

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
 Data File : VV037927.D
 Acq On : 06 Nov 2024 14:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 06 22:39:06 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	5.526	114	356180	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	346420	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	186717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	124633	4.572	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.529	69	99924	4.497	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.053	65	54918	4.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	3.802	46	237842	46.807	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.620%
24) Chloroform-d	4.236	84	235292	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.934	65	103475	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	4.950	84	455728	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	5.979	67	128717	4.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.236	98	425730	5.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	7.551	79	48527	4.810	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.021	63	212428	54.188	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.380%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	101598	4.830	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	157475	5.113	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	179904	5.060	ug/L	99
3) Chloromethane	1.214	50	161170	4.818	ug/L	98
5) Vinyl chloride	1.282	62	164800	4.950	ug/L	98
6) Bromomethane	1.487	94	99443	5.280	ug/L	95
8) Chloroethane	1.548	64	96861	4.890	ug/L	99
9) Trichlorofluoromethane	1.709	101	229837	4.969	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	130478	4.929	ug/L	99
12) 1,1-Dichloroethene	2.063	96	121625	4.999	ug/L	97
13) Acetone	2.137	43	174738	48.445	ug/L	98
14) Carbon disulfide	2.236	76	411337	4.983	ug/L	100
15) Methyl Acetate	2.384	43	41561	4.868	ug/L	98
16) Methylene chloride	2.442	84	135638	4.776	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	275086	5.056	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	133410	5.077	ug/L	97
19) 1,1-Dichloroethane	3.105	63	236470	4.953	ug/L	99
21) 2-Butanone	3.883	43	244007	45.519	ug/L	97
22) cis-1,2-Dichloroethene	3.806	96	136616	4.934	ug/L	99
23) Bromochloromethane	4.140	128	61312	4.904	ug/L	96
25) Chloroform	4.265	83	245736	4.900	ug/L	100

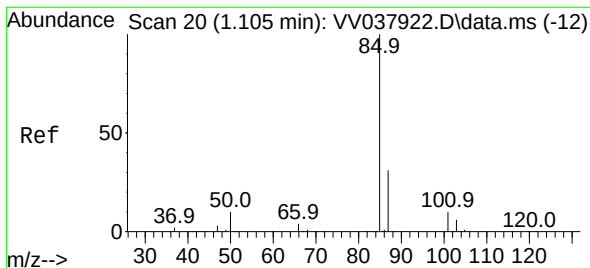
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	136397	4.909	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	215235	5.197	ug/L	100
30) Cyclohexane	4.571	56	206179	5.611	ug/L	98
31) Carbon tetrachloride	4.725	117	194782	5.360	ug/L	100
33) Benzene	4.998	78	513463	5.394	ug/L	100
34) Trichloroethene	5.825	95	145292	5.512	ug/L	96
35) Methylcyclohexane	6.040	83	220256	5.606	ug/L	98
37) 1,2-Dichloropropane	6.085	63	122913	5.166	ug/L	100
38) Bromodichloromethane	6.426	83	163548	5.181	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	182560	5.311	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	654519	54.665	ug/L	100
42) Toluene	7.307	91	565745	5.616	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	153883	5.429	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	95380	5.296	ug/L	99
47) Tetrachloroethene	7.895	164	112334	5.482	ug/L	97
48) 2-Hexanone	8.069	43	470972	55.609	ug/L	96
49) Dibromochloromethane	8.169	129	103490	5.027	ug/L	97
50) 1,2-Dibromoethane	8.275	107	88995	5.295	ug/L	98
51) Chlorobenzene	8.805	112	366306	5.317	ug/L	99
52) Ethylbenzene	8.937	91	608012	5.604	ug/L	99
53) m,p-Xylene	9.066	106	235449	5.689	ug/L	98
54) o-Xylene	9.471	106	225451	5.724	ug/L	98
55) Styrene	9.490	104	393605	5.802	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	108092	5.170	ug/L	99
59) Bromoform	9.661	173	55211	5.074	ug/L	98
60) Isopropylbenzene	9.860	105	609072	5.598	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	76475	5.238	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	479843	5.609	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	480282	5.690	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	300235	5.450	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	305515	5.370	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	274884	5.396	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	15206	4.797	ug/L	92
69) 1,3,5-Trichlorobenzene	12.574	180	212500	5.465	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	174509	5.716	ug/L	99
71) Naphthalene	13.435	128	238232	5.498	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	148654	5.648	ug/L	97

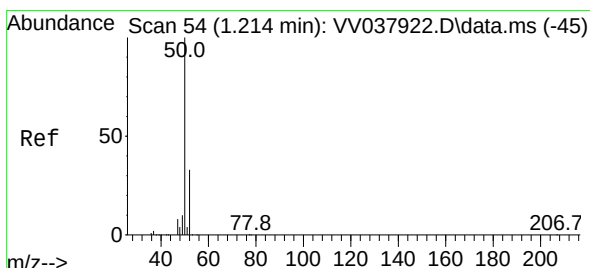
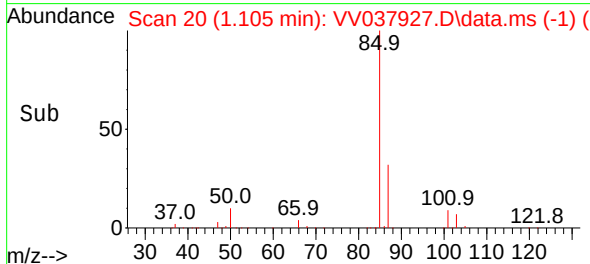
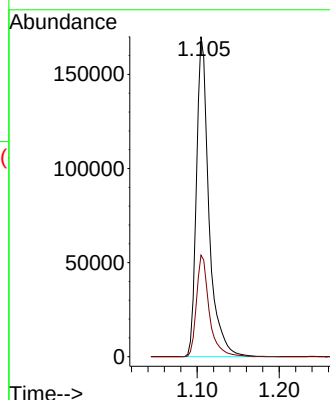
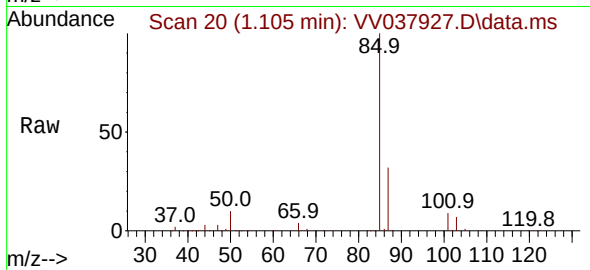
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#2
 Dichlorodifluoromethane
 Concen: 5.060 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037927.D
 Acq: 06 Nov 2024 14:11

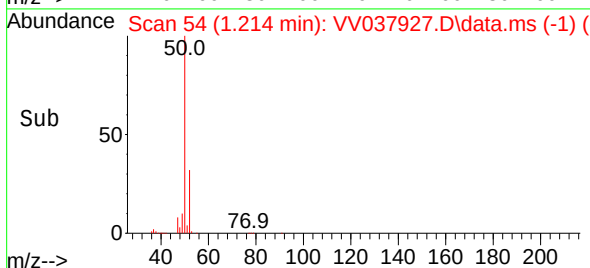
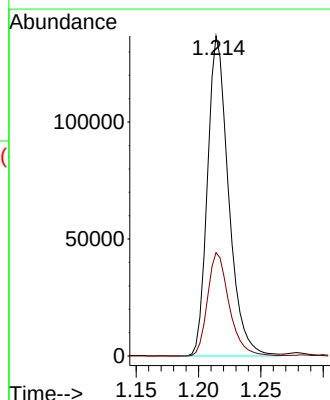
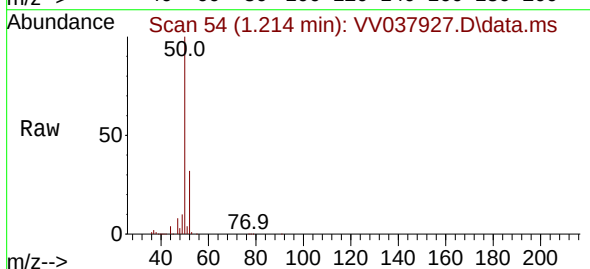
Instrument :
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 ClientSampleId :

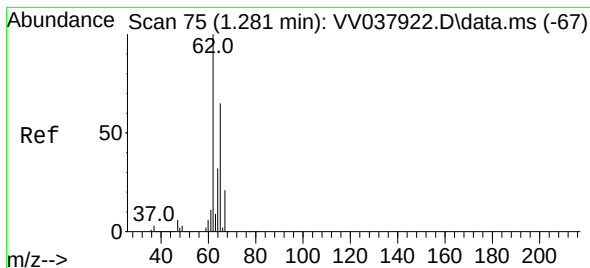
Tgt Ion: 85 Resp: 179904
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.4 38.0



#3
 Chloromethane
 Concen: 4.818 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037927.D
 Acq: 06 Nov 2024 14:11

Tgt Ion: 50 Resp: 161170
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.4 43.4





#5

Vinyl chloride

Concen: 4.950 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Instrument :

MSVOA_V

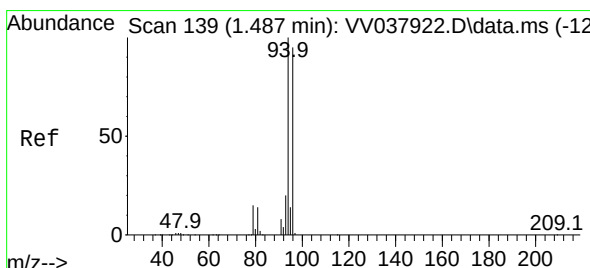
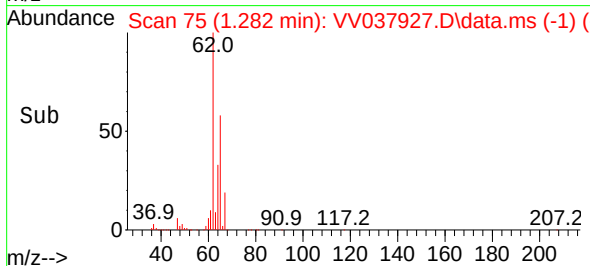
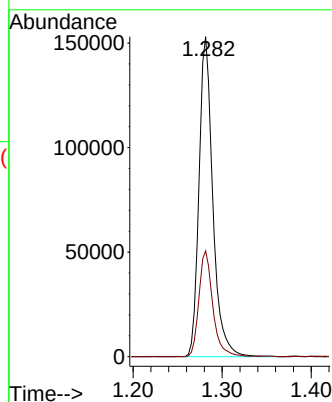
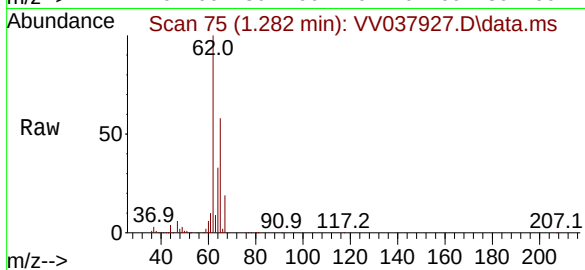
ClientSampleId :

Tgt Ion: 62 Resp: 164800

Ion Ratio Lower Upper

62 100

64 33.1 22.4 41.6



#6

Bromomethane

Concen: 5.280 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV037927.D

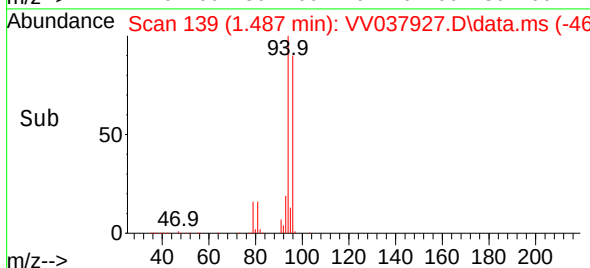
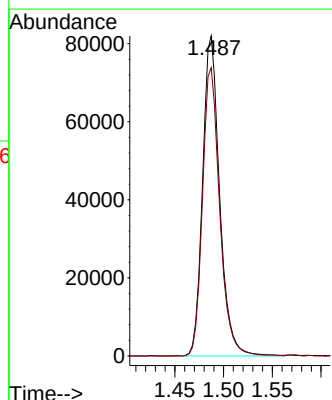
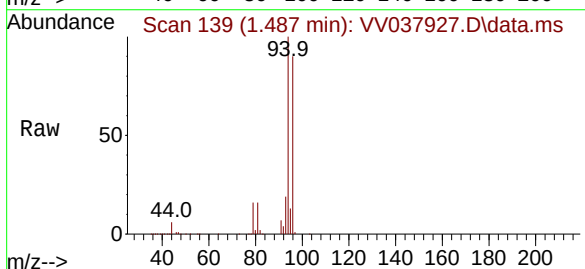
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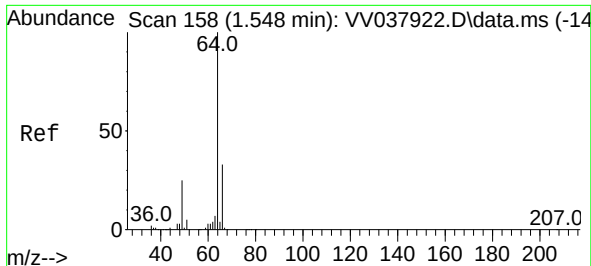
Tgt Ion: 94 Resp: 99443

Ion Ratio Lower Upper

94 100

96 90.0 66.3 123.1

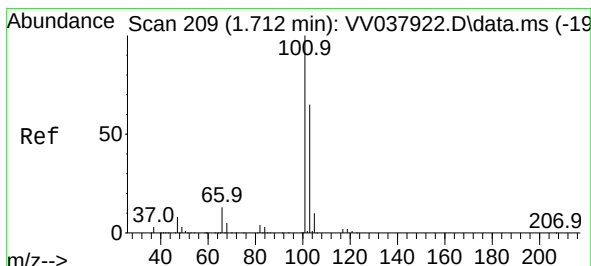
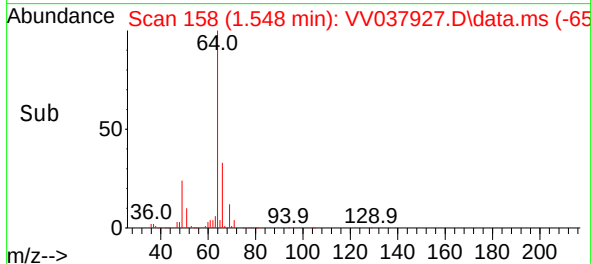
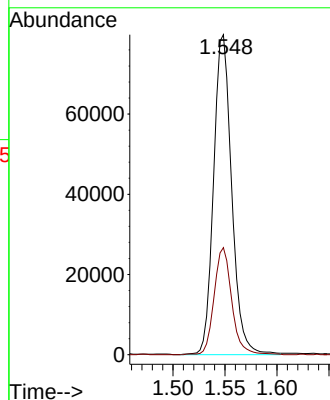
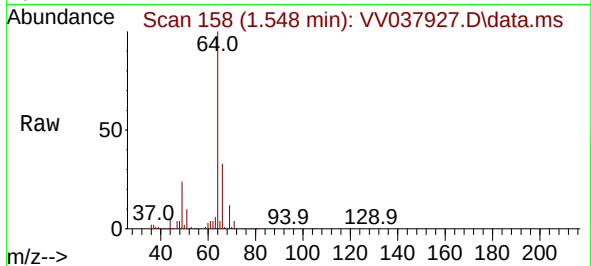




#8
Chloroethane
Concen: 4.890 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

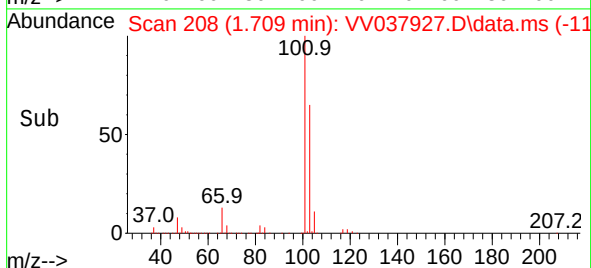
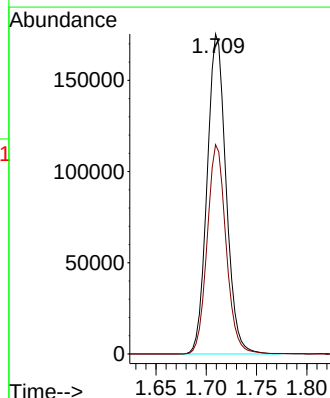
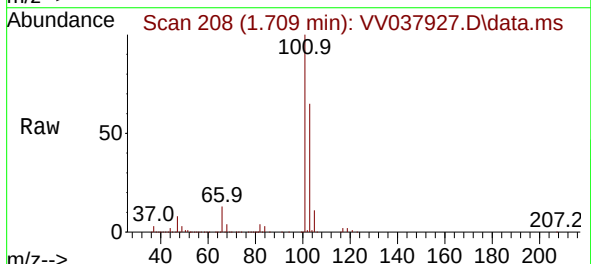
Instrument :
MSVOA_V
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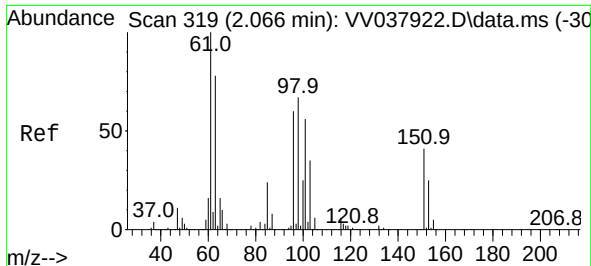
Tgt Ion: 64 Resp: 96861
Ion Ratio Lower Upper
64 100
66 33.4 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.969 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

Tgt Ion:101 Resp: 229837
Ion Ratio Lower Upper
101 100
103 65.3 51.7 77.5

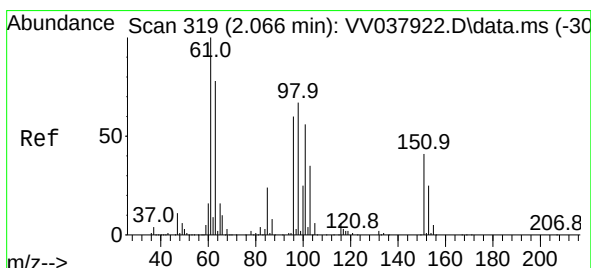
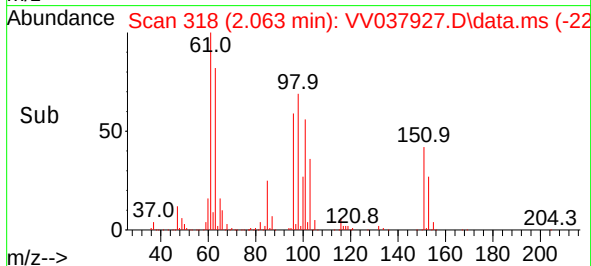
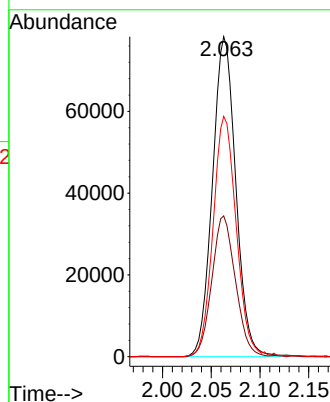
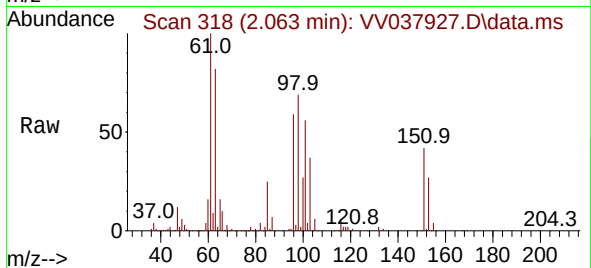




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.929 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

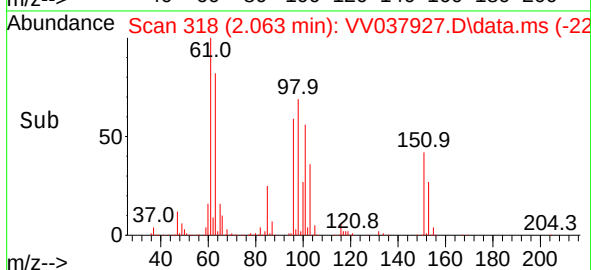
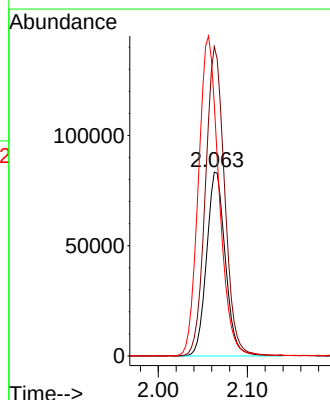
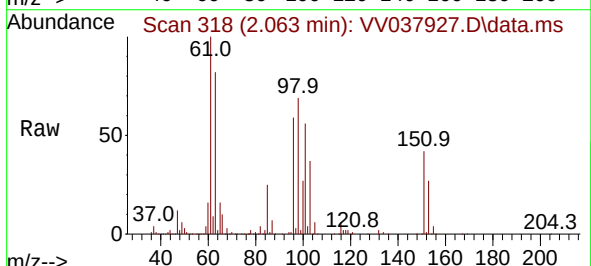
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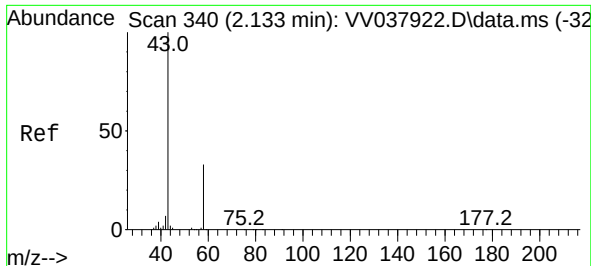
Tgt Ion:101 Resp: 130478
Ion Ratio Lower Upper
101 100
85 44.4 35.0 52.6
151 74.5 59.2 88.8



#12
1,1-Dichloroethene
Concen: 4.999 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

Tgt Ion: 96 Resp: 121625
Ion Ratio Lower Upper
96 100
61 168.2 117.4 218.0
63 137.1 91.7 170.3





#13

Acetone

Concen: 48.445 ug/L

RT: 2.137 min Scan# 340

Delta R.T. 0.003 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Instrument :

MSVOA_V

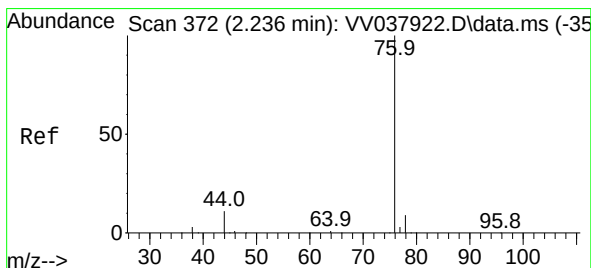
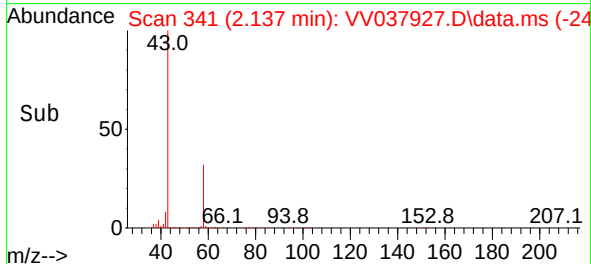
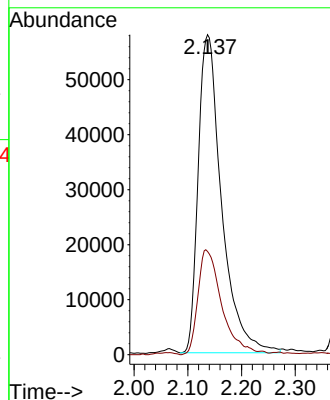
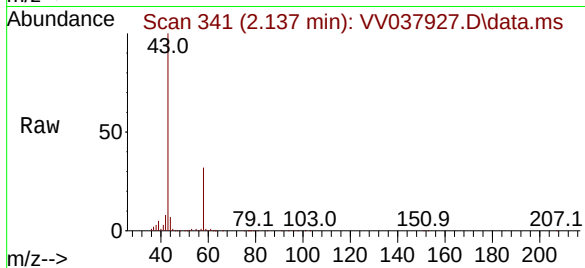
ClientSampleId :

Tgt Ion: 43 Resp: 174738

Ion Ratio Lower Upper

43 100

58 33.4 0.0 64.6



#14

Carbon disulfide

Concen: 4.983 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV037927.D

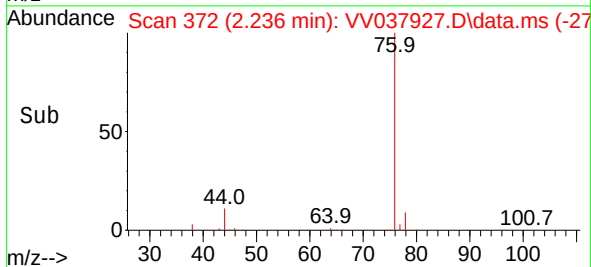
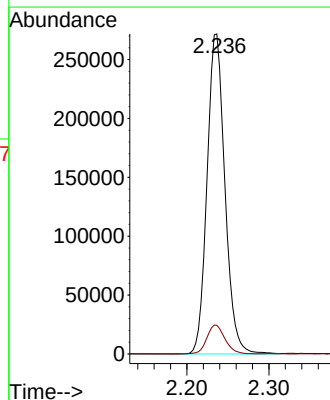
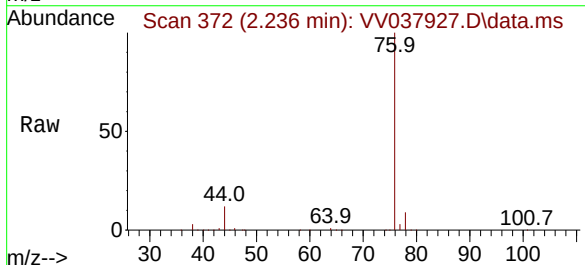
Acq: 06 Nov 2024 14:11

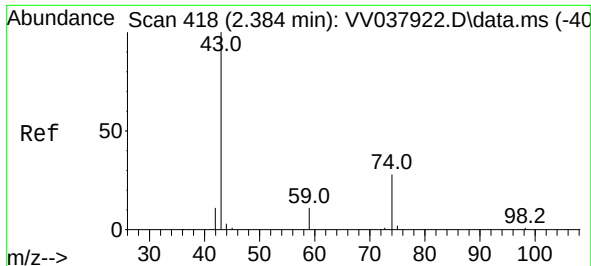
Tgt Ion: 76 Resp: 411337

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#15

Methyl Acetate

Concen: 4.868 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.000 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Instrument :

MSVOA_V

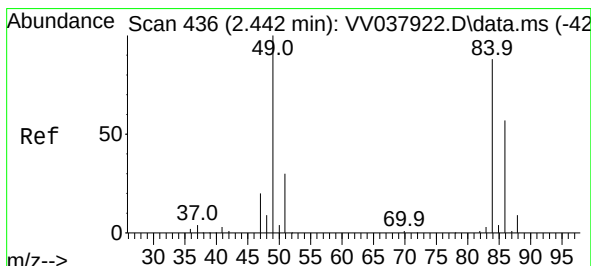
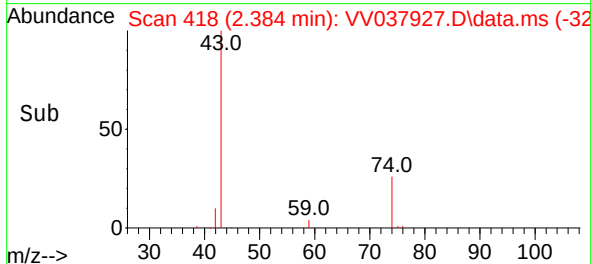
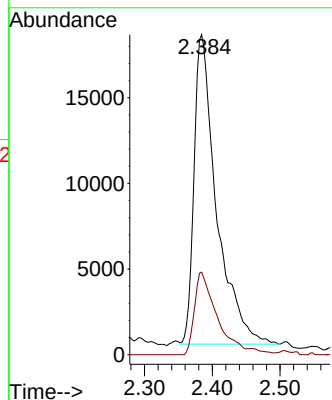
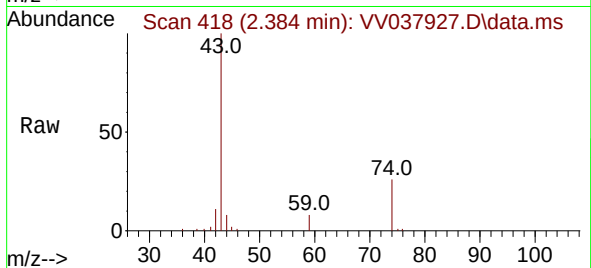
ClientSampleId :

Tgt Ion: 43 Resp: 41561

Ion Ratio Lower Upper

43 100

74 26.3 21.8 32.8



#16

Methylene chloride

Concen: 4.776 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

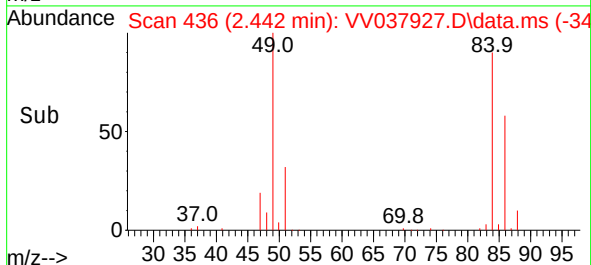
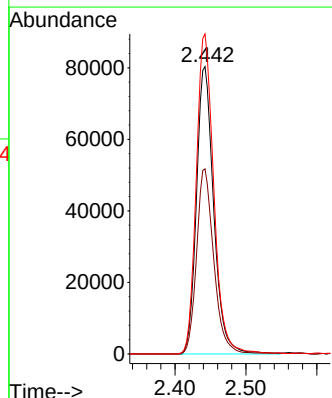
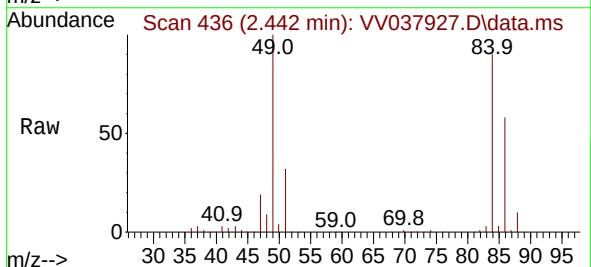
Tgt Ion: 84 Resp: 135638

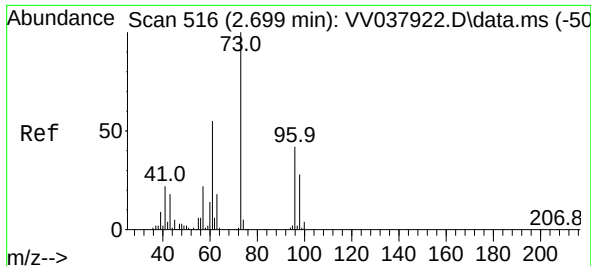
Ion Ratio Lower Upper

84 100

86 64.4 45.0 83.6

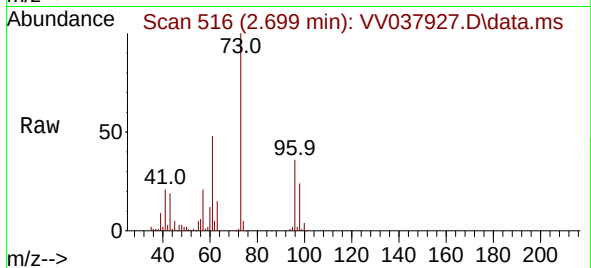
49 111.4 79.2 147.2



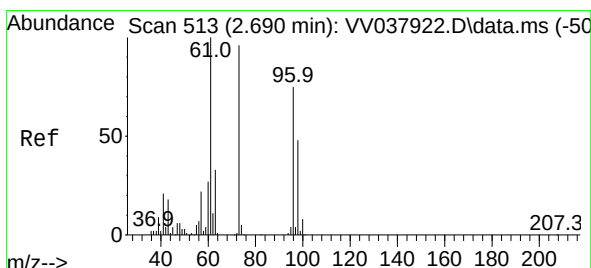
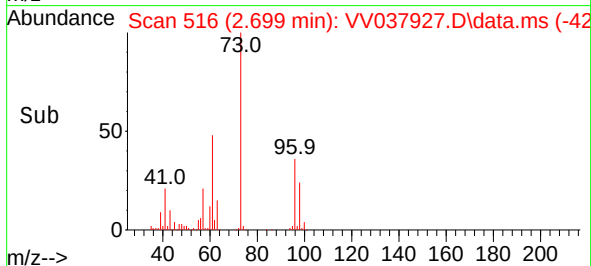
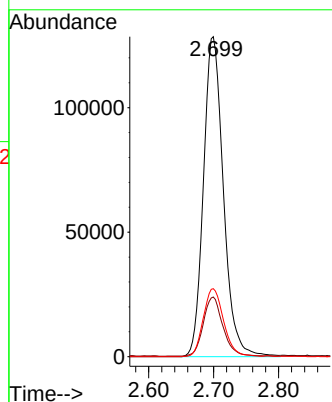


#17
Methyl tert-butyl Ether
Concen: 5.056 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

Instrument :
MSVOA_V
ClientSampleId :

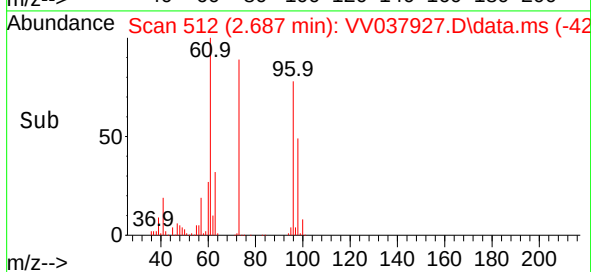
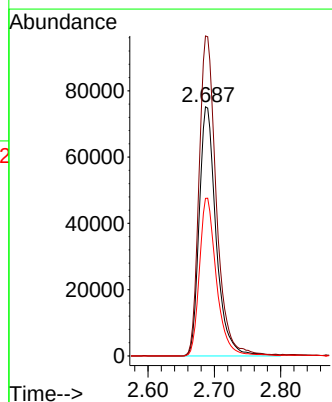
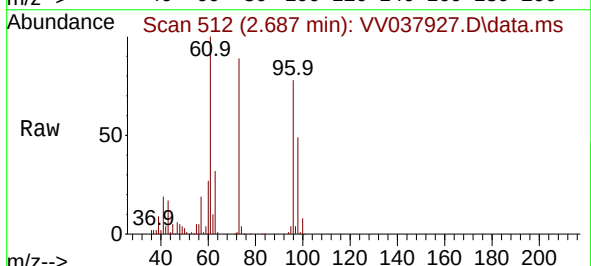


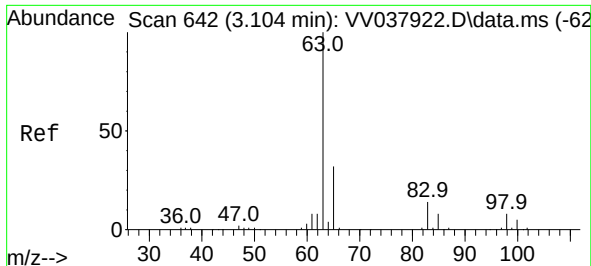
Tgt Ion: 73 Resp: 275086
Ion Ratio Lower Upper
73 100
43 18.0 14.4 21.6
57 21.7 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 5.077 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.003 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

Tgt Ion: 96 Resp: 133410
Ion Ratio Lower Upper
96 100
61 128.5 93.2 173.0
98 63.3 44.4 82.4

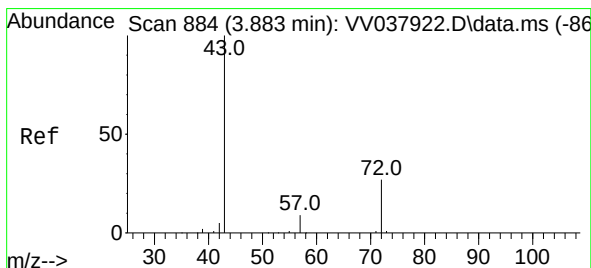
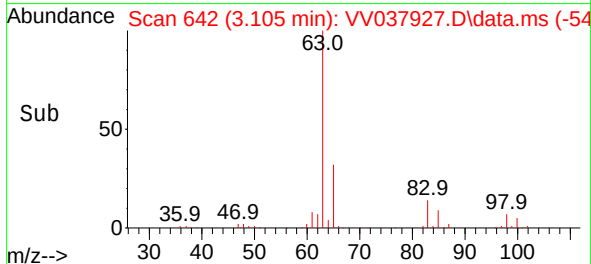
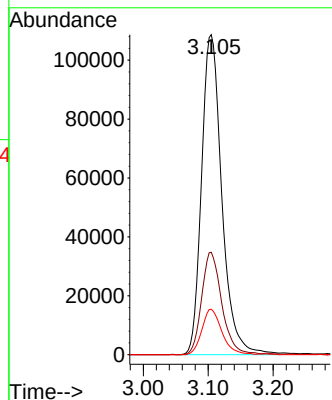
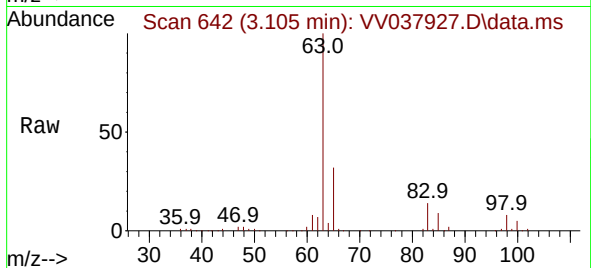




#19
1,1-Dichloroethane
Concen: 4.953 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

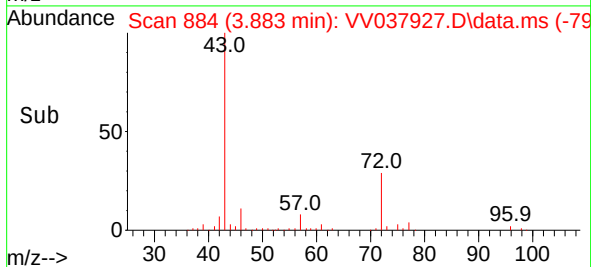
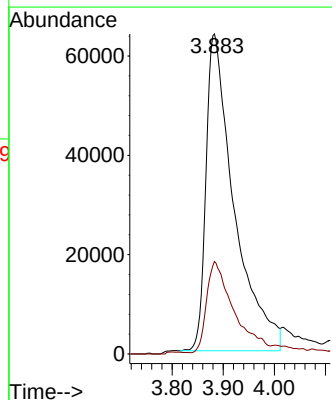
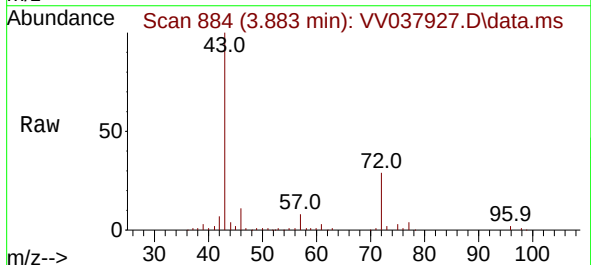
Instrument :
MSVOA_V
ClientSampleId :

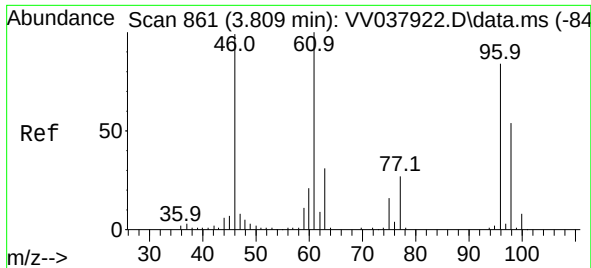
Tgt Ion: 63 Resp: 236470
Ion Ratio Lower Upper
63 100
65 32.0 22.3 41.3
83 14.2 9.5 17.7



#21
2-Butanone
Concen: 45.519 ug/L
RT: 3.883 min Scan# 884
Delta R.T. 0.000 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

Tgt Ion: 43 Resp: 244007
Ion Ratio Lower Upper
43 100
72 27.7 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 4.934 ug/L

RT: 3.806 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Instrument :

MSVOA_V

ClientSampleId :

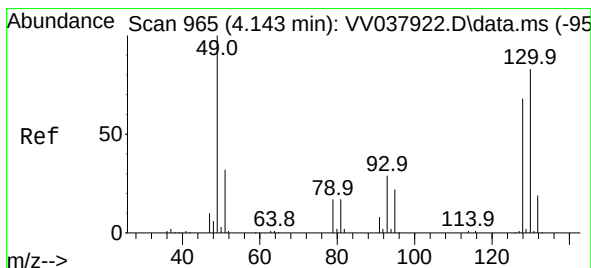
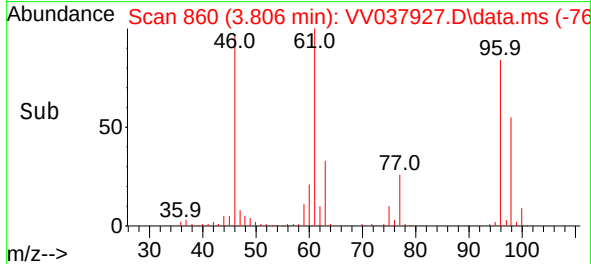
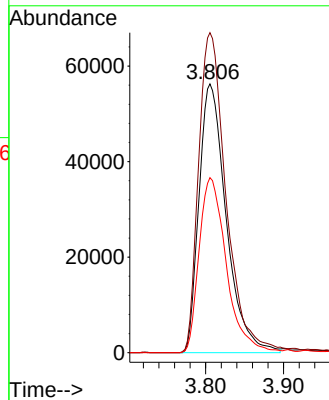
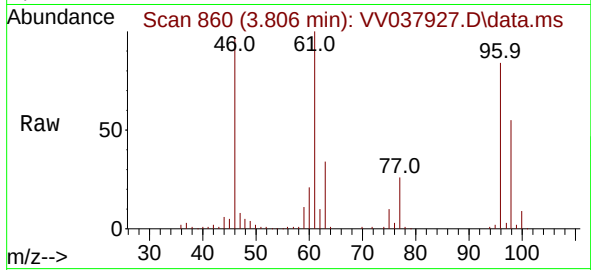
Tgt Ion: 96 Resp: 136616

Ion Ratio Lower Upper

96 100

61 119.0 83.4 154.8

98 65.1 44.6 82.8



#23

Bromochloromethane

Concen: 4.904 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Tgt Ion:128 Resp: 61312

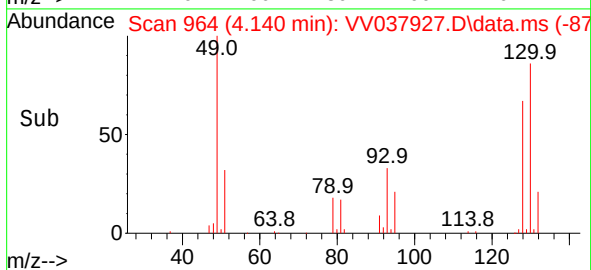
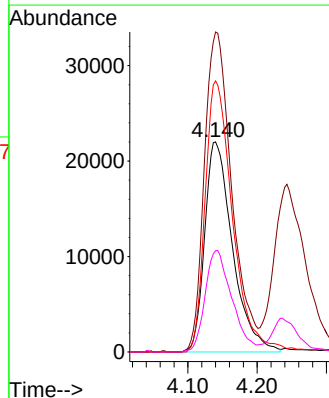
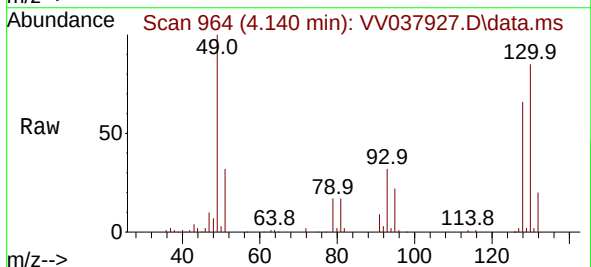
Ion Ratio Lower Upper

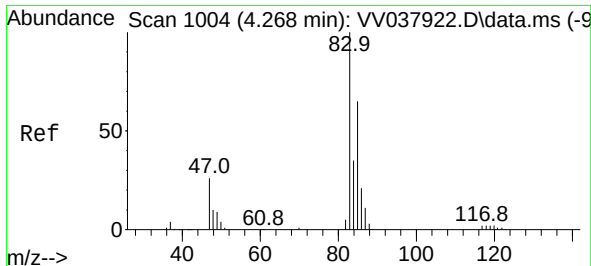
128 100

49 152.3 103.0 191.4

130 129.0 85.9 159.5

51 48.2 37.5 56.3





#25

Chloroform

Concen: 4.900 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Instrument :

MSVOA_V

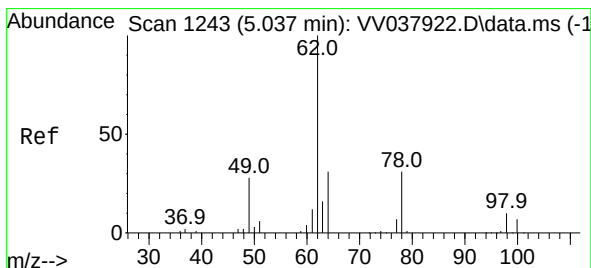
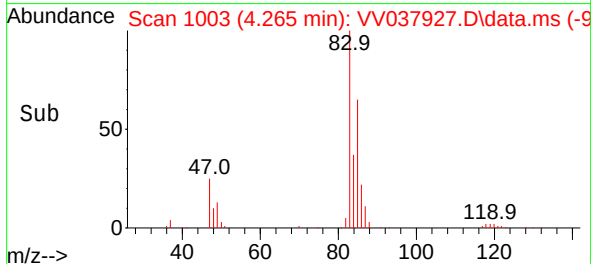
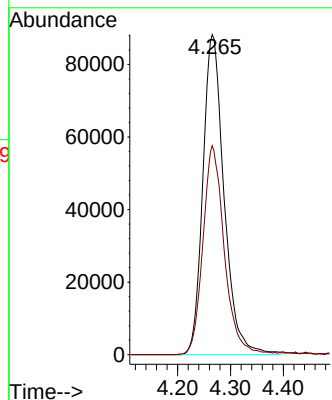
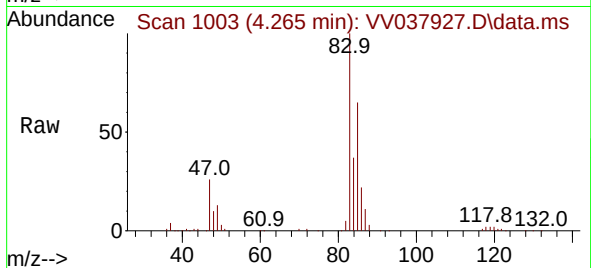
ClientSampleId :

Tgt Ion: 83 Resp: 245736

Ion Ratio Lower Upper

83 100

85 65.3 45.5 84.5



#27

1,2-Dichloroethane

Concen: 4.909 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV037927.D

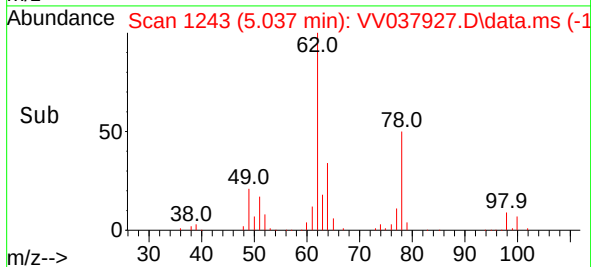
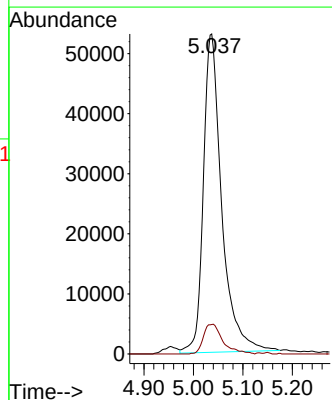
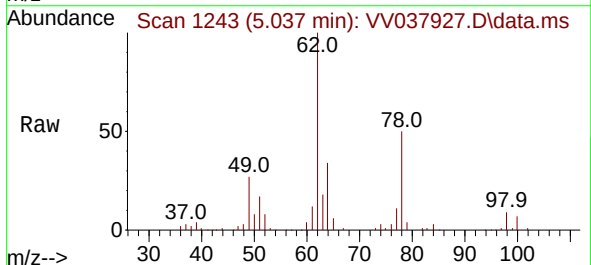
Acq: 06 Nov 2024 14:11

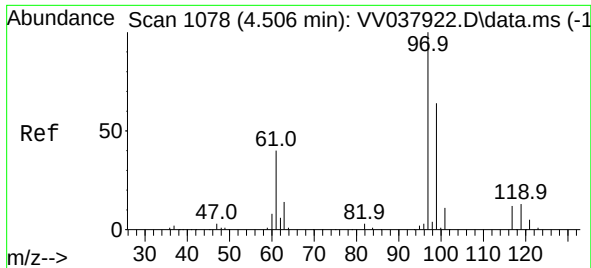
Tgt Ion: 62 Resp: 136397

Ion Ratio Lower Upper

62 100

98 9.2 8.1 12.1

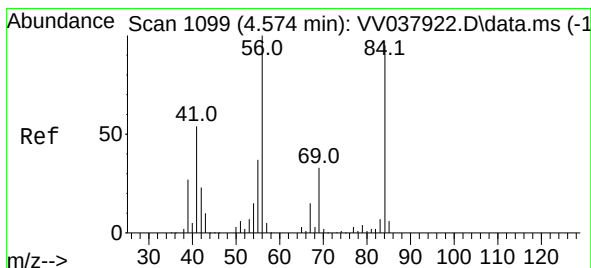
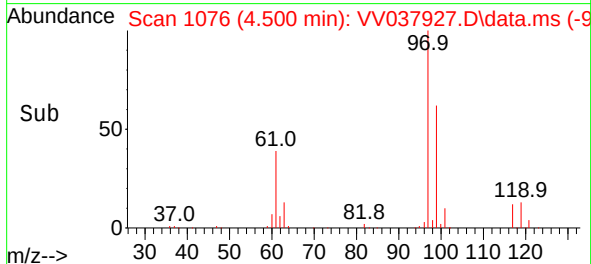
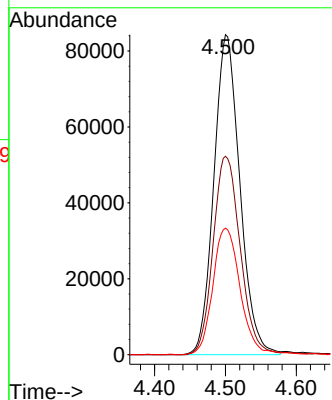
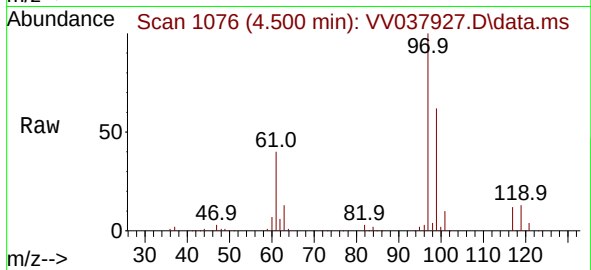




#29
1,1,1-Trichloroethane
Concen: 5.197 ug/L
RT: 4.500 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

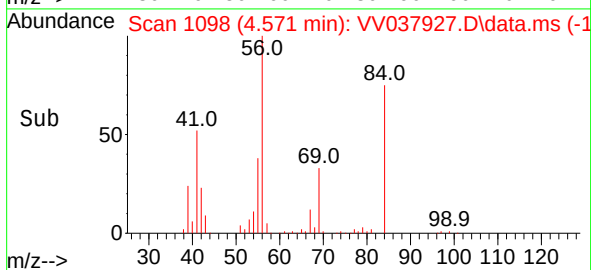
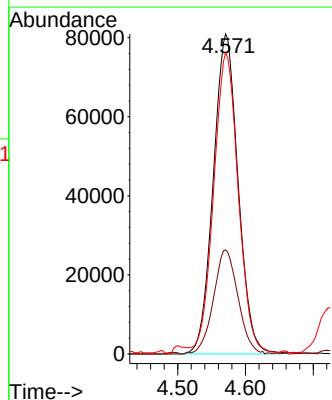
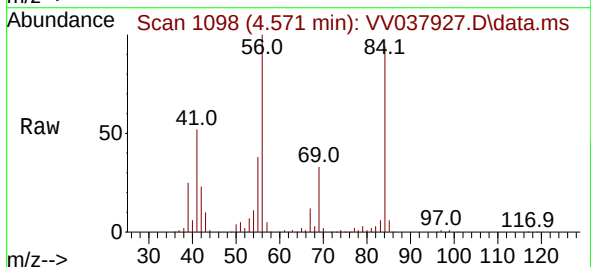
Instrument :
MSVOA_V
ClientSampleId :

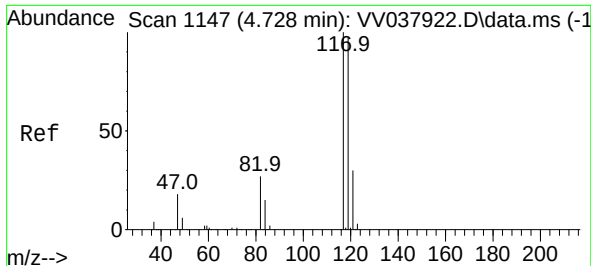
Tgt Ion: 97 Resp: 215235
Ion Ratio Lower Upper
97 100
99 64.6 52.1 78.1
61 41.7 33.3 49.9



#30
Cyclohexane
Concen: 5.611 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

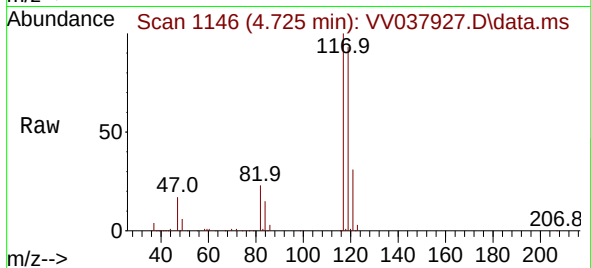
Tgt Ion: 56 Resp: 206179
Ion Ratio Lower Upper
56 100
69 32.2 25.5 38.3
84 91.9 75.2 112.8



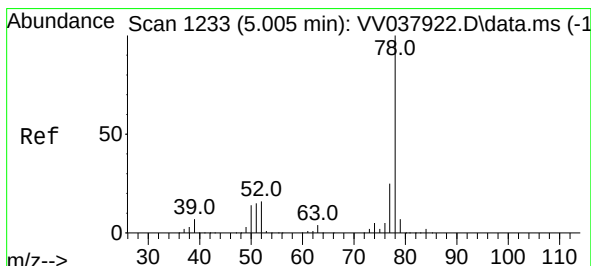
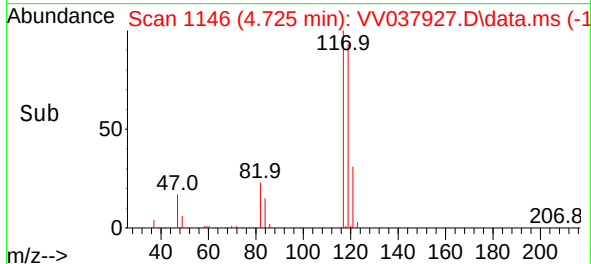
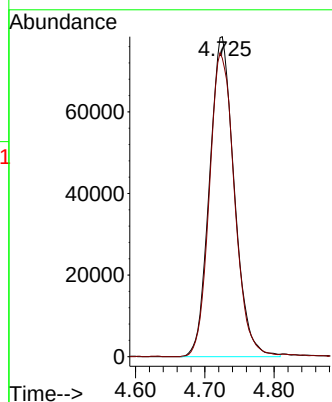


#31
Carbon tetrachloride
Concen: 5.360 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.003 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

Instrument :
MSVOA_V
ClientSampleId :

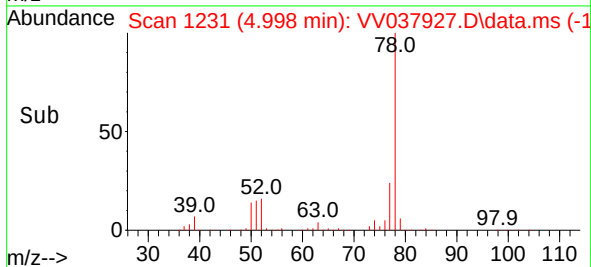
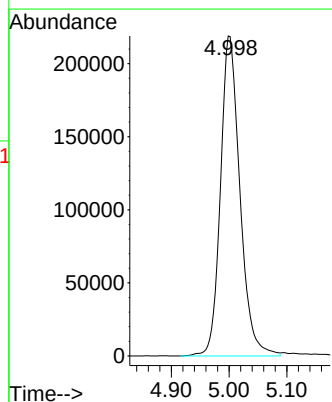
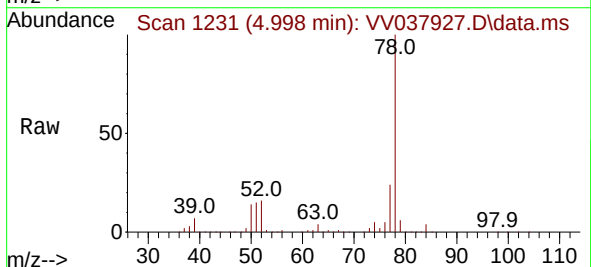


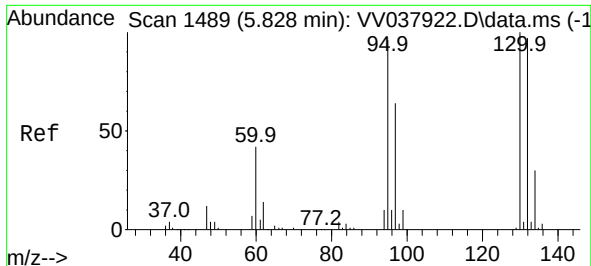
Tgt Ion:117 Resp: 194782
Ion Ratio Lower Upper
117 100
119 96.1 77.2 115.8



#33
Benzene
Concen: 5.394 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

Tgt Ion: 78 Resp: 513463





#34

Trichloroethene

Concen: 5.512 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 145292

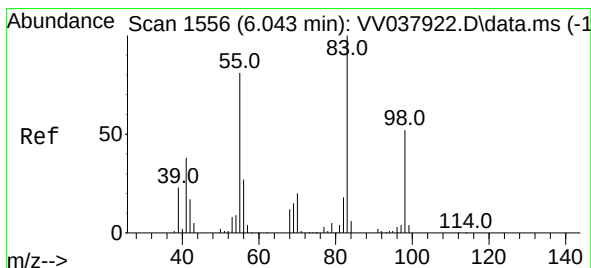
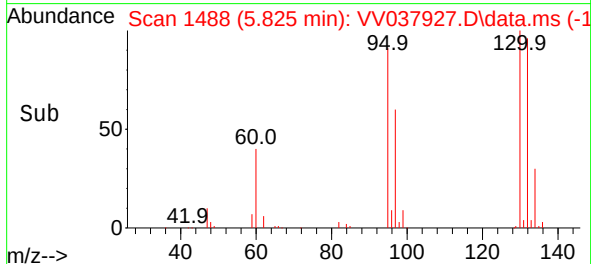
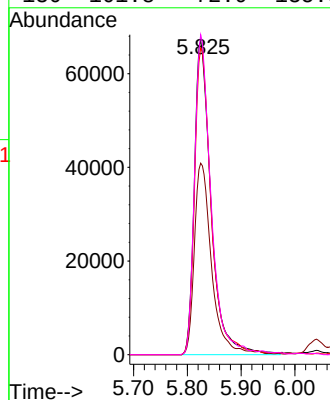
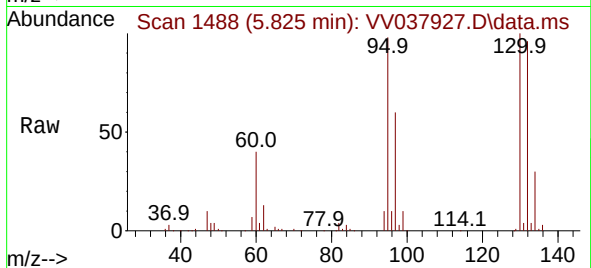
Ion Ratio Lower Upper

95 100

97 60.9 46.9 87.1

132 97.6 70.5 130.9

130 101.8 72.9 135.3



#35

Methylcyclohexane

Concen: 5.606 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.003 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

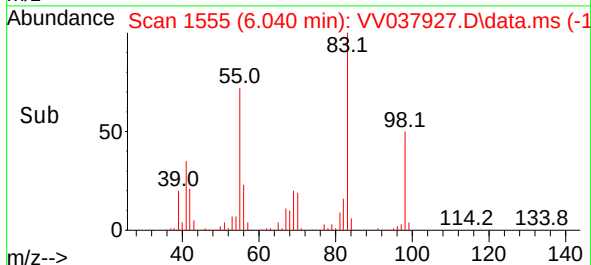
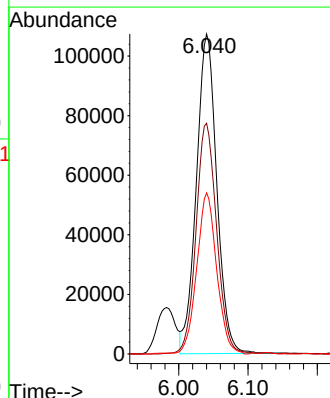
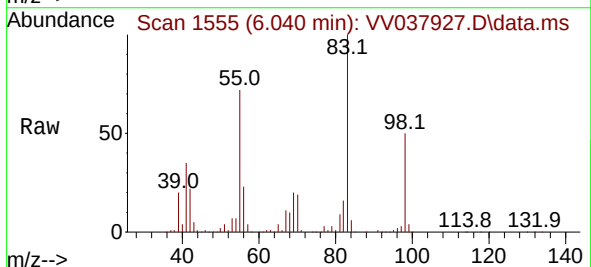
Tgt Ion: 83 Resp: 220256

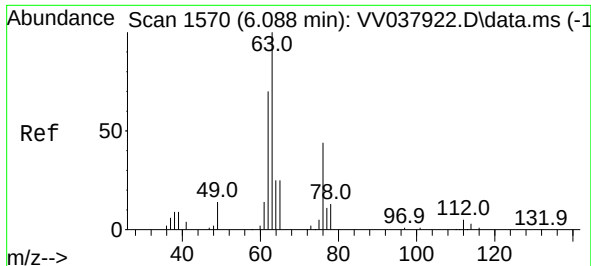
Ion Ratio Lower Upper

83 100

55 72.9 59.3 88.9

98 49.3 38.3 57.5

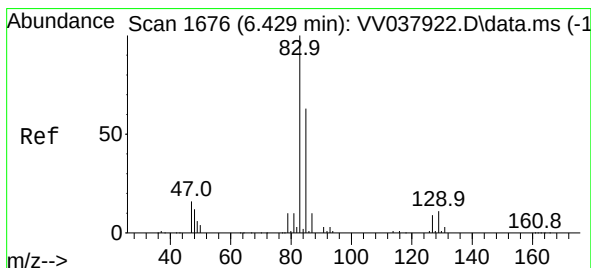
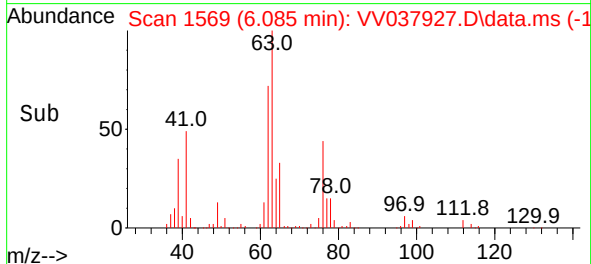
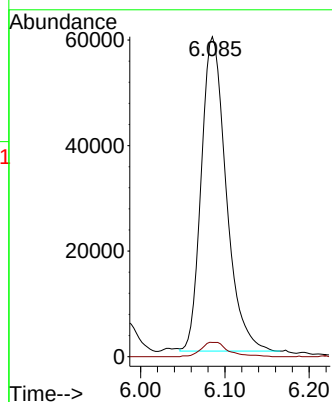
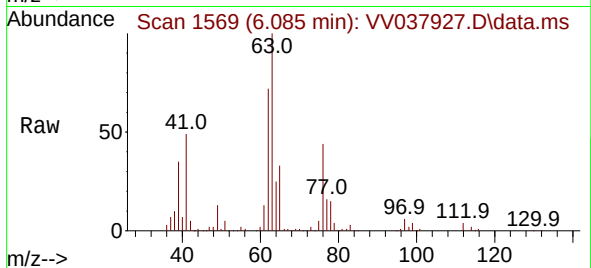




#37
1,2-Dichloropropane
Concen: 5.166 ug/L
RT: 6.085 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

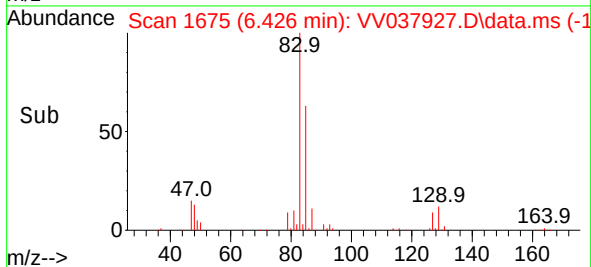
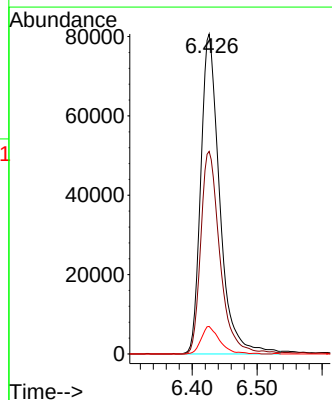
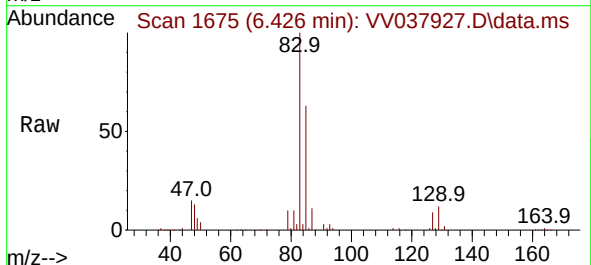
Instrument :
MSVOA_V
ClientSampleId :

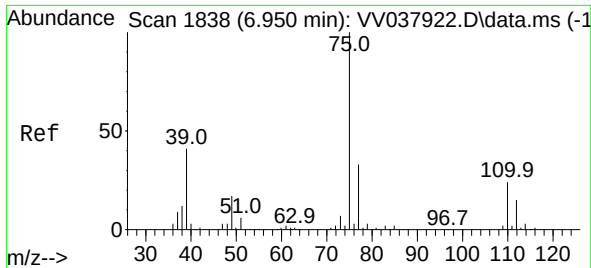
Tgt Ion: 63 Resp: 122913
Ion Ratio Lower Upper
63 100
112 5.0 4.1 6.1



#38
Bromodichloromethane
Concen: 5.181 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

Tgt Ion: 83 Resp: 163548
Ion Ratio Lower Upper
83 100
85 63.3 44.2 82.2
127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.311 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.003 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Instrument :

MSVOA_V

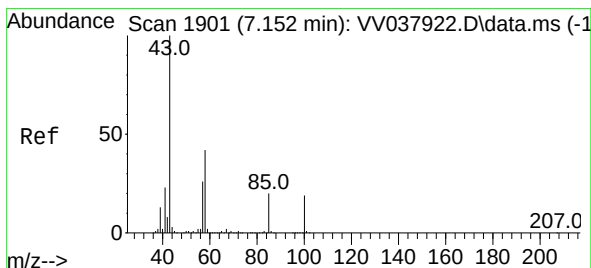
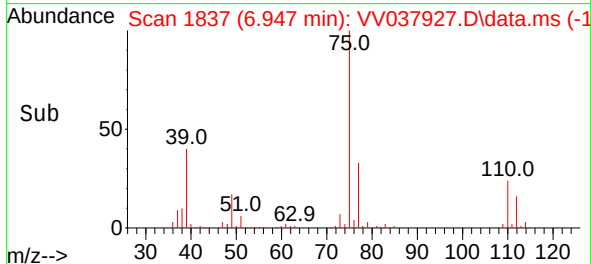
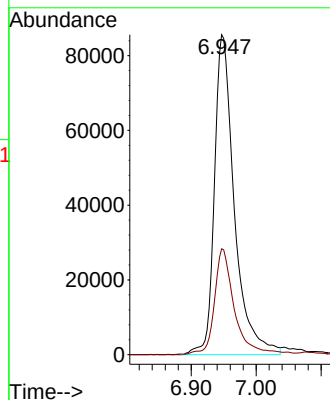
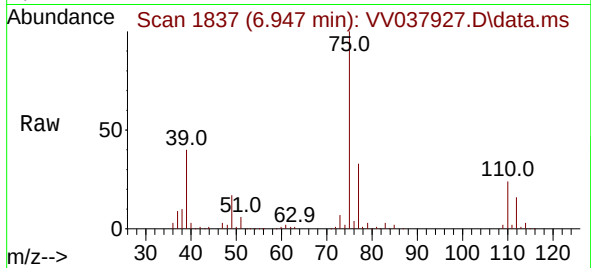
ClientSampleId :

Tgt Ion: 75 Resp: 182560

Ion Ratio Lower Upper

75 100

77 33.1 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 54.665 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. -0.003 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

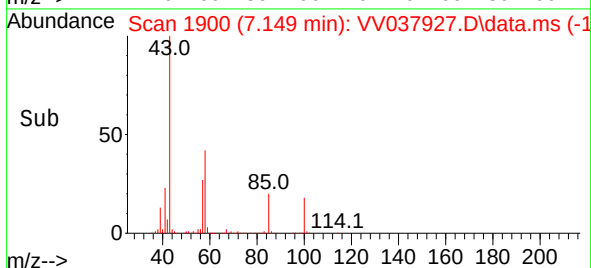
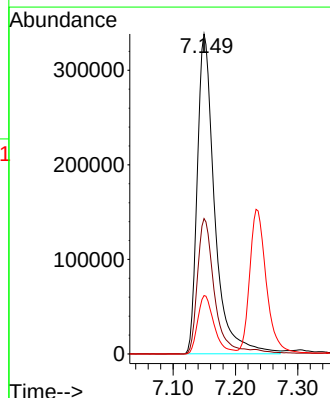
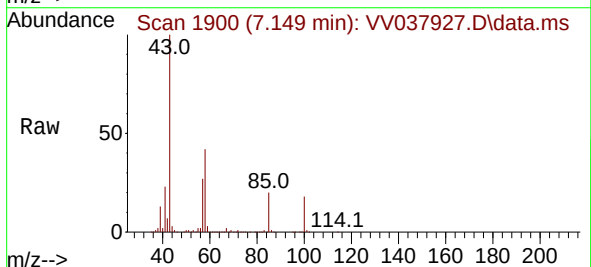
Tgt Ion: 43 Resp: 654519

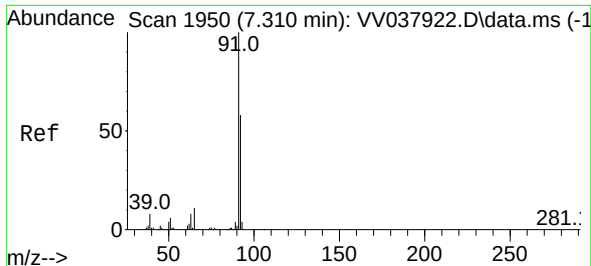
Ion Ratio Lower Upper

43 100

58 41.1 32.6 49.0

100 17.4 13.8 20.8





#42

Toluene

Concen: 5.616 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Instrument :

MSVOA_V

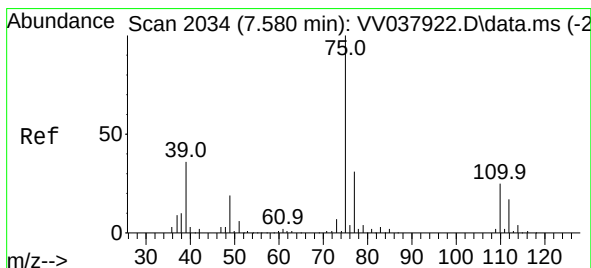
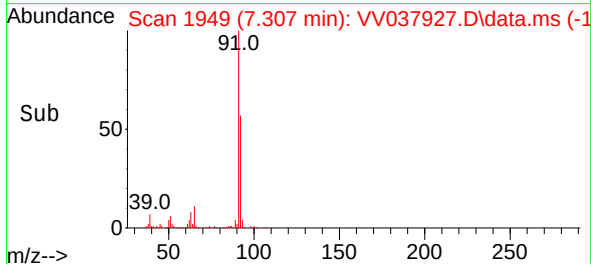
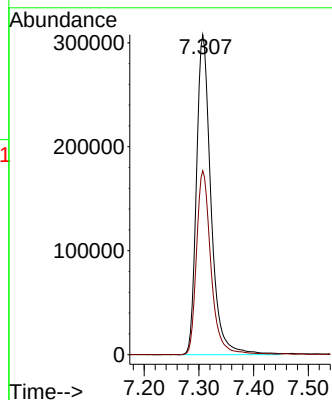
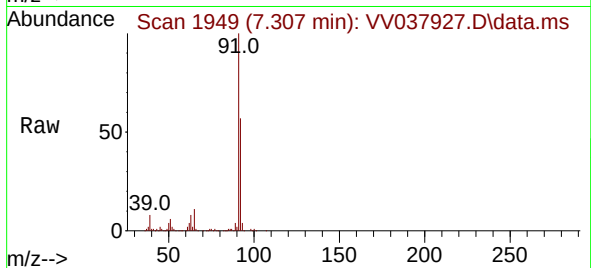
ClientSampleId :

Tgt Ion: 91 Resp: 565745

Ion Ratio Lower Upper

91 100

92 57.5 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.429 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV037927.D

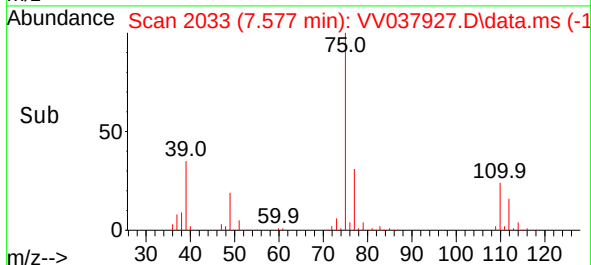
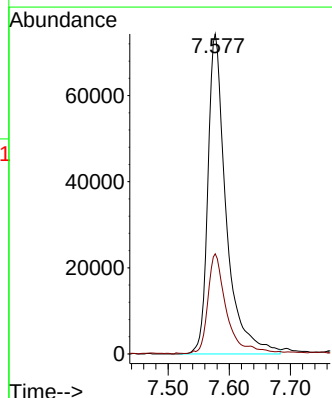
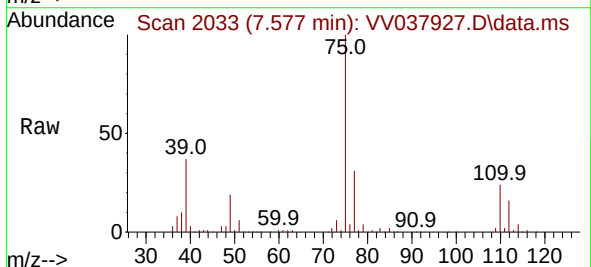
Acq: 06 Nov 2024 14:11

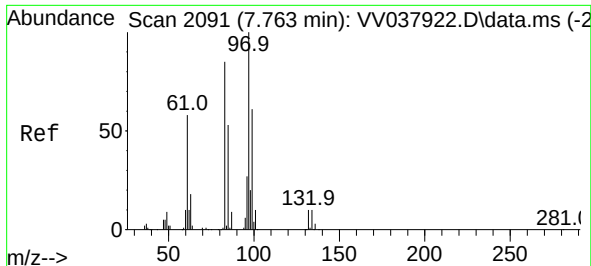
Tgt Ion: 75 Resp: 153883

Ion Ratio Lower Upper

75 100

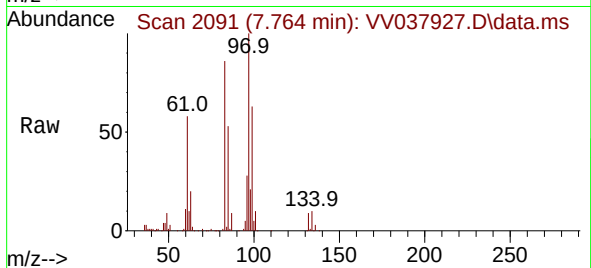
77 31.3 21.8 40.6



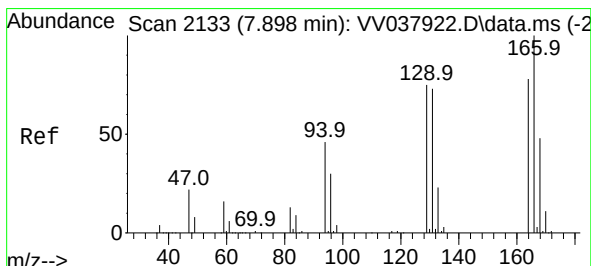
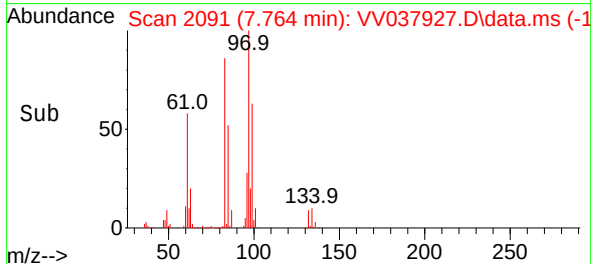
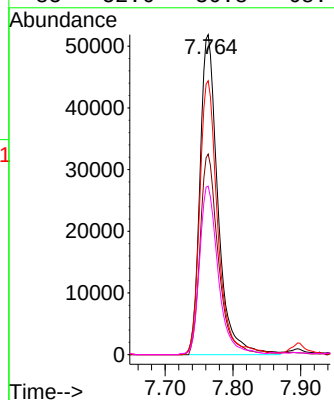


#45
1,1,2-Trichloroethane
Concen: 5.296 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

Instrument :
MSVOA_V
ClientSampleId :

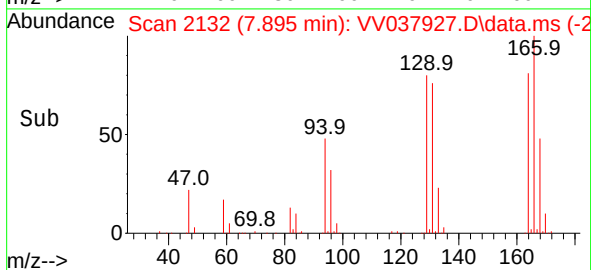
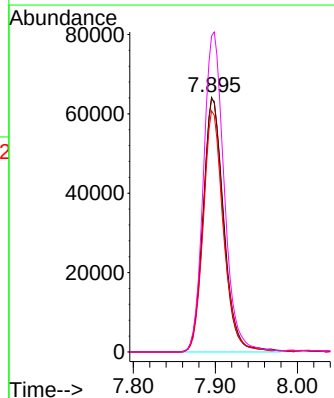
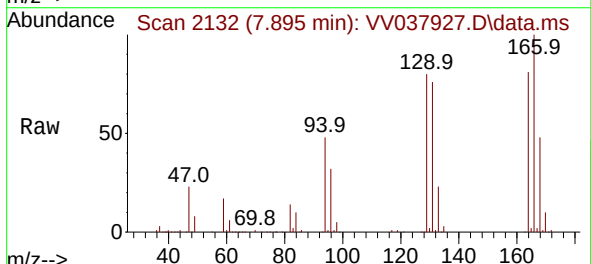


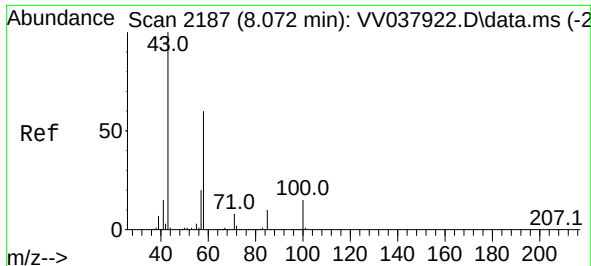
Tgt Ion:	97	Resp:	95380
Ion	Ratio	Lower	Upper
97	100		
99	62.7	42.4	78.8
83	85.6	59.3	110.1
85	52.6	36.8	68.4



#47
Tetrachloroethene
Concen: 5.482 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

Tgt Ion:	164	Resp:	112334
Ion	Ratio	Lower	Upper
164	100		
129	99.4	66.8	124.2
131	94.7	65.2	121.2
166	124.1	89.2	165.8





#48

2-Hexanone

Concen: 55.609 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. -0.003 min

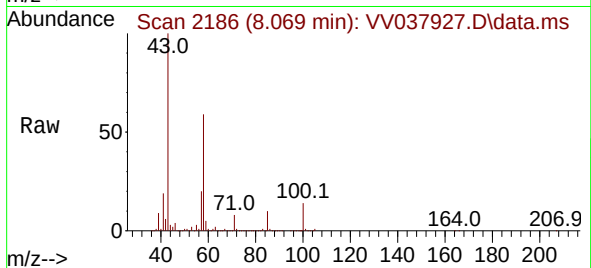
Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 470972

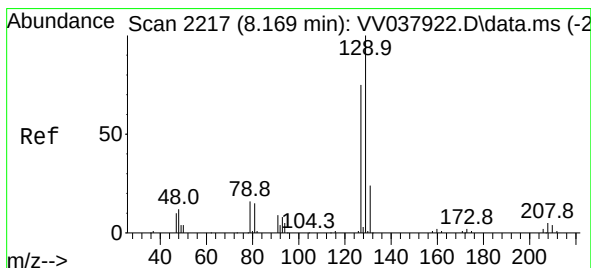
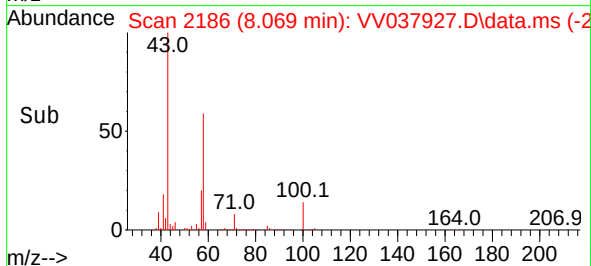
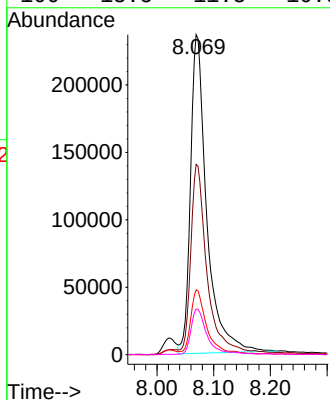
Ion Ratio Lower Upper

43 100

58 56.9 48.5 72.7

57 19.4 16.3 24.5

100 13.5 11.3 16.9



#49

Dibromochloromethane

Concen: 5.027 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV037927.D

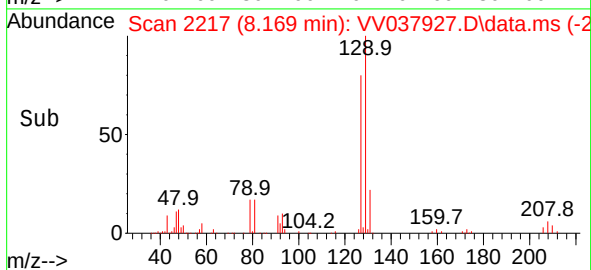
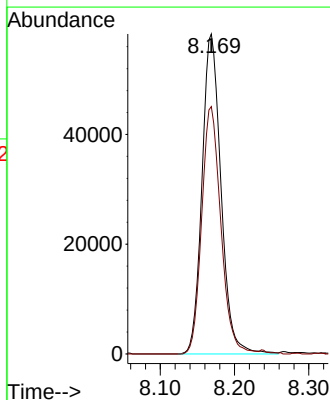
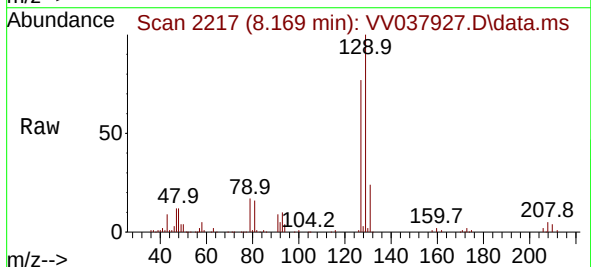
Acq: 06 Nov 2024 14:11

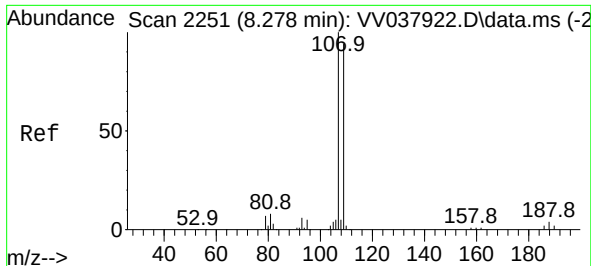
Tgt Ion: 129 Resp: 103490

Ion Ratio Lower Upper

129 100

127 77.3 52.2 97.0

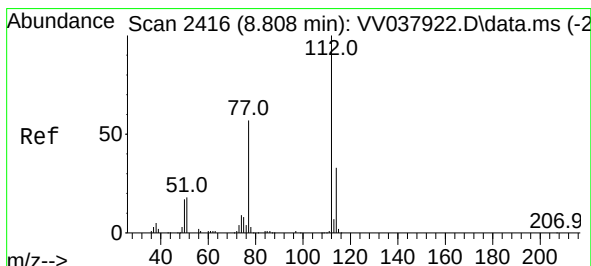
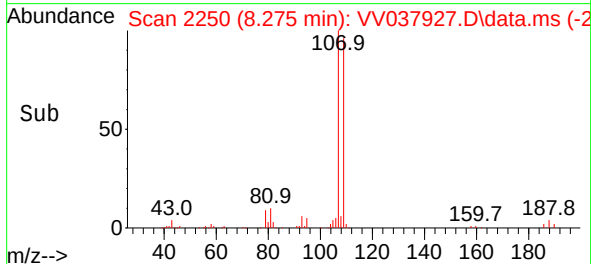
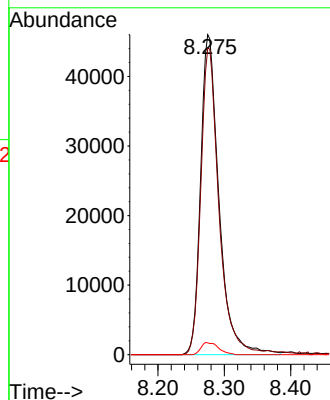
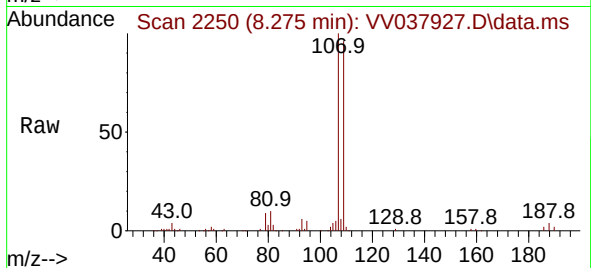




#50
1,2-Dibromoethane
Concen: 5.295 ug/L
RT: 8.275 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

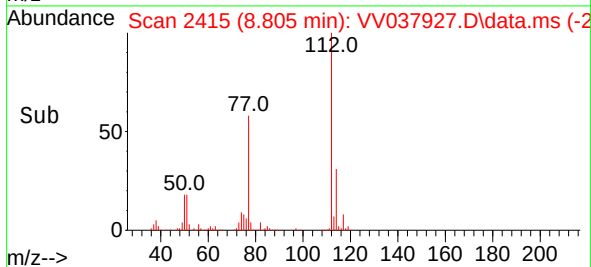
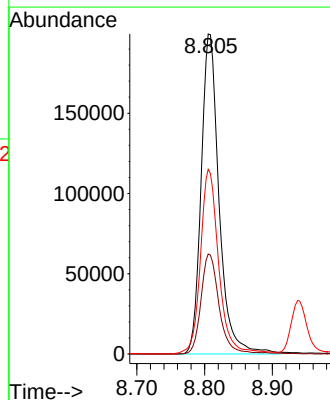
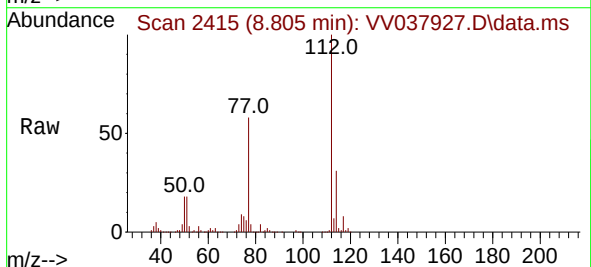
Instrument :
MSVOA_V
ClientSampleId :

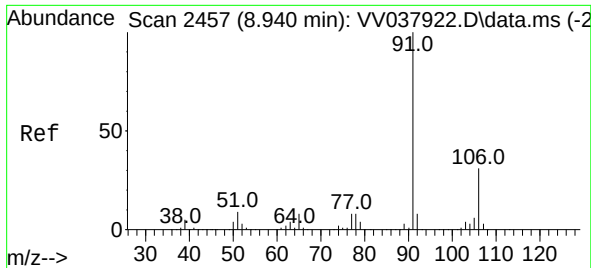
Tgt Ion:107 Resp: 88995
Ion Ratio Lower Upper
107 100
109 95.8 65.8 122.2
188 3.7 3.0 4.6



#51
Chlorobenzene
Concen: 5.317 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

Tgt Ion:112 Resp: 366306
Ion Ratio Lower Upper
112 100
114 31.3 23.0 42.6
77 57.7 45.9 68.9

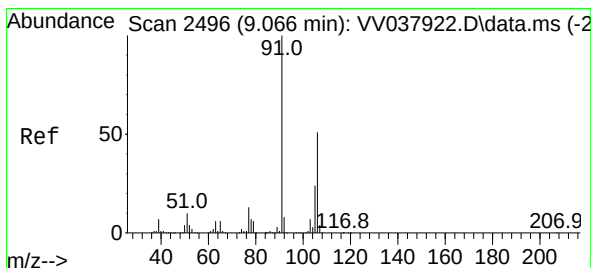
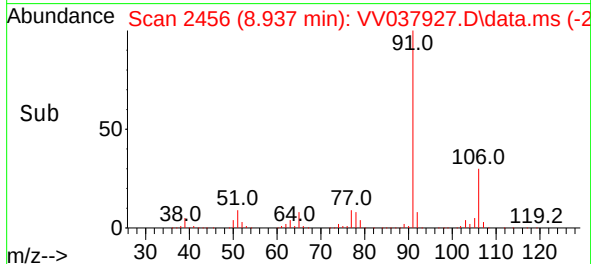
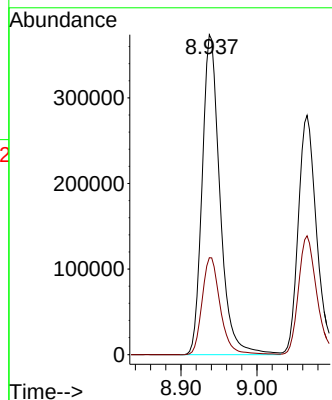
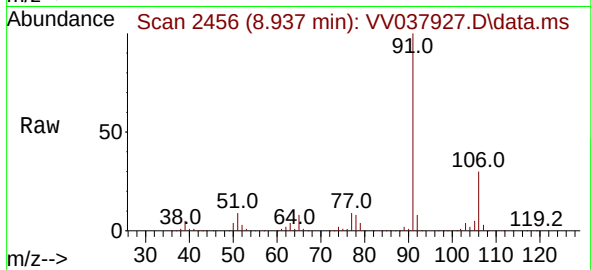




#52
Ethylbenzene
Concen: 5.604 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.003 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

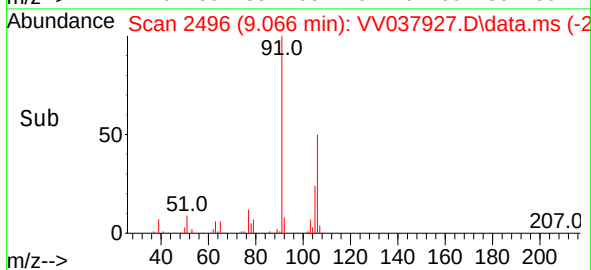
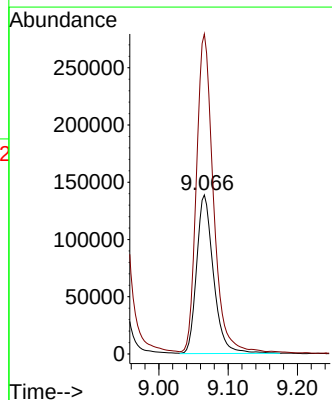
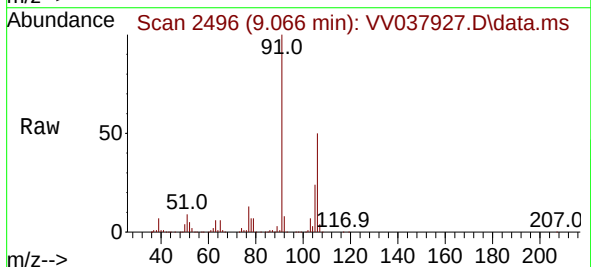
Instrument :
MSVOA_V
ClientSampleId :

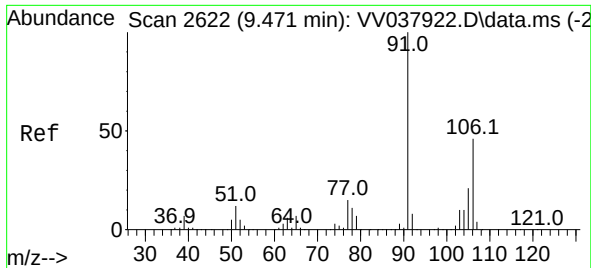
Tgt Ion: 91 Resp: 608012
Ion Ratio Lower Upper
91 100
106 30.3 21.8 40.4



#53
m,p-Xylene
Concen: 5.689 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

Tgt Ion:106 Resp: 235449
Ion Ratio Lower Upper
106 100
91 201.2 139.0 258.2

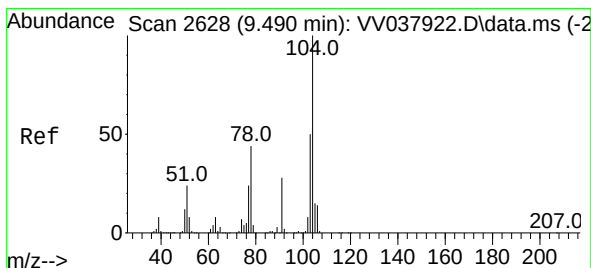
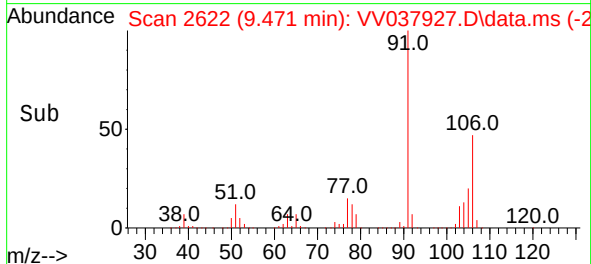
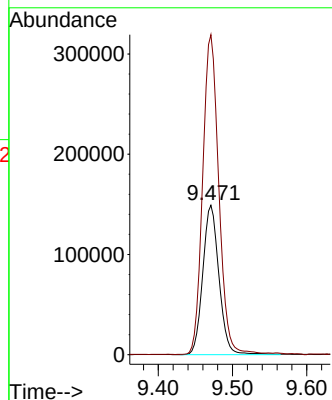
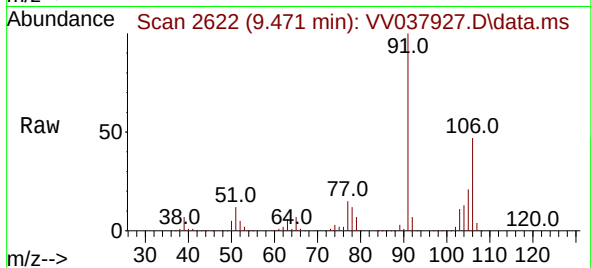




#54
o-Xylene
Concen: 5.724 ug/L
RT: 9.471 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

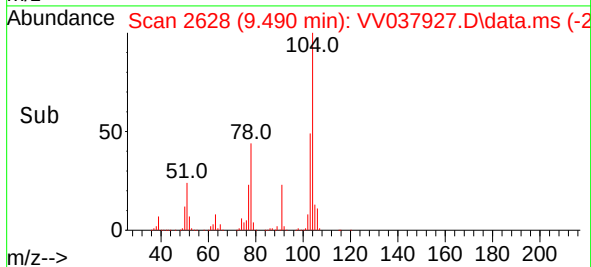
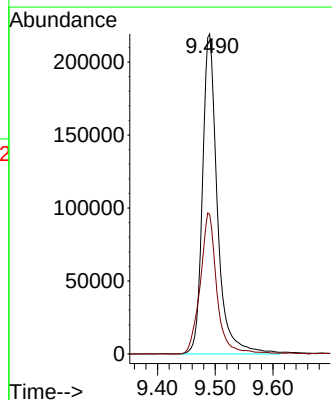
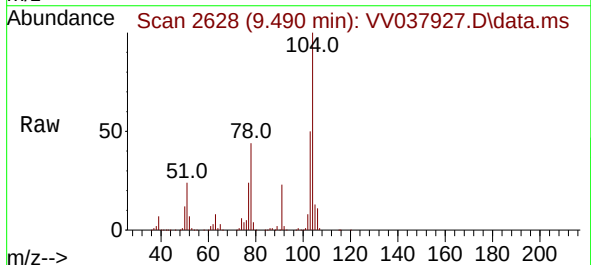
Instrument :
MSVOA_V
ClientSampleId :

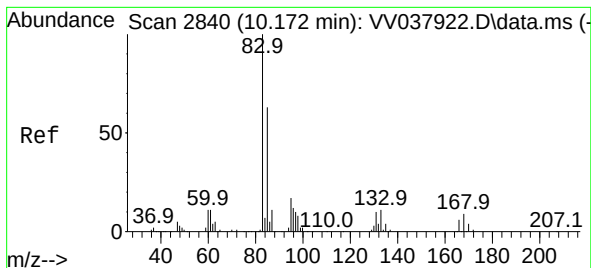
Tgt Ion:106 Resp: 225451
Ion Ratio Lower Upper
106 100
91 214.2 152.0 282.2



#55
Styrene
Concen: 5.802 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

Tgt Ion:104 Resp: 393605
Ion Ratio Lower Upper
104 100
78 43.7 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 5.170 ug/L

RT: 10.169 min Scan# 2839

Delta R.T. -0.003 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Instrument :

MSVOA_V

ClientSampleId :

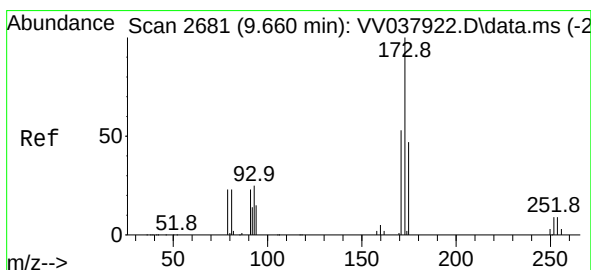
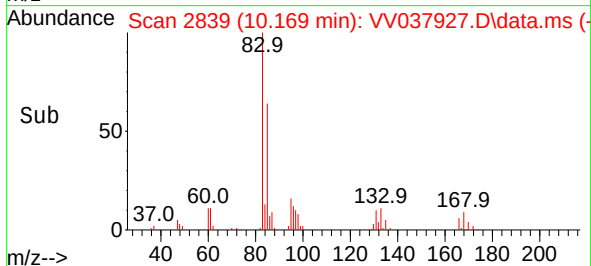
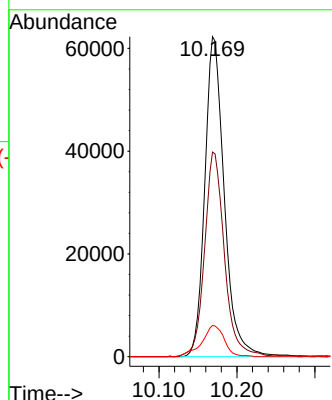
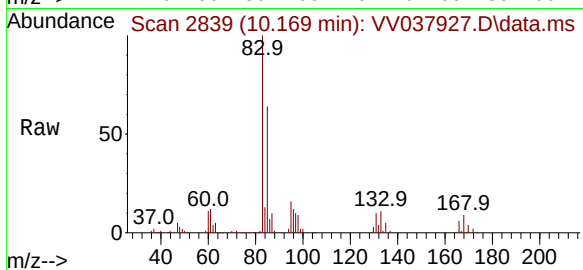
Tgt Ion: 83 Resp: 108092

Ion Ratio Lower Upper

83 100

85 64.0 44.2 82.2

131 9.8 7.9 11.9



#59

Bromoform

Concen: 5.074 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. 0.000 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

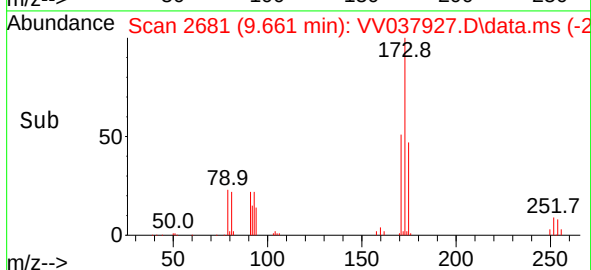
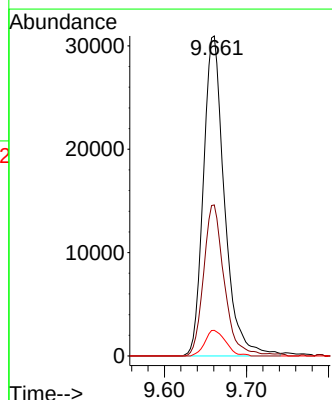
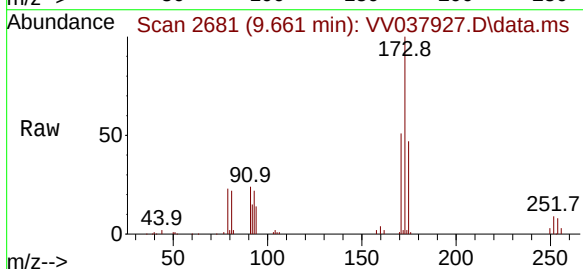
Tgt Ion: 173 Resp: 55211

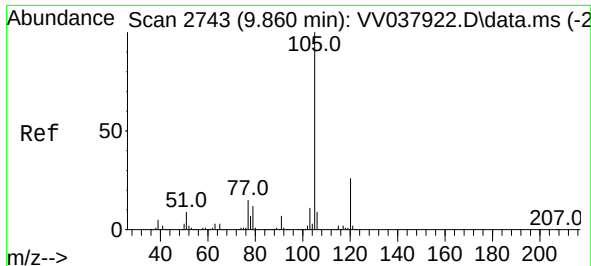
Ion Ratio Lower Upper

173 100

175 46.1 38.0 57.0

254 7.9 6.9 10.3

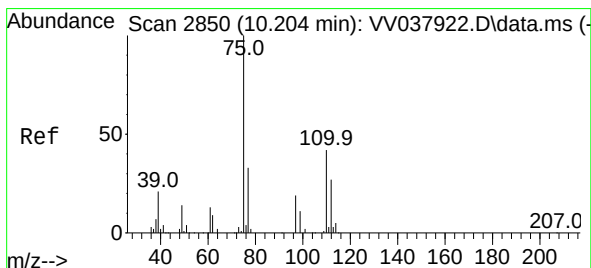
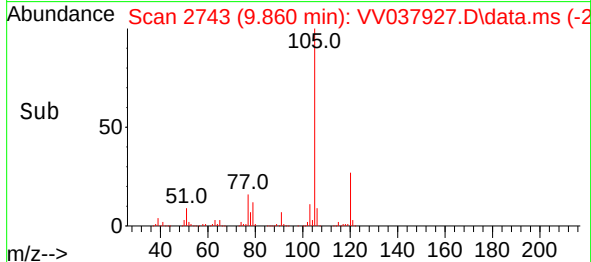
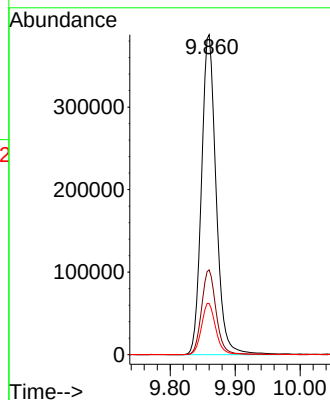
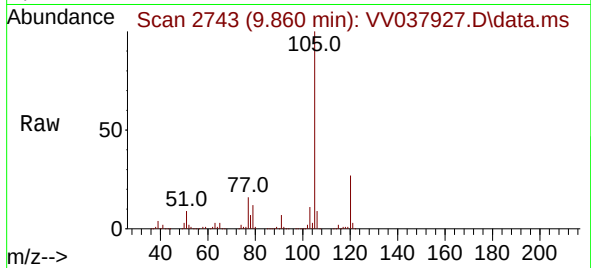




#60
Isopropylbenzene
Concen: 5.598 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

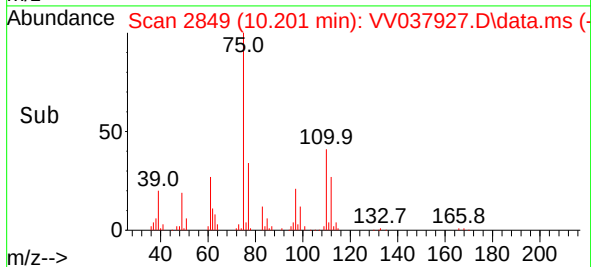
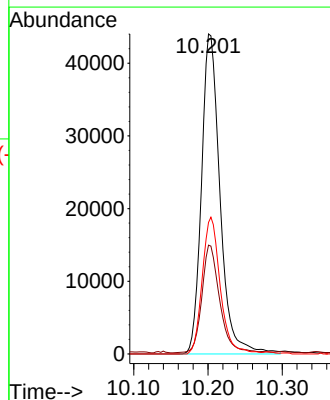
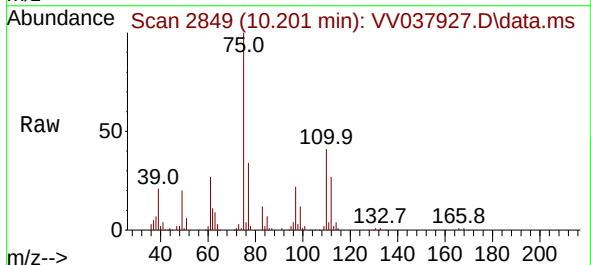
Instrument :
MSVOA_V
ClientSampleId :

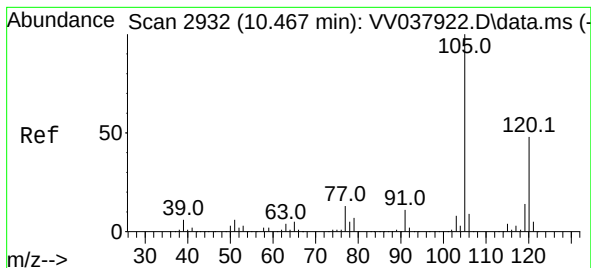
Tgt Ion:105 Resp: 609072
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.4
77 15.6 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.238 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.003 min
Lab File: VV037927.D
Acq: 06 Nov 2024 14:11

Tgt Ion: 75 Resp: 76475
Ion Ratio Lower Upper
75 100
77 32.4 24.9 37.3
110 41.5 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 5.609 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. 0.000 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Instrument :

MSVOA_V

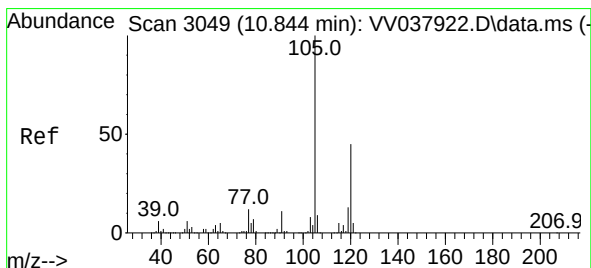
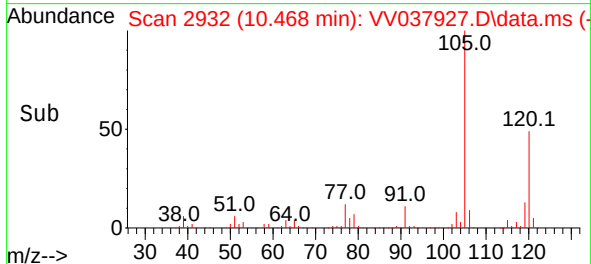
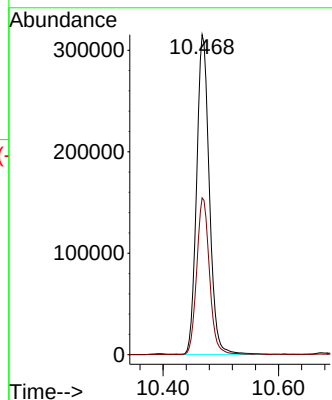
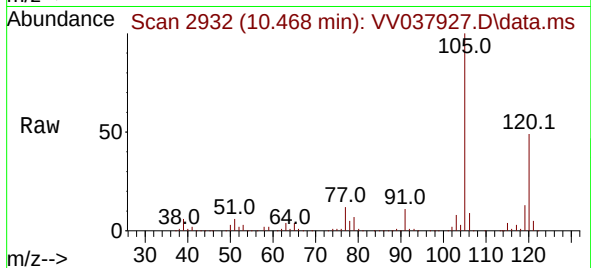
ClientSampleId :

Tgt Ion:105 Resp: 479843

Ion Ratio Lower Upper

105 100

120 49.4 39.0 58.6



#63

1,2,4-Trimethylbenzene

Concen: 5.690 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037927.D

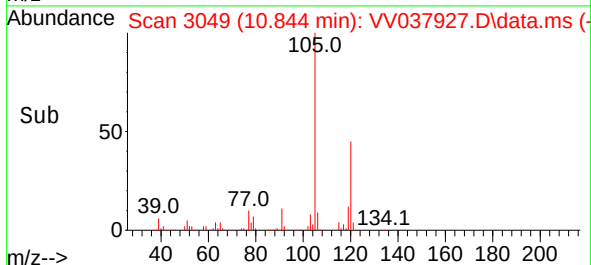
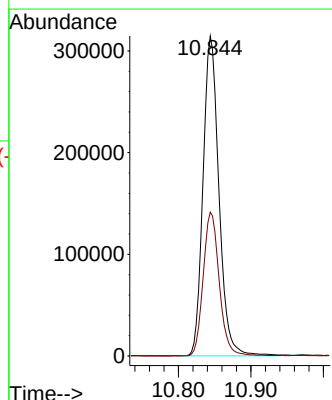
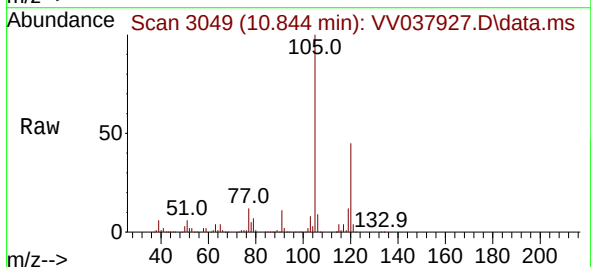
Acq: 06 Nov 2024 14:11

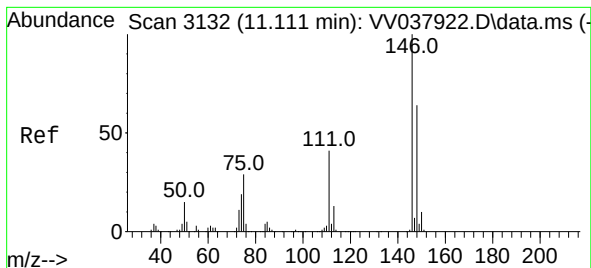
Tgt Ion:105 Resp: 480282

Ion Ratio Lower Upper

105 100

120 45.4 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 5.450 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Instrument :

MSVOA_V

ClientSampleId :

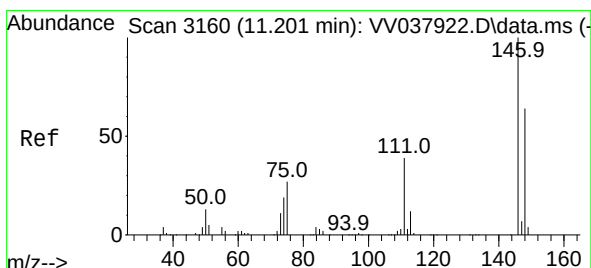
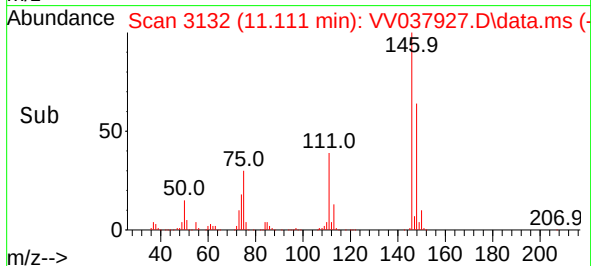
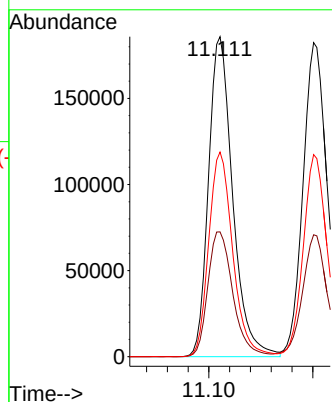
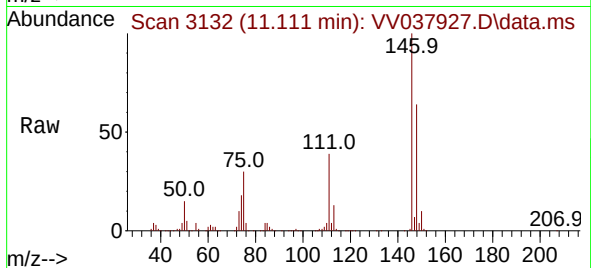
Tgt Ion:146 Resp: 300235

Ion Ratio Lower Upper

146 100

111 39.0 28.7 53.3

148 64.0 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 5.370 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

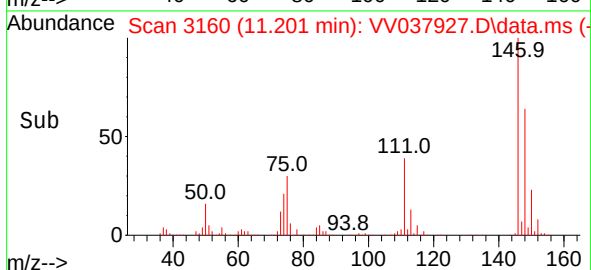
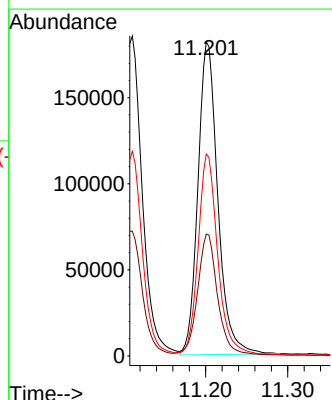
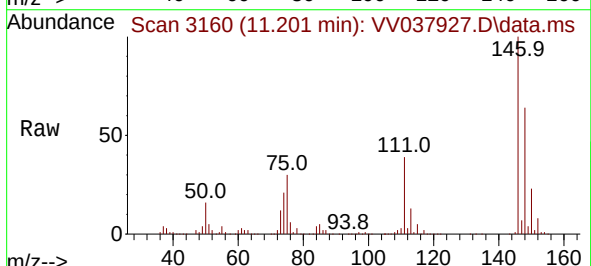
Tgt Ion:146 Resp: 305515

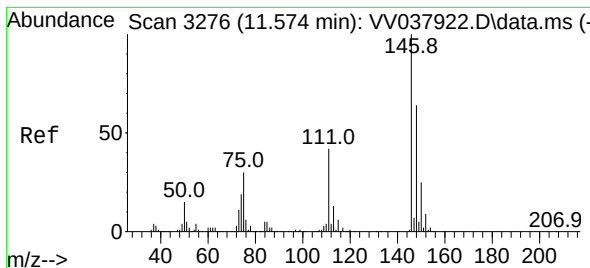
Ion Ratio Lower Upper

146 100

111 38.8 27.6 51.2

148 64.3 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.396 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Instrument :

MSVOA_V

ClientSampleId :

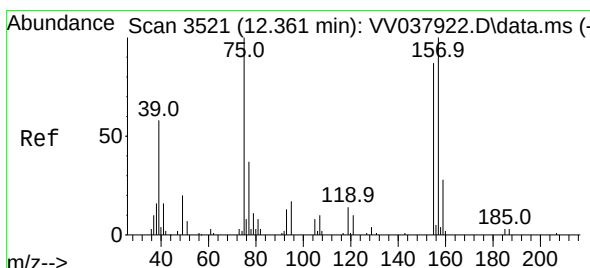
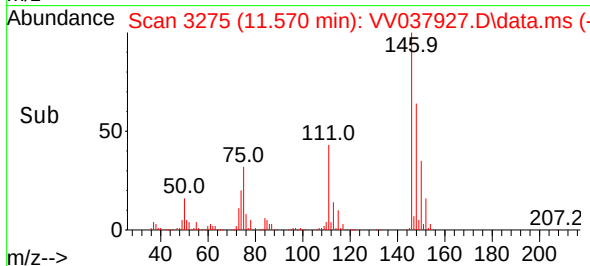
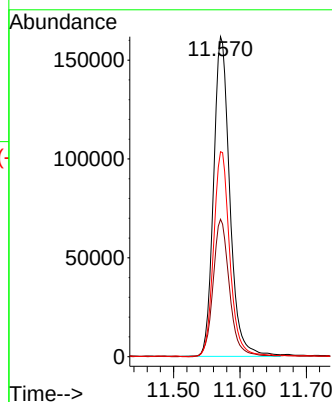
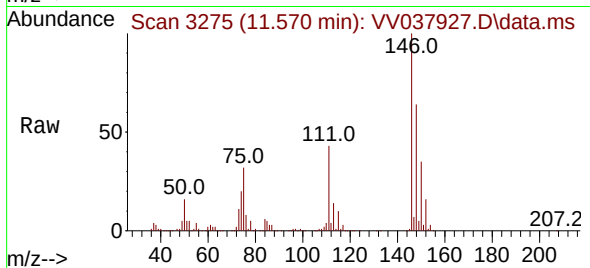
Tgt Ion:146 Resp: 274884

Ion Ratio Lower Upper

146 100

111 43.0 33.9 50.9

148 64.1 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.797 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

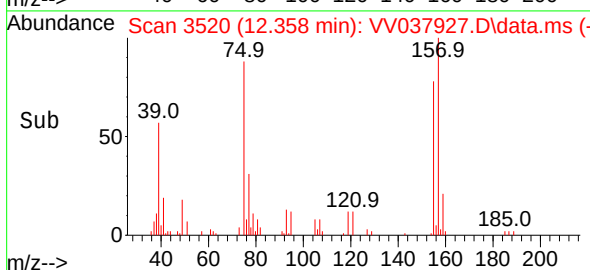
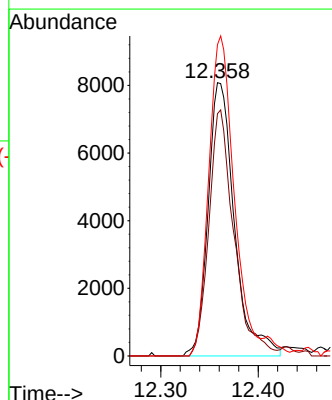
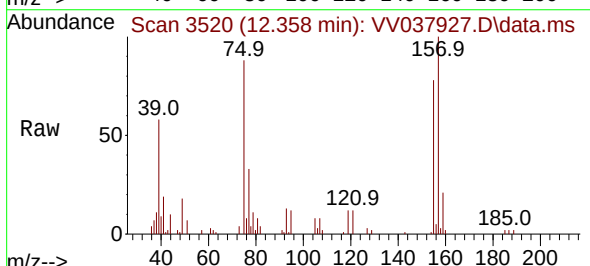
Tgt Ion: 75 Resp: 15206

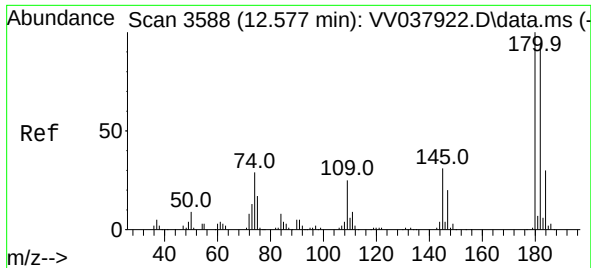
Ion Ratio Lower Upper

75 100

155 88.7 70.2 105.2

157 113.9 80.2 120.4





#69

1,3,5-Trichlorobenzene

Concen: 5.465 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.003 min

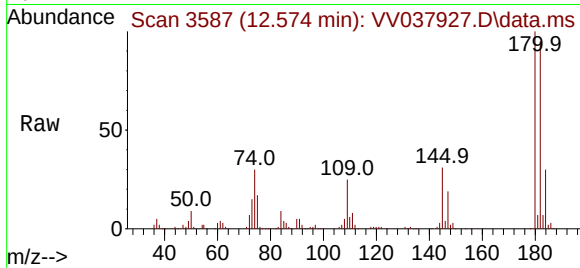
Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 212500

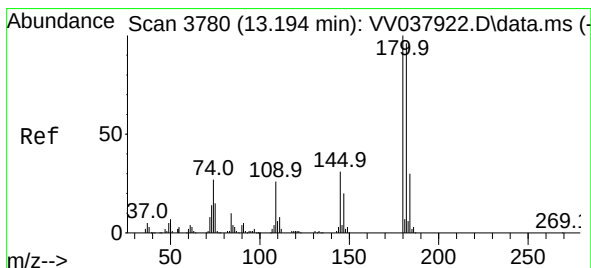
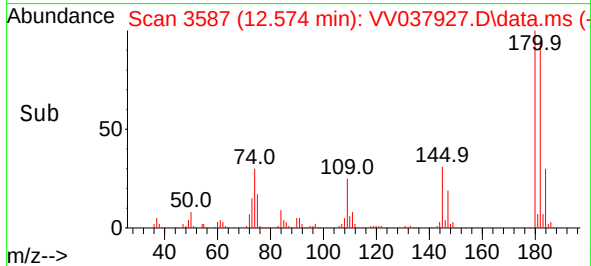
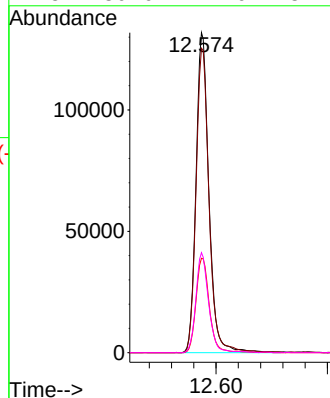
Ion Ratio Lower Upper

180 100

182 95.5 76.2 114.4

184 30.1 24.1 36.1

145 30.6 24.6 37.0



#70

1,2,4-trichlorobenzene

Concen: 5.716 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.003 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

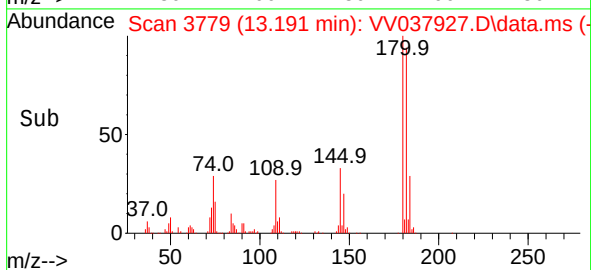
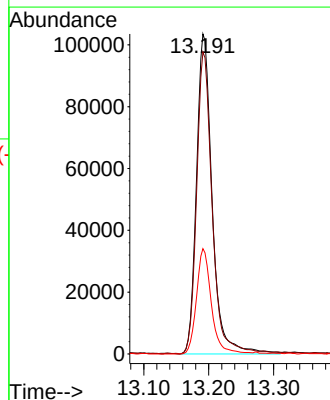
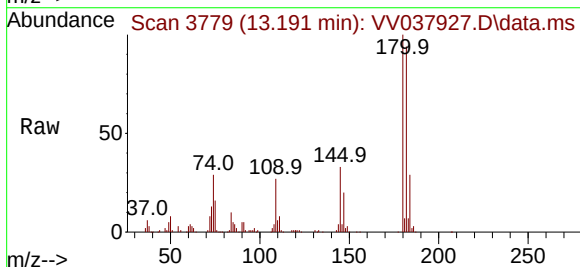
Tgt Ion:180 Resp: 174509

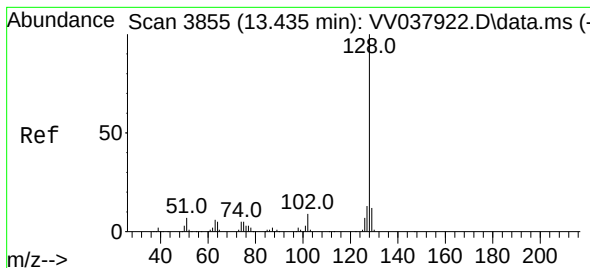
Ion Ratio Lower Upper

180 100

182 93.1 74.8 112.2

145 31.2 25.4 38.0





#71

Naphthalene

Concen: 5.498 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Instrument :

MSVOA_V

ClientSampleId :

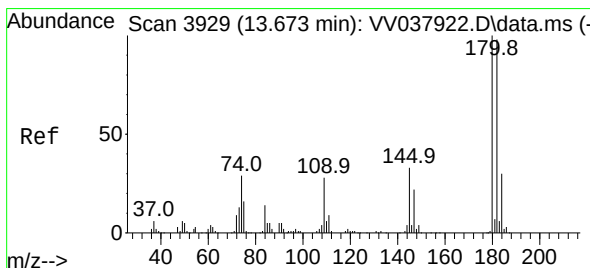
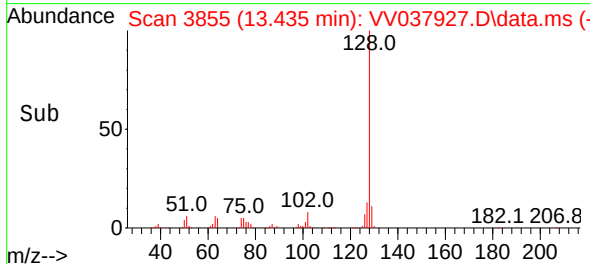
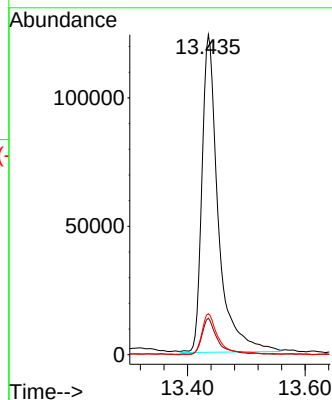
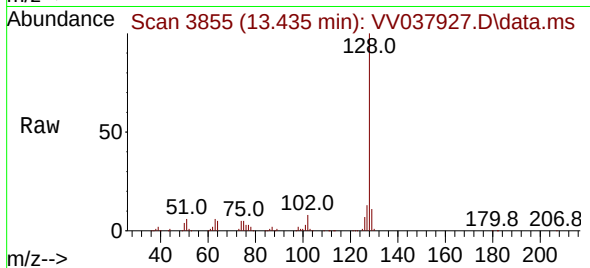
Tgt Ion:128 Resp: 238232

Ion Ratio Lower Upper

128 100

129 10.6 8.3 12.5

127 12.5 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 5.648 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037927.D

Acq: 06 Nov 2024 14:11

Tgt Ion:180 Resp: 148654

Ion Ratio Lower Upper

180 100

182 95.9 79.4 119.0

145 33.4 26.6 40.0

