

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
 Data File : VV037926.D
 Acq On : 06 Nov 2024 13:02
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 06 22:38:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 21:46:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	306487	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	307451	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	170897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	122430	5.219	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.400%
7) Chloroethane-d5	1.532	69	97882	5.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.056	65	54365	5.340	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.800%
20) 2-Butanone-d5	3.799	46	230766	52.778	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.560%
24) Chloroform-d	4.243	84	227662	5.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	4.937	65	101588	5.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	4.953	84	437955	5.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
36) 1,2-Dichloropropane-d6	5.982	67	128185	5.536	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.800%
41) Toluene-d8	7.236	98	413847	5.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.200%
43) trans-1,3-Dichloroprop...	7.551	79	48163	5.379	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.600%
46) 2-Hexanone-d5	8.021	63	207377	59.604	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.200%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	100684	5.393	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	151486	5.374	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	154226	5.041	ug/L	100
3) Chloromethane	1.217	50	141466	4.914	ug/L	99
5) Vinyl chloride	1.281	62	143835	5.021	ug/L	98
6) Bromomethane	1.487	94	86612	5.344	ug/L	97
8) Chloroethane	1.548	64	85575	5.021	ug/L	99
9) Trichlorofluoromethane	1.712	101	200048	5.026	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	114459	5.025	ug/L	98
12) 1,1-Dichloroethene	2.066	96	106628	5.093	ug/L	98
13) Acetone	2.130	43	152523	49.142	ug/L	97
14) Carbon disulfide	2.236	76	359188	5.057	ug/L	100
15) Methyl Acetate	2.384	43	36597	4.982	ug/L	99
16) Methylene chloride	2.442	84	118798	4.861	ug/L	98
17) Methyl tert-butyl Ether	2.699	73	243841	5.208	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	116541	5.154	ug/L	99
19) 1,1-Dichloroethane	3.108	63	208351	5.072	ug/L	98
21) 2-Butanone	3.879	43	226782	49.165	ug/L	99
22) cis-1,2-Dichloroethene	3.809	96	123867	5.199	ug/L	98
23) Bromochloromethane	4.143	128	55764	5.183	ug/L	97
25) Chloroform	4.269	83	216638	5.020	ug/L	100

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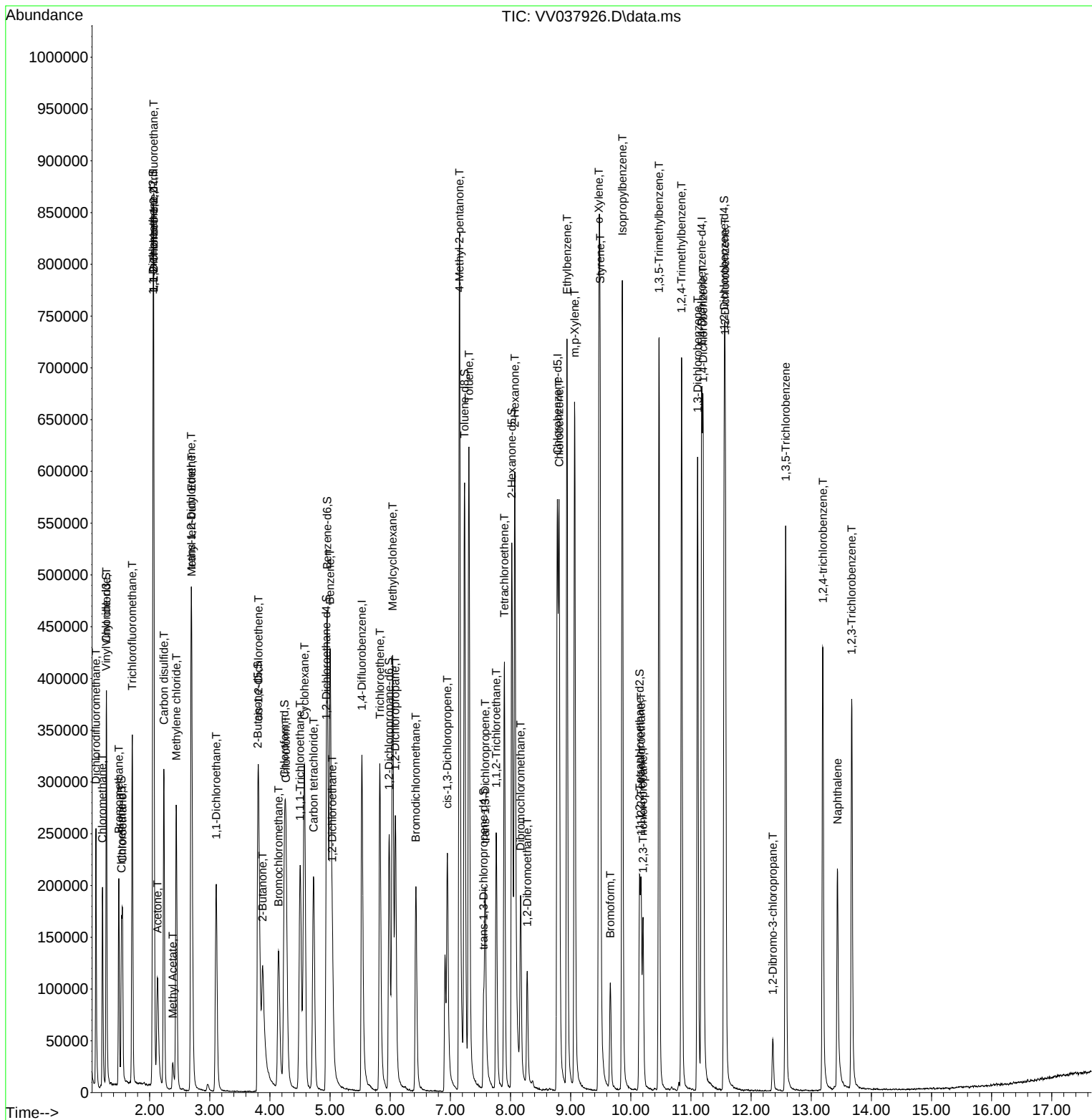
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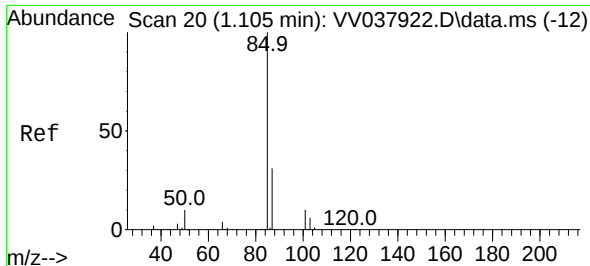
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 21:46:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	123166	5.151	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	190992	5.196	ug/L	97
30) Cyclohexane	4.574	56	172313	5.284	ug/L	98
31) Carbon tetrachloride	4.725	117	166694	5.168	ug/L	98
33) Benzene	5.002	78	452642	5.358	ug/L	100
34) Trichloroethene	5.828	95	120926	5.169	ug/L	98
35) Methylcyclohexane	6.040	83	176304	5.056	ug/L	98
37) 1,2-Dichloropropane	6.085	63	109158	5.169	ug/L	99
38) Bromodichloromethane	6.426	83	147309	5.258	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	147608	4.838	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	580935	54.670	ug/L	98
42) Toluene	7.310	91	487750	5.456	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	134884	5.362	ug/L	97
45) 1,1,2-Trichloroethane	7.764	97	85126	5.326	ug/L	97
47) Tetrachloroethene	7.899	164	94169	5.178	ug/L	97
48) 2-Hexanone	8.072	43	414376	55.128	ug/L	99
49) Dibromochloromethane	8.169	129	92683	5.073	ug/L	97
50) 1,2-Dibromoethane	8.278	107	81006	5.431	ug/L	98
51) Chlorobenzene	8.809	112	320472	5.242	ug/L	98
52) Ethylbenzene	8.940	91	521629	5.417	ug/L	99
53) m,p-Xylene	9.066	106	202273	5.507	ug/L	98
54) o-Xylene	9.471	106	194859	5.574	ug/L	95
55) Styrene	9.490	104	340828	5.661	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	97849	5.273	ug/L	98
59) Bromoform	9.661	173	48928	4.913	ug/L	97
60) Isopropylbenzene	9.860	105	518146	5.203	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	67859	5.078	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	402891	5.145	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	397303	5.143	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	261197	5.180	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	262045	5.033	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	237117	5.086	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	14040	4.839	ug/L	86
69) 1,3,5-Trichlorobenzene	12.577	180	174820	4.912	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	141957	5.080	ug/L	100
71) Naphthalene	13.435	128	205629	5.185	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	125436	5.207	ug/L	94

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

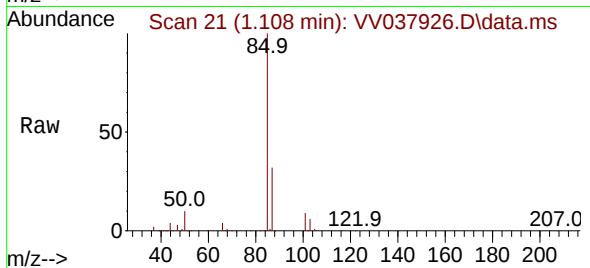
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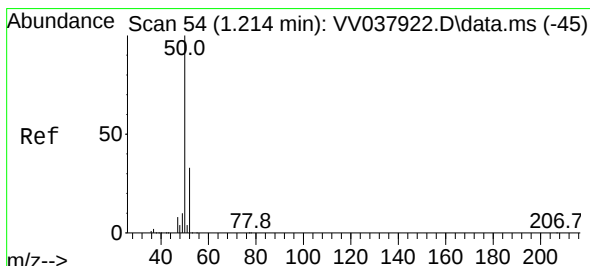
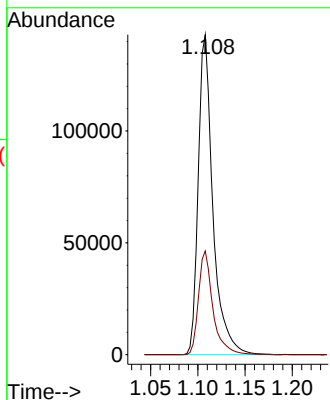
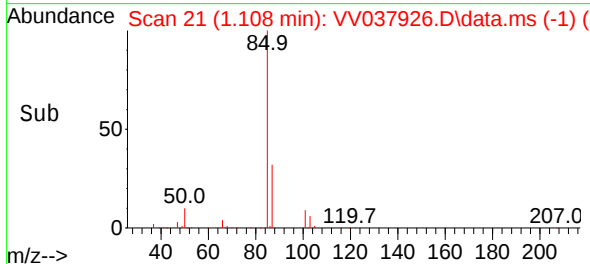


#2
Dichlorodifluoromethane
Concen: 5.041 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

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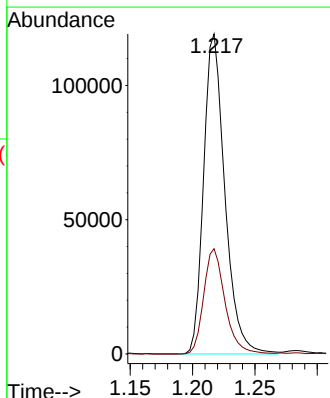
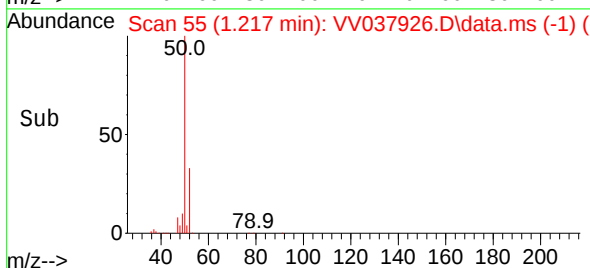
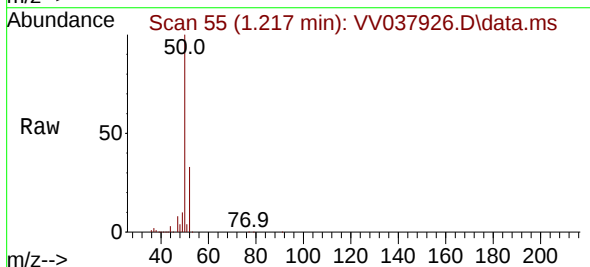


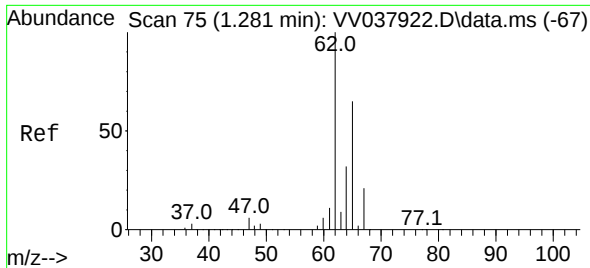
Tgt Ion: 85 Resp: 154226
Ion Ratio Lower Upper
85 100
87 31.9 25.4 38.0



#3
Chloromethane
Concen: 4.914 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.003 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

Tgt Ion: 50 Resp: 141466
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.4

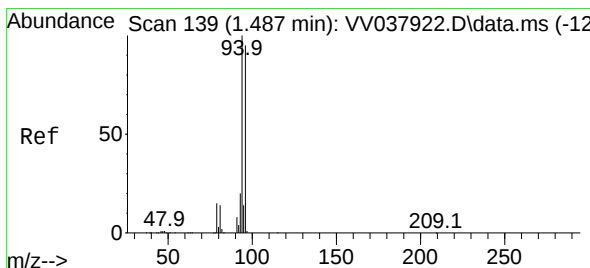
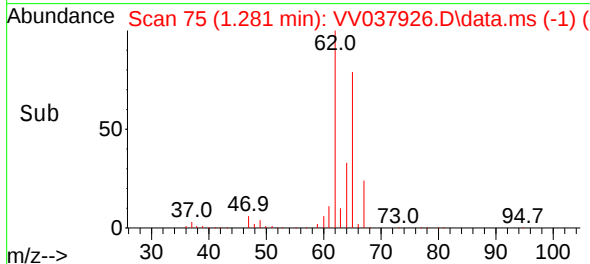
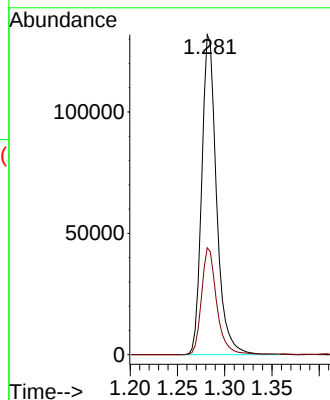
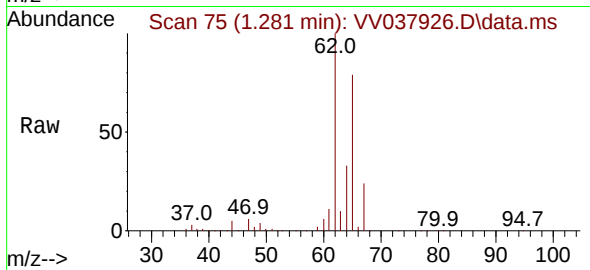




#5
 Vinyl chloride
 Concen: 5.021 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV037926.D
 Acq: 06 Nov 2024 13:02

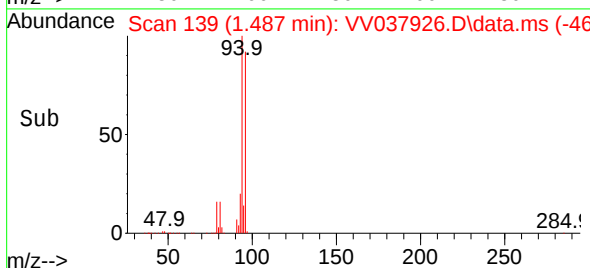
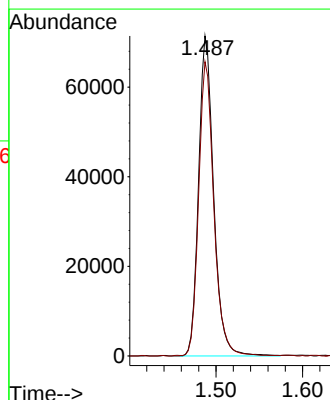
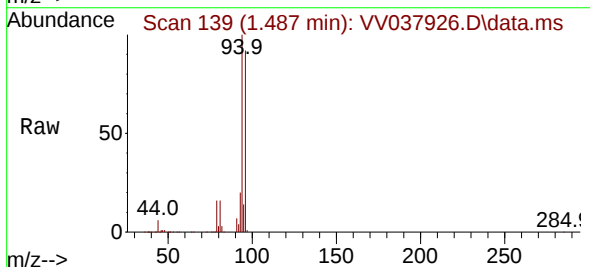
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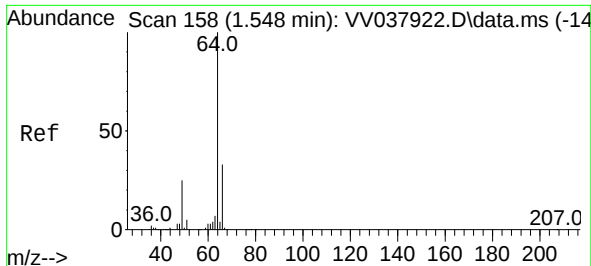
Tgt Ion: 62 Resp: 143835
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.4 41.6



#6
 Bromomethane
 Concen: 5.344 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV037926.D
 Acq: 06 Nov 2024 13:02

Tgt Ion: 94 Resp: 86612
 Ion Ratio Lower Upper
 94 100
 96 91.9 66.3 123.1

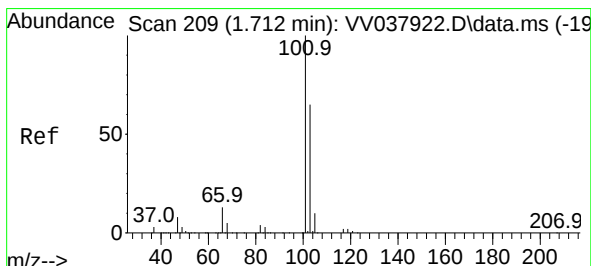
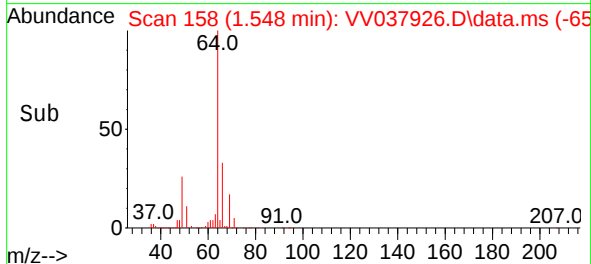
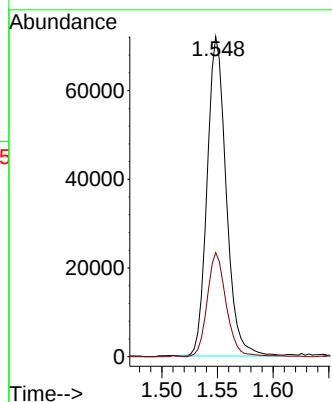
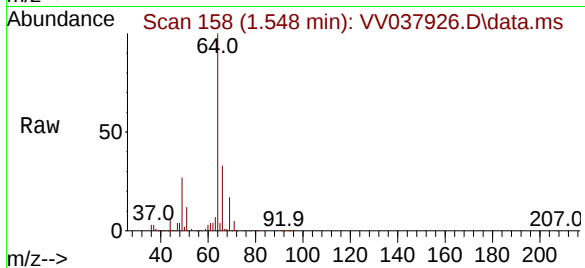




#8
Chloroethane
Concen: 5.021 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

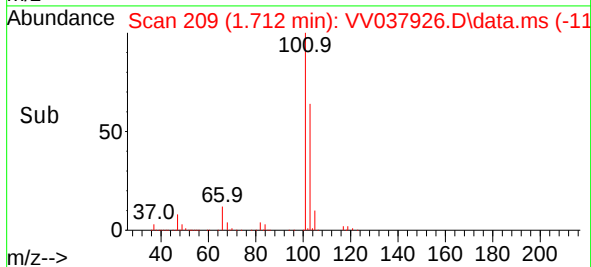
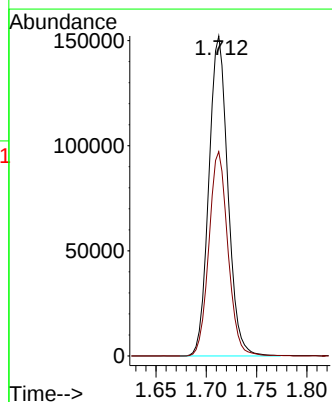
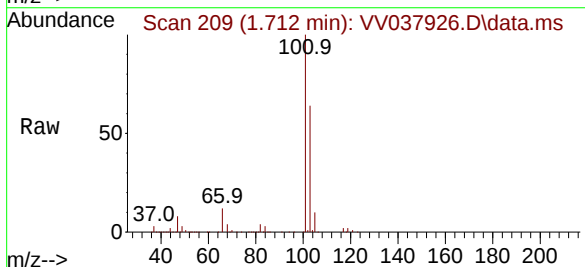
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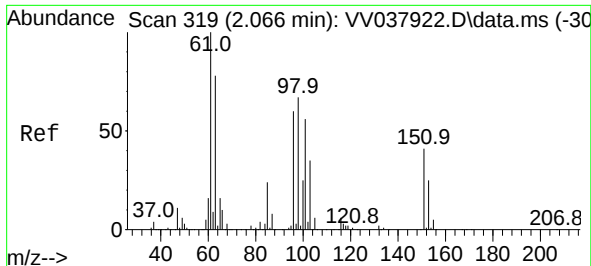
Tgt Ion: 64 Resp: 85575
Ion Ratio Lower Upper
64 100
66 32.5 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.026 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

Tgt Ion:101 Resp: 200048
Ion Ratio Lower Upper
101 100
103 63.9 51.7 77.5

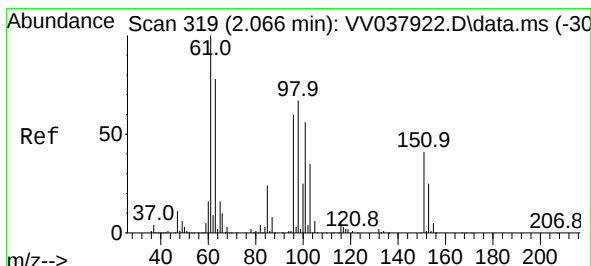
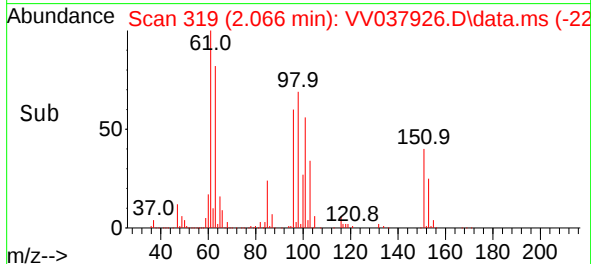
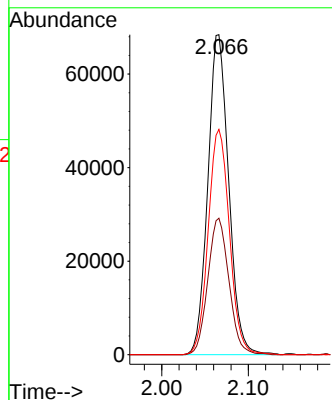
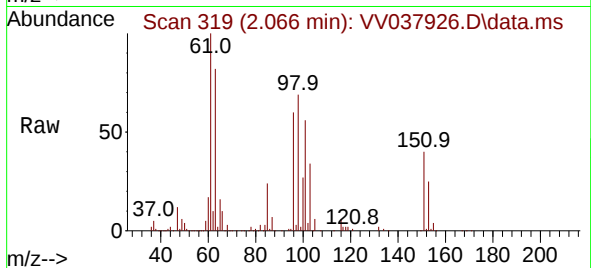




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.025 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037926.D
 Acq: 06 Nov 2024 13:02

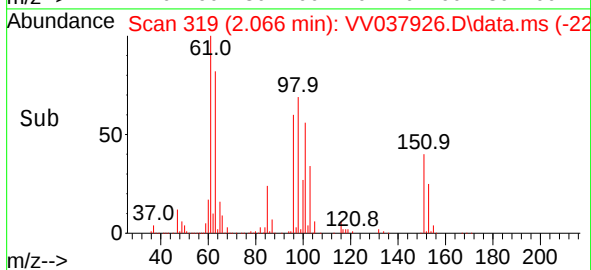
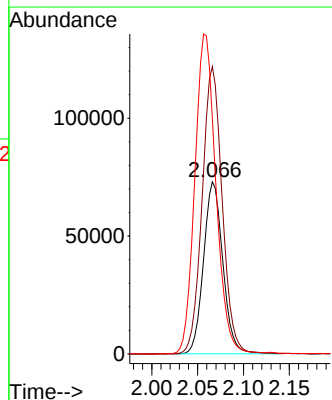
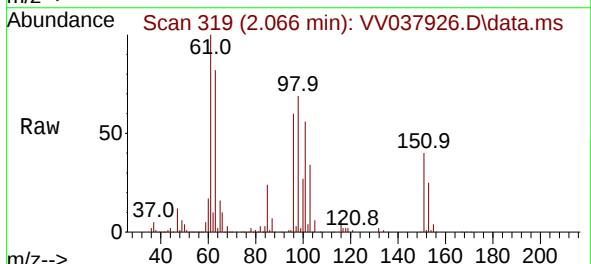
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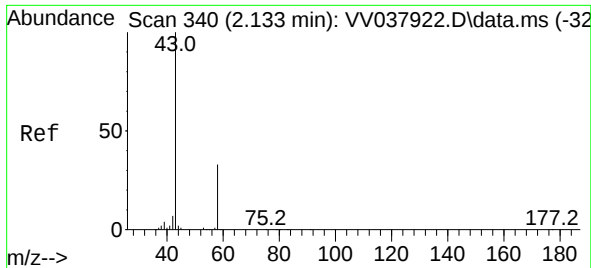
Tgt Ion:101 Resp: 114459
 Ion Ratio Lower Upper
 101 100
 85 43.2 35.0 52.6
 151 71.9 59.2 88.8



#12
 1,1-Dichloroethene
 Concen: 5.093 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV037926.D
 Acq: 06 Nov 2024 13:02

Tgt Ion: 96 Resp: 106628
 Ion Ratio Lower Upper
 96 100
 61 167.0 117.4 218.0
 63 136.8 91.7 170.3





#13

Acetone

Concen: 49.142 ug/L

RT: 2.130 min Scan# 340

Delta R.T. -0.003 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Instrument :

MSVOA_V

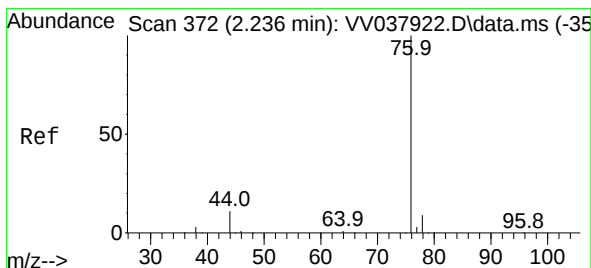
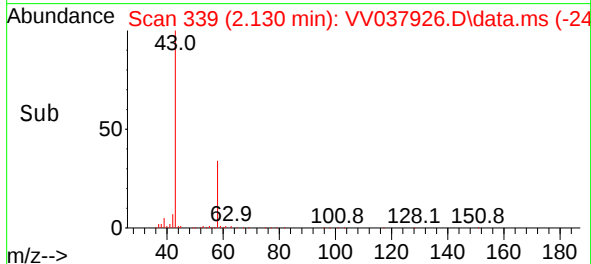
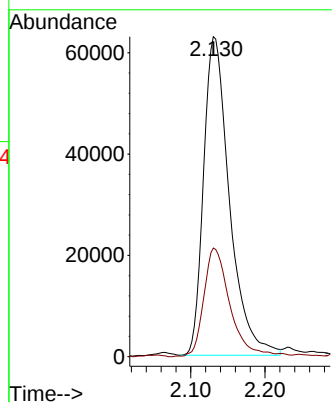
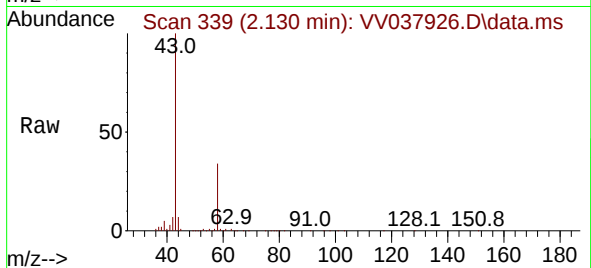
ClientSampleId :

Tgt Ion: 43 Resp: 152523

Ion Ratio Lower Upper

43 100

58 34.2 0.0 64.6



#14

Carbon disulfide

Concen: 5.057 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV037926.D

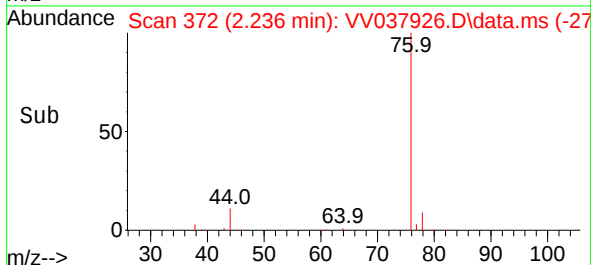
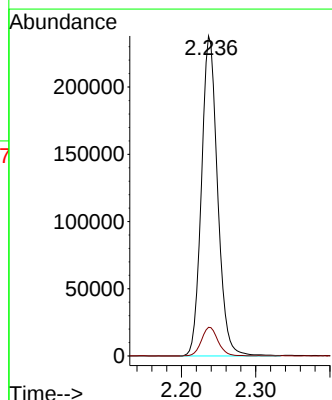
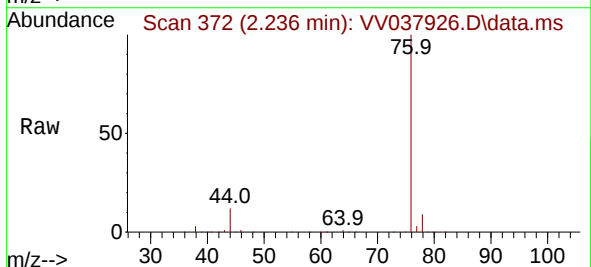
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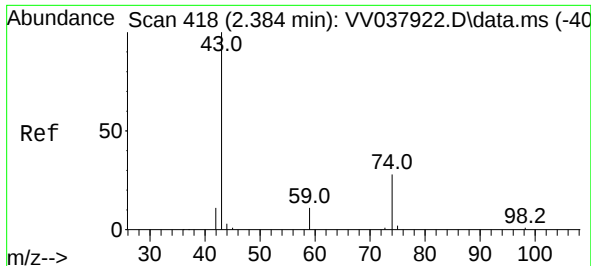
Tgt Ion: 76 Resp: 359188

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9





#15

Methyl Acetate

Concen: 4.982 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.000 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Instrument :

MSVOA_V

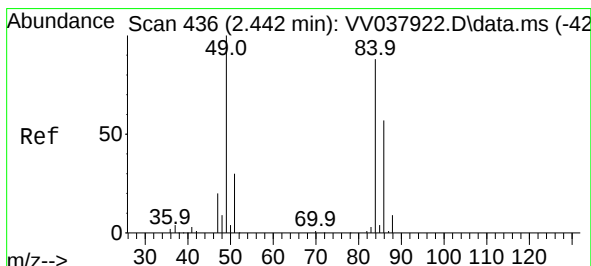
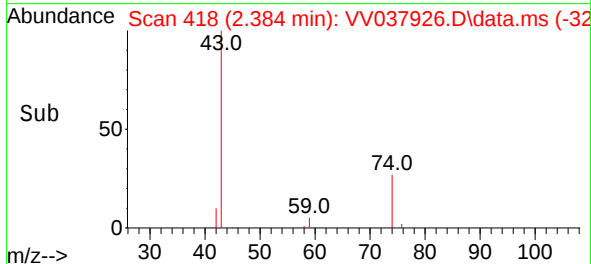
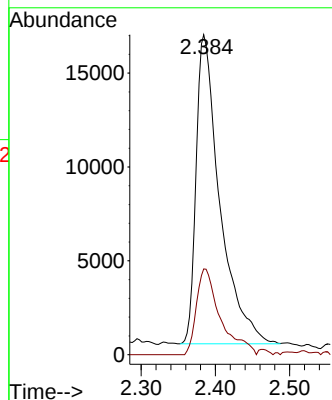
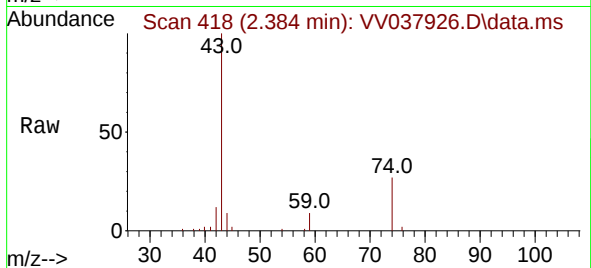
ClientSampleId :

Tgt Ion: 43 Resp: 36597

Ion Ratio Lower Upper

43 100

74 28.0 21.8 32.8



#16

Methylene chloride

Concen: 4.861 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

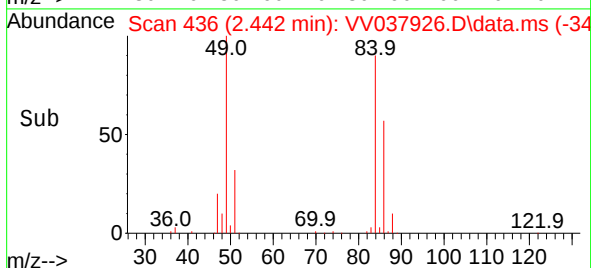
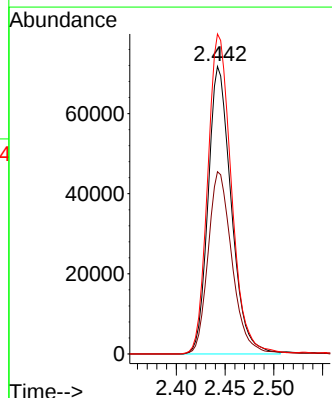
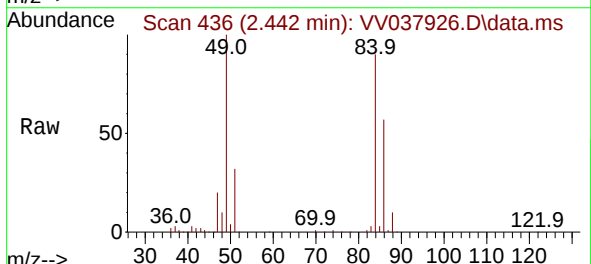
Tgt Ion: 84 Resp: 118798

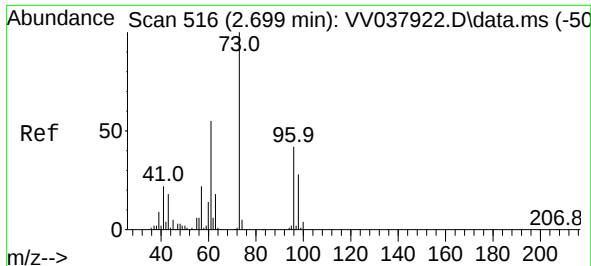
Ion Ratio Lower Upper

84 100

86 63.4 45.0 83.6

49 111.3 79.2 147.2

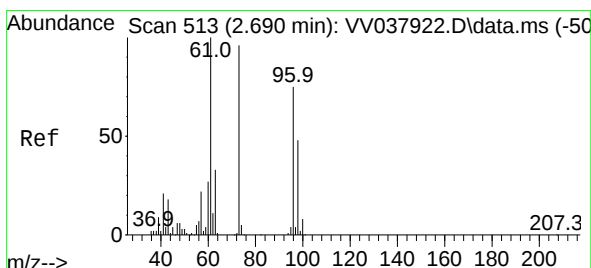
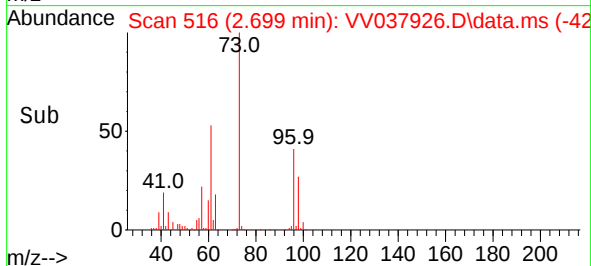
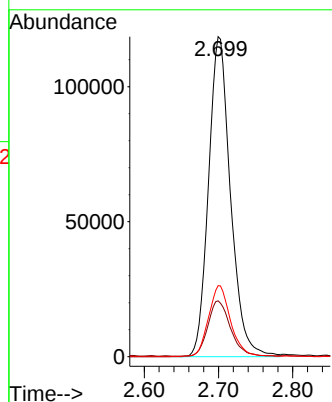
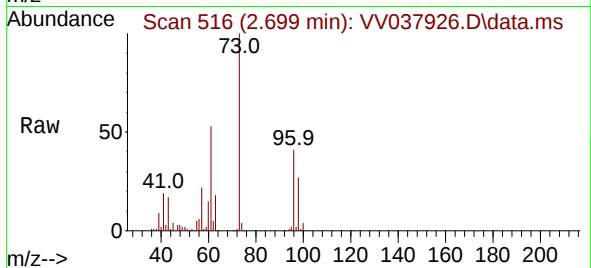




#17
Methyl tert-butyl Ether
Concen: 5.208 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

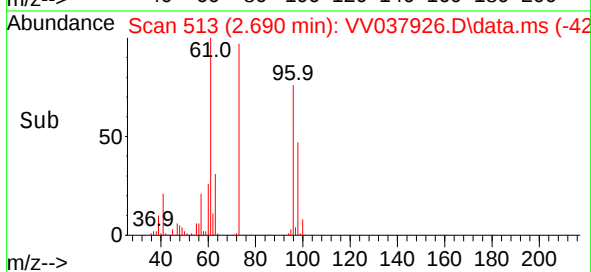
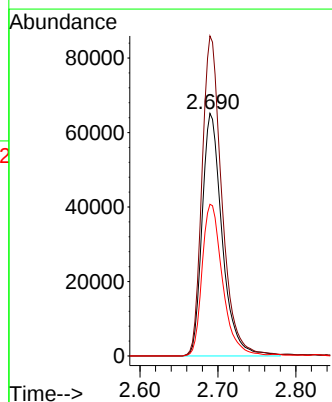
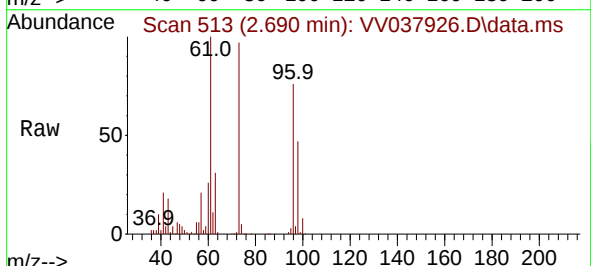
Instrument :
MSVOA_V
ClientSampleId :

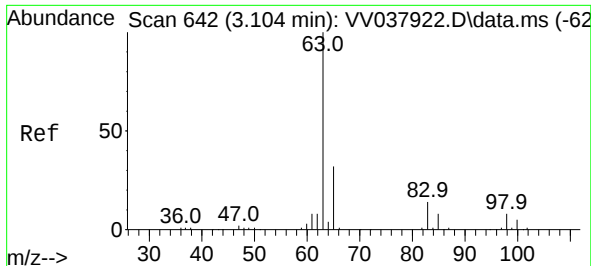
Tgt Ion: 73 Resp: 243841
Ion Ratio Lower Upper
73 100
43 17.7 14.4 21.6
57 22.4 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 5.154 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

Tgt Ion: 96 Resp: 116541
Ion Ratio Lower Upper
96 100
61 131.9 93.2 173.0
98 62.5 44.4 82.4





#19

1,1-Dichloroethane

Concen: 5.072 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Instrument :

MSVOA_V

ClientSampleId :

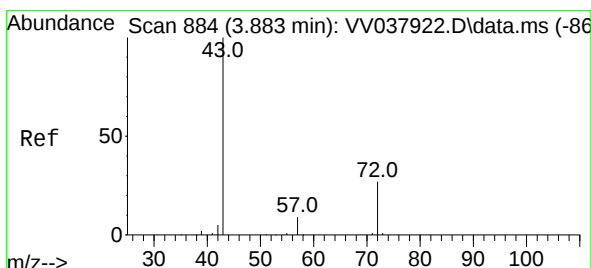
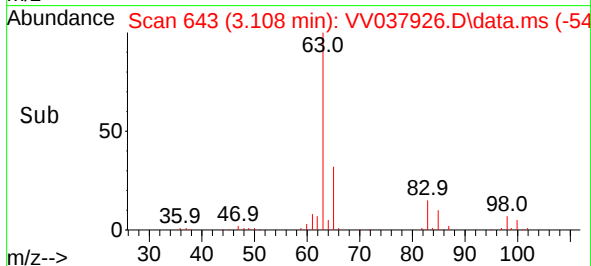
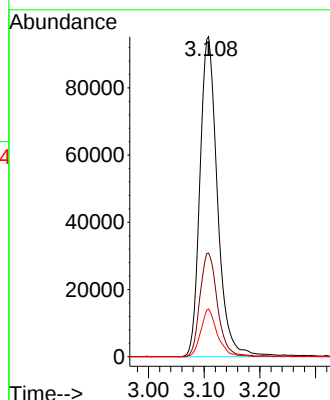
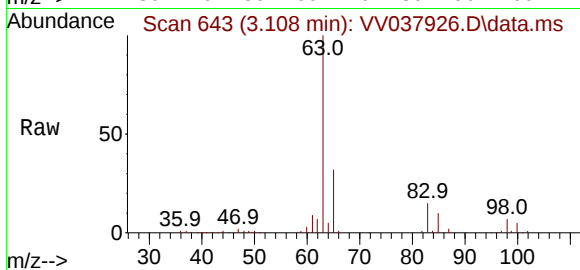
Tgt Ion: 63 Resp: 208351

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.3

83 14.9 9.5 17.7



#21

2-Butanone

Concen: 49.165 ug/L

RT: 3.879 min Scan# 883

Delta R.T. -0.003 min

Lab File: VV037926.D

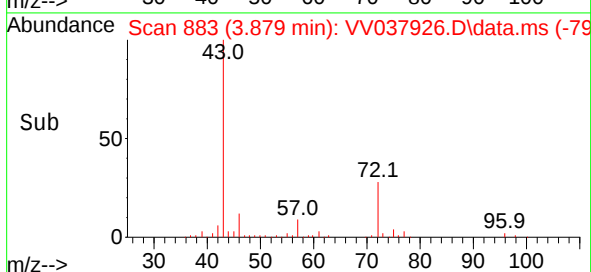
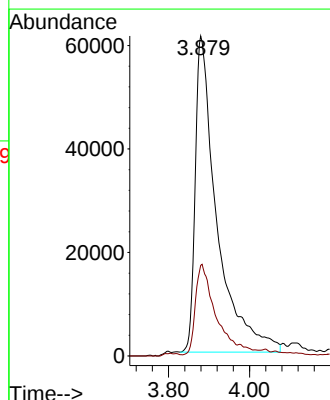
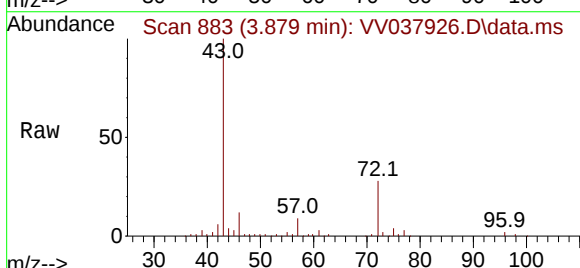
Acq: 06 Nov 2024 13:02

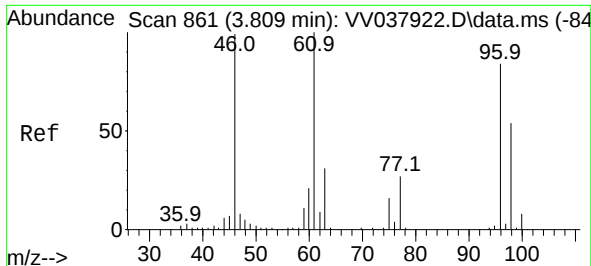
Tgt Ion: 43 Resp: 226782

Ion Ratio Lower Upper

43 100

72 25.6 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 5.199 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Instrument :

MSVOA_V

ClientSampleId :

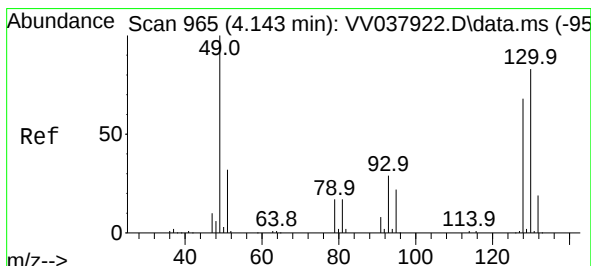
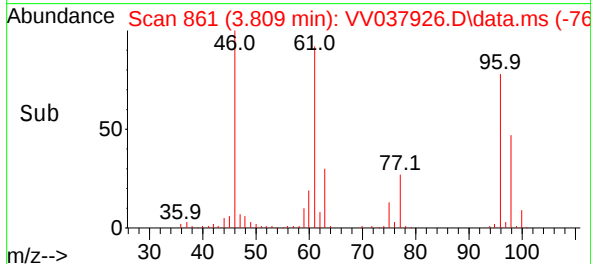
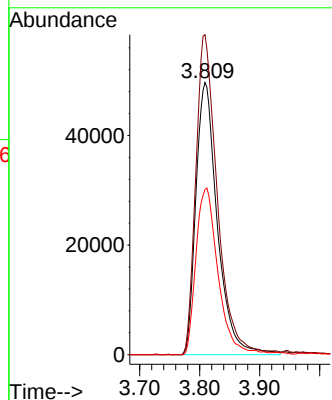
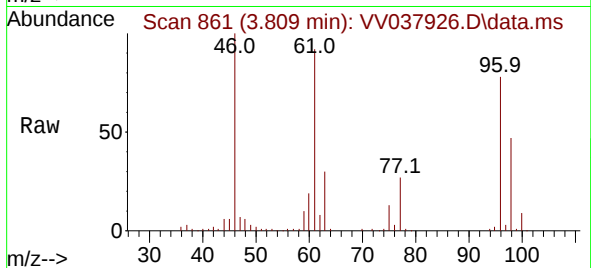
Tgt Ion: 96 Resp: 123867

Ion Ratio Lower Upper

96 100

61 117.6 83.4 154.8

98 60.7 44.6 82.8



#23

Bromochloromethane

Concen: 5.183 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.000 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Tgt Ion:128 Resp: 55764

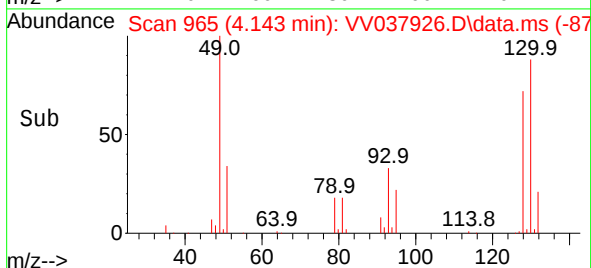
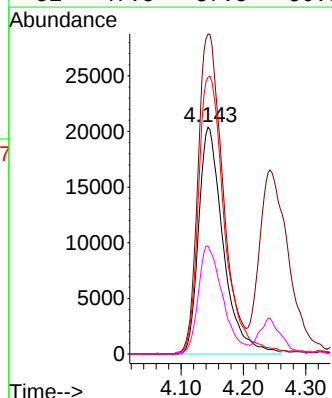
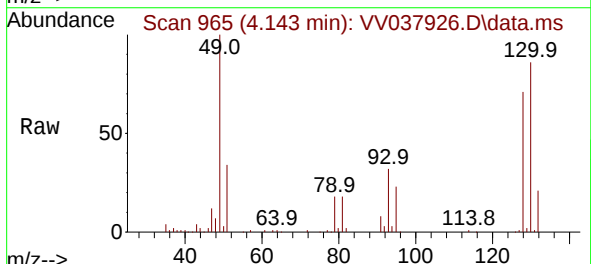
Ion Ratio Lower Upper

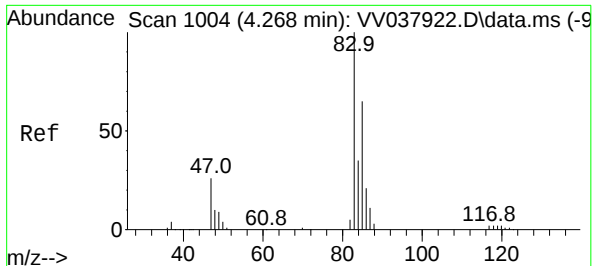
128 100

49 141.1 103.0 191.4

130 122.0 85.9 159.5

51 47.5 37.5 56.3





#25

Chloroform

Concen: 5.020 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Instrument :

MSVOA_V

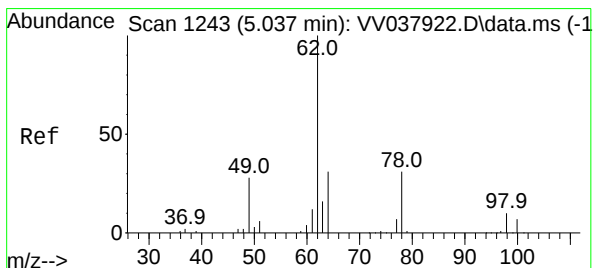
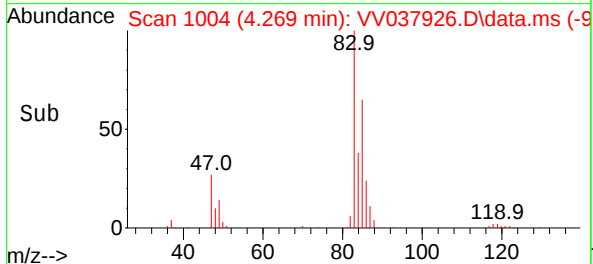
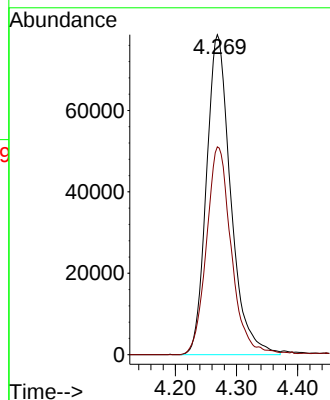
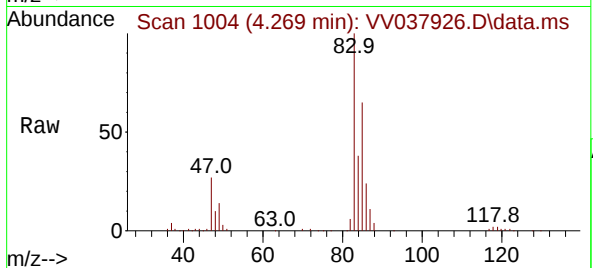
ClientSampleId :

Tgt Ion: 83 Resp: 216638

Ion Ratio Lower Upper

83 100

85 64.9 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.151 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV037926.D

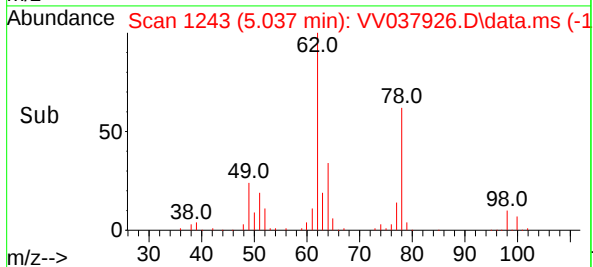
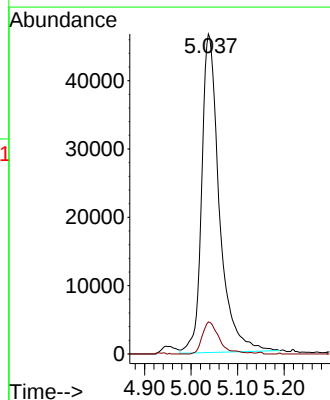
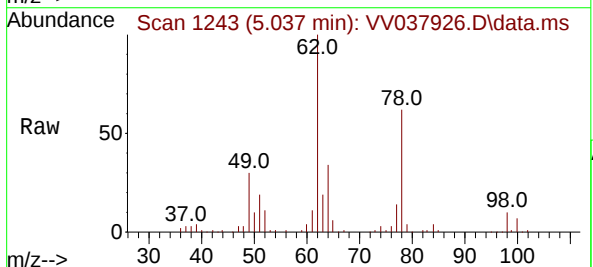
Acq: 06 Nov 2024 13:02

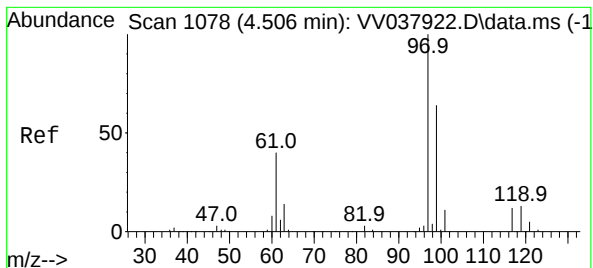
Tgt Ion: 62 Resp: 123166

Ion Ratio Lower Upper

62 100

98 10.0 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.196 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.003 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Instrument :

MSVOA_V

ClientSampleId :

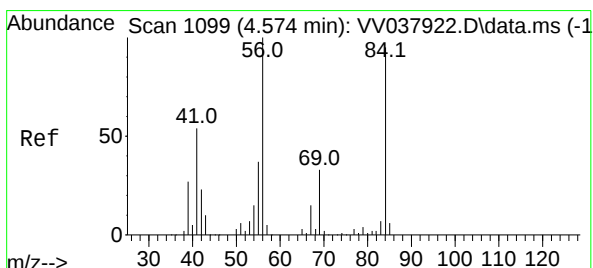
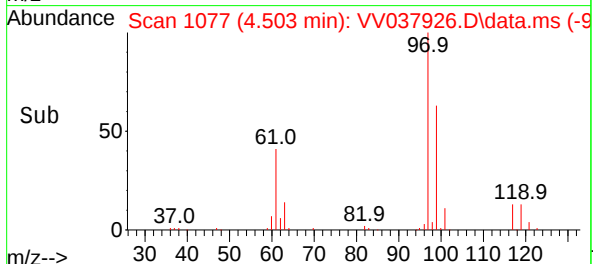
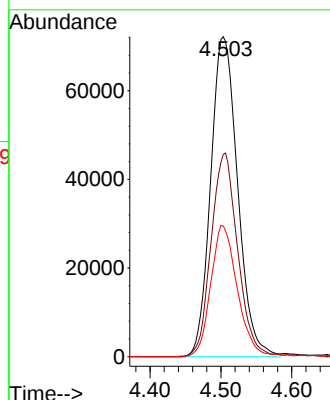
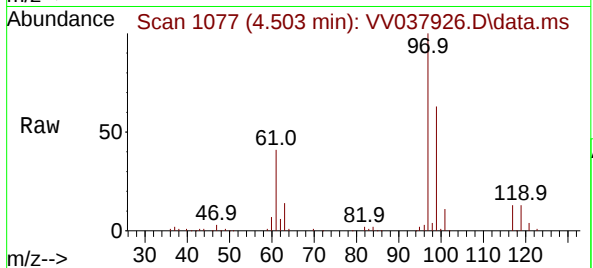
Tgt Ion: 97 Resp: 190992

Ion Ratio Lower Upper

97 100

99 62.7 52.1 78.1

61 40.1 33.3 49.9



#30

Cyclohexane

Concen: 5.284 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

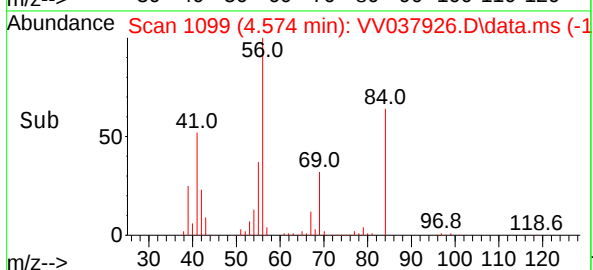
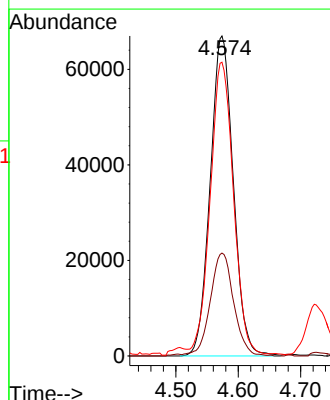
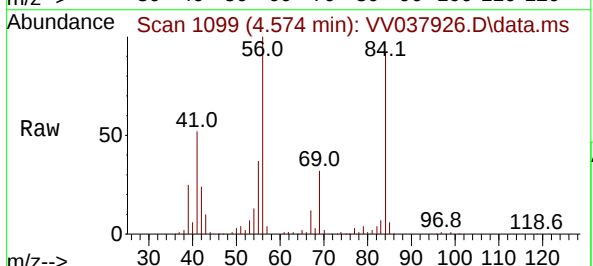
Tgt Ion: 56 Resp: 172313

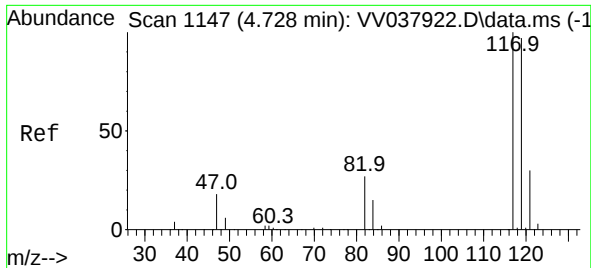
Ion Ratio Lower Upper

56 100

69 32.6 25.5 38.3

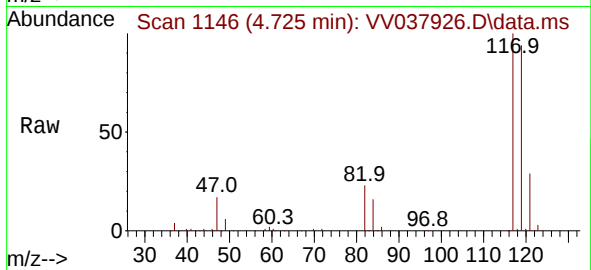
84 91.6 75.2 112.8



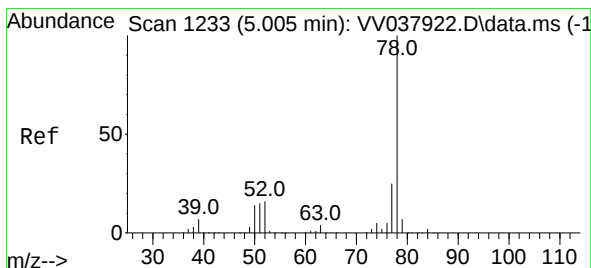
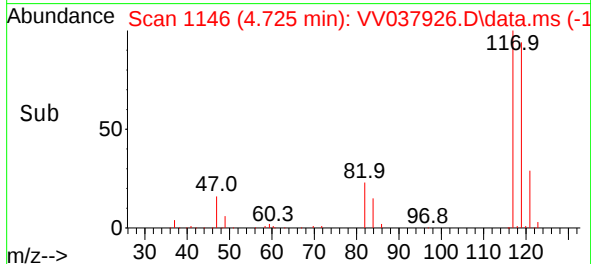
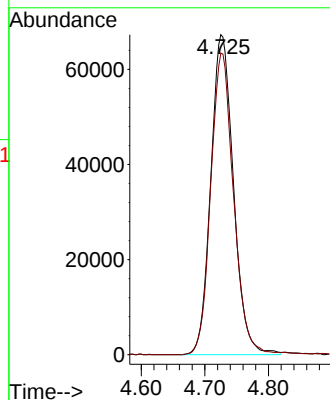


#31
Carbon tetrachloride
Concen: 5.168 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

Instrument :
MSVOA_V
ClientSampleId :

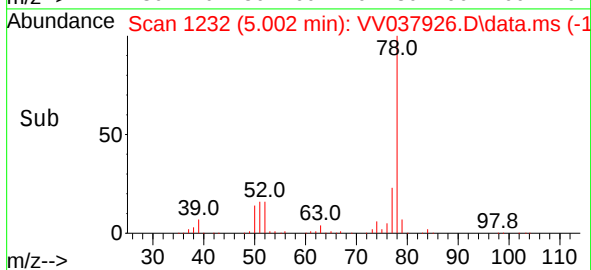
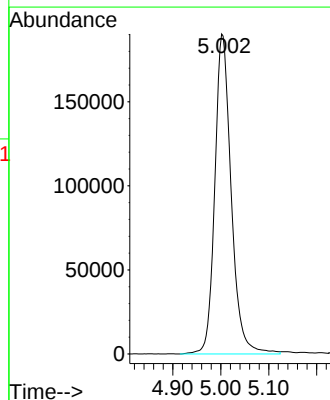
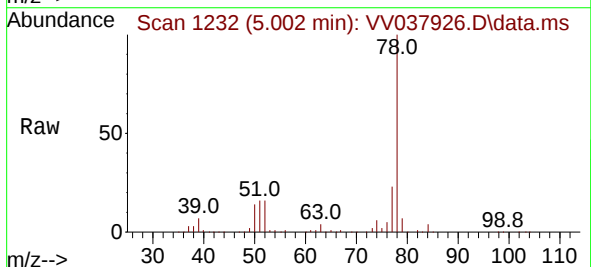


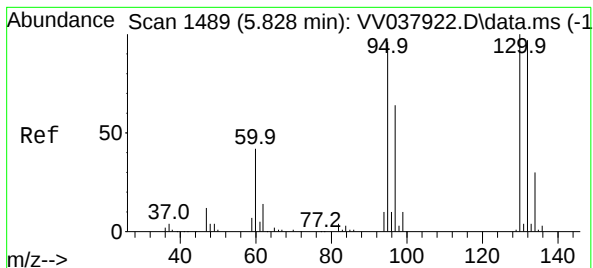
Tgt Ion:117 Resp: 166694
Ion Ratio Lower Upper
117 100
119 94.5 77.2 115.8



#33
Benzene
Concen: 5.358 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.003 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

Tgt Ion: 78 Resp: 452642





#34

Trichloroethene

Concen: 5.169 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 120926

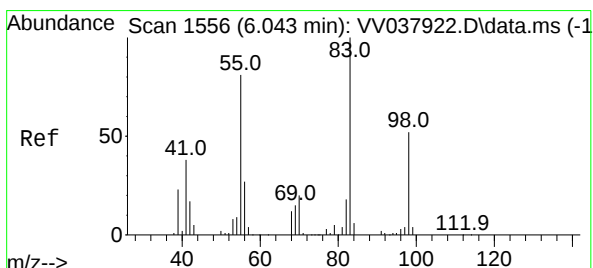
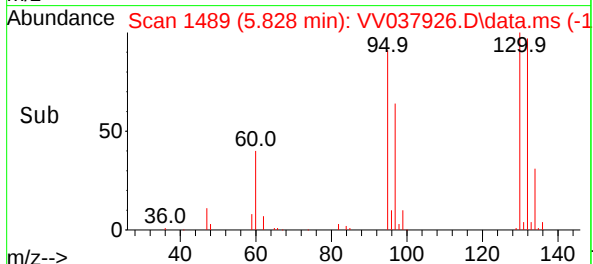
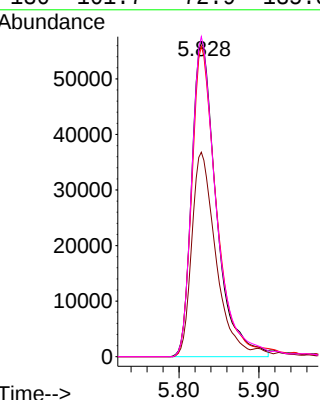
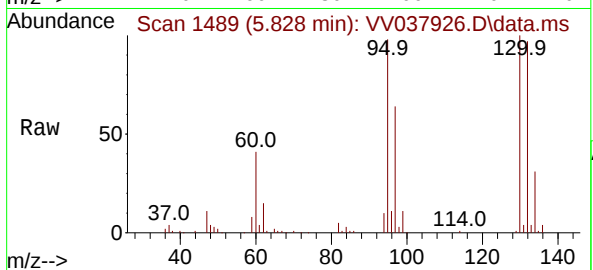
Ion Ratio Lower Upper

95 100

97 65.0 46.9 87.1

132 98.7 70.5 130.9

130 101.7 72.9 135.3



#35

Methylcyclohexane

Concen: 5.056 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

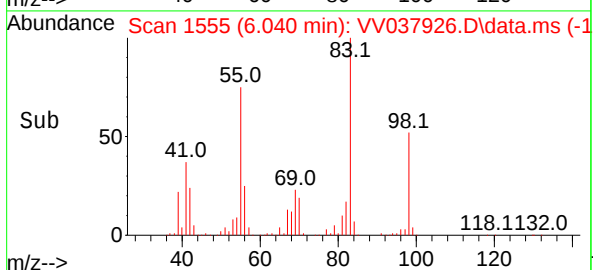
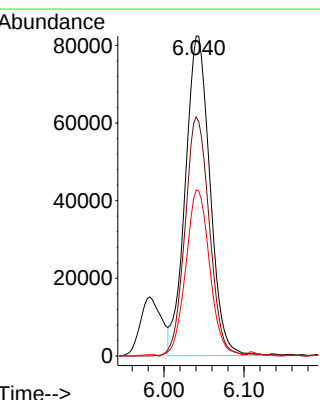
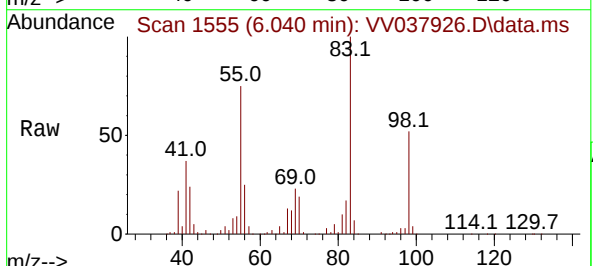
Tgt Ion: 83 Resp: 176304

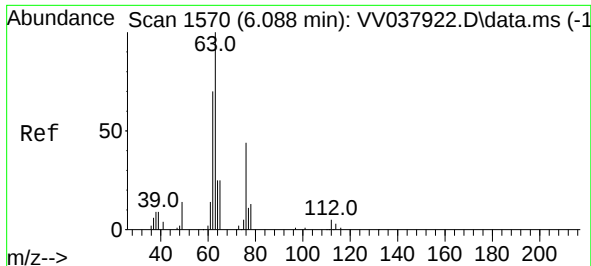
Ion Ratio Lower Upper

83 100

55 73.8 59.3 88.9

98 50.6 38.3 57.5

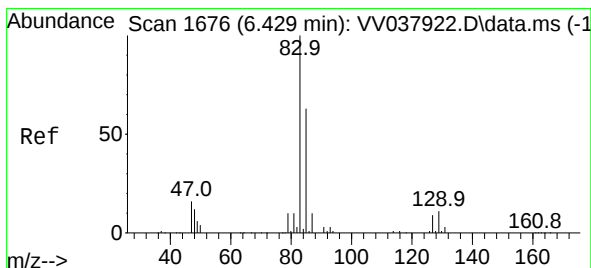
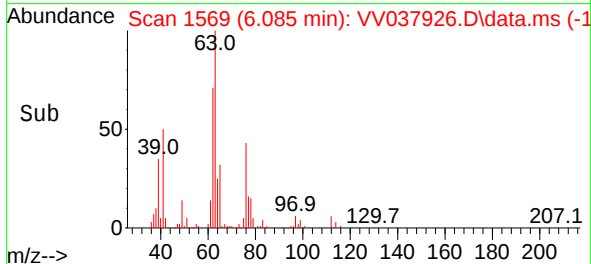
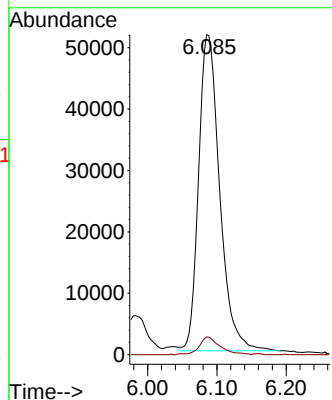
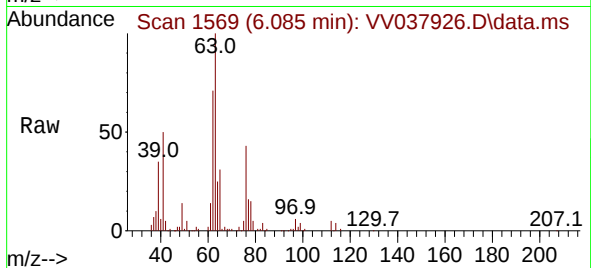




#37
1,2-Dichloropropane
Concen: 5.169 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

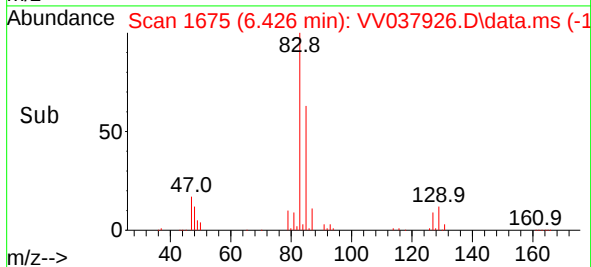
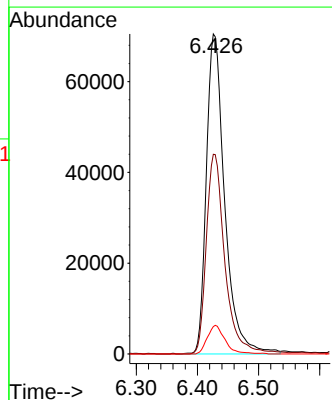
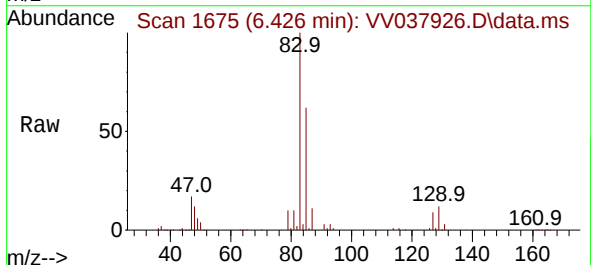
Instrument :
MSVOA_V
ClientSampleId :

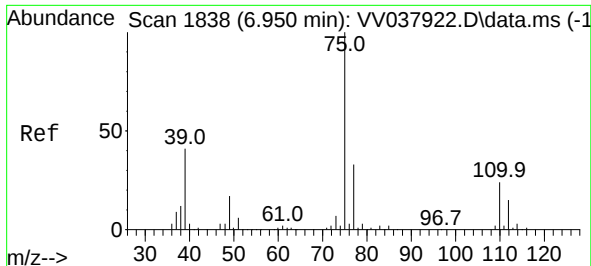
Tgt Ion: 63 Resp: 109158
Ion Ratio Lower Upper
63 100
112 5.5 4.1 6.1



#38
Bromodichloromethane
Concen: 5.258 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

Tgt Ion: 83 Resp: 147309
Ion Ratio Lower Upper
83 100
85 62.4 44.2 82.2
127 8.5 6.8 10.2

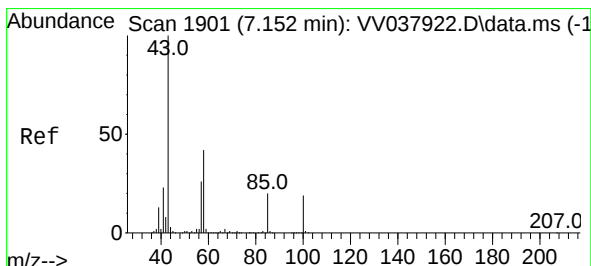
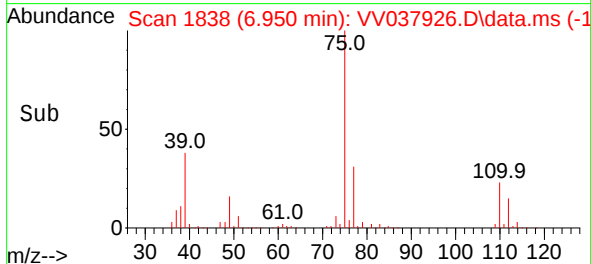
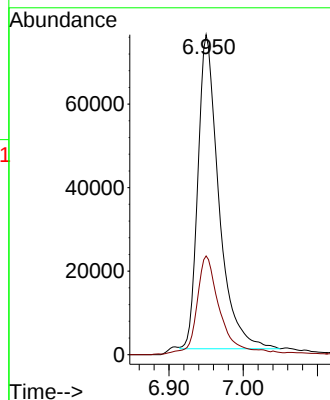
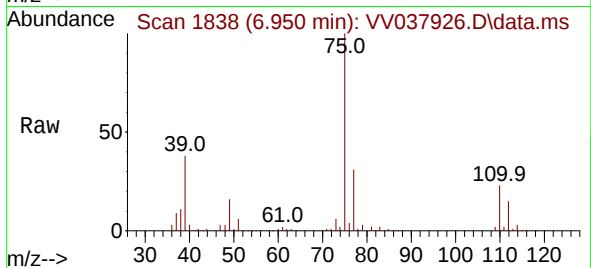




#39
 cis-1,3-Dichloropropene
 Concen: 4.838 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV037926.D
 Acq: 06 Nov 2024 13:02

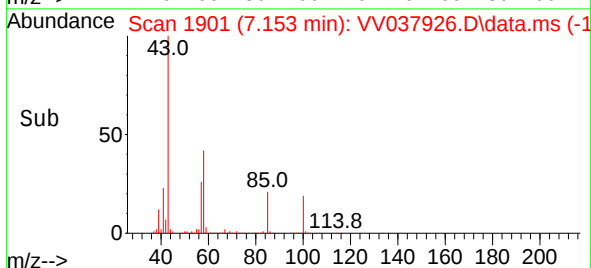
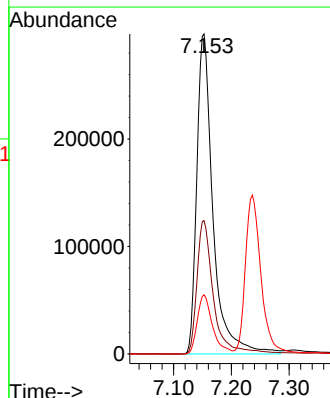
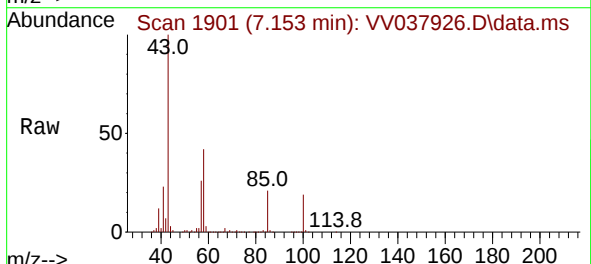
Instrument :
 MSVOA_V
 ClientSampleId :

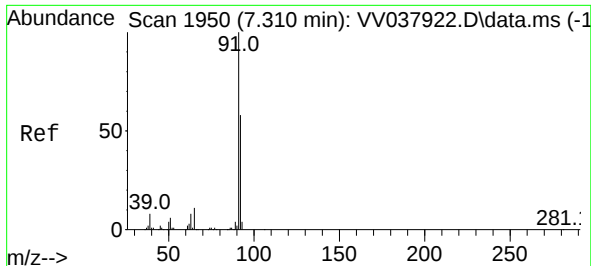
Tgt Ion: 75 Resp: 147608
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 54.670 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VV037926.D
 Acq: 06 Nov 2024 13:02

Tgt Ion: 43 Resp: 580935
 Ion Ratio Lower Upper
 43 100
 58 42.8 32.6 49.0
 100 17.5 13.8 20.8





#42

Toluene

Concen: 5.456 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Instrument :

MSVOA_V

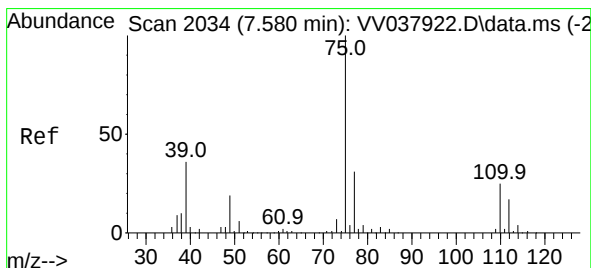
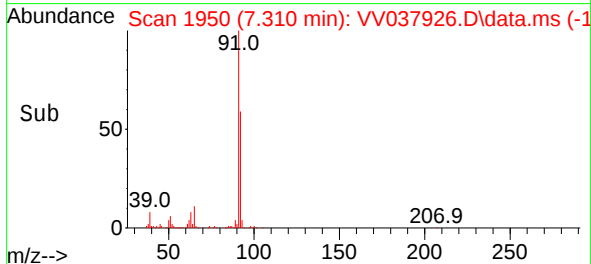
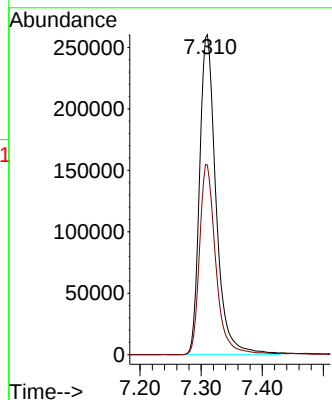
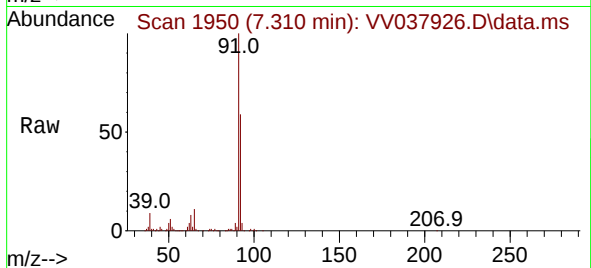
ClientSampleId :

Tgt Ion: 91 Resp: 487750

Ion Ratio Lower Upper

91 100

92 59.2 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.362 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV037926.D

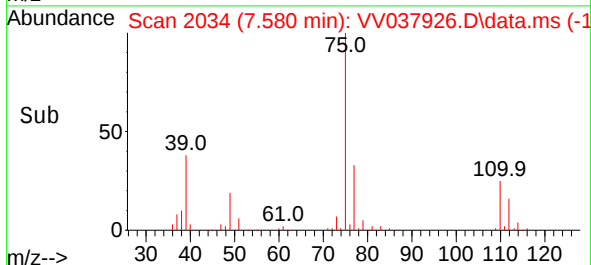
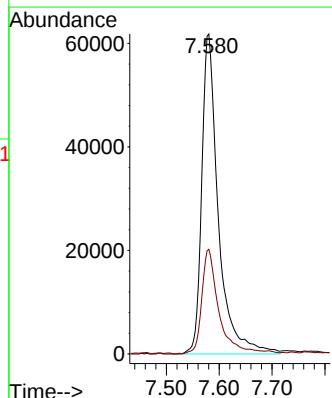
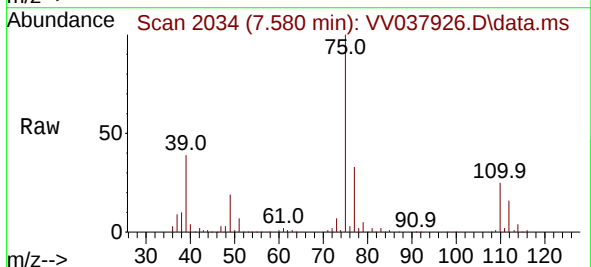
Acq: 06 Nov 2024 13:02

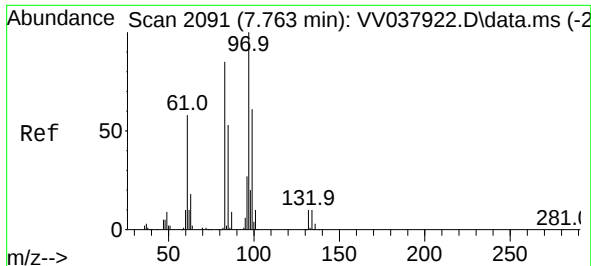
Tgt Ion: 75 Resp: 134884

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.6





#45

1,1,2-Trichloroethane

Concen: 5.326 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. 0.000 min

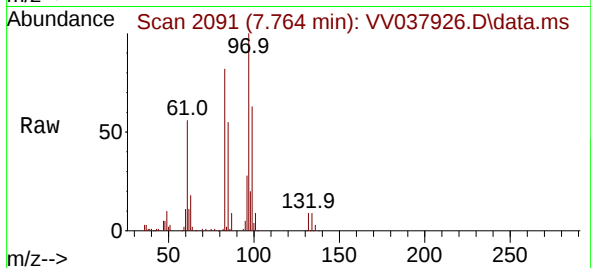
Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 85126

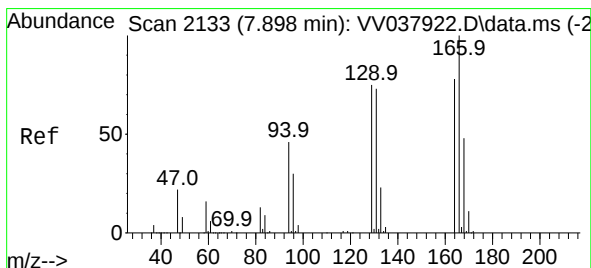
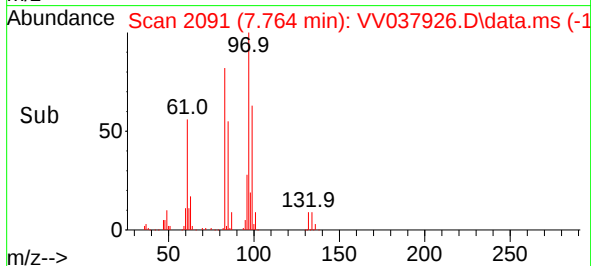
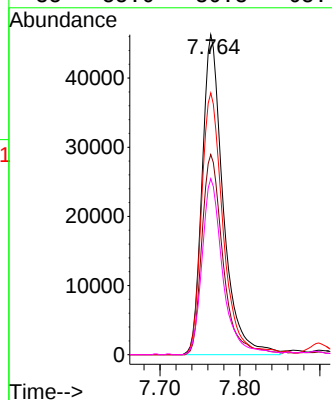
Ion Ratio Lower Upper

97 100

99 62.5 42.4 78.8

83 81.8 59.3 110.1

85 55.0 36.8 68.4



#47

Tetrachloroethene

Concen: 5.178 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Tgt Ion:164 Resp: 94169

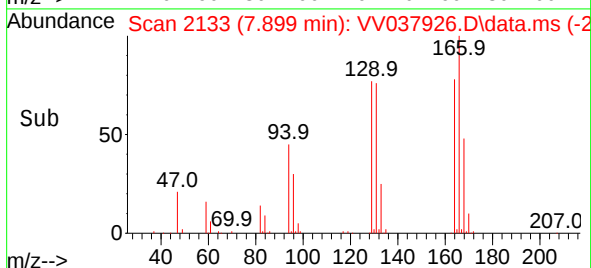
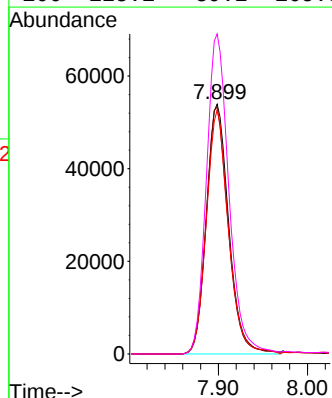
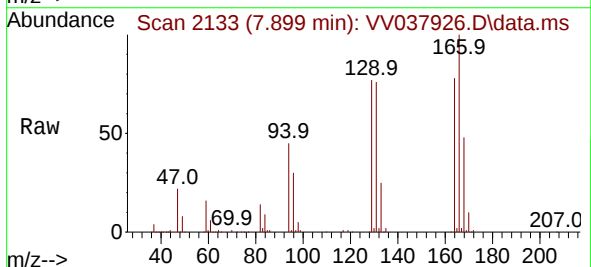
Ion Ratio Lower Upper

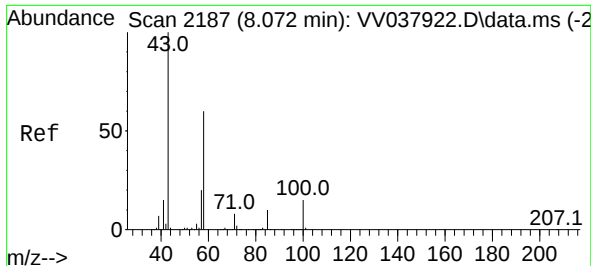
164 100

129 98.8 66.8 124.2

131 97.7 65.2 121.2

166 128.1 89.2 165.8





#48

2-Hexanone

Concen: 55.128 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

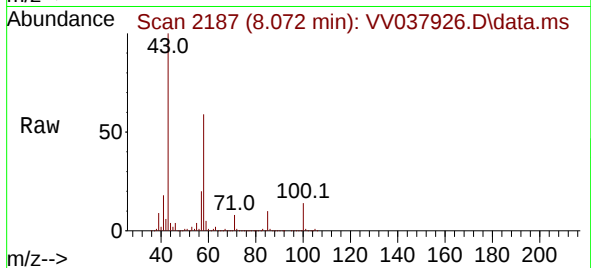
Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 414376

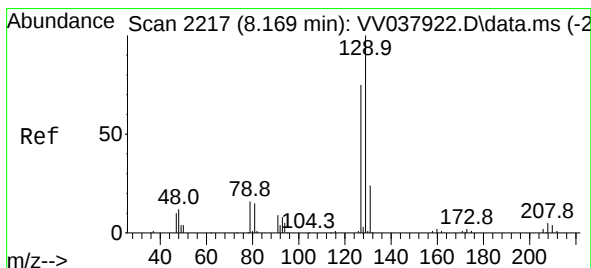
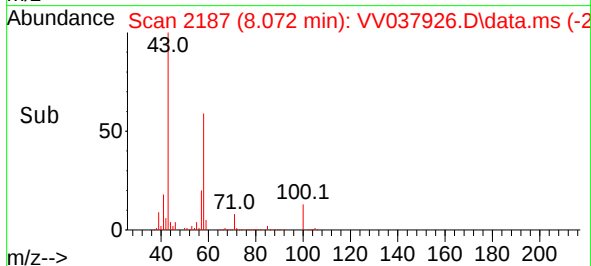
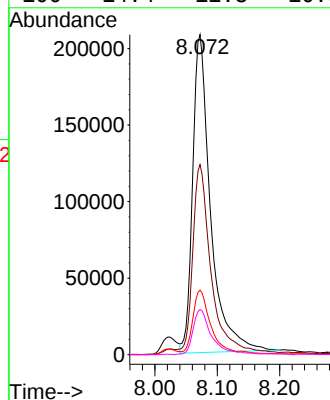
Ion Ratio Lower Upper

43 100

58 60.2 48.5 72.7

57 18.5 16.3 24.5

100 14.4 11.3 16.9



#49

Dibromochloromethane

Concen: 5.073 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV037926.D

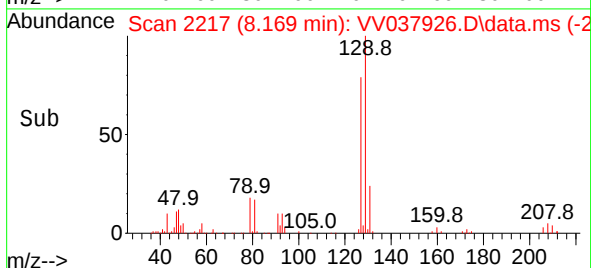
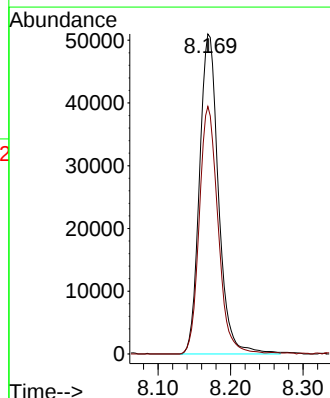
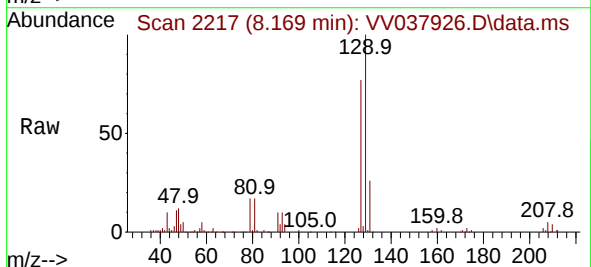
Acq: 06 Nov 2024 13:02

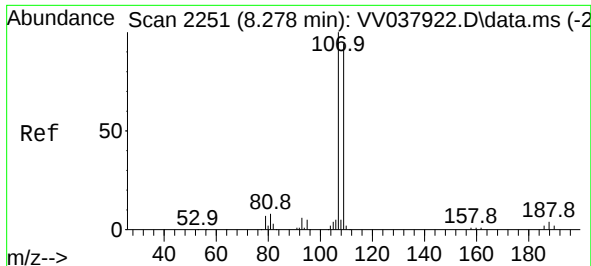
Tgt Ion: 129 Resp: 92683

Ion Ratio Lower Upper

129 100

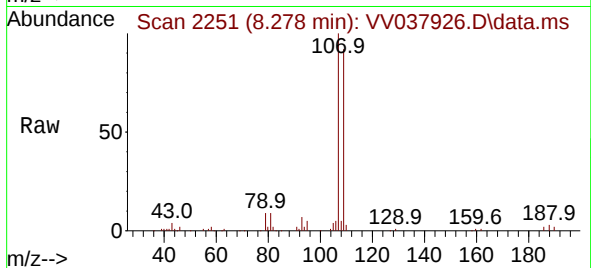
127 77.4 52.2 97.0



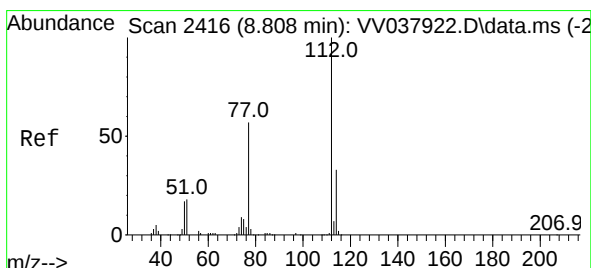
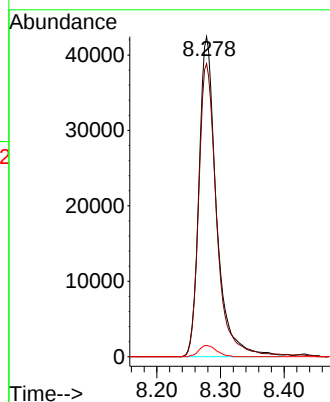
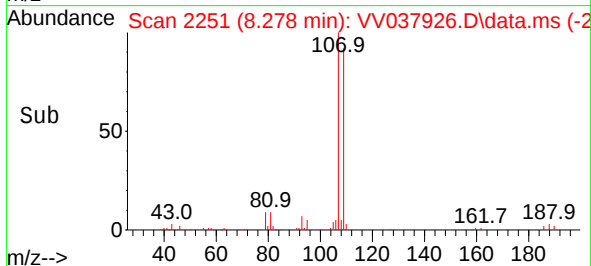


#50
1,2-Dibromoethane
Concen: 5.431 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

Instrument :
MSVOA_V
ClientSampleId :

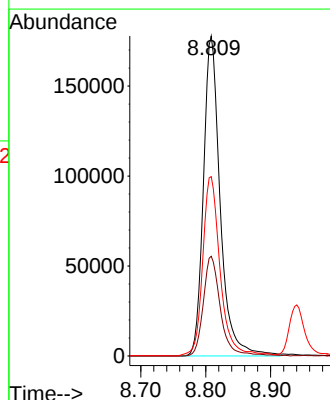
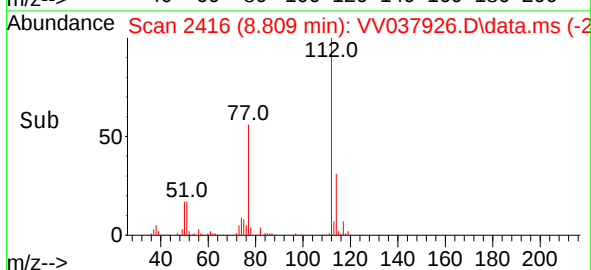
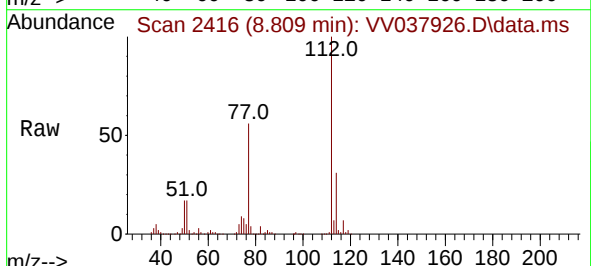


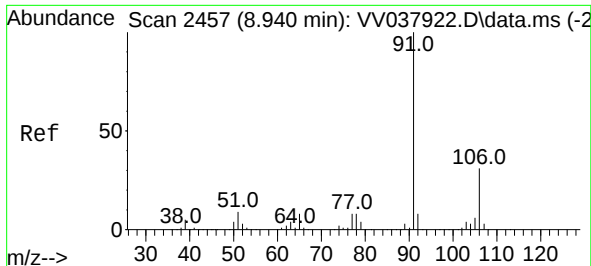
Tgt Ion:107 Resp: 81006
Ion Ratio Lower Upper
107 100
109 91.5 65.8 122.2
188 3.5 3.0 4.6



#51
Chlorobenzene
Concen: 5.242 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

Tgt Ion:112 Resp: 320472
Ion Ratio Lower Upper
112 100
114 31.2 23.0 42.6
77 56.1 45.9 68.9

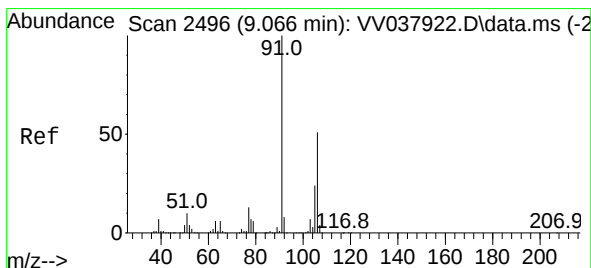
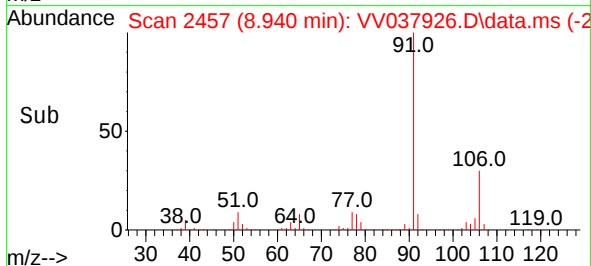
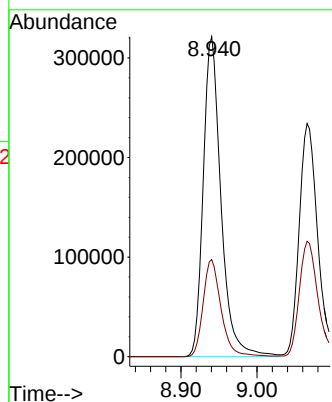
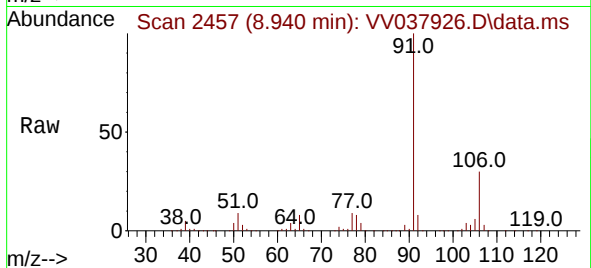




#52
Ethylbenzene
Concen: 5.417 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

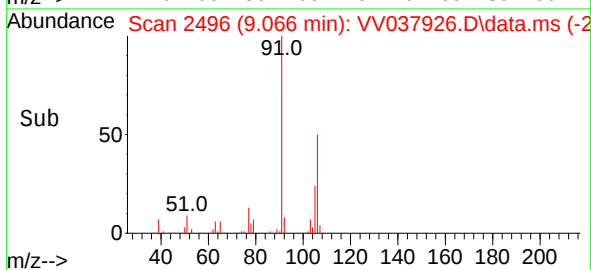
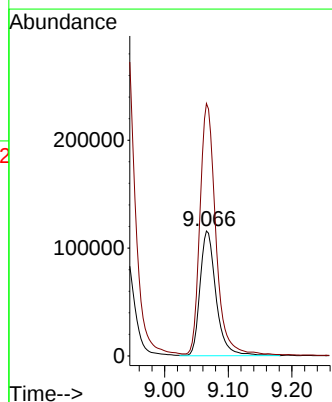
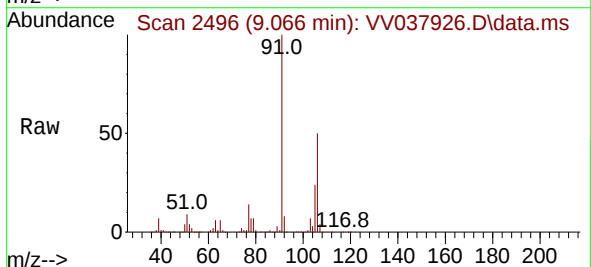
Instrument :
MSVOA_V
ClientSampleId :

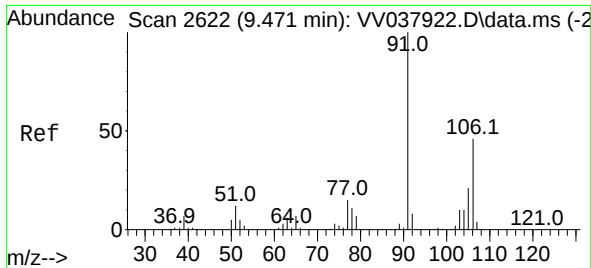
Tgt Ion: 91 Resp: 521629
Ion Ratio Lower Upper
91 100
106 30.3 21.8 40.4



#53
m,p-Xylene
Concen: 5.507 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

Tgt Ion: 106 Resp: 202273
Ion Ratio Lower Upper
106 100
91 201.9 139.0 258.2

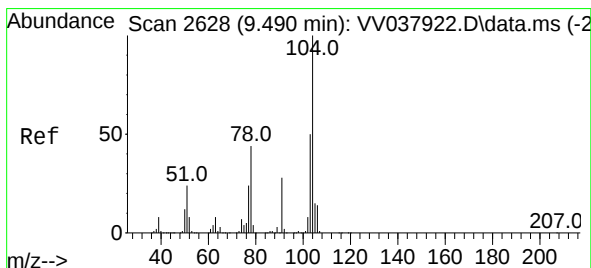
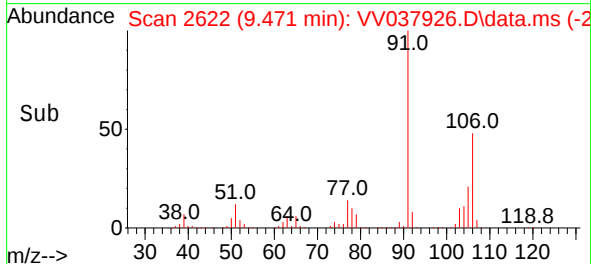
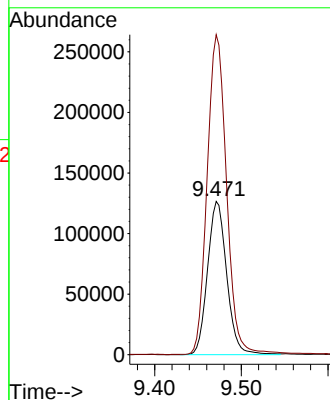
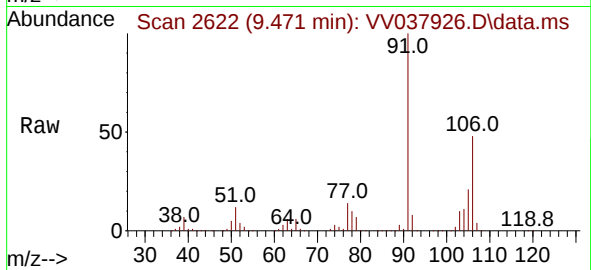




#54
o-Xylene
Concen: 5.574 ug/L
RT: 9.471 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

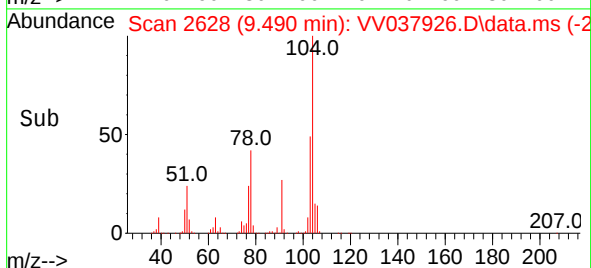
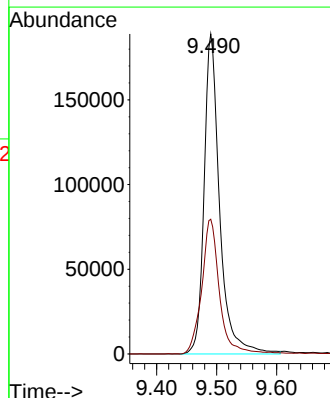
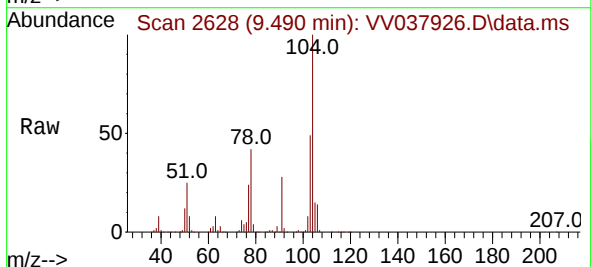
Instrument :
MSVOA_V
ClientSampleId :

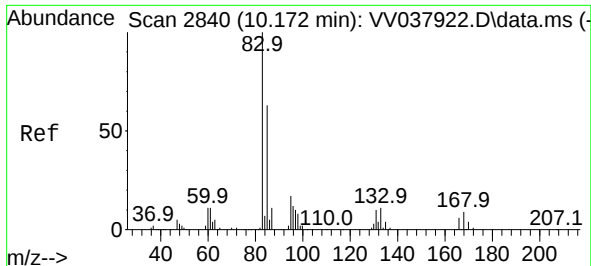
Tgt Ion:106 Resp: 194859
Ion Ratio Lower Upper
106 100
91 208.7 152.0 282.2



#55
Styrene
Concen: 5.661 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

Tgt Ion:104 Resp: 340828
Ion Ratio Lower Upper
104 100
78 42.1 30.9 57.3

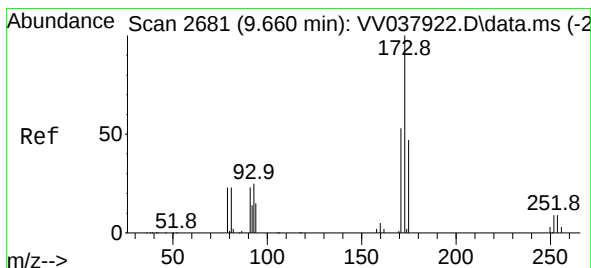
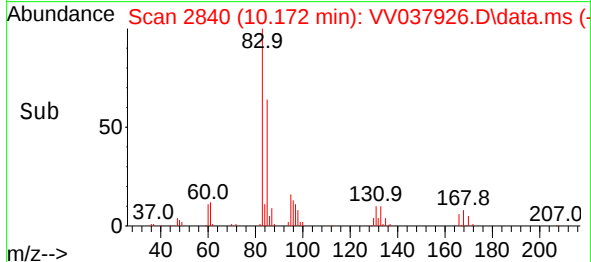
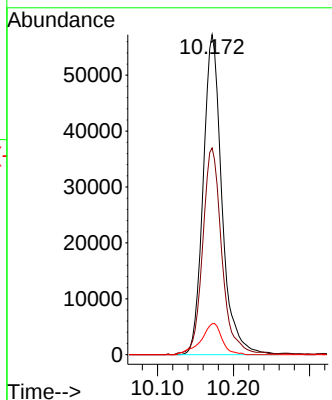
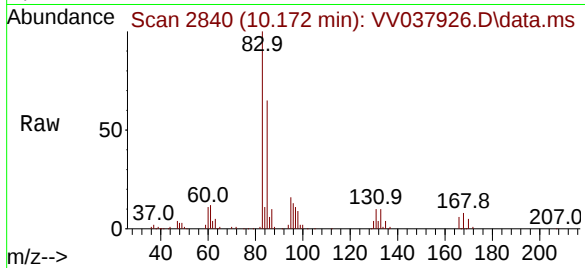




#57
1,1,2,2-Tetrachloroethane
Concen: 5.273 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

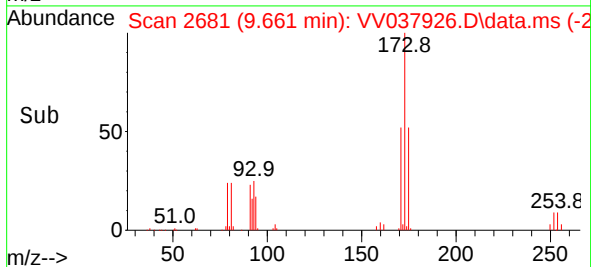
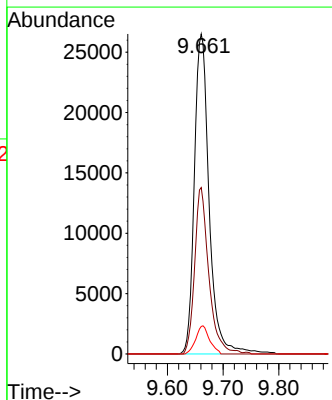
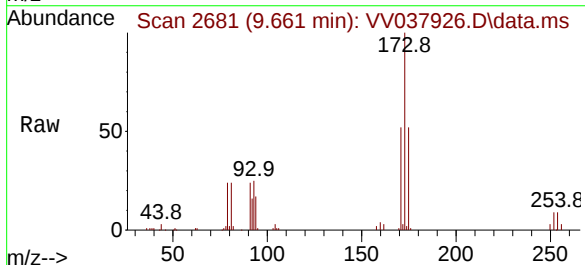
Instrument :
MSVOA_V
ClientSampleId :

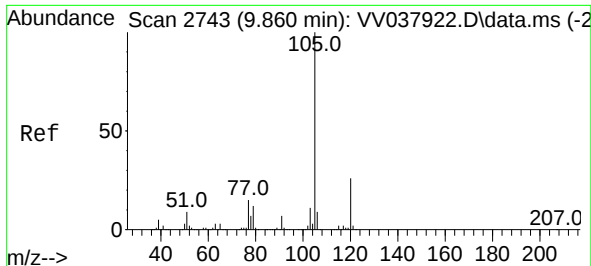
Tgt Ion: 83 Resp: 97849
Ion Ratio Lower Upper
83 100
85 64.6 44.2 82.2
131 9.7 7.9 11.9



#59
Bromoform
Concen: 4.913 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

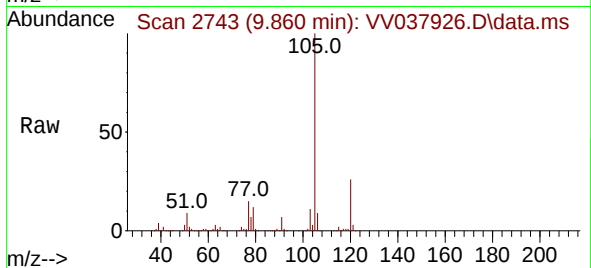
Tgt Ion: 173 Resp: 48928
Ion Ratio Lower Upper
173 100
175 49.7 38.0 57.0
254 8.2 6.9 10.3



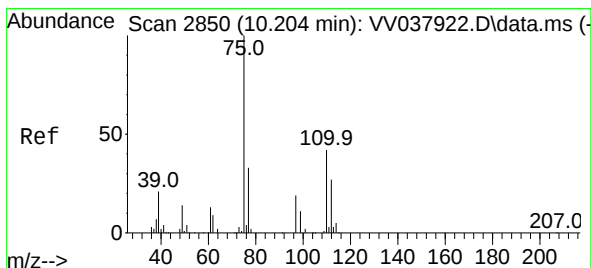
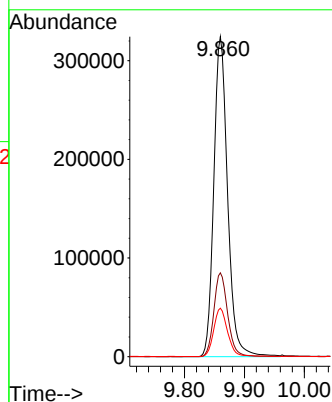
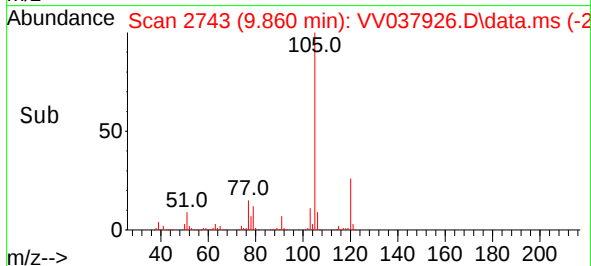


#60
Isopropylbenzene
Concen: 5.203 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

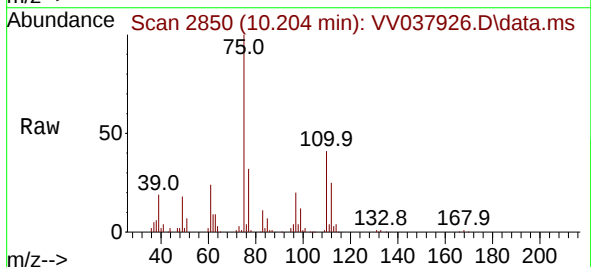
Instrument :
MSVOA_V
ClientSampleId :



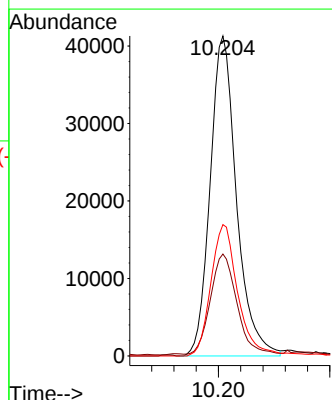
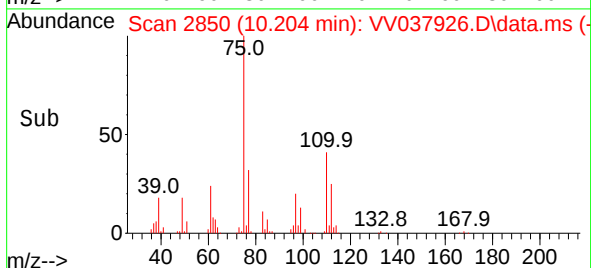
Tgt Ion:105 Resp: 518146
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.4
77 15.2 12.2 18.2

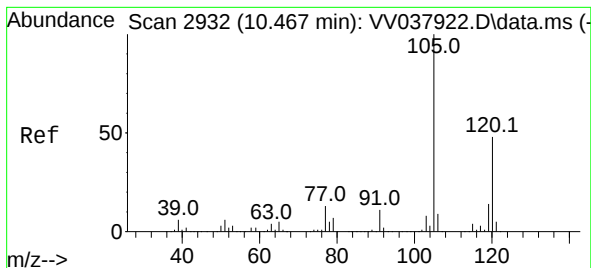


#61
1,2,3-Trichloropropane
Concen: 5.078 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02



Tgt Ion: 75 Resp: 67859
Ion Ratio Lower Upper
75 100
77 31.0 24.9 37.3
110 42.3 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 5.145 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Instrument :

MSVOA_V

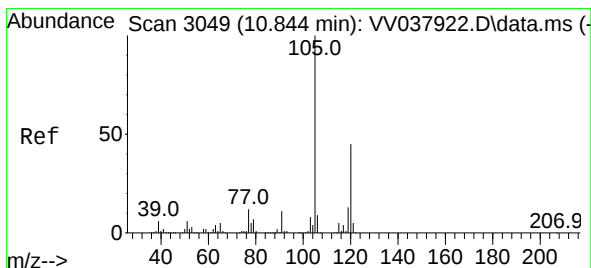
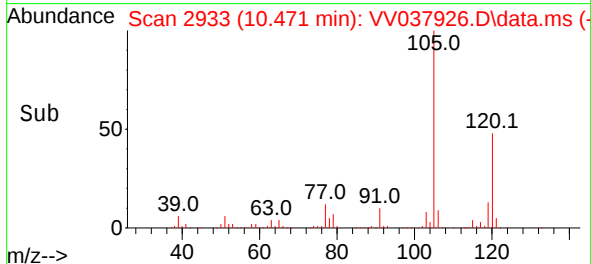
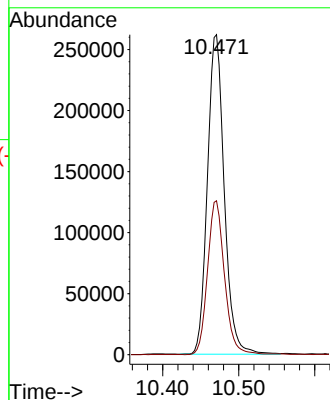
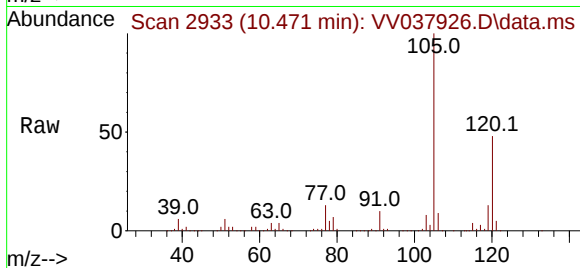
ClientSampleId :

Tgt Ion:105 Resp: 402891

Ion Ratio Lower Upper

105 100

120 48.6 39.0 58.6



#63

1,2,4-Trimethylbenzene

Concen: 5.143 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037926.D

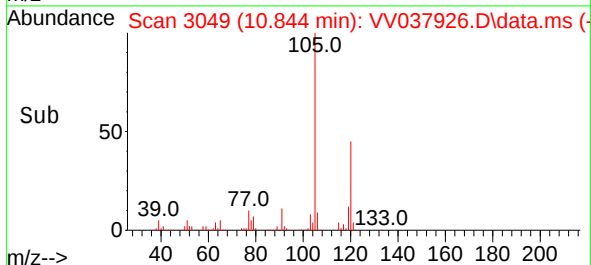
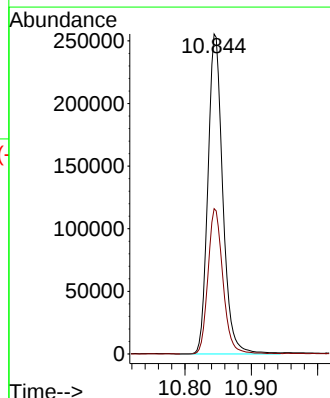
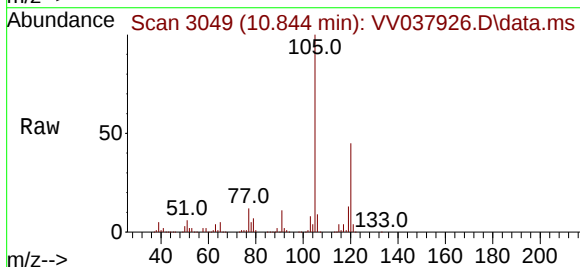
Acq: 06 Nov 2024 13:02

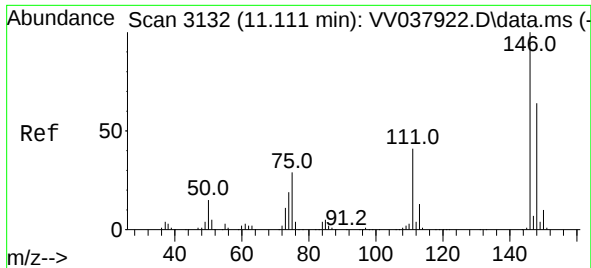
Tgt Ion:105 Resp: 397303

Ion Ratio Lower Upper

105 100

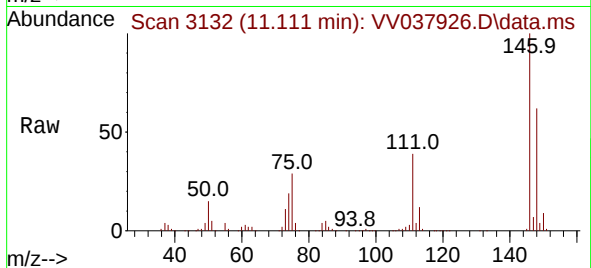
120 45.8 36.2 54.4



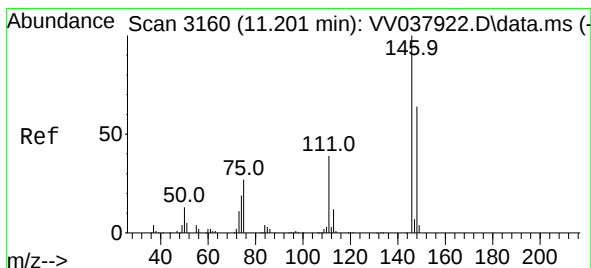
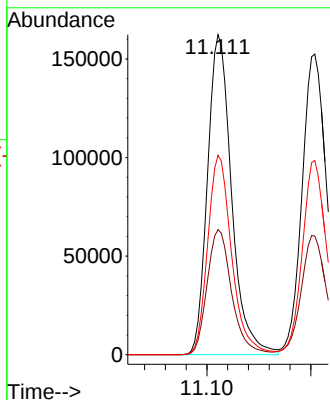
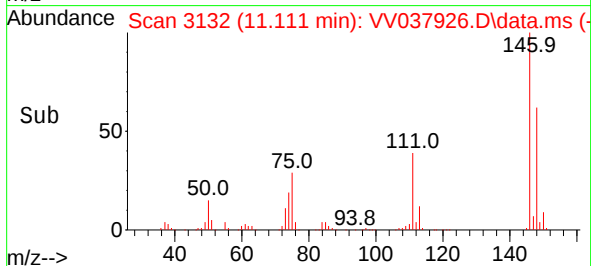


#64
1,3-Dichlorobenzene
Concen: 5.180 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

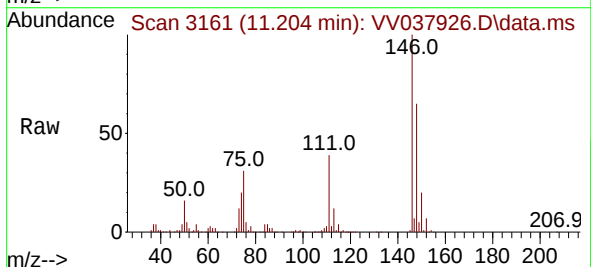
Instrument :
MSVOA_V
ClientSampleId :



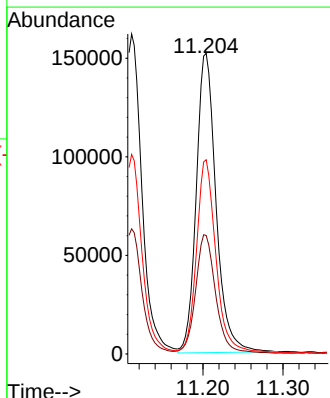
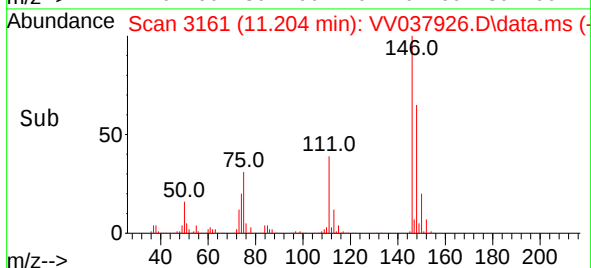
Tgt Ion:146 Resp: 261197
Ion Ratio Lower Upper
146 100
111 39.1 28.7 53.3
148 62.4 44.6 82.8

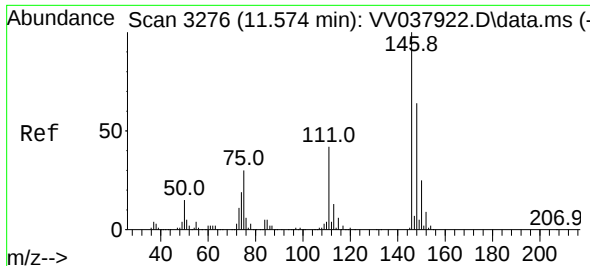


#65
1,4-Dichlorobenzene
Concen: 5.033 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02



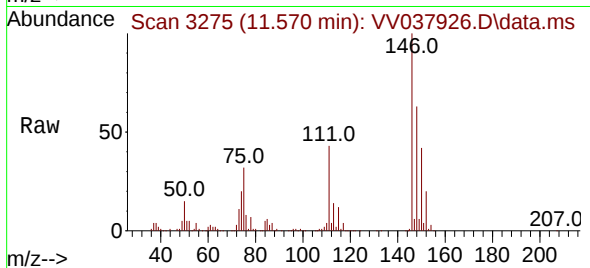
Tgt Ion:146 Resp: 262045
Ion Ratio Lower Upper
146 100
111 39.4 27.6 51.2
148 64.6 44.4 82.4



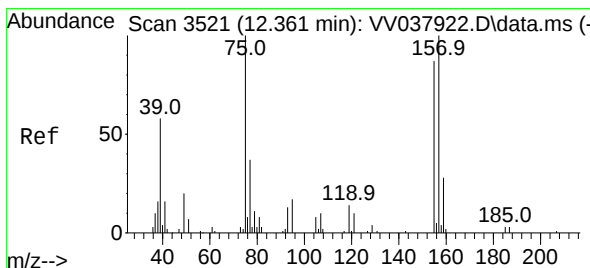
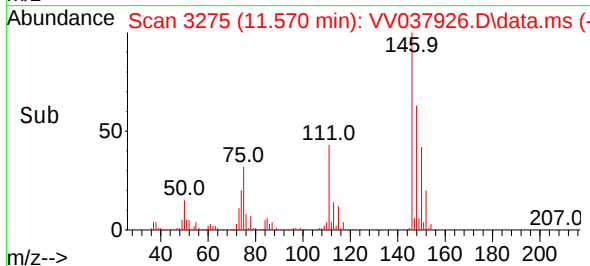
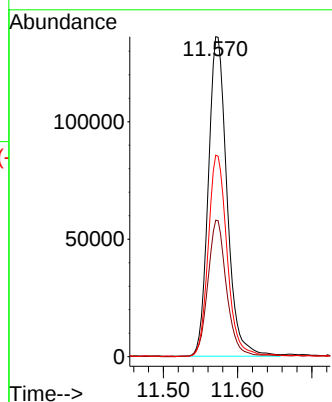


#67
1,2-Dichlorobenzene
Concen: 5.086 ug/L
RT: 11.570 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

Instrument :
MSVOA_V
ClientSampleId :

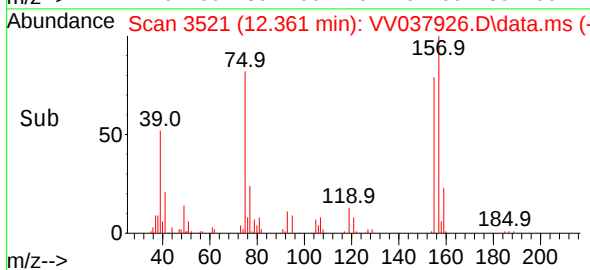
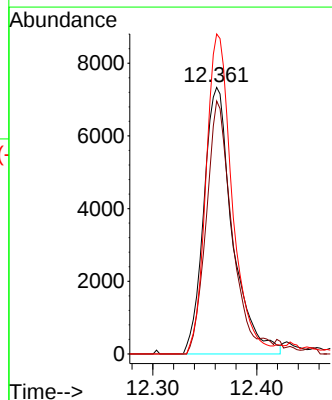
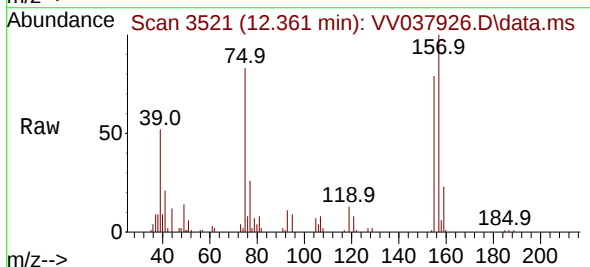


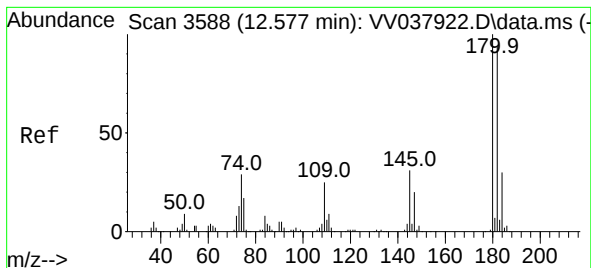
Tgt Ion:146 Resp: 237117
Ion Ratio Lower Upper
146 100
111 42.7 33.9 50.9
148 62.9 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.839 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV037926.D
Acq: 06 Nov 2024 13:02

Tgt Ion: 75 Resp: 14040
Ion Ratio Lower Upper
75 100
155 94.9 70.2 105.2
157 120.0 80.2 120.4





#69

1,3,5-Trichlorobenzene

Concen: 4.912 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

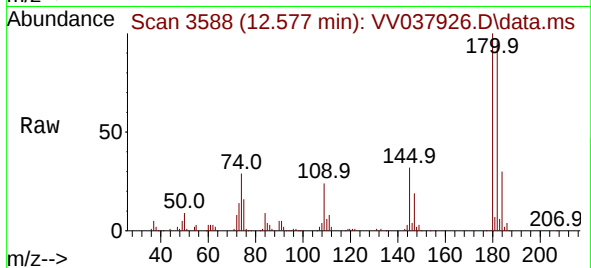
Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 174820

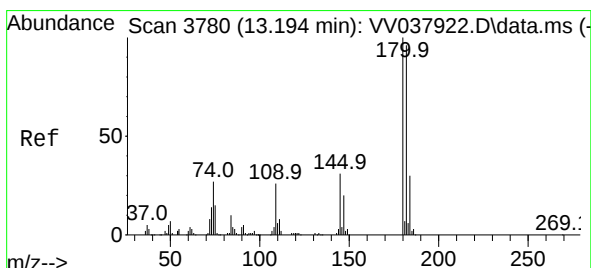
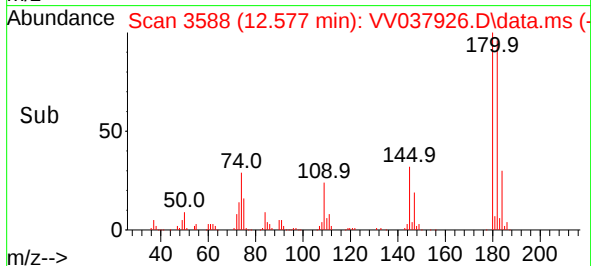
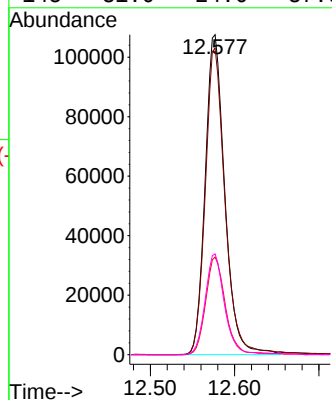
Ion Ratio Lower Upper

180 100

182 97.1 76.2 114.4

184 30.7 24.1 36.1

145 31.0 24.6 37.0



#70

1,2,4-trichlorobenzene

Concen: 5.080 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

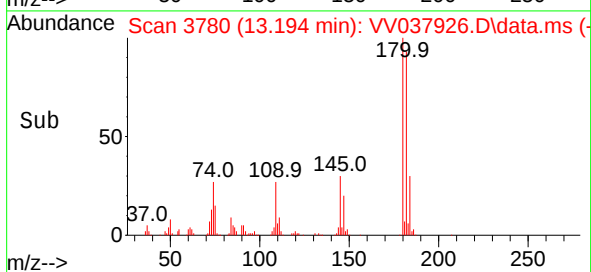
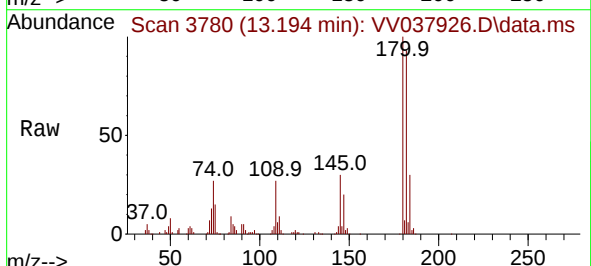
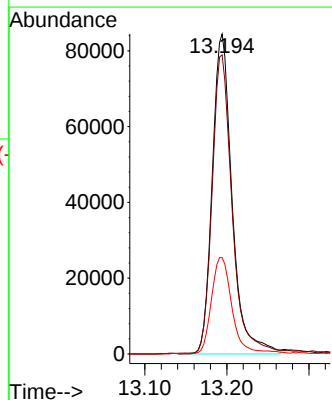
Tgt Ion:180 Resp: 141957

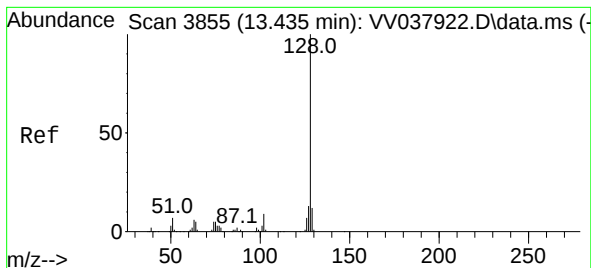
Ion Ratio Lower Upper

180 100

182 93.2 74.8 112.2

145 31.5 25.4 38.0





#71

Naphthalene

Concen: 5.185 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Instrument :

MSVOA_V

ClientSampleId :

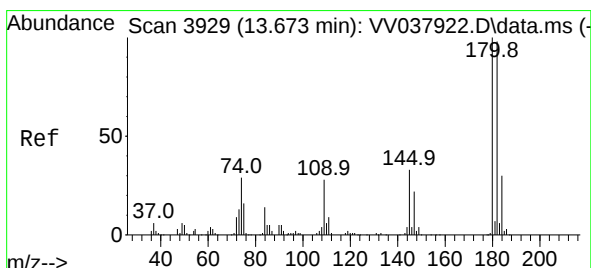
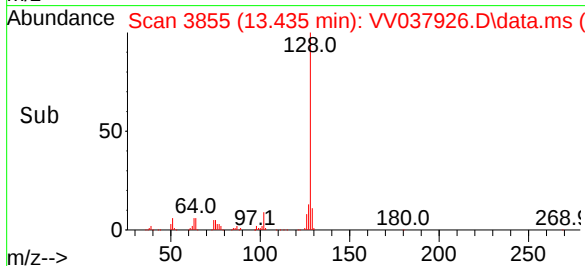
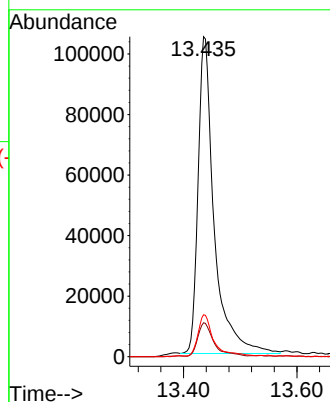
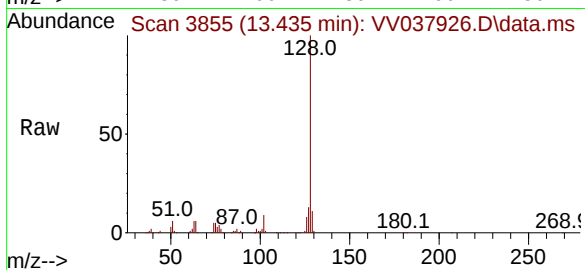
Tgt Ion:128 Resp: 205629

Ion Ratio Lower Upper

128 100

129 10.6 8.3 12.5

127 12.4 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 5.207 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037926.D

Acq: 06 Nov 2024 13:02

Tgt Ion:180 Resp: 125436

Ion Ratio Lower Upper

180 100

182 91.2 79.4 119.0

145 33.3 26.6 40.0

