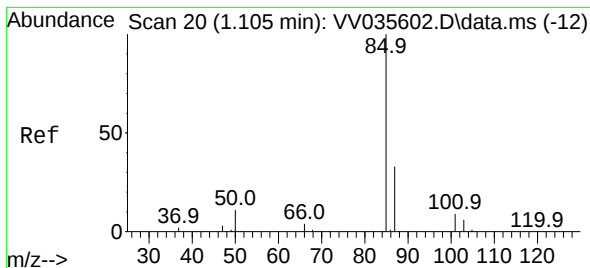
Quant Time: May 16 01:04:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:29:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	96310	5.407	ug/L	98
29) 1,1,1-Trichloroethane	4.506	97	141231	5.322	ug/L	99
30) Cyclohexane	4.577	56	103913	5.419	ug/L	99
31) Carbon tetrachloride	4.728	117	121756	5.271	ug/L	100
33) Benzene	5.005	78	335188	5.560	ug/L	100
34) Trichloroethene	5.831	95	94302	5.454	ug/L	99
35) Methylcyclohexane	6.047	83	117831	5.268	ug/L	100
37) 1,2-Dichloropropane	6.092	63	90698	5.611	ug/L	100
38) Bromodichloromethane	6.432	83	118105	5.413	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	120111	5.563	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	447267	58.225	ug/L	100
42) Toluene	7.313	91	363376	5.783	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	101617	5.583	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	68615	5.419	ug/L	99
47) Tetrachloroethene	7.902	164	72607	5.322	ug/L	97
48) 2-Hexanone	8.075	43	334251	59.176	ug/L	99
49) Dibromochloromethane	8.175	129	77839	5.560	ug/L	99
50) 1,2-Dibromoethane	8.281	107	62712	5.328	ug/L	98
51) Chlorobenzene	8.812	112	234457	5.370	ug/L	100
52) Ethylbenzene	8.944	91	360853	5.501	ug/L	99
53) m,p-Xylene	9.072	106	136500	5.461	ug/L	98
54) o-Xylene	9.474	106	128394	5.428	ug/L	91
55) Styrene	9.493	104	242506	5.886	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	67053	4.955	ug/L	98
59) Bromoform	9.664	173	44175	5.311	ug/L	100
60) Isopropylbenzene	9.863	105	357248	5.449	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	55304	5.129	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	268711	5.210	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	280117	5.488	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	191940	5.438	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	196335	5.407	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	178168	5.284	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	12052	5.245	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	141096	5.284	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	110810	5.230	ug/L	99
71) Naphthalene	13.438	128	145379	4.773	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	103159	5.265	ug/L	100

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

Quant Time: May 16 01:04:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 15 02:29:38 2024
Response via : Initial Calibration

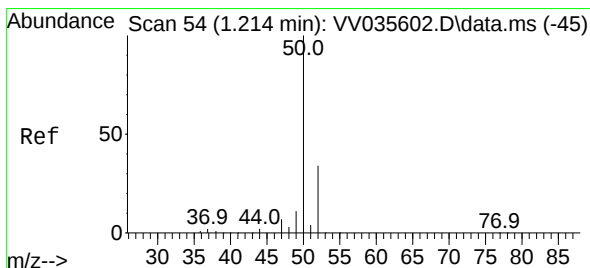
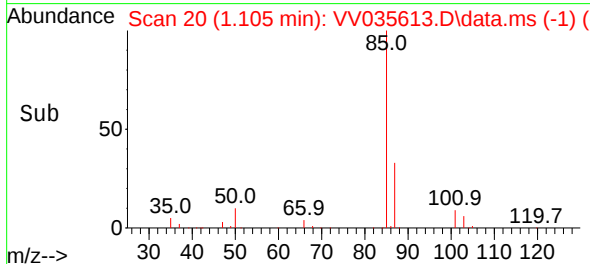
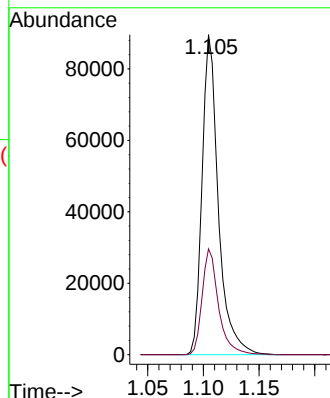
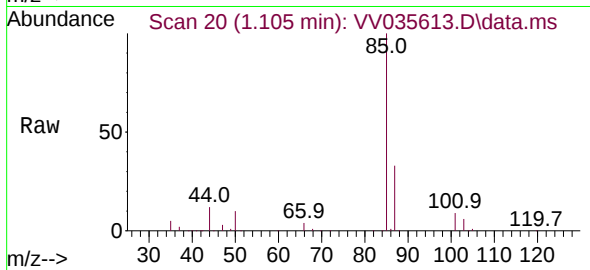




#2
Dichlorodifluoromethane
Concen: 5.374 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

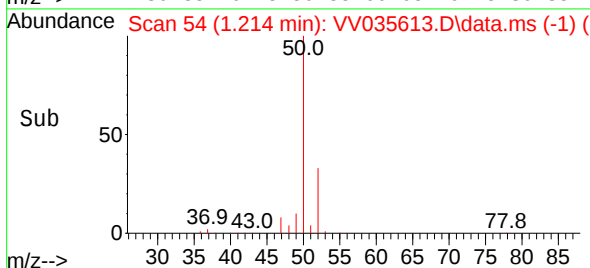
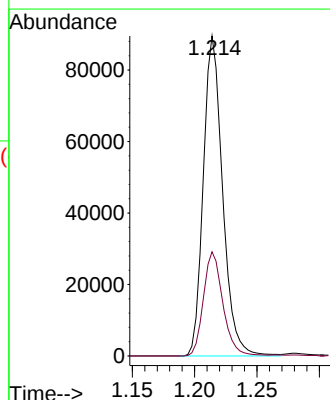
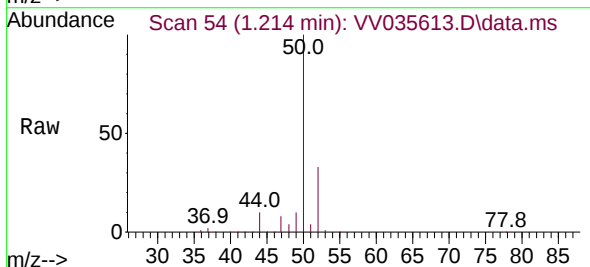
Instrument :
MSVOA_V
ClientSampleId :

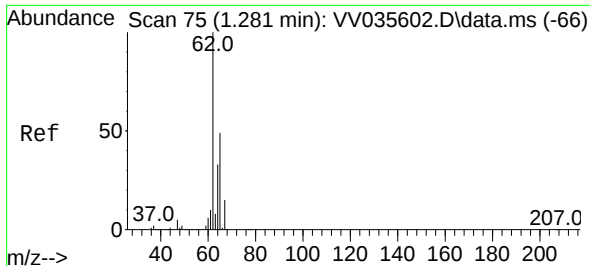
Tgt Ion: 85 Resp: 90699
Ion Ratio Lower Upper
85 100
87 33.3 26.4 39.6



#3
Chloromethane
Concen: 5.080 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

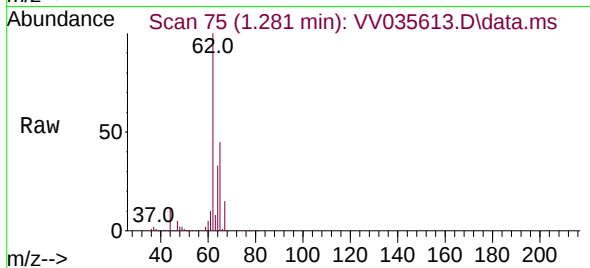
Tgt Ion: 50 Resp: 96735
Ion Ratio Lower Upper
50 100
52 32.6 23.7 43.9



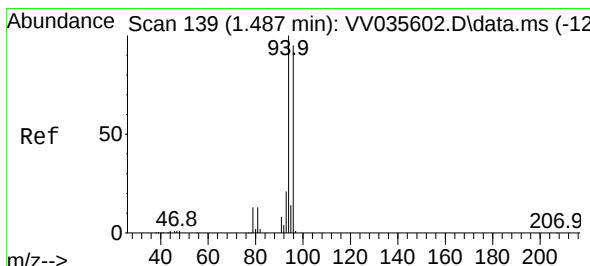
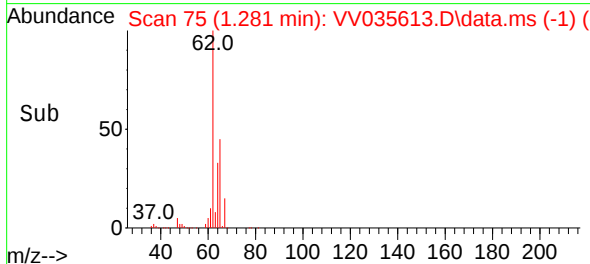
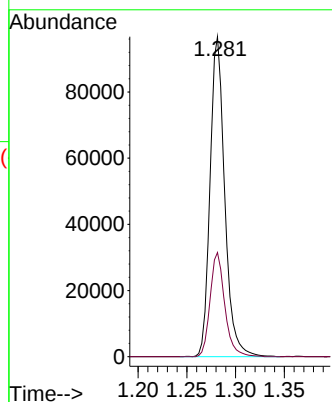


#5
 Vinyl chloride
 Concen: 5.287 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV035613.D
 Acq: 15 May 2024 08:56

Instrument :
 MSVOA_V
 ClientSampleId :

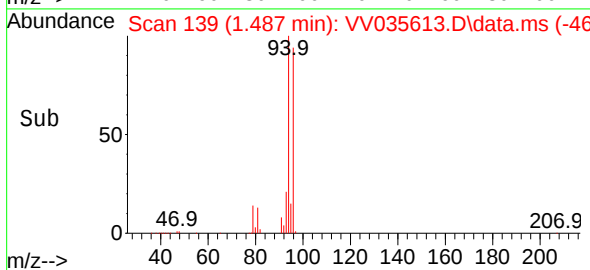
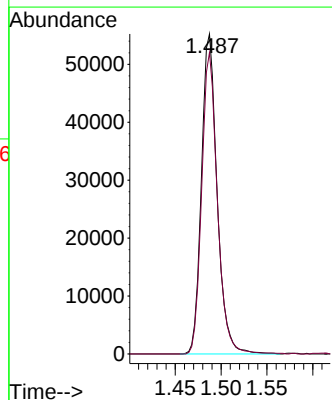
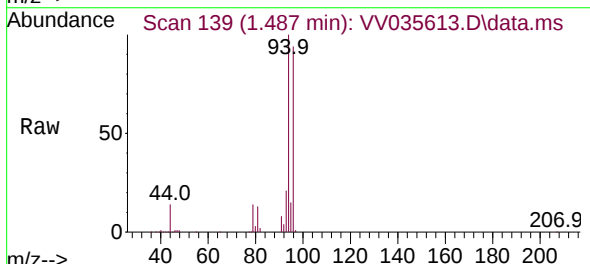


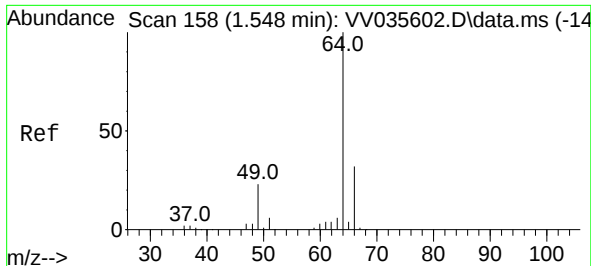
Tgt Ion: 62 Resp: 101120
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.9 42.5



#6
 Bromomethane
 Concen: 5.088 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV035613.D
 Acq: 15 May 2024 08:56

Tgt Ion: 94 Resp: 65715
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.4 123.4

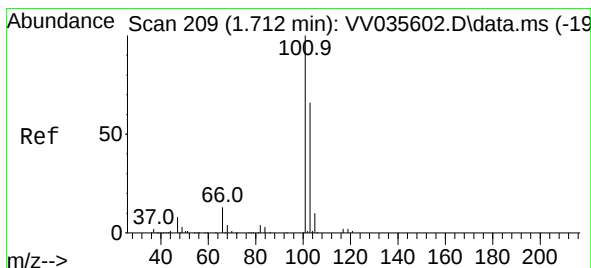
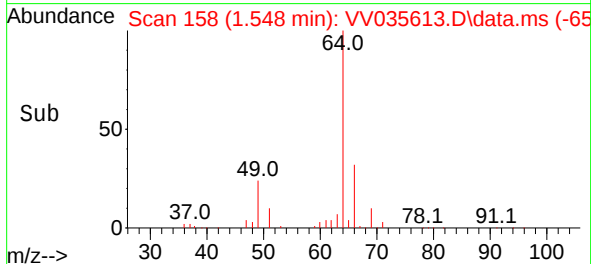
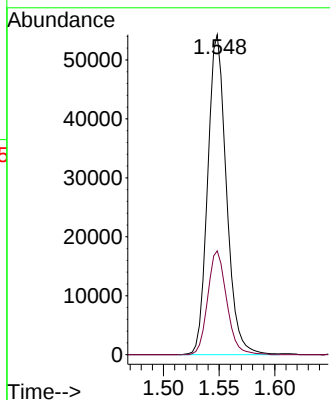
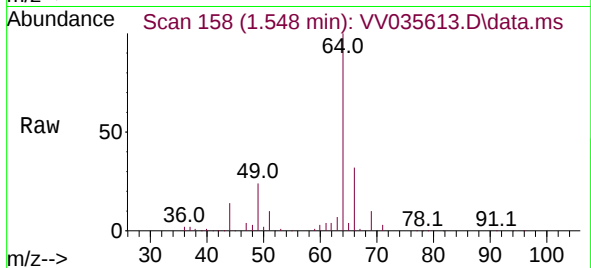




#8
Chloroethane
Concen: 5.139 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

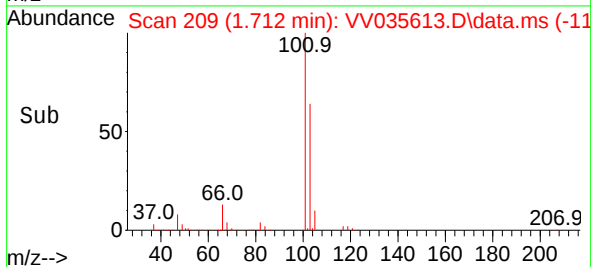
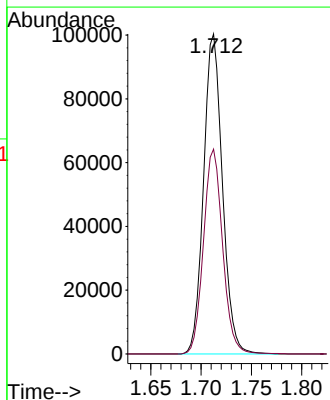
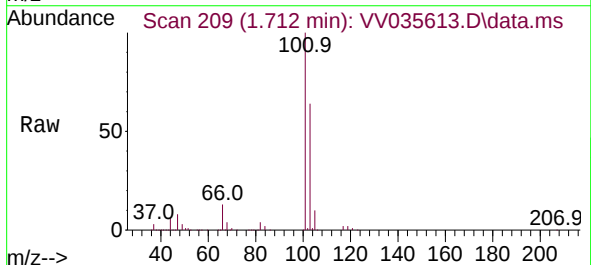
Instrument :
MSVOA_V
ClientSampleId :

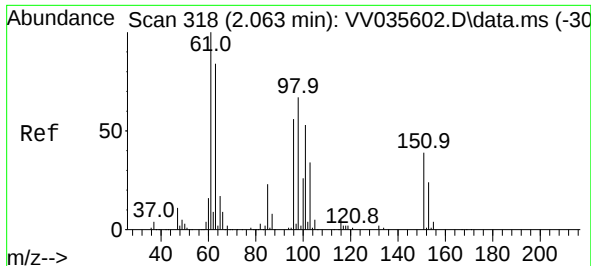
Tgt Ion: 64 Resp: 63563
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.293 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

Tgt Ion:101 Resp: 130796
Ion Ratio Lower Upper
101 100
103 65.0 52.8 79.2





#10

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

Concen: 5.424 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :

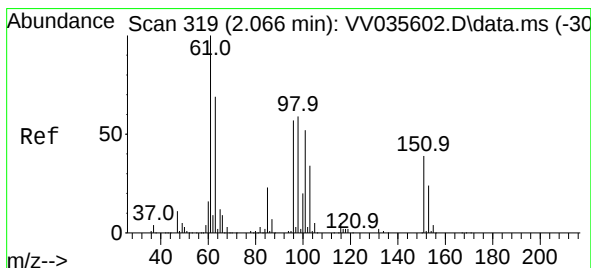
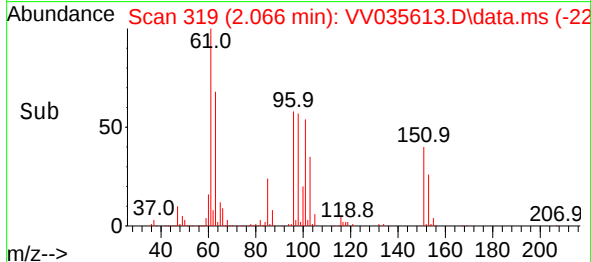
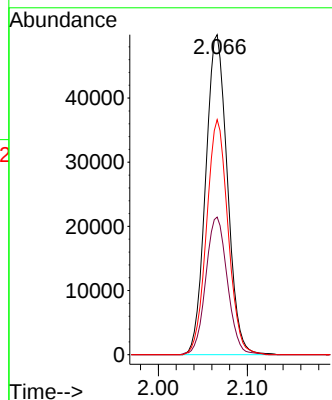
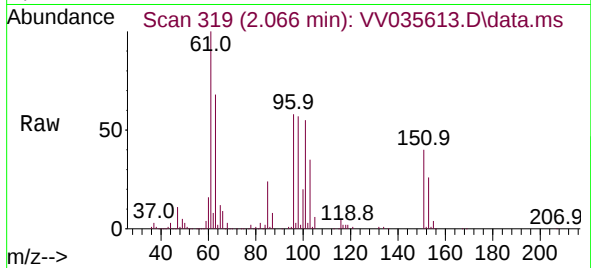
Tgt Ion:101 Resp: 84267

Ion Ratio Lower Upper

101 100

85 42.9 34.6 51.8

151 72.8 59.3 88.9



#12

1,1-Dichloroethene

Concen: 5.203 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

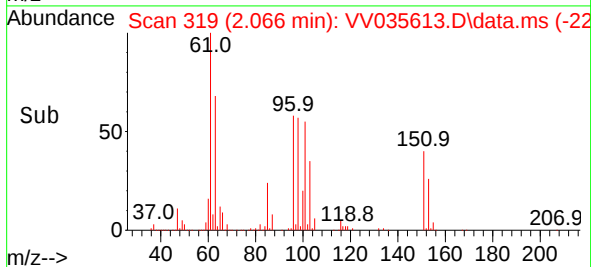
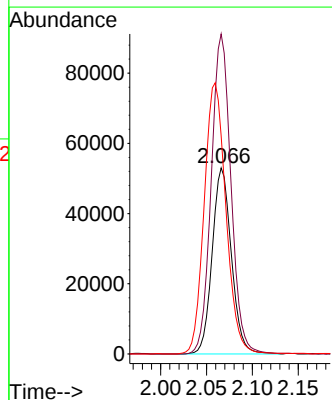
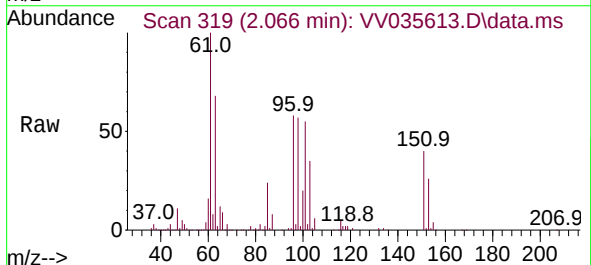
Tgt Ion: 96 Resp: 77179

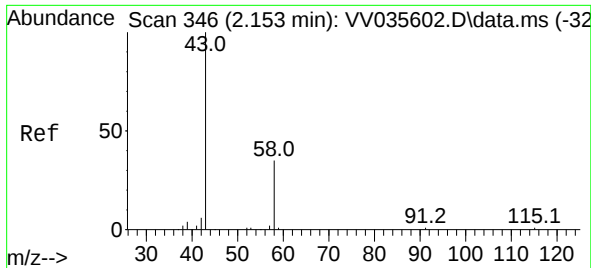
Ion Ratio Lower Upper

96 100

61 172.0 122.8 228.1

63 117.2 85.1 158.1





#13

Acetone

Concen: 13.929 ug/L

RT: 2.153 min Scan# 346

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

Instrument :

MSVOA_V

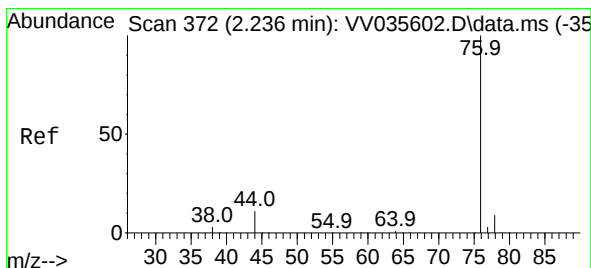
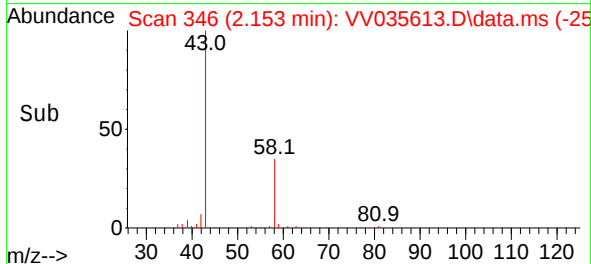
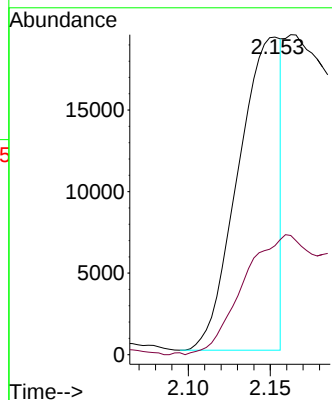
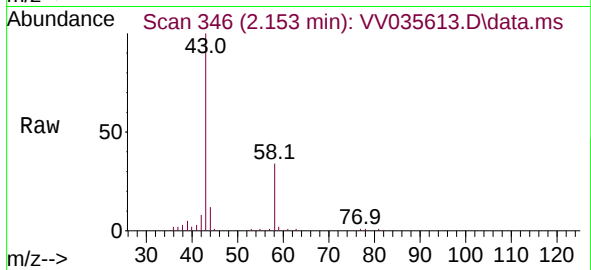
ClientSampleId :

Tgt Ion: 43 Resp: 34434

Ion Ratio Lower Upper

43 100

58 61.1 0.0 69.2



#14

Carbon disulfide

Concen: 5.343 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035613.D

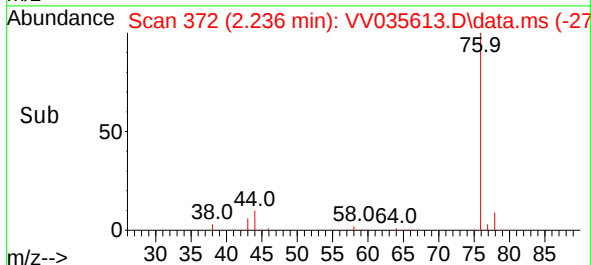
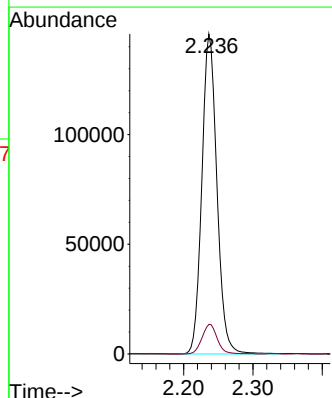
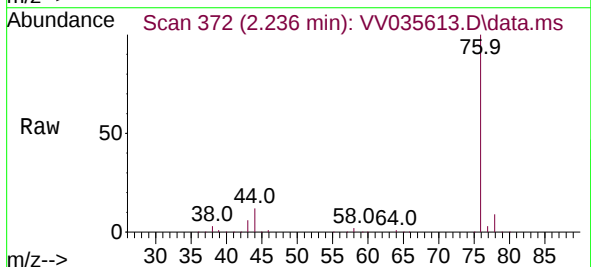
Acq: 15 May 2024 08:56

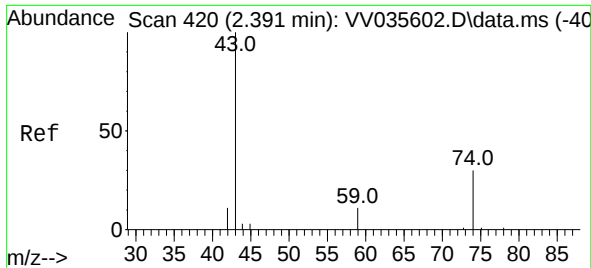
Tgt Ion: 76 Resp: 220511

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9

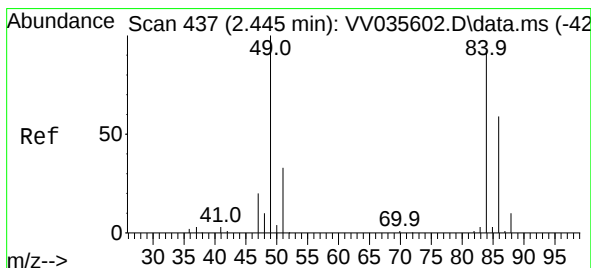
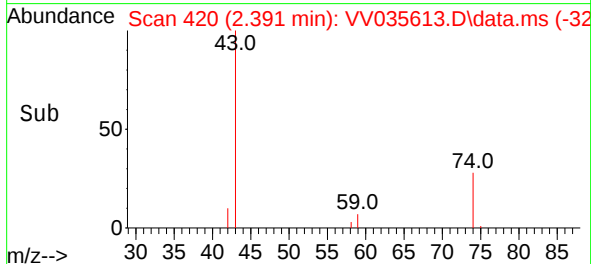
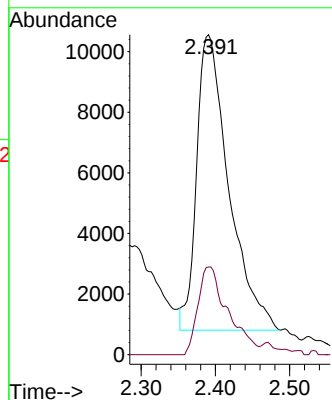
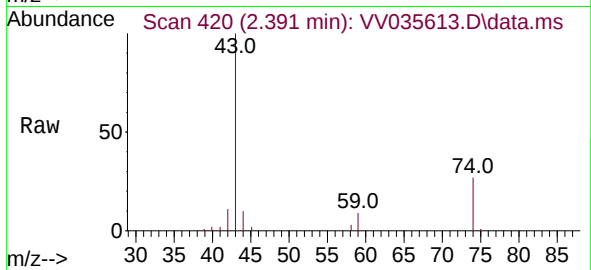




#15
Methyl Acetate
Concen: 5.176 ug/L
RT: 2.391 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

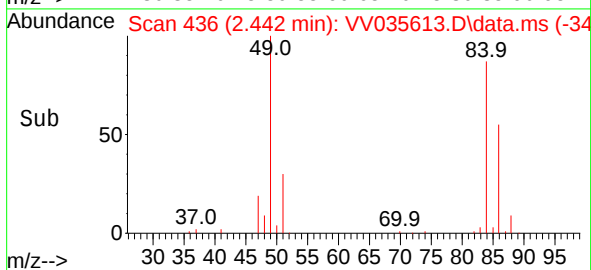
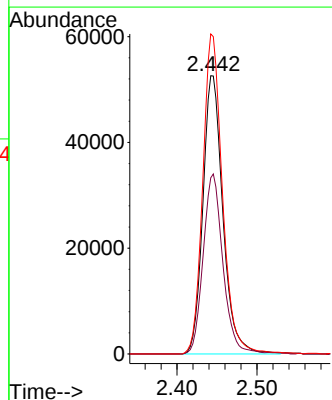
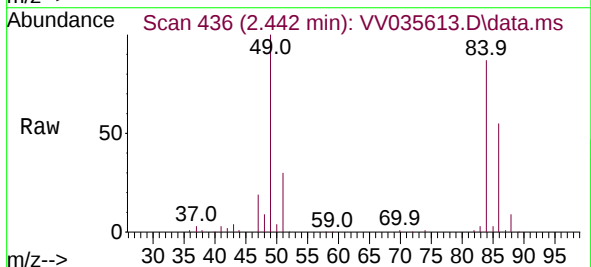
Instrument :
MSVOA_V
ClientSampleId :

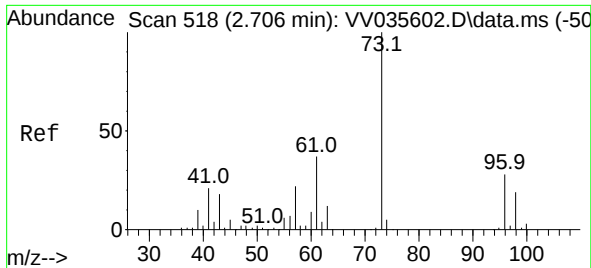
Tgt Ion: 43 Resp: 29368
Ion Ratio Lower Upper
43 100
74 27.8 23.2 34.8



#16
Methylene chloride
Concen: 4.376 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

Tgt Ion: 84 Resp: 91430
Ion Ratio Lower Upper
84 100
86 63.3 44.9 83.5
49 115.0 75.8 140.8

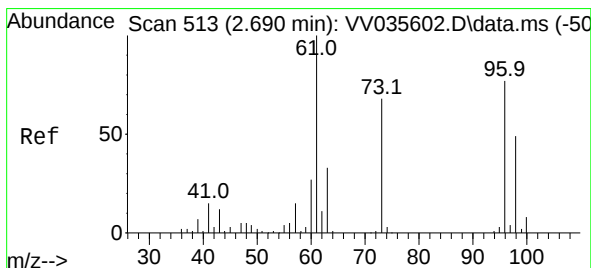
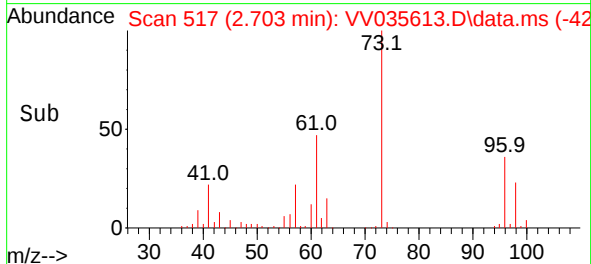
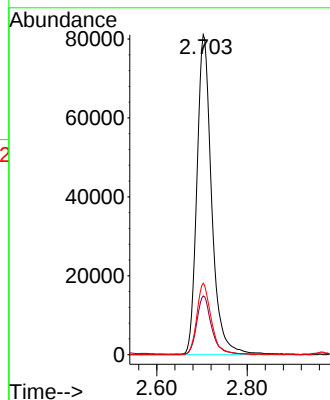
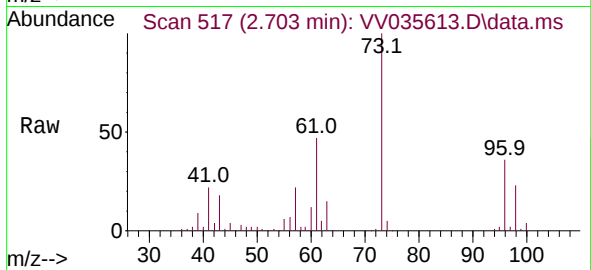




#17
Methyl tert-butyl Ether
Concen: 5.355 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

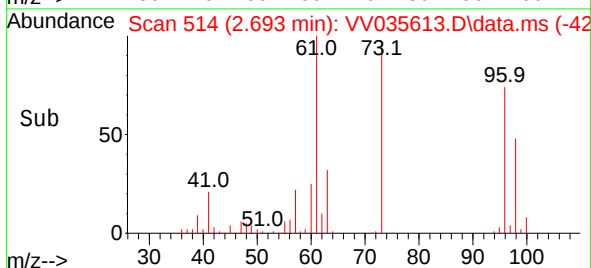
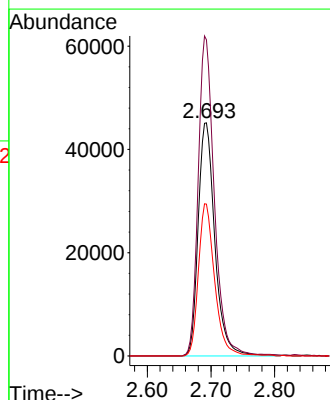
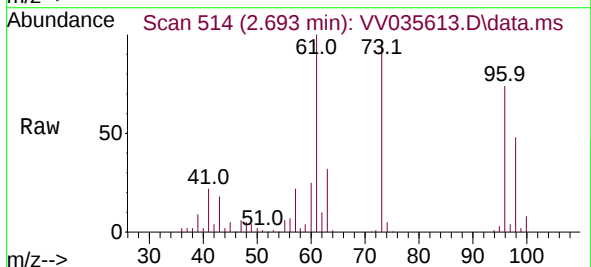
Instrument :
MSVOA_V
ClientSampleId :

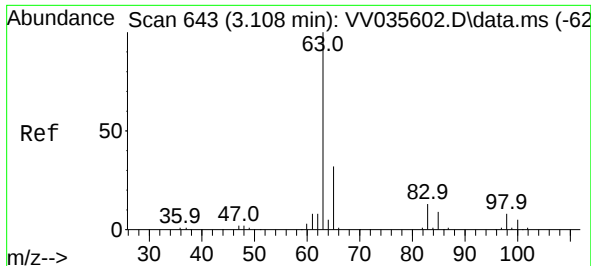
Tgt Ion: 73 Resp: 183355
Ion Ratio Lower Upper
73 100
43 17.7 13.8 20.8
57 22.0 17.7 26.5



#18
trans-1,2-Dichloroethene
Concen: 5.341 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

Tgt Ion: 96 Resp: 82272
Ion Ratio Lower Upper
96 100
61 135.7 91.1 169.3
98 65.2 44.7 83.1

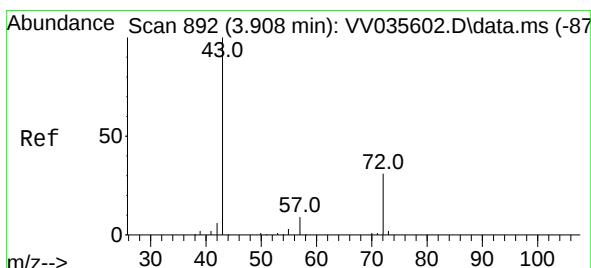
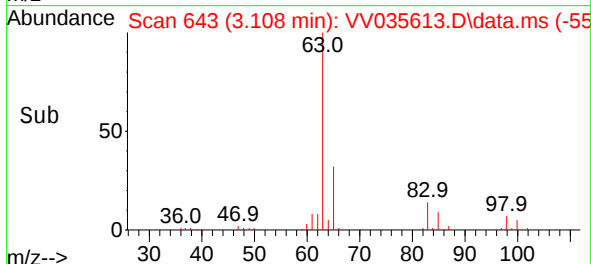
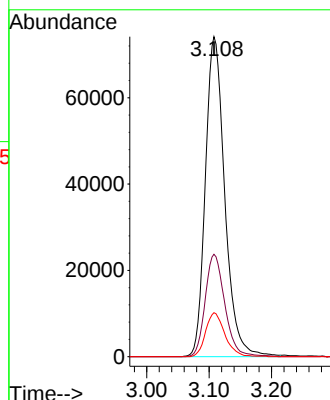
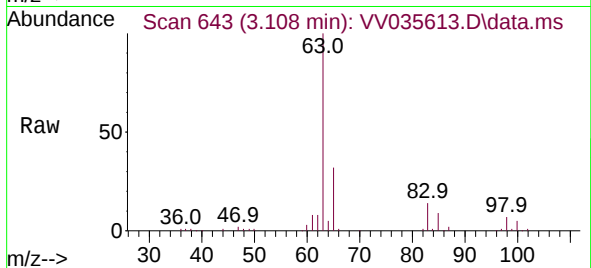




#19
1,1-Dichloroethane
Concen: 5.233 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

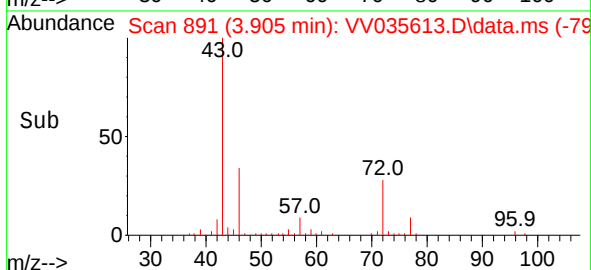
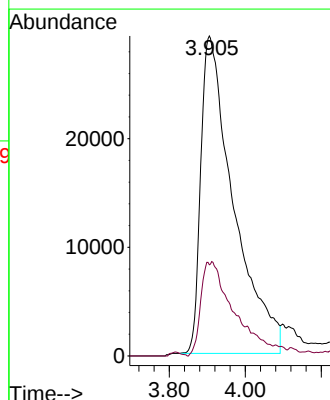
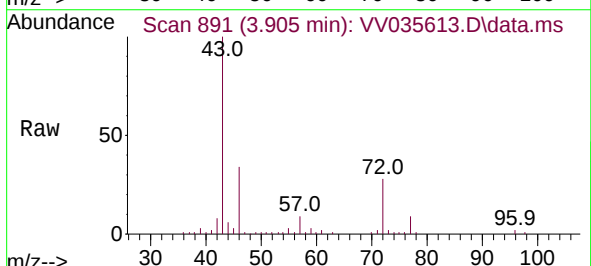
Instrument :
MSVOA_V
ClientSampleId :

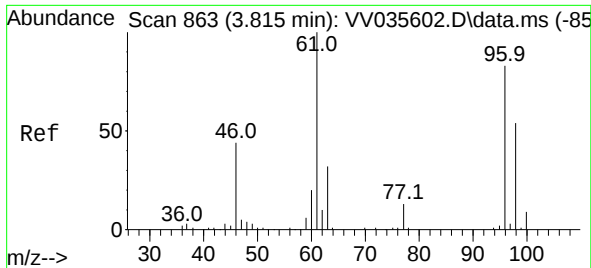
Tgt Ion: 63 Resp: 160572
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.9
83 13.8 9.2 17.0



#21
2-Butanone
Concen: 52.476 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

Tgt Ion: 43 Resp: 174583
Ion Ratio Lower Upper
43 100
72 8.0 12.0 36.1#





#22

cis-1,2-Dichloroethene

Concen: 5.244 ug/L

RT: 3.812 min Scan# 862

Delta R.T. -0.003 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :

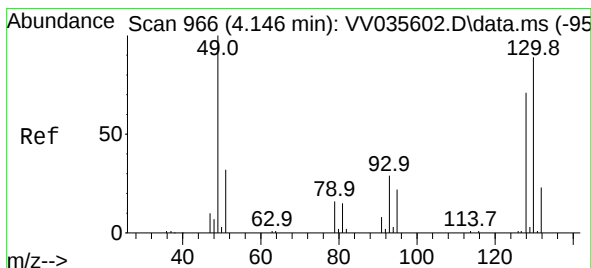
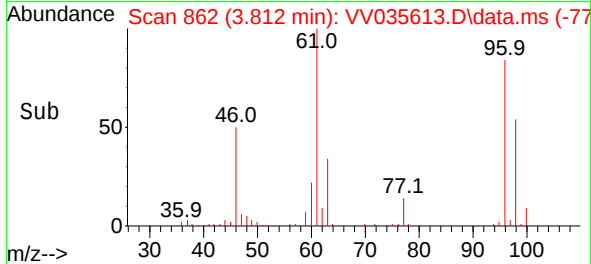
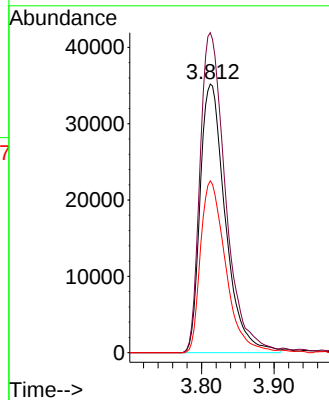
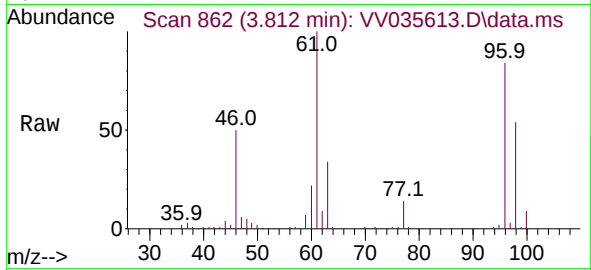
Tgt Ion: 96 Resp: 85045

Ion Ratio Lower Upper

96 100

61 119.1 84.3 156.5

98 64.0 45.6 84.6



#23

Bromochloromethane

Concen: 5.435 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

Tgt Ion:128 Resp: 42850

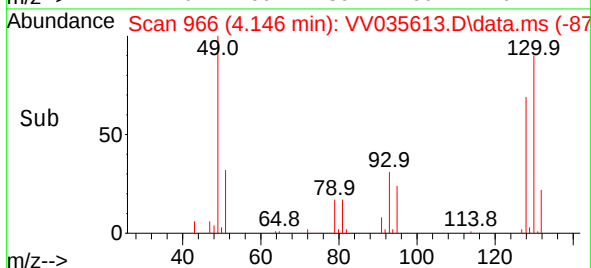
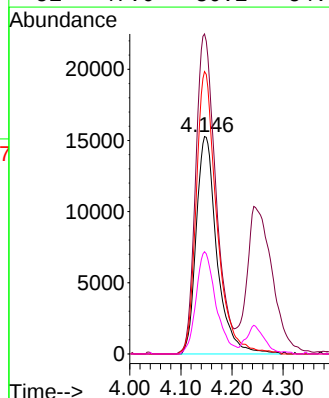
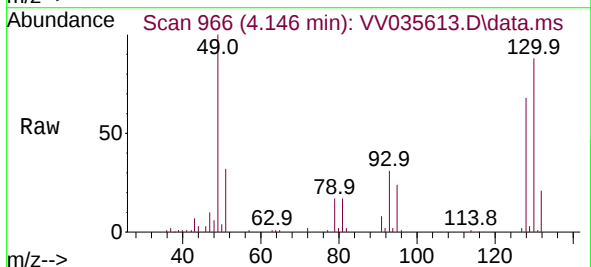
Ion Ratio Lower Upper

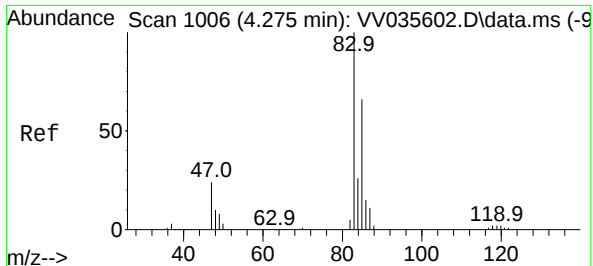
128 100

49 147.1 98.6 183.0

130 129.9 87.6 162.8

51 47.0 36.2 54.4





#25

Chloroform

Concen: 5.254 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. -0.003 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

Instrument :

MSVOA_V

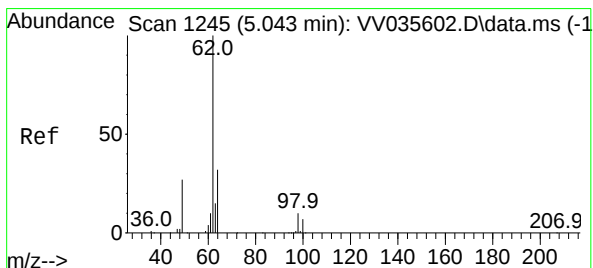
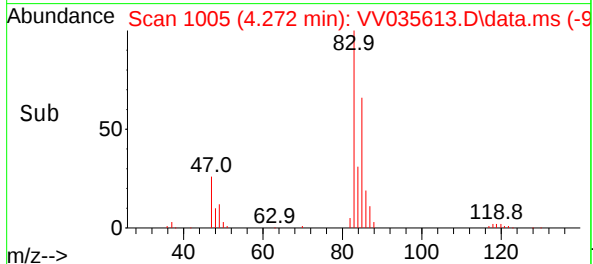
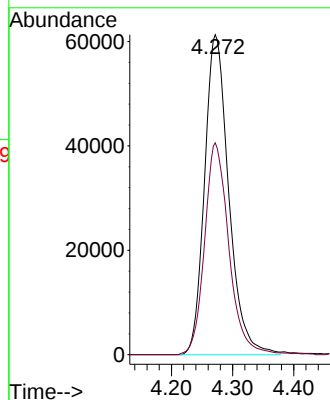
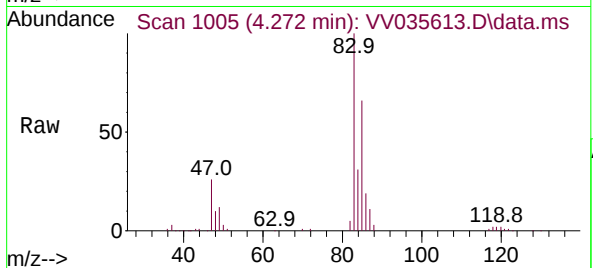
ClientSampleId :

Tgt Ion: 83 Resp: 168617

Ion Ratio Lower Upper

83 100

85 66.2 45.9 85.3



#27

1,2-Dichloroethane

Concen: 5.407 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.003 min

Lab File: VV035613.D

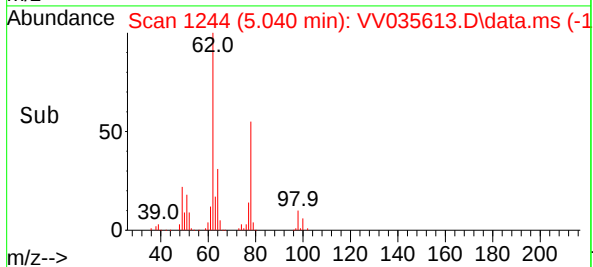
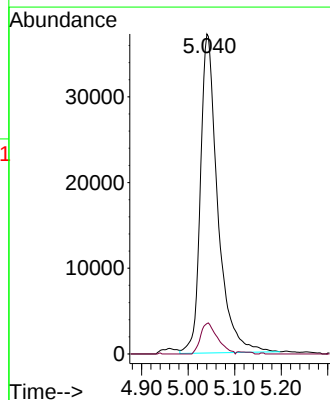
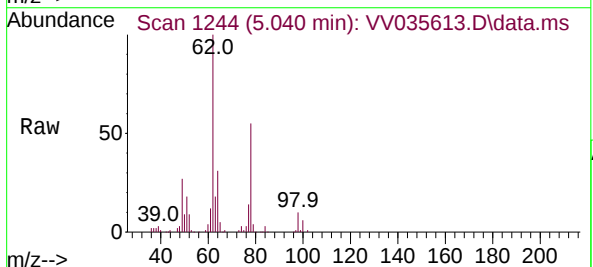
Acq: 15 May 2024 08:56

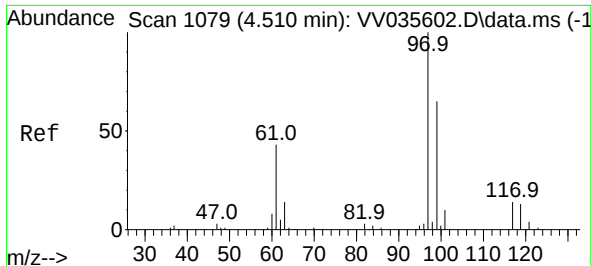
Tgt Ion: 62 Resp: 96310

Ion Ratio Lower Upper

62 100

98 9.5 8.2 12.4

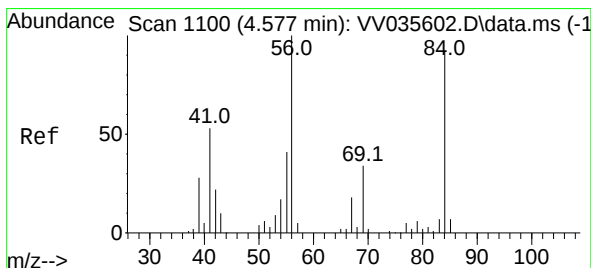
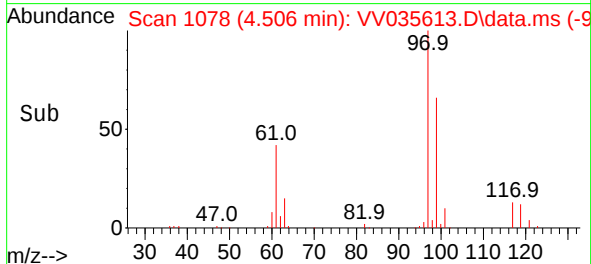
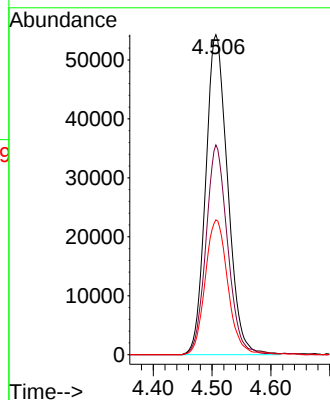
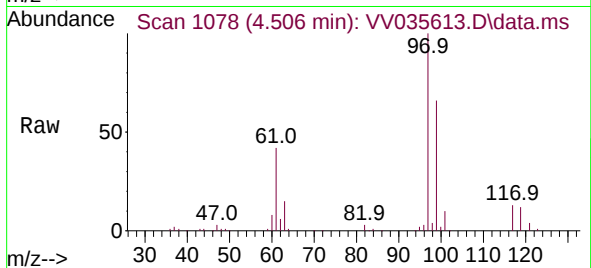




#29
1,1,1-Trichloroethane
Concen: 5.322 ug/L
RT: 4.506 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

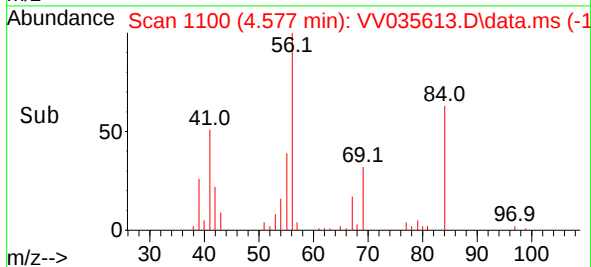
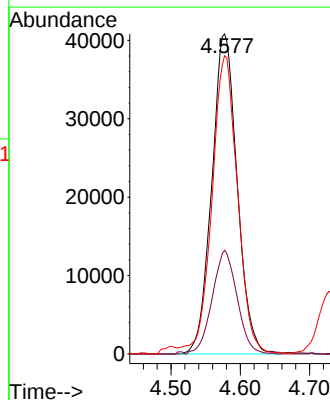
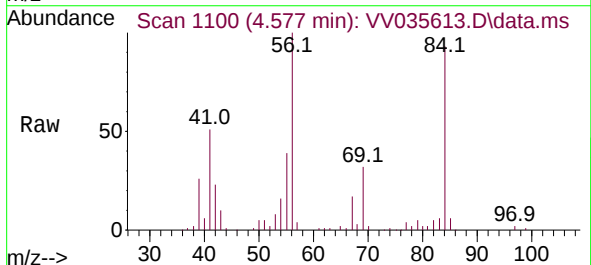
Instrument :
MSVOA_V
ClientSampleId :

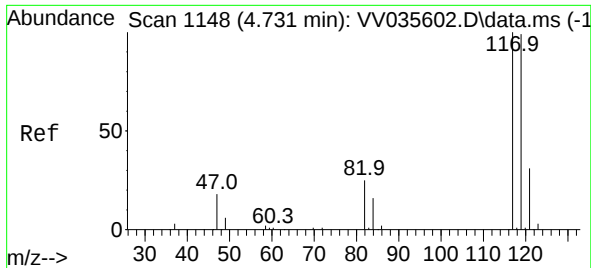
Tgt Ion: 97 Resp: 141231
Ion Ratio Lower Upper
97 100
99 64.3 52.4 78.6
61 43.1 33.9 50.9



#30
Cyclohexane
Concen: 5.419 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

Tgt Ion: 56 Resp: 103913
Ion Ratio Lower Upper
56 100
69 31.7 26.4 39.6
84 92.7 75.0 112.6

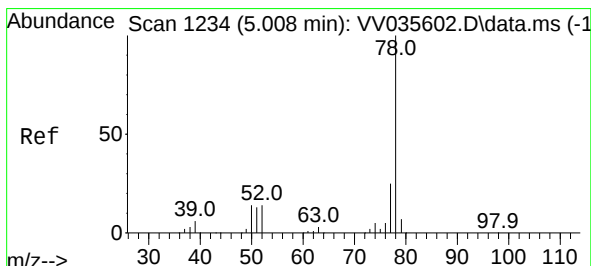
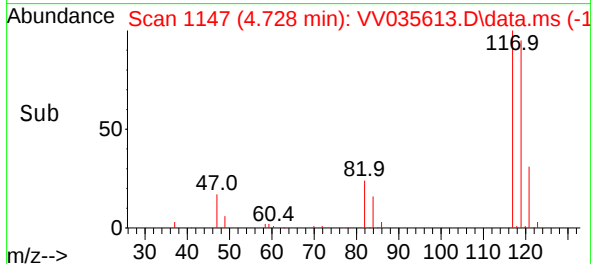
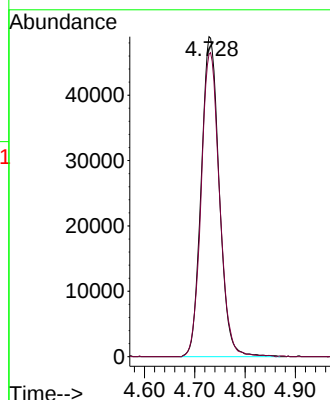
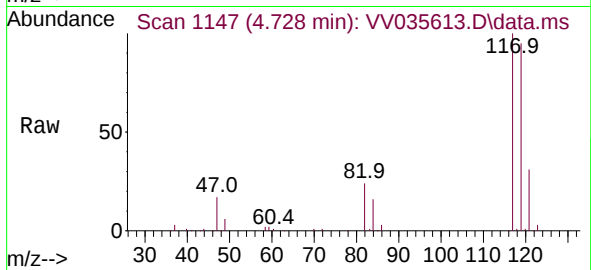




#31
Carbon tetrachloride
Concen: 5.271 ug/L
RT: 4.728 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

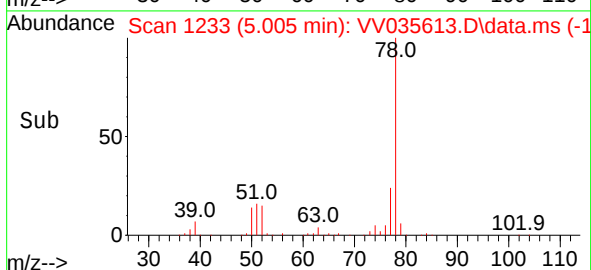
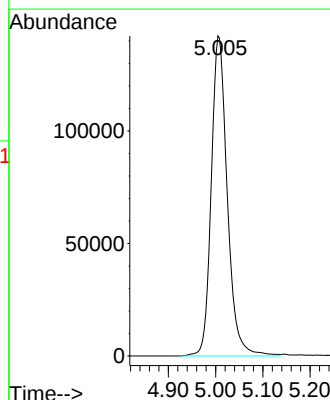
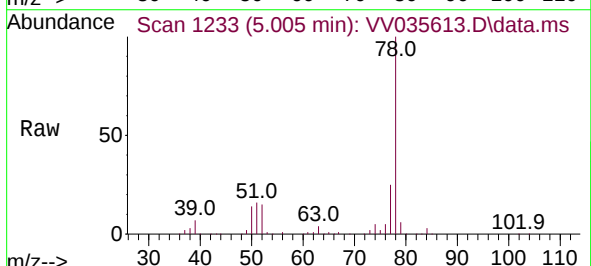
Instrument :
MSVOA_V
ClientSampleId :

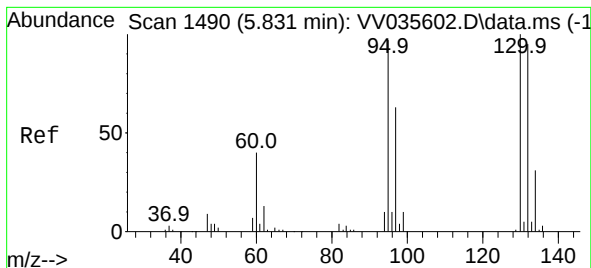
Tgt Ion:117 Resp: 121756
Ion Ratio Lower Upper
117 100
119 96.6 77.2 115.8



#33
Benzene
Concen: 5.560 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.003 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

Tgt Ion: 78 Resp: 335188





#34

Trichloroethene

Concen: 5.454 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

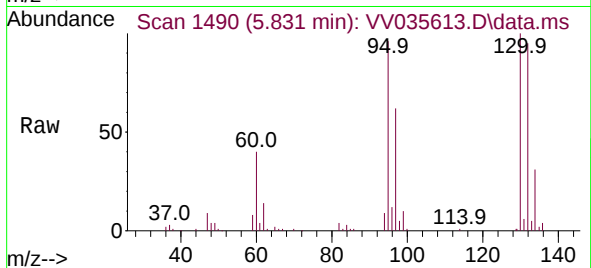
Lab File: VV035613.D

Acq: 15 May 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 94302

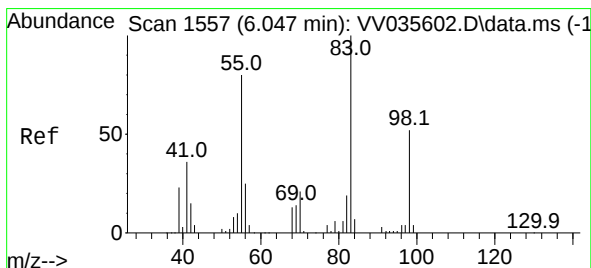
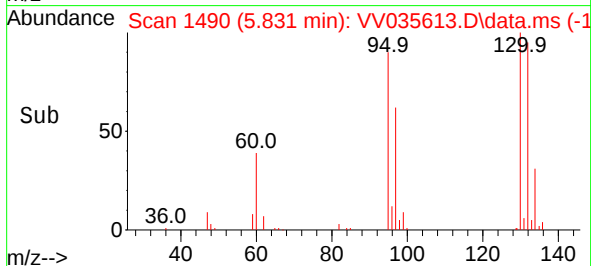
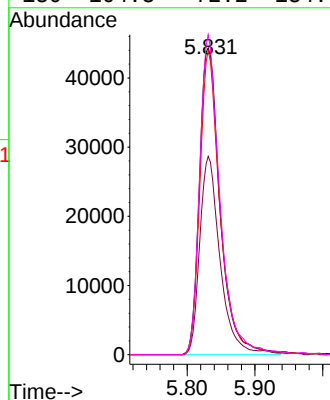
Ion Ratio Lower Upper

95 100

97 64.6 45.2 84.0

132 99.1 68.7 127.7

130 104.3 72.2 134.0



#35

Methylcyclohexane

Concen: 5.268 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

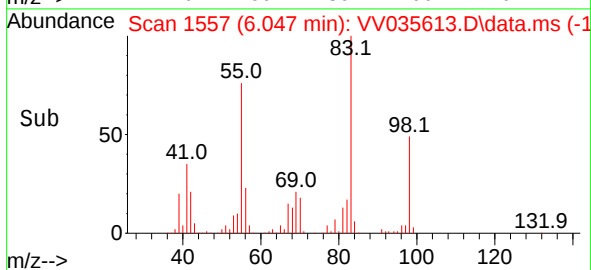
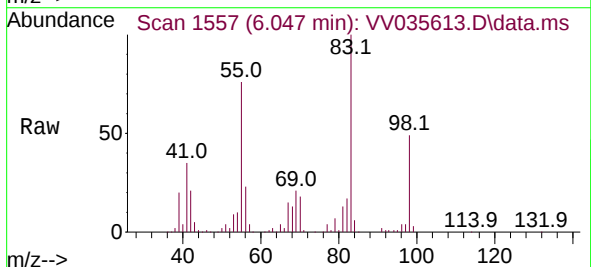
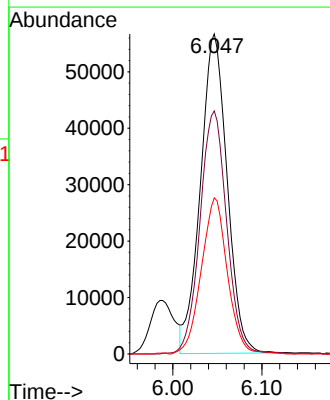
Tgt Ion: 83 Resp: 117831

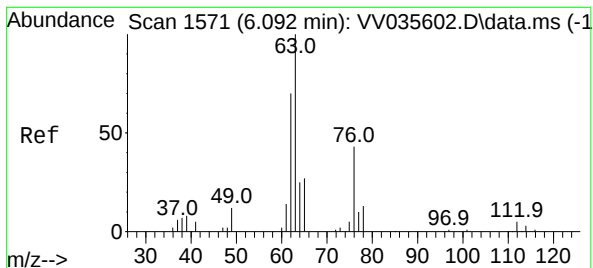
Ion Ratio Lower Upper

83 100

55 76.2 60.7 91.1

98 47.8 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.611 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

Instrument :

MSVOA_V

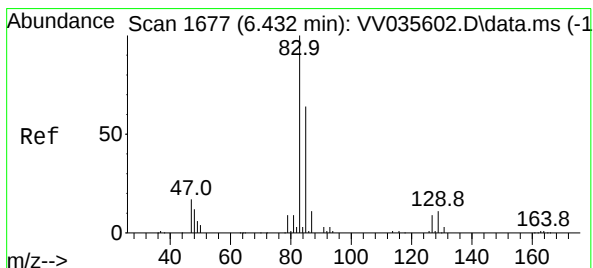
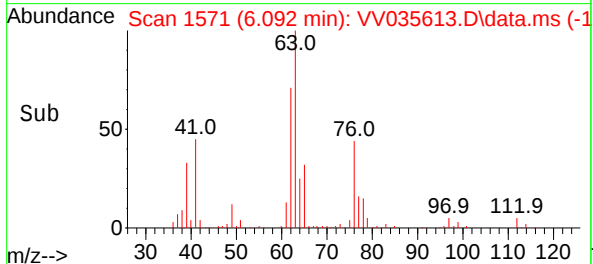
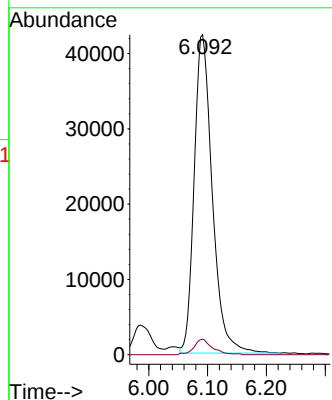
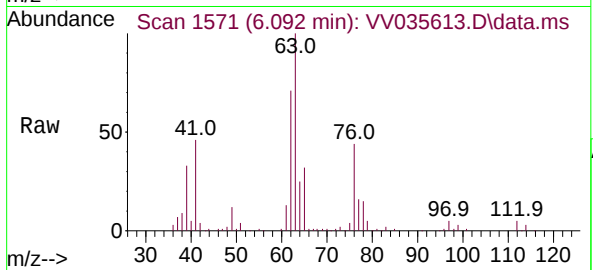
ClientSampleId :

Tgt Ion: 63 Resp: 90698

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 5.413 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

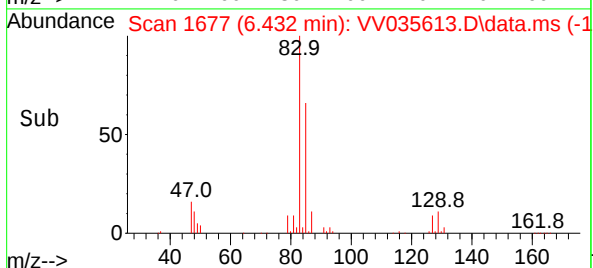
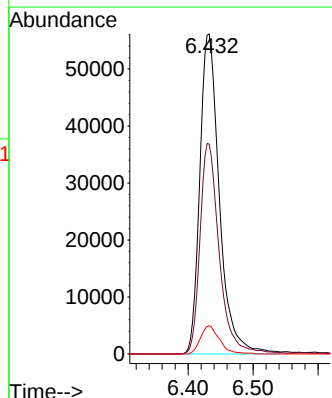
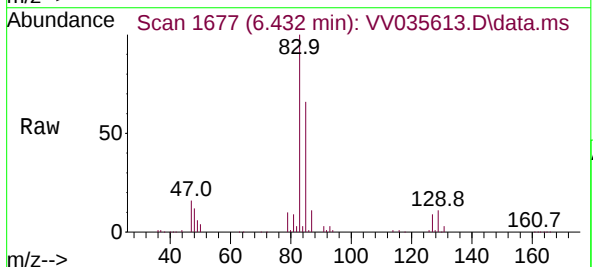
Tgt Ion: 83 Resp: 118105

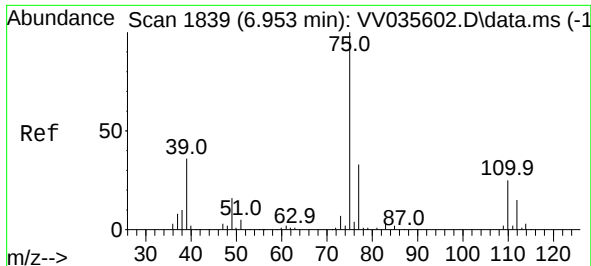
Ion Ratio Lower Upper

83 100

85 65.6 44.6 82.8

127 8.8 7.2 10.8

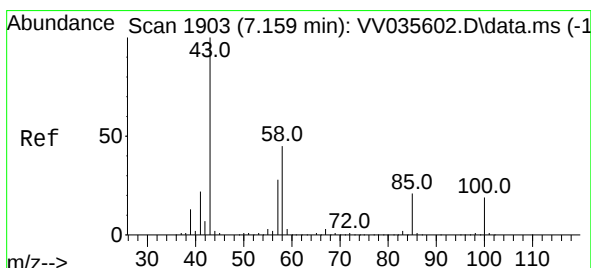
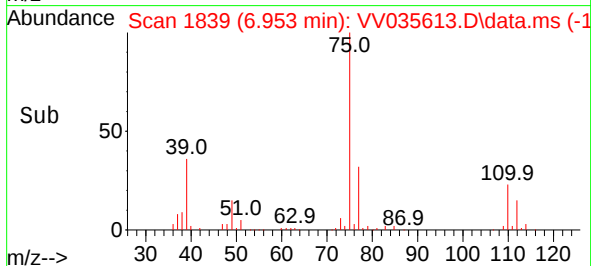
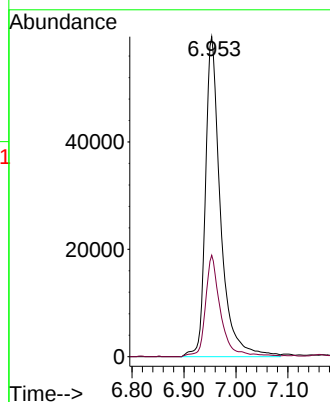
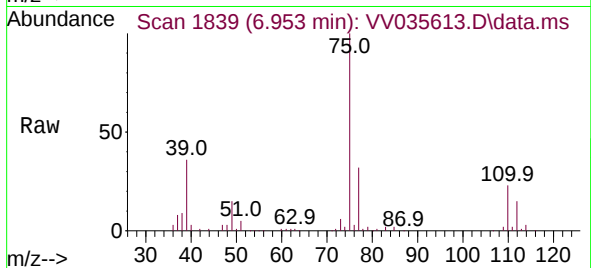




#39
cis-1,3-Dichloropropene
Concen: 5.563 ug/L
RT: 6.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

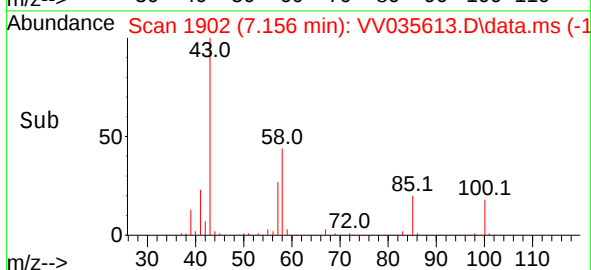
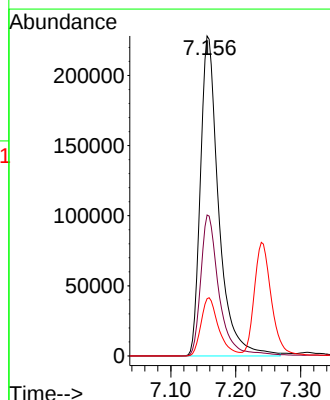
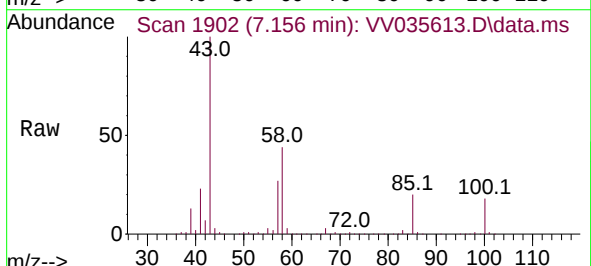
Instrument :
MSVOA_V
ClientSampleId :

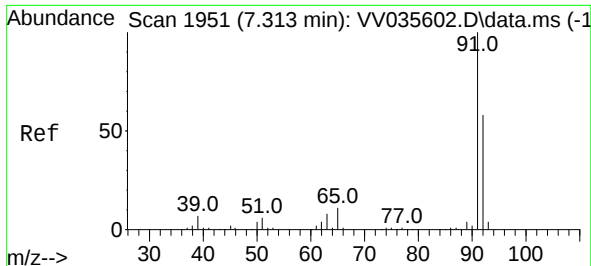
Tgt Ion: 75 Resp: 120111
Ion Ratio Lower Upper
75 100
77 31.7 23.0 42.8



#40
4-Methyl-2-pentanone
Concen: 58.225 ug/L
RT: 7.156 min Scan# 1902
Delta R.T. -0.003 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

Tgt Ion: 43 Resp: 447267
Ion Ratio Lower Upper
43 100
58 44.3 35.8 53.6
100 17.6 14.1 21.1





#42

Toluene

Concen: 5.783 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

Instrument :

MSVOA_V

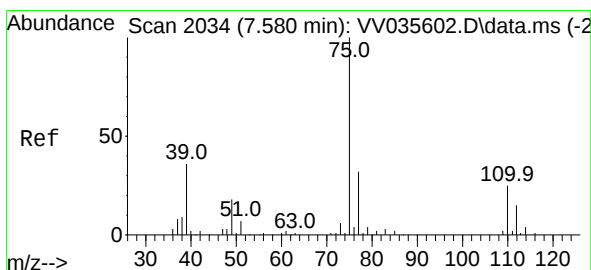
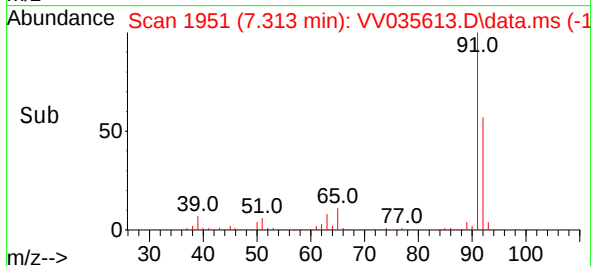
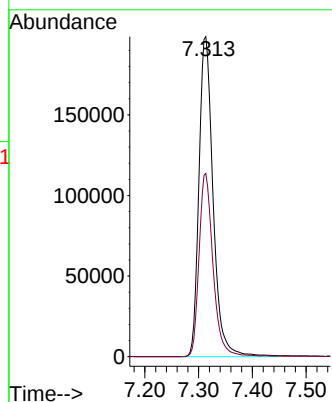
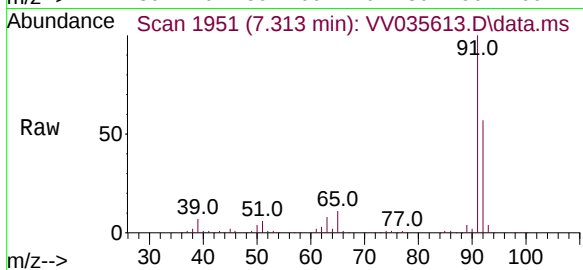
ClientSampleId :

Tgt Ion: 91 Resp: 363376

Ion Ratio Lower Upper

91 100

92 57.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.583 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV035613.D

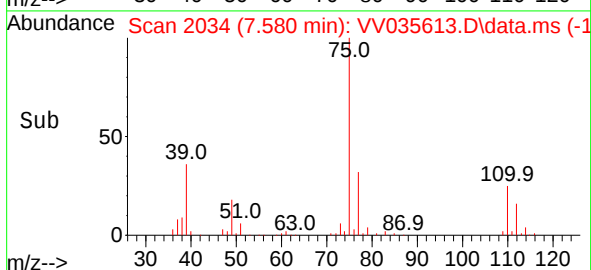
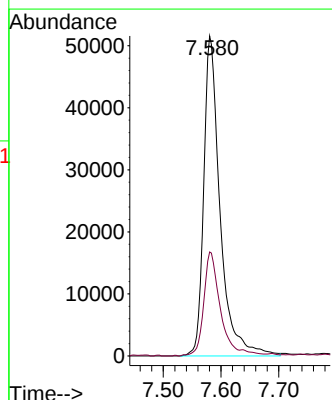
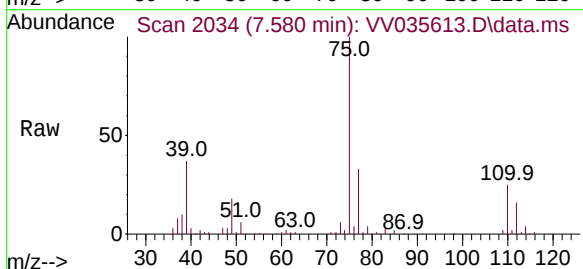
Acq: 15 May 2024 08:56

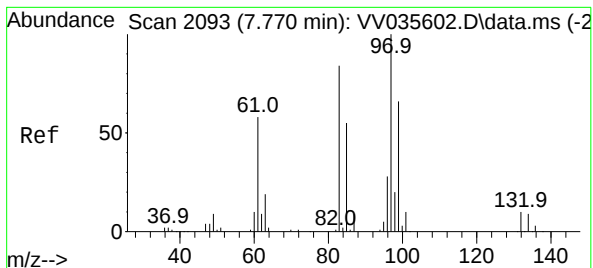
Tgt Ion: 75 Resp: 101617

Ion Ratio Lower Upper

75 100

77 32.5 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 5.419 ug/L

RT: 7.767 min Scan# 2093

Delta R.T. -0.003 min

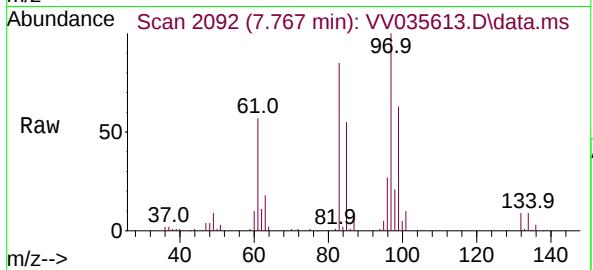
Lab File: VV035613.D

Acq: 15 May 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 68615

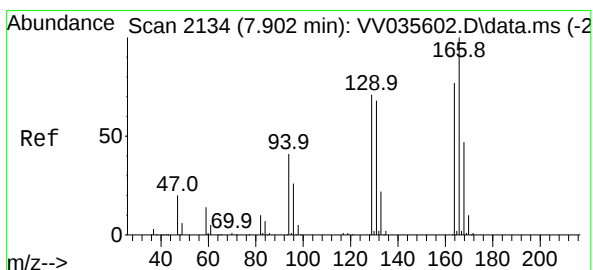
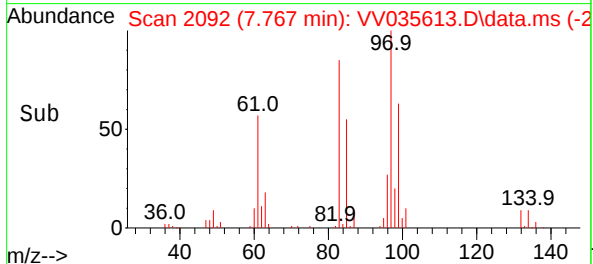
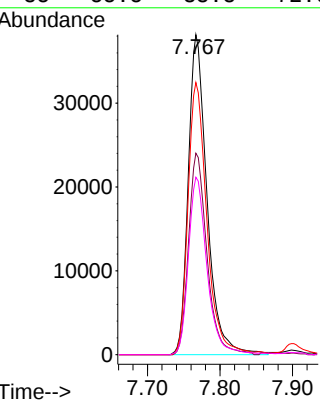
Ion Ratio Lower Upper

97 100

99 63.0 46.1 85.5

83 85.0 59.0 109.6

85 55.5 38.8 72.0



#47

Tetrachloroethene

Concen: 5.322 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

Tgt Ion: 164 Resp: 72607

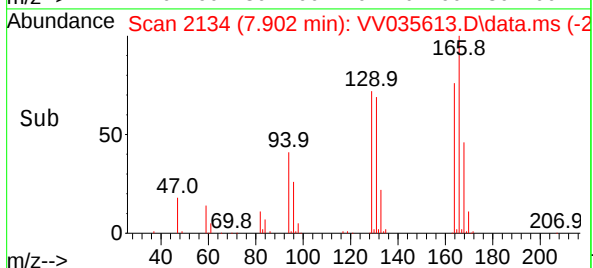
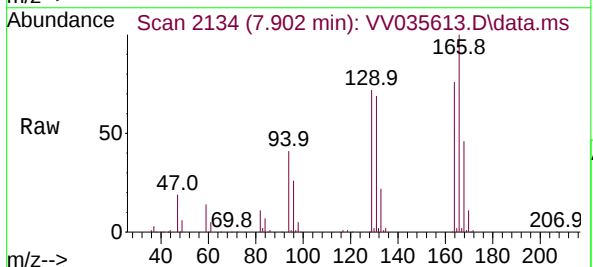
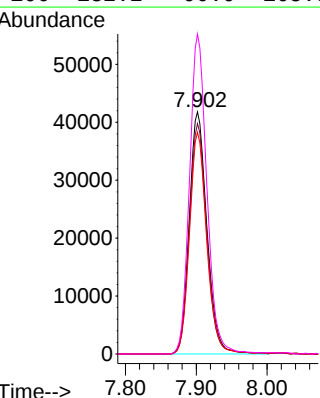
Ion Ratio Lower Upper

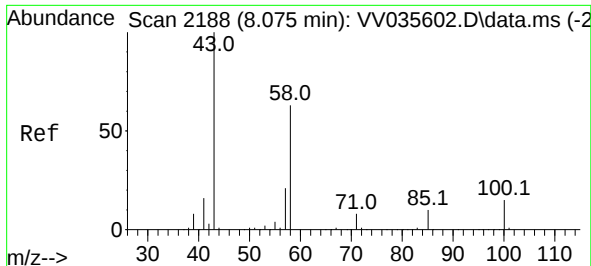
164 100

129 95.2 64.9 120.5

131 91.6 61.8 114.8

166 132.2 90.9 168.9

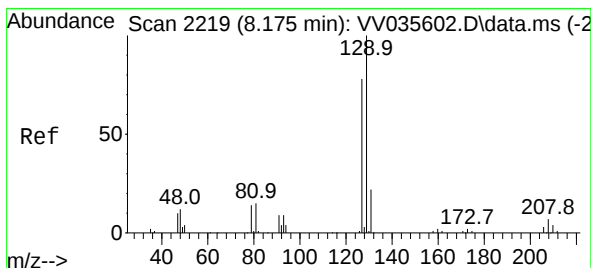
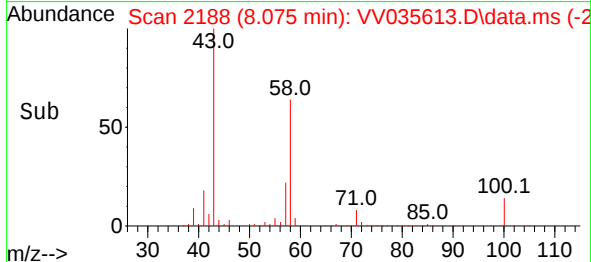
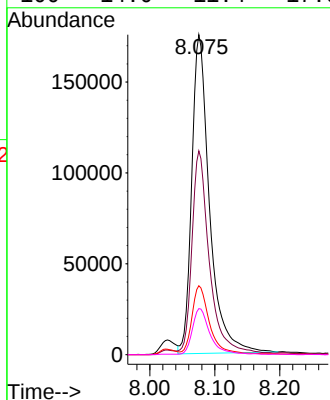
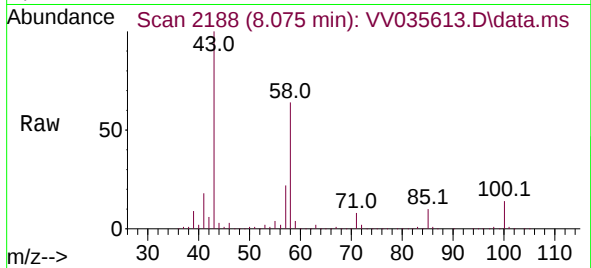




#48
2-Hexanone
Concen: 59.176 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

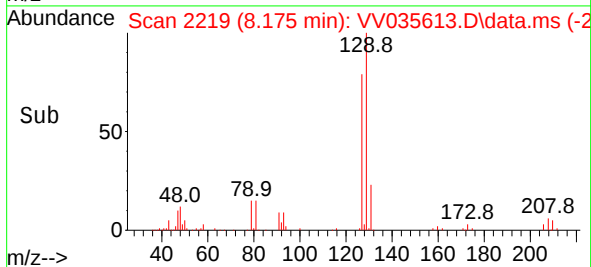
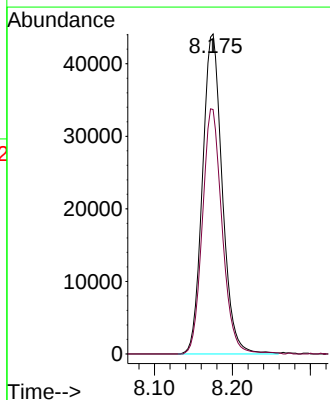
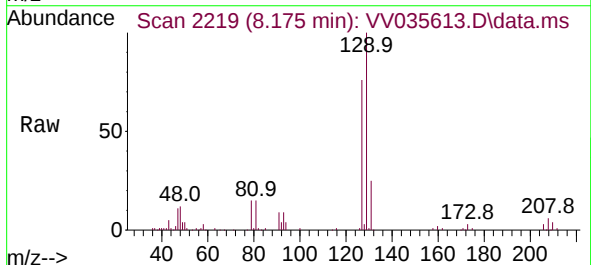
Instrument :
MSVOA_V
ClientSampleId :

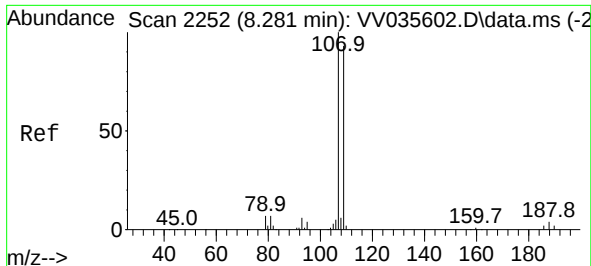
Tgt Ion:	43	Resp:	334251
Ion	Ratio	Lower	Upper
43	100		
58	62.2	49.1	73.7
57	21.7	16.8	25.2
100	14.0	11.4	17.0



#49
Dibromochloromethane
Concen: 5.560 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

Tgt Ion:	129	Resp:	77839
Ion	Ratio	Lower	Upper
129	100		
127	76.4	54.3	100.8

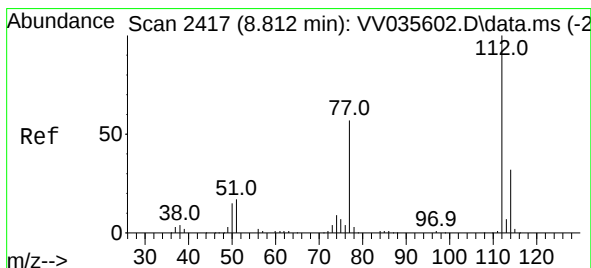
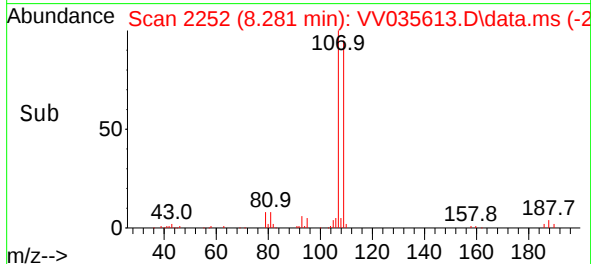
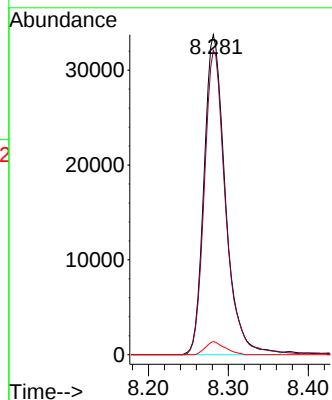
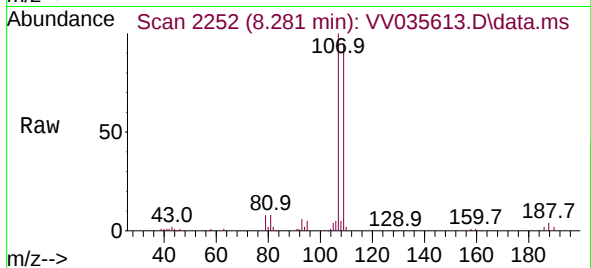




#50
1,2-Dibromoethane
Concen: 5.328 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

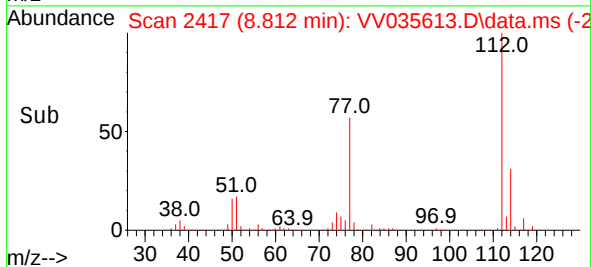
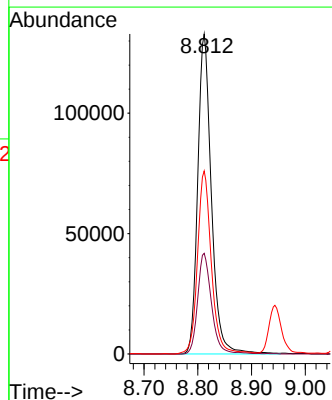
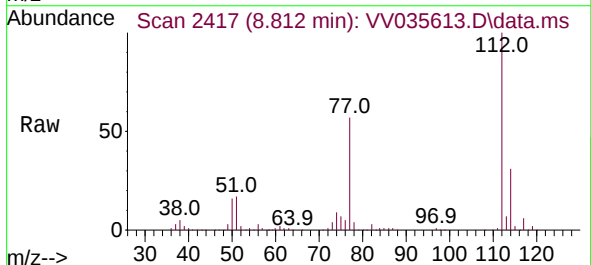
Instrument :
MSVOA_V
ClientSampleId :

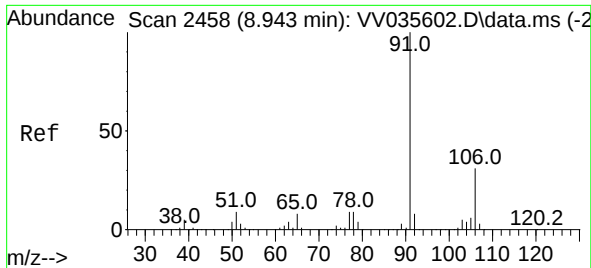
Tgt Ion:107 Resp: 62712
Ion Ratio Lower Upper
107 100
109 95.1 65.2 121.0
188 4.1 3.1 4.7



#51
Chlorobenzene
Concen: 5.370 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

Tgt Ion:112 Resp: 234457
Ion Ratio Lower Upper
112 100
114 31.5 22.2 41.2
77 57.2 45.6 68.4

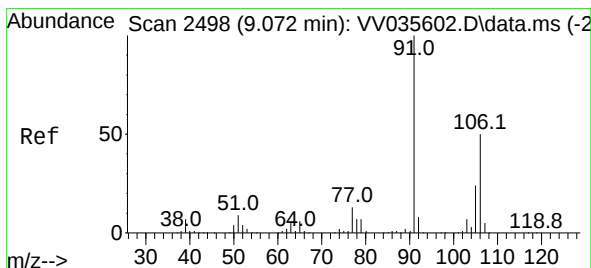
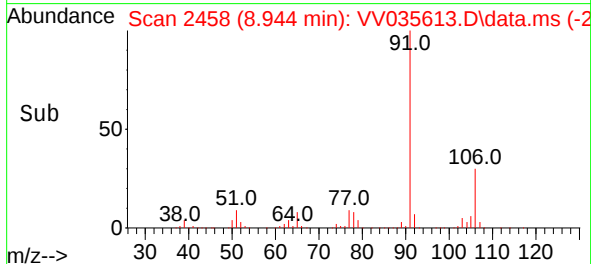
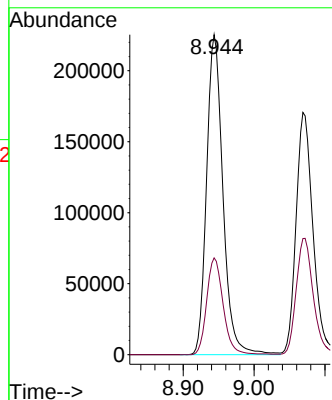
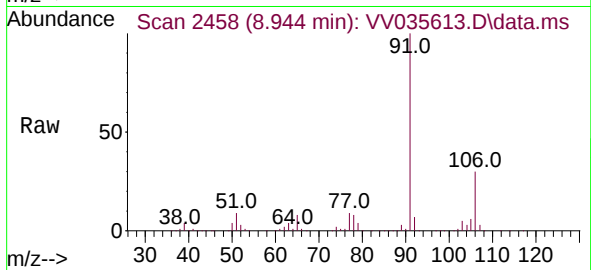




#52
Ethylbenzene
Concen: 5.501 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

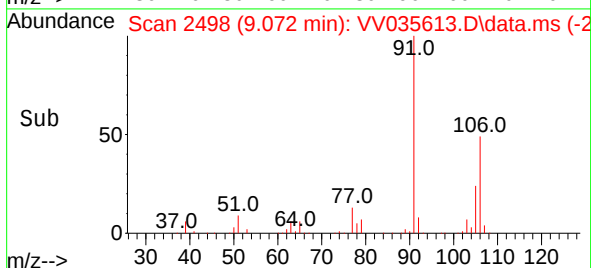
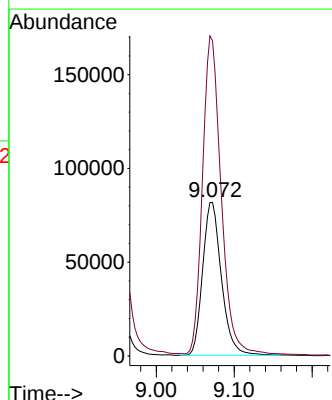
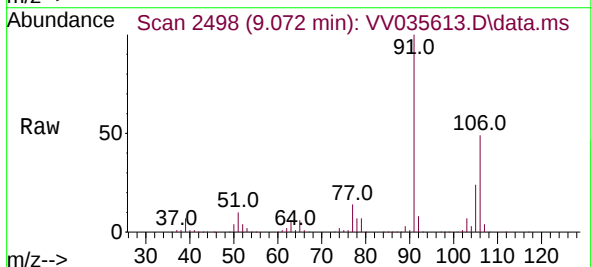
Instrument :
MSVOA_V
ClientSampleId :

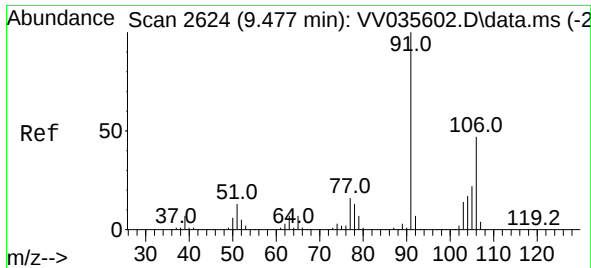
Tgt Ion: 91 Resp: 360853
Ion Ratio Lower Upper
91 100
106 30.2 21.5 39.9



#53
m,p-Xylene
Concen: 5.461 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

Tgt Ion: 106 Resp: 136500
Ion Ratio Lower Upper
106 100
91 205.2 141.3 262.3

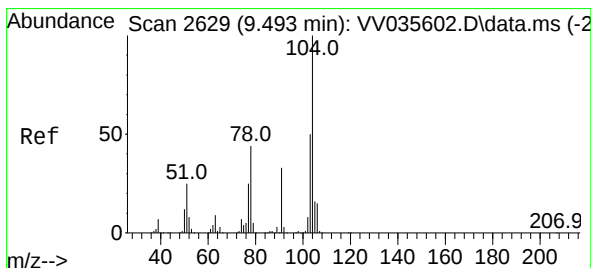
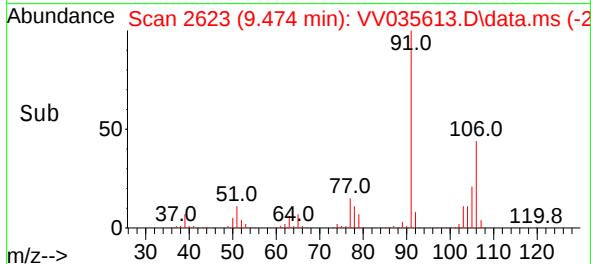
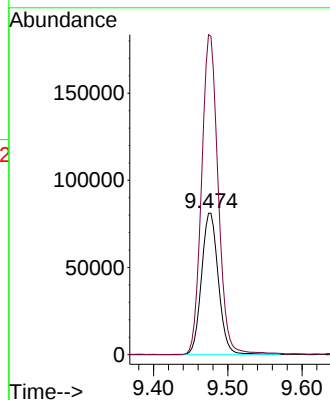
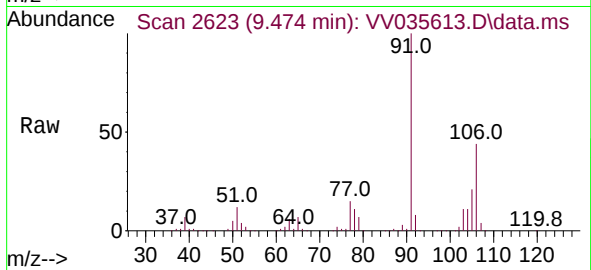




#54
o-Xylene
Concen: 5.428 ug/L
RT: 9.474 min Scan# 2624
Delta R.T. -0.003 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

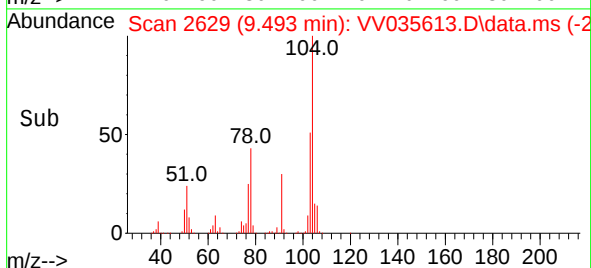
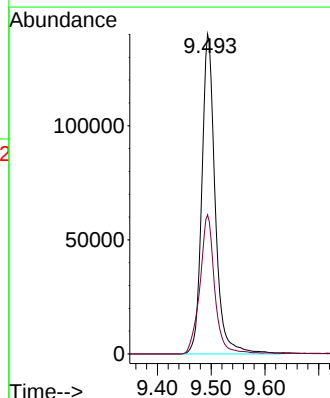
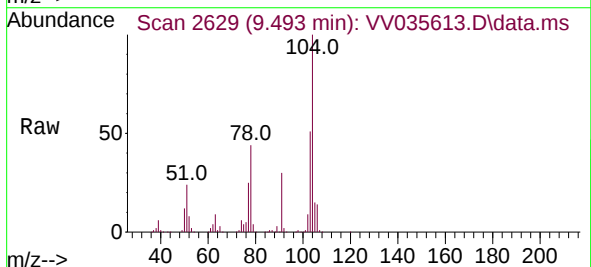
Instrument :
MSVOA_V
ClientSampleId :

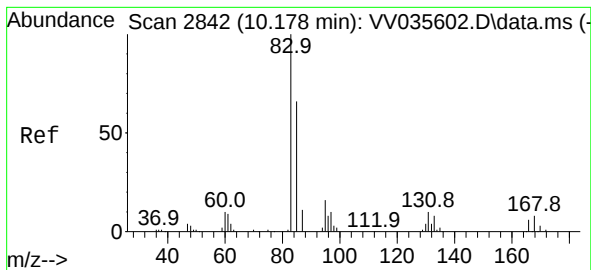
Tgt Ion:106 Resp: 128394
Ion Ratio Lower Upper
106 100
91 226.1 148.6 276.0



#55
Styrene
Concen: 5.886 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

Tgt Ion:104 Resp: 242506
Ion Ratio Lower Upper
104 100
78 43.5 30.6 56.8

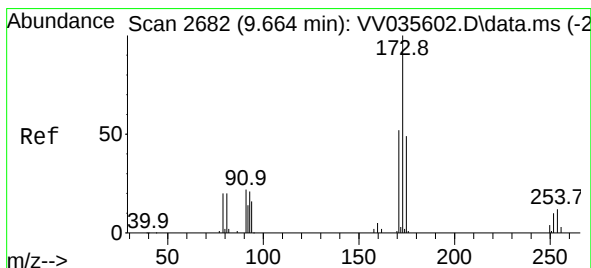
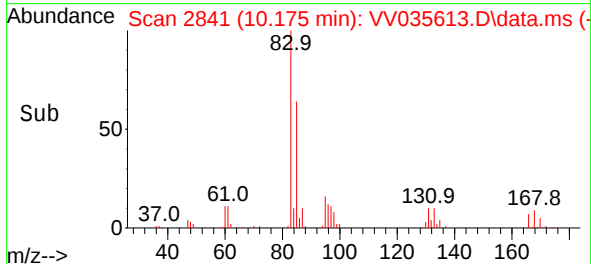
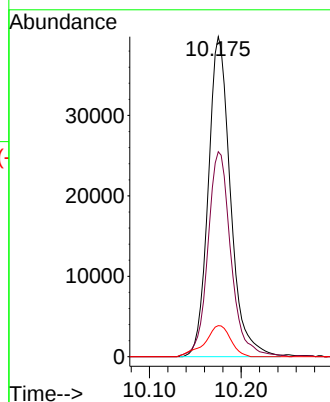
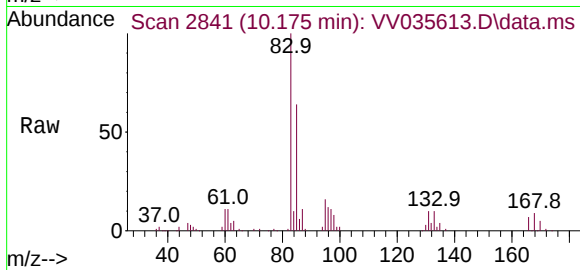




#57
1,1,2,2-Tetrachloroethane
Concen: 4.955 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.003 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

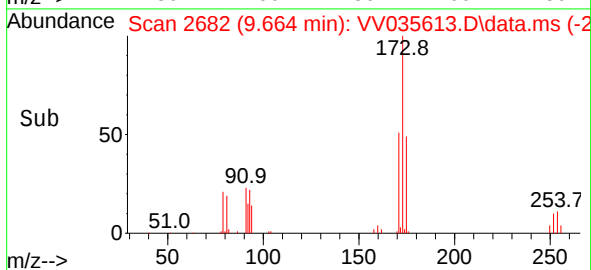
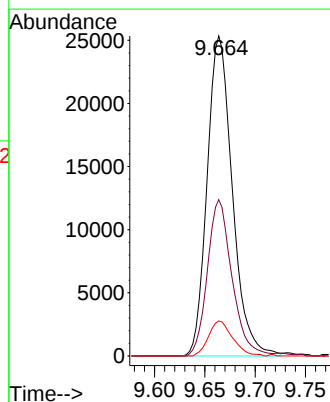
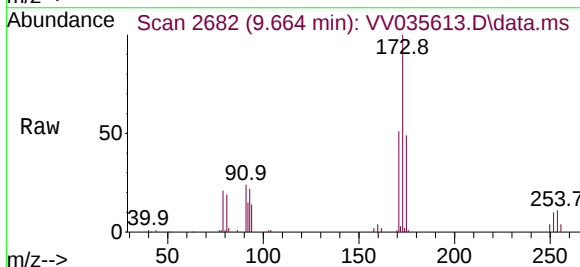
Instrument :
MSVOA_V
ClientSampleId :

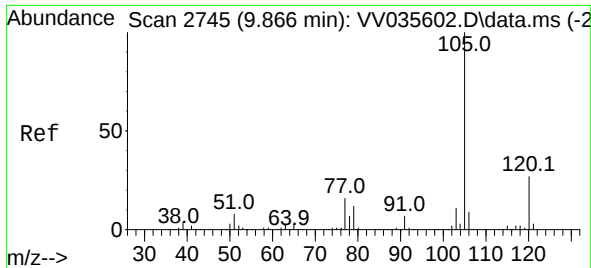
Tgt Ion: 83 Resp: 67053
Ion Ratio Lower Upper
83 100
85 64.1 46.1 85.7
131 9.7 8.2 12.2



#59
Bromoform
Concen: 5.311 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

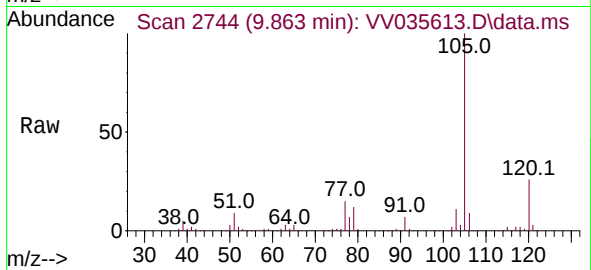
Tgt Ion: 173 Resp: 44175
Ion Ratio Lower Upper
173 100
175 47.4 38.0 57.0
254 10.5 8.6 13.0



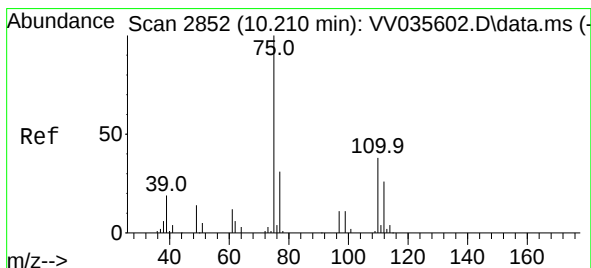
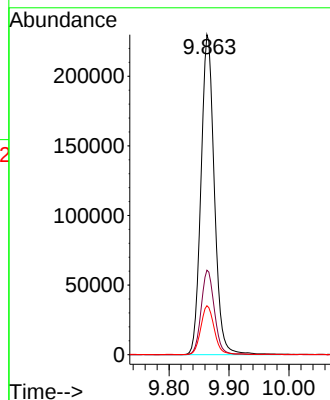
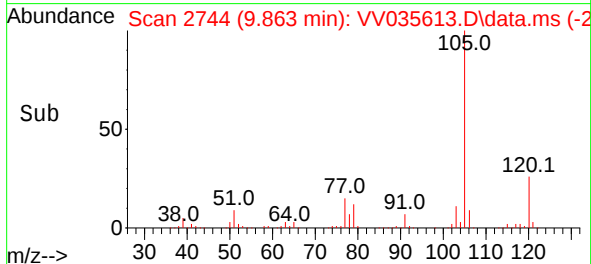


#60
Isopropylbenzene
Concen: 5.449 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56

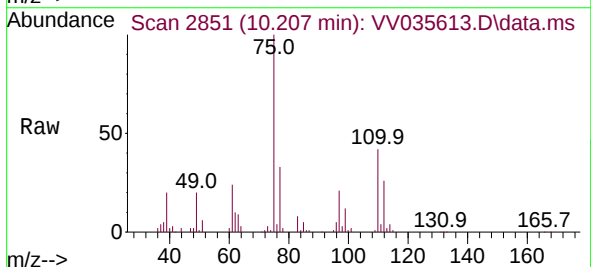
Instrument :
MSVOA_V
ClientSampleId :



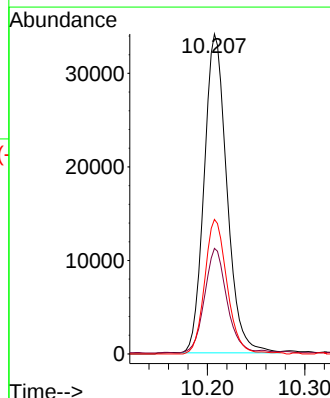
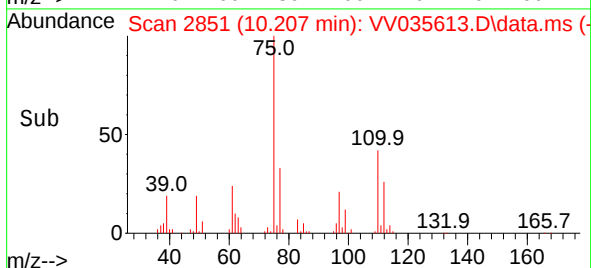
Tgt Ion:105 Resp: 357248
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.2
77 15.3 12.5 18.7

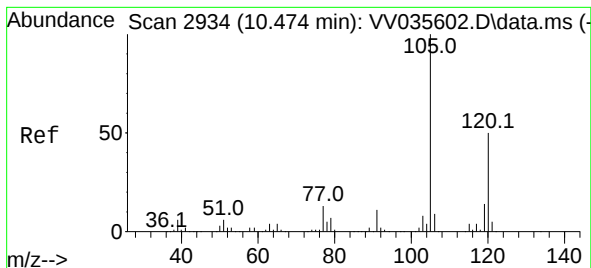


#61
1,2,3-Trichloropropane
Concen: 5.129 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VV035613.D
Acq: 15 May 2024 08:56



Tgt Ion: 75 Resp: 55304
Ion Ratio Lower Upper
75 100
77 31.9 24.2 36.2
110 41.7 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 5.210 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

Instrument :

MSVOA_V

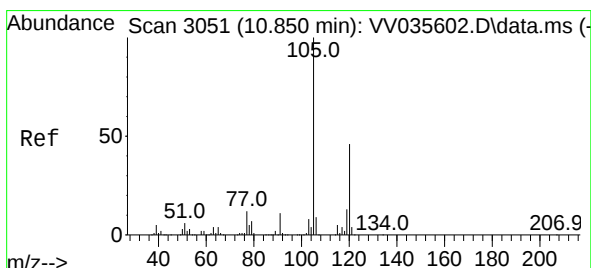
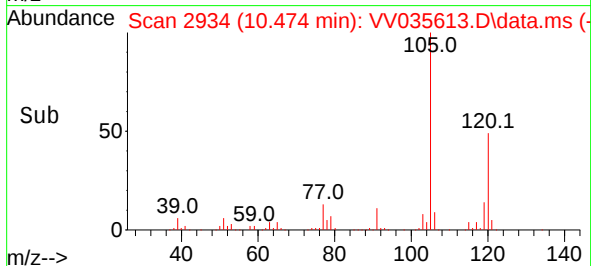
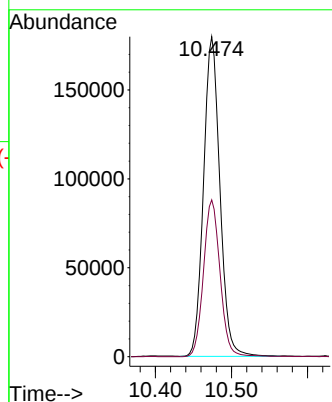
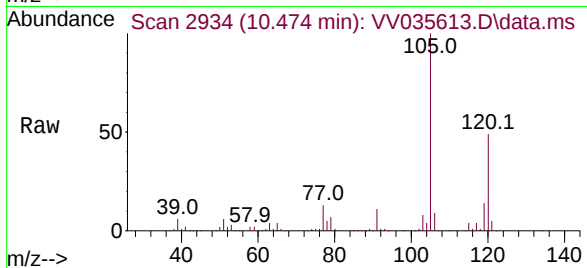
ClientSampleId :

Tgt Ion:105 Resp: 268711

Ion Ratio Lower Upper

105 100

120 49.6 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.488 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035613.D

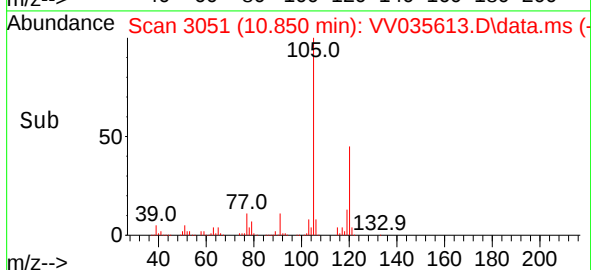
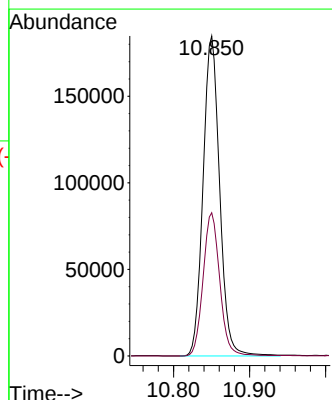
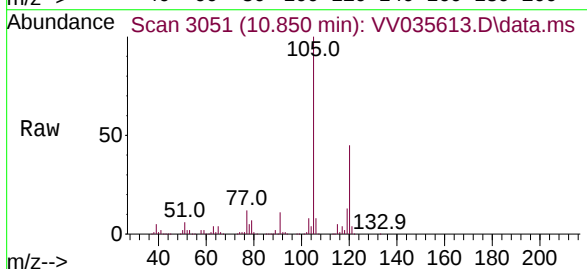
Acq: 15 May 2024 08:56

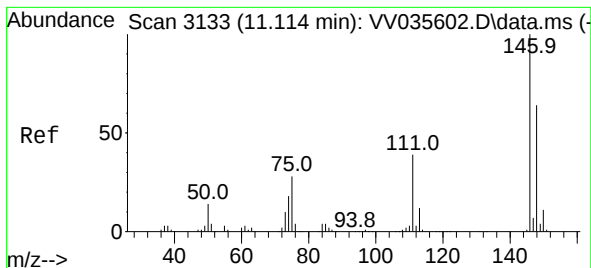
Tgt Ion:105 Resp: 280117

Ion Ratio Lower Upper

105 100

120 45.0 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 5.438 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :

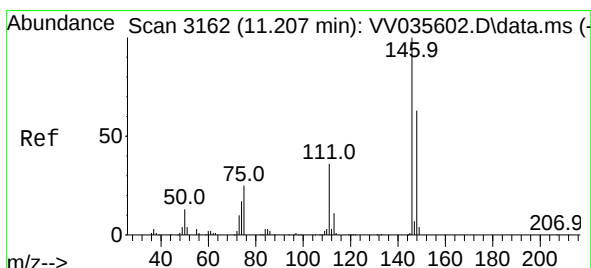
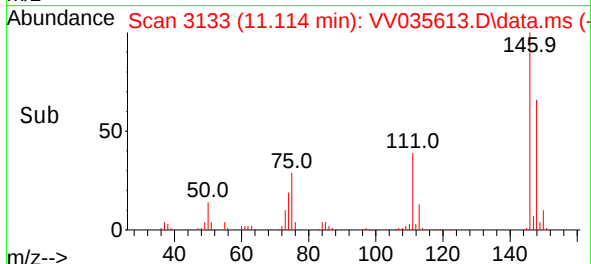
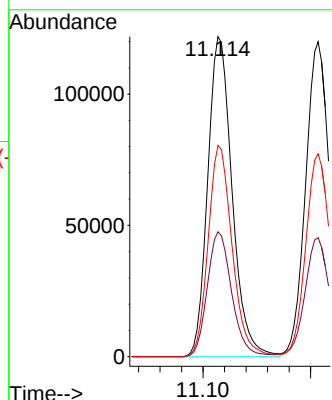
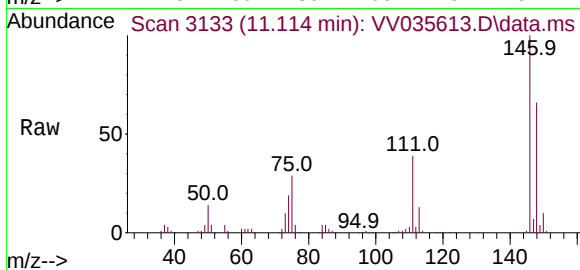
Tgt Ion:146 Resp: 191940

Ion Ratio Lower Upper

146 100

111 39.0 27.6 51.2

148 66.0 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 5.407 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

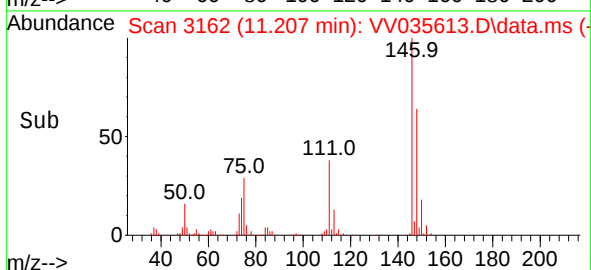
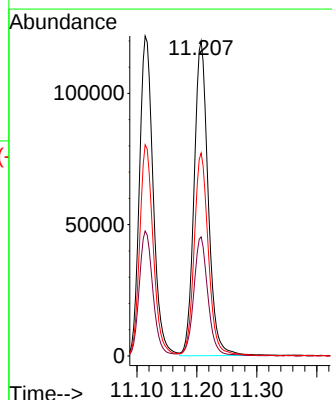
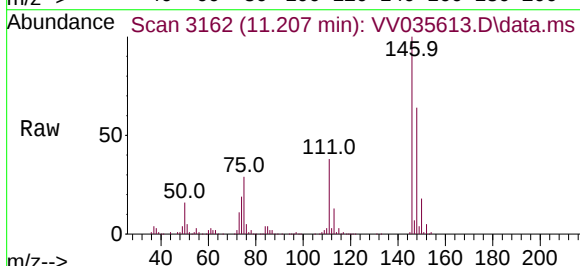
Tgt Ion:146 Resp: 196335

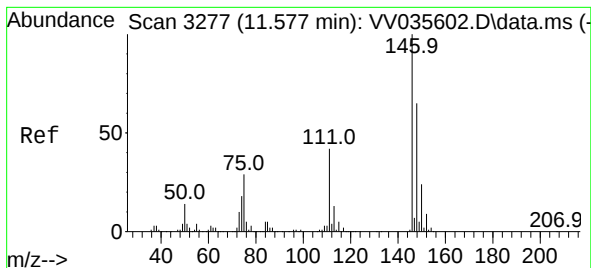
Ion Ratio Lower Upper

146 100

111 37.8 25.8 47.8

148 64.5 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 5.284 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :

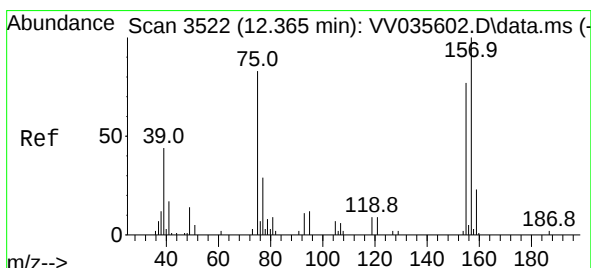
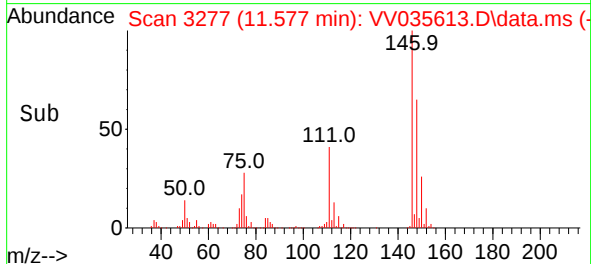
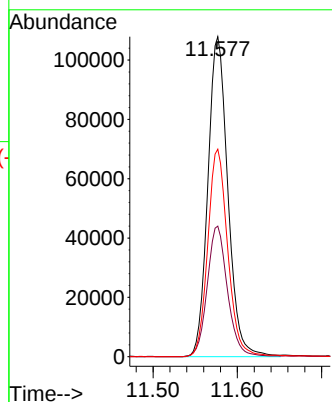
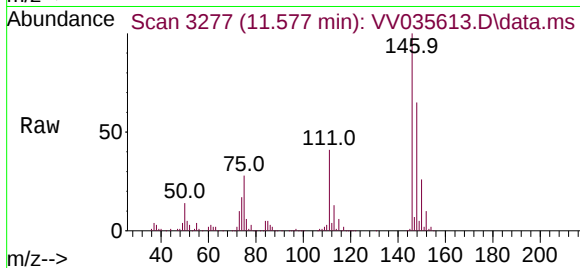
Tgt Ion:146 Resp: 178168

Ion Ratio Lower Upper

146 100

111 40.8 33.5 50.3

148 64.8 51.9 77.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.245 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

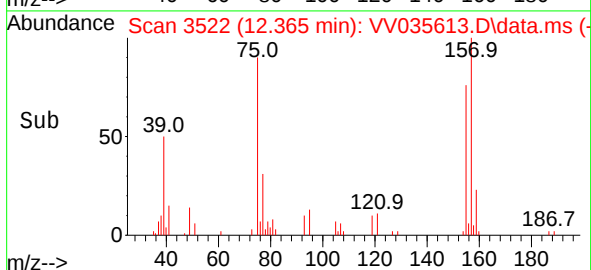
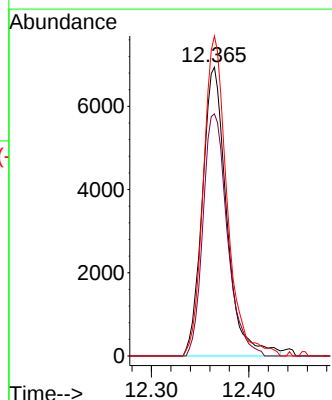
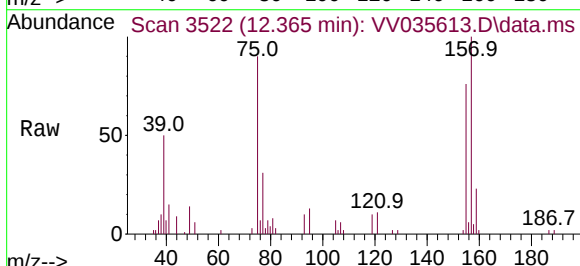
Tgt Ion: 75 Resp: 12052

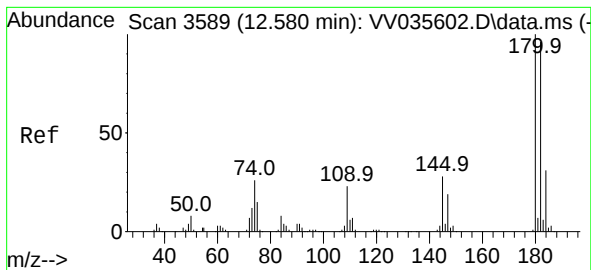
Ion Ratio Lower Upper

75 100

155 83.8 73.4 110.0

157 110.8 95.8 143.8





#69

1,3,5-Trichlorobenzene

Concen: 5.284 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

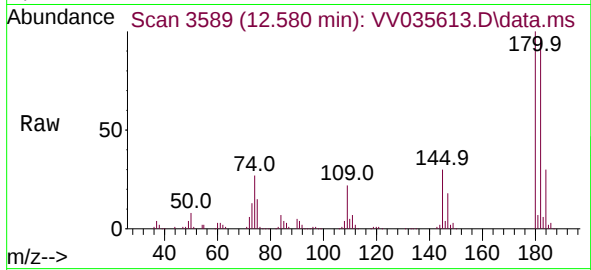
Lab File: VV035613.D

Acq: 15 May 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 141096

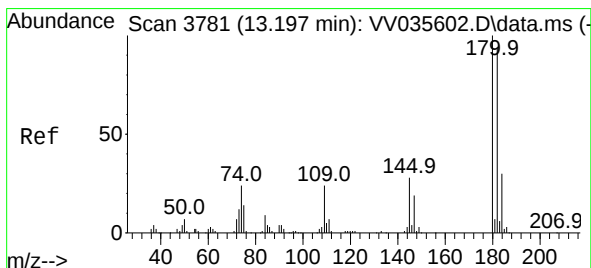
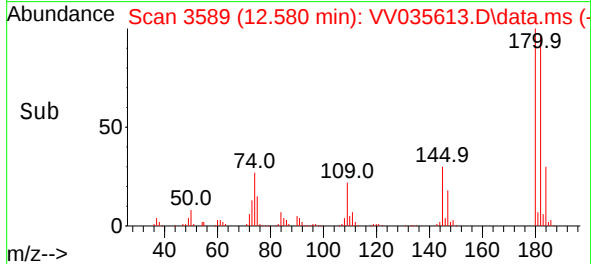
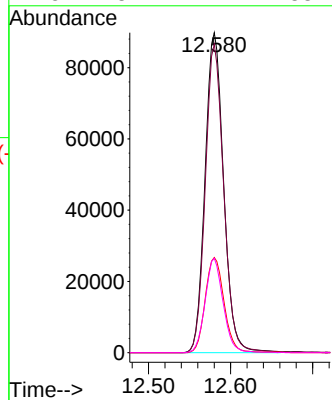
Ion Ratio Lower Upper

180 100

182 95.7 75.9 113.9

184 30.1 24.0 36.0

145 28.7 22.2 33.2



#70

1,2,4-trichlorobenzene

Concen: 5.230 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

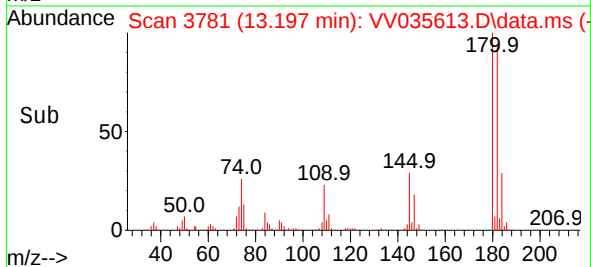
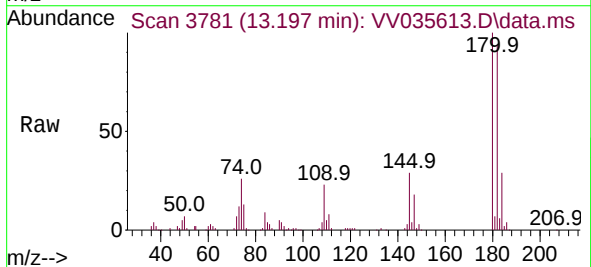
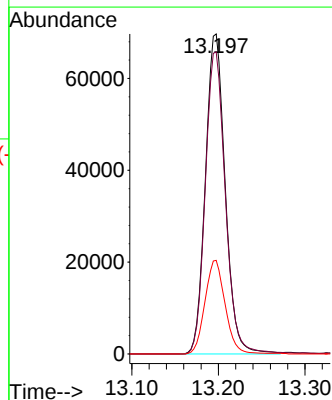
Tgt Ion:180 Resp: 110810

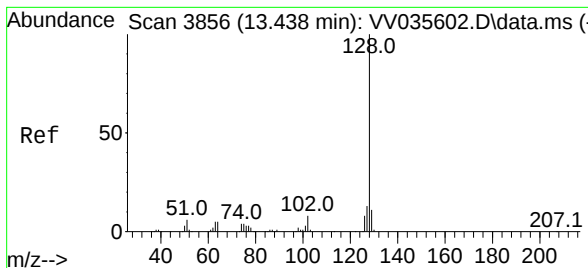
Ion Ratio Lower Upper

180 100

182 95.9 76.5 114.7

145 29.9 22.9 34.3





#71

Naphthalene

Concen: 4.773 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

Instrument :

MSVOA_V

ClientSampleId :

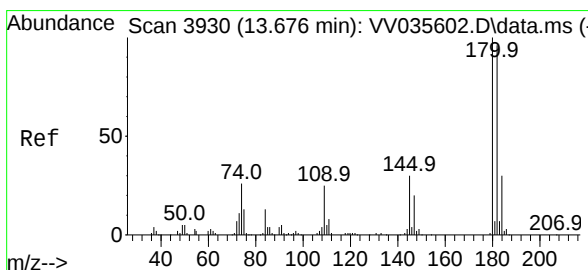
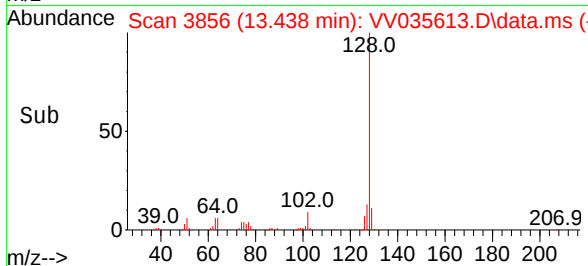
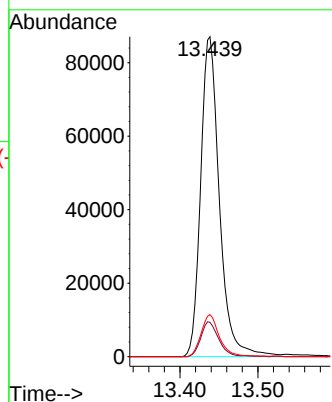
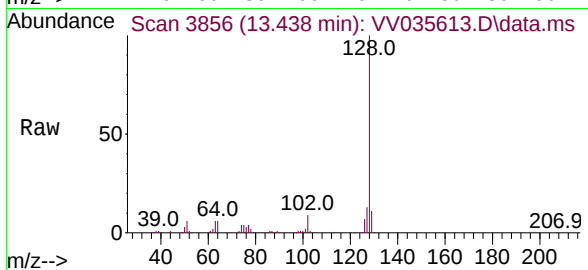
Tgt Ion:128 Resp: 145379

Ion Ratio Lower Upper

128 100

129 10.5 8.6 12.8

127 12.9 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 5.265 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035613.D

Acq: 15 May 2024 08:56

Tgt Ion:180 Resp: 103159

Ion Ratio Lower Upper

180 100

182 95.8 76.6 114.8

145 31.0 25.1 37.7

