

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV102224\
 Data File : VV037907.D
 Acq On : 22 Oct 2024 08:51
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:13:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 02:37:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	302020	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	316775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	175716	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	72491	3.644	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.529	69	69212	3.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.050	65	35805	3.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.822	46	211453	46.407	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.820%
24) Chloroform-d	4.240	84	187213	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	4.937	65	87554	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	4.950	84	336538	4.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	5.982	67	104020	4.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.236	98	310680	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.551	79	40849	4.408	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.024	63	184547	47.580	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.160%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	92929	4.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	121052	4.040	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	138002	4.586	ug/L	99
3) Chloromethane	1.214	50	134543	4.646	ug/L	99
5) Vinyl chloride	1.278	62	137845	4.647	ug/L	97
6) Bromomethane	1.484	94	82407	4.370	ug/L	96
8) Chloroethane	1.545	64	84715	4.717	ug/L	100
9) Trichlorofluoromethane	1.709	101	194854	4.892	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	114954	4.972	ug/L	98
12) 1,1-Dichloroethene	2.063	96	106751	4.869	ug/L	93
13) Acetone	2.153	43	171819	49.849	ug/L	97
14) Carbon disulfide	2.233	76	339727	4.532	ug/L	99
15) Methyl Acetate	2.391	43	36995	4.183	ug/L	94
16) Methylene chloride	2.439	84	121515	4.316	ug/L	99
17) Methyl tert-butyl Ether	2.700	73	240771	4.734	ug/L	98
18) trans-1,2-Dichloroethene	2.687	96	114477	4.686	ug/L	96
19) 1,1-Dichloroethane	3.101	63	215068	4.996	ug/L	99
21) 2-Butanone	3.902	43	225655	43.317	ug/L	98
22) cis-1,2-Dichloroethene	3.806	96	113837	4.545	ug/L	98
23) Bromochloromethane	4.140	128	56599	4.870	ug/L	97
25) Chloroform	4.265	83	224561	4.953	ug/L	98

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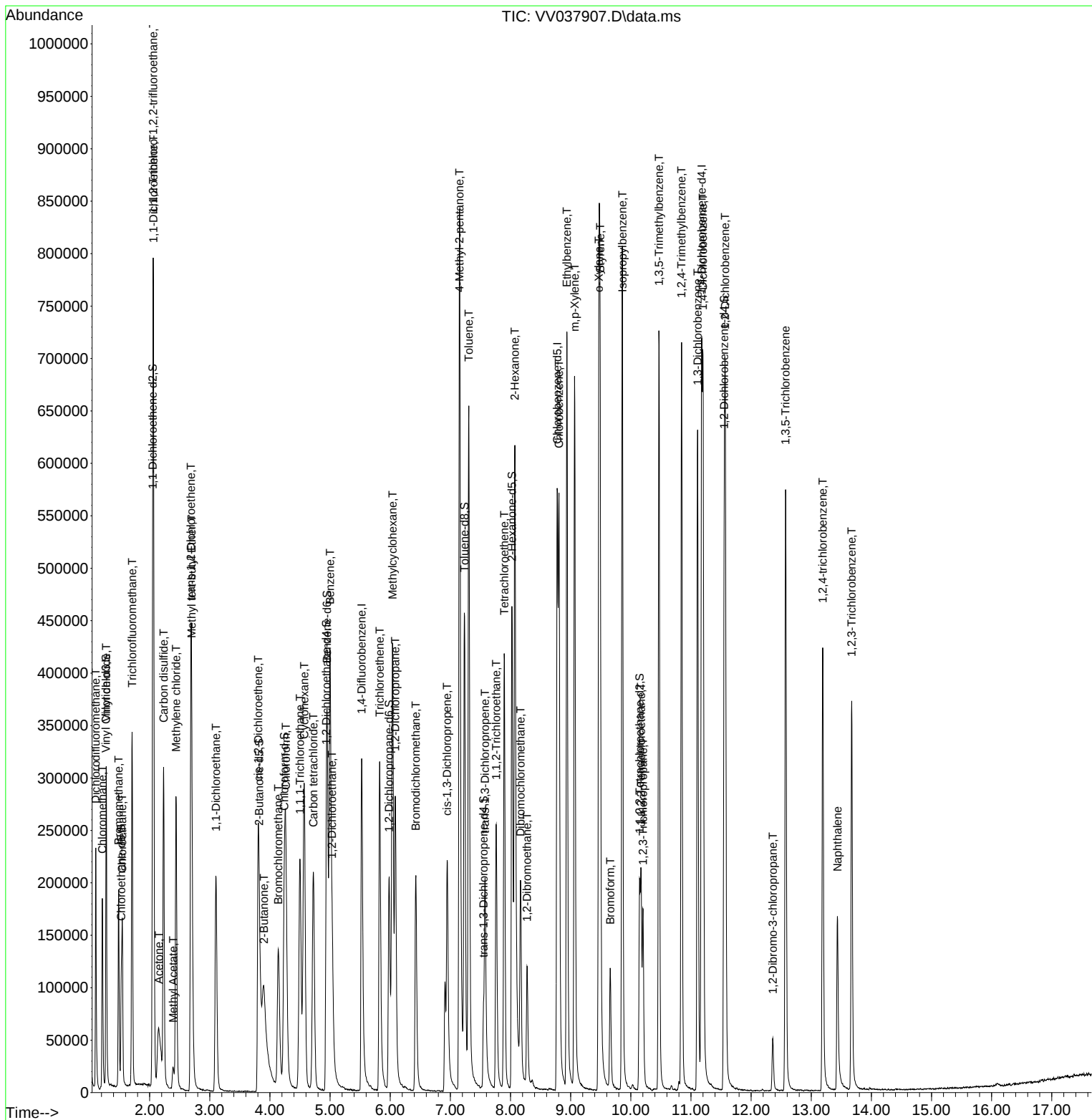
Instrument :
 MSVOA_V
 ClientSampleId :

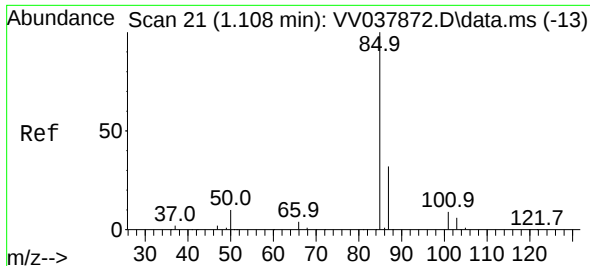
Quant Time: Oct 23 01:13:35 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 02:37:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	123682	4.975	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	189046	4.851	ug/L	100
30) Cyclohexane	4.571	56	149085	4.413	ug/L	100
31) Carbon tetrachloride	4.722	117	166650	4.923	ug/L	99
33) Benzene	4.998	78	458532	4.853	ug/L	100
34) Trichloroethene	5.825	95	121022	4.759	ug/L	99
35) Methylcyclohexane	6.040	83	171331	4.551	ug/L	99
37) 1,2-Dichloropropane	6.085	63	115161	4.843	ug/L	100
38) Bromodichloromethane	6.426	83	150062	4.878	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	157082	4.563	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	608783	48.591	ug/L	99
42) Toluene	7.307	91	501524	5.082	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	134529	4.780	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	89181	5.045	ug/L	99
47) Tetrachloroethene	7.899	164	95191	4.794	ug/L	97
48) 2-Hexanone	8.072	43	439804	48.801	ug/L	98
49) Dibromochloromethane	8.169	129	99564	5.079	ug/L	96
50) 1,2-Dibromoethane	8.275	107	83818	4.956	ug/L	94
51) Chlorobenzene	8.805	112	322395	4.819	ug/L	98
52) Ethylbenzene	8.937	91	514395	4.766	ug/L	99
53) m,p-Xylene	9.066	106	201450	5.015	ug/L	98
54) o-Xylene	9.471	106	185329	4.722	ug/L	100
55) Styrene	9.490	104	346072	5.139	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	103144	4.975	ug/L	97
59) Bromoform	9.661	173	55742	5.012	ug/L	97
60) Isopropylbenzene	9.860	105	512386	4.576	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	70269	4.561	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	394045	4.452	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	397737	4.523	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	266908	4.679	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	272448	4.658	ug/L	97
67) 1,2-Dichlorobenzene	11.571	146	243595	4.617	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	14373	4.462	ug/L	92
69) 1,3,5-Trichlorobenzene	12.574	180	183361	4.458	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	138691	4.140	ug/L	98
71) Naphthalene	13.435	128	164395	3.158	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	118632	4.002	ug/L	98

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

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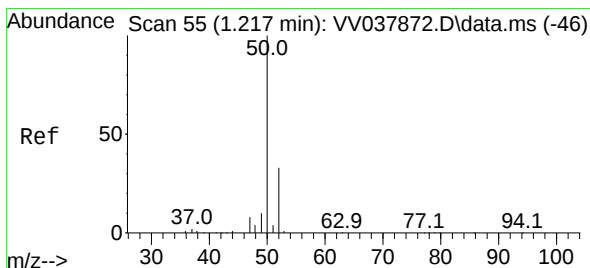
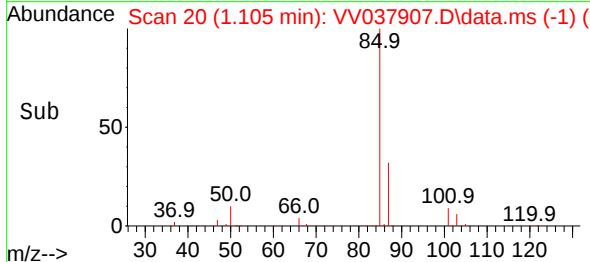
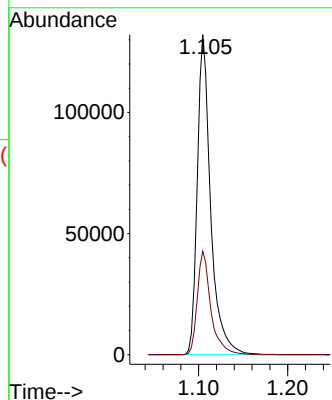
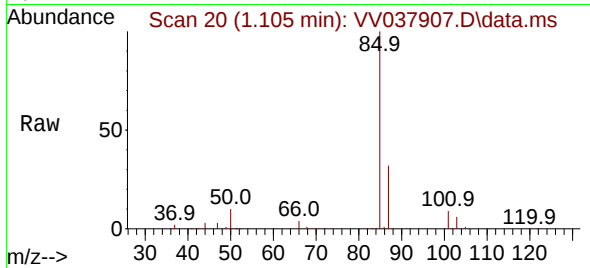




#2
Dichlorodifluoromethane
Concen: 4.586 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

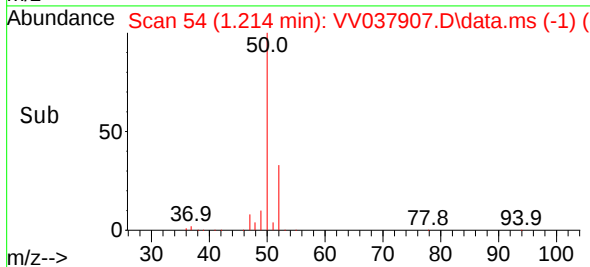
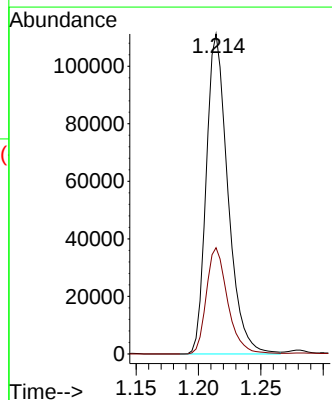
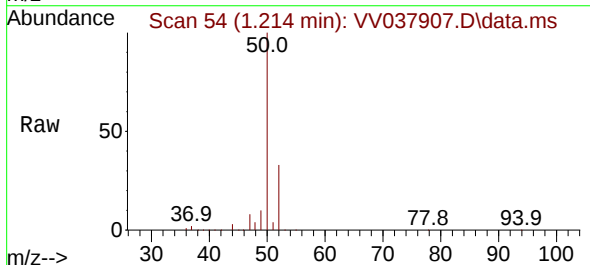
Instrument :
MSVOA_V
ClientSampleId :

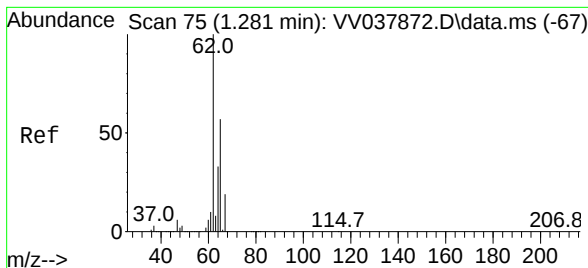
Tgt Ion: 85 Resp: 138002
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.6



#3
Chloromethane
Concen: 4.646 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

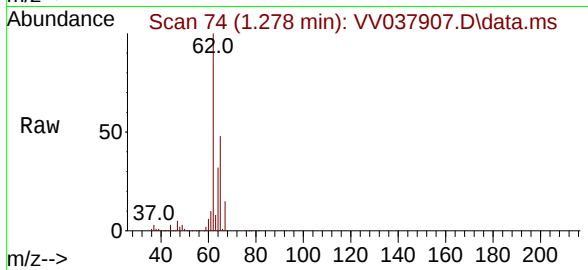
Tgt Ion: 50 Resp: 134543
Ion Ratio Lower Upper
50 100
52 33.2 22.7 42.3



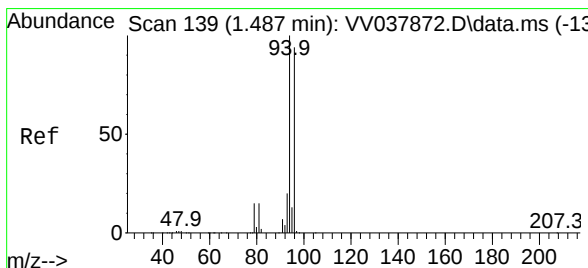
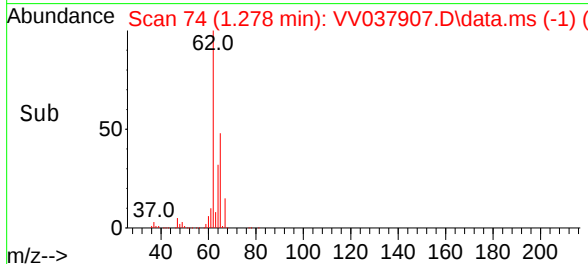
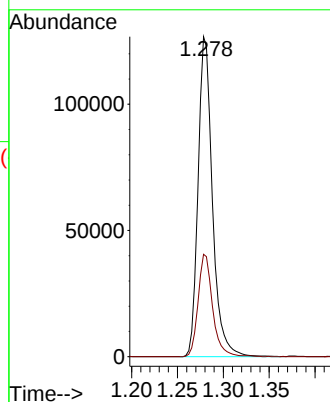


#5
 Vinyl chloride
 Concen: 4.647 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV037907.D
 Acq: 22 Oct 2024 08:51

Instrument :
 MSVOA_V
 ClientSampleId :

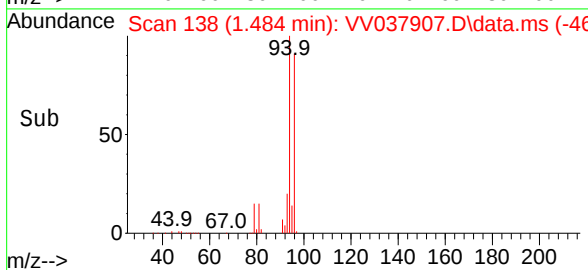
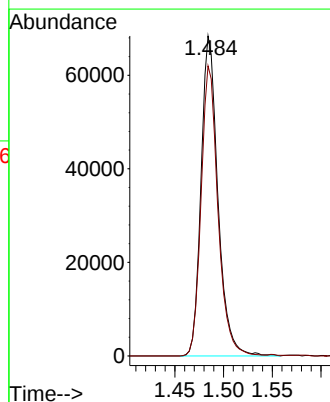
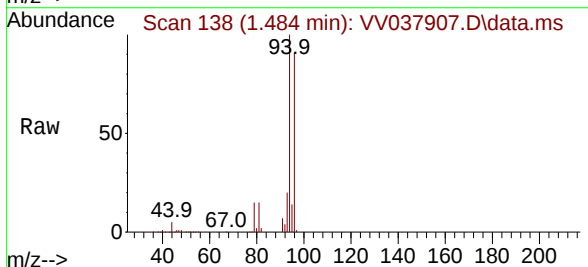


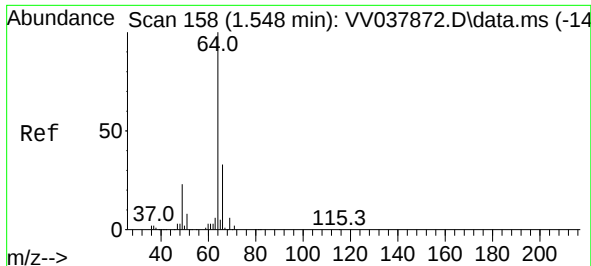
Tgt Ion: 62 Resp: 137845
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.4 43.6



#6
 Bromomethane
 Concen: 4.370 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV037907.D
 Acq: 22 Oct 2024 08:51

Tgt Ion: 94 Resp: 82407
 Ion Ratio Lower Upper
 94 100
 96 90.7 66.1 122.7





#8

Chloroethane

Concen: 4.717 ug/L

RT: 1.545 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

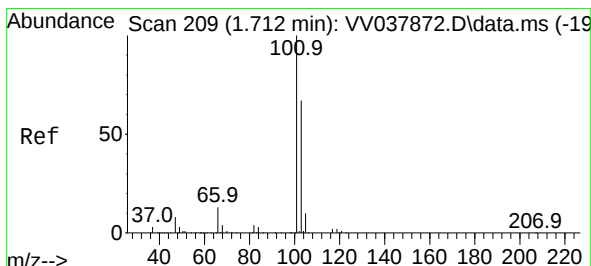
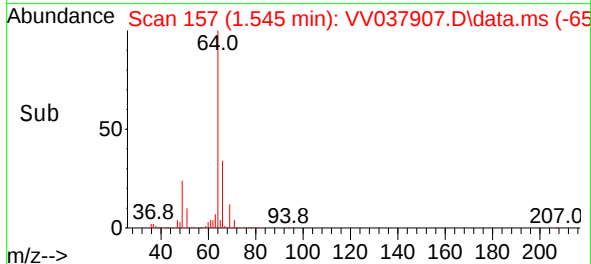
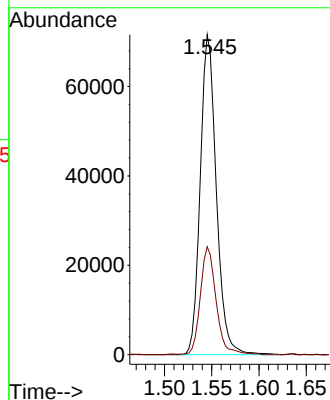
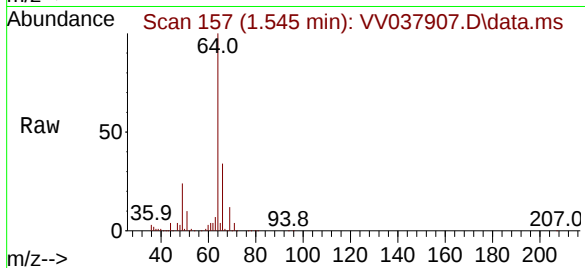
ClientSampleId :

Tgt Ion: 64 Resp: 84715

Ion Ratio Lower Upper

64 100

66 33.8 23.5 43.7



#9

Trichlorofluoromethane

Concen: 4.892 ug/L

RT: 1.709 min Scan# 208

Delta R.T. -0.003 min

Lab File: VV037907.D

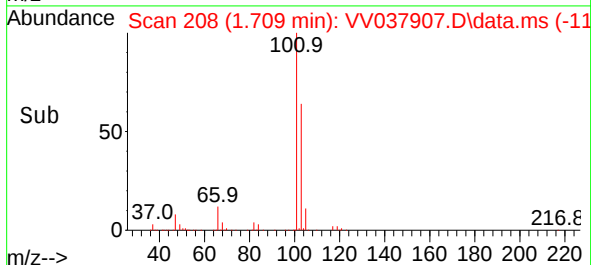
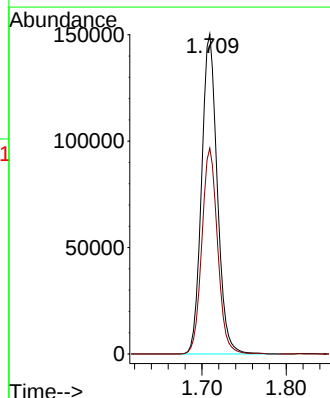
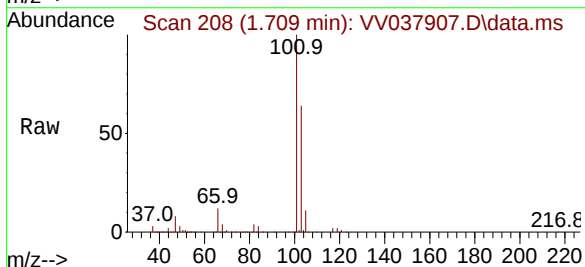
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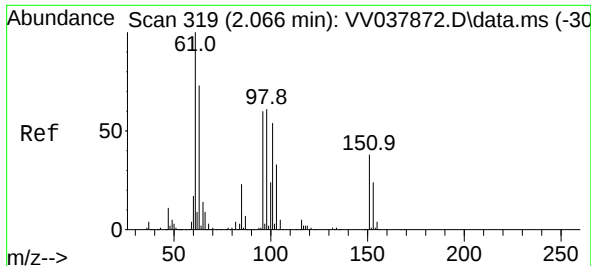
Tgt Ion:101 Resp: 194854

Ion Ratio Lower Upper

101 100

103 64.5 52.2 78.2

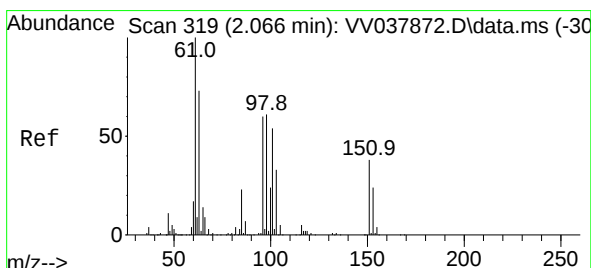
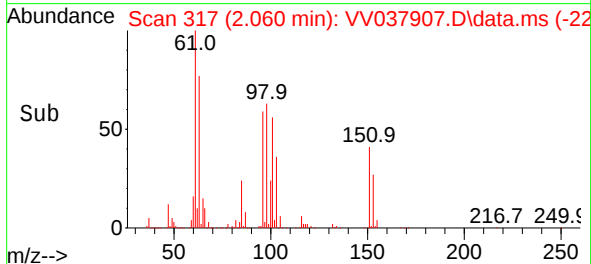
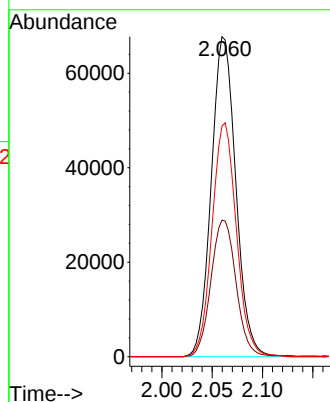
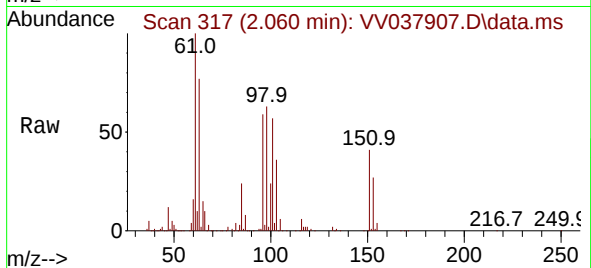




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.972 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.006 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

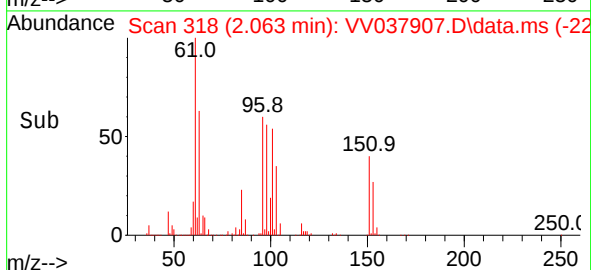
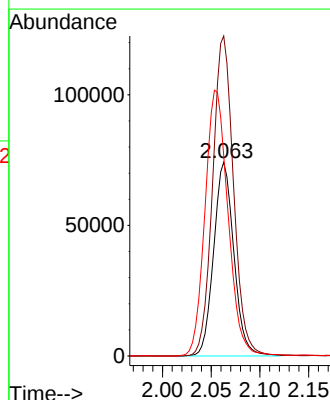
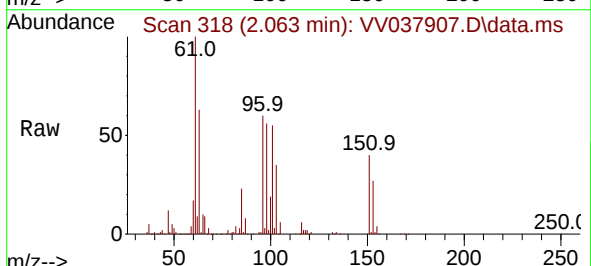
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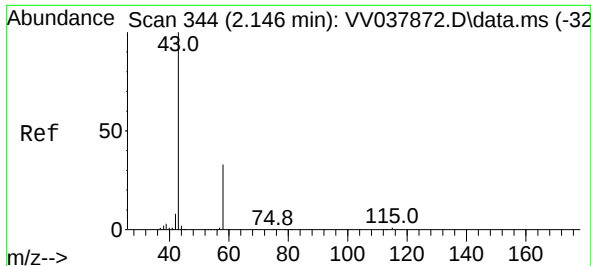
Tgt Ion:101 Resp: 114954
Ion Ratio Lower Upper
101 100
85 43.7 33.6 50.4
151 72.7 57.3 85.9



#12
1,1-Dichloroethene
Concen: 4.869 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

Tgt Ion: 96 Resp: 106751
Ion Ratio Lower Upper
96 100
61 165.3 116.3 215.9
63 103.5 84.9 157.7





#13

Acetone

Concen: 49.849 ug/L

RT: 2.153 min Scan# 344

Delta R.T. 0.007 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

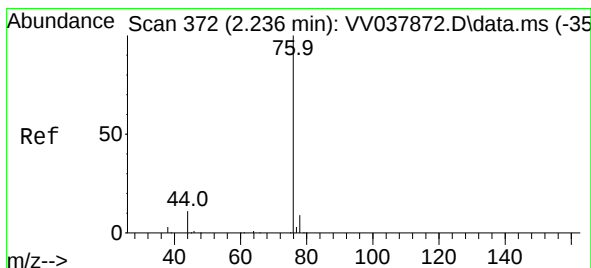
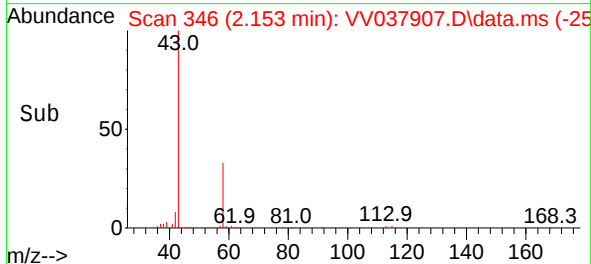
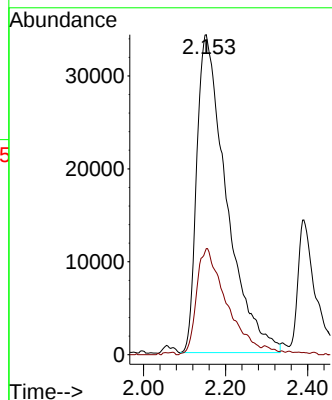
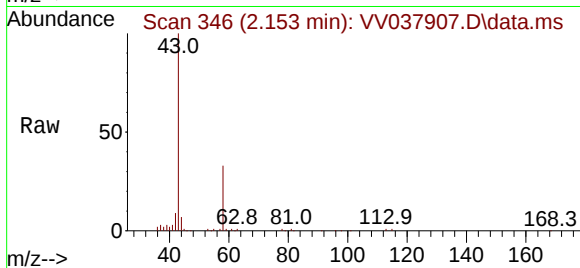
ClientSampleId :

Tgt Ion: 43 Resp: 171819

Ion Ratio Lower Upper

43 100

58 33.4 0.0 70.6



#14

Carbon disulfide

Concen: 4.532 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV037907.D

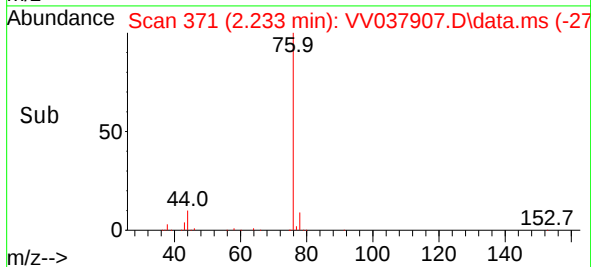
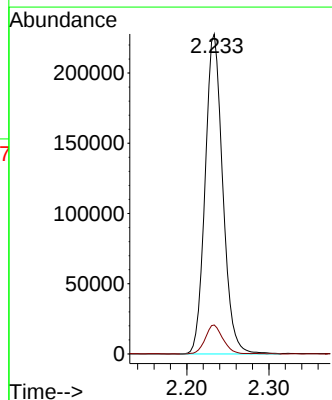
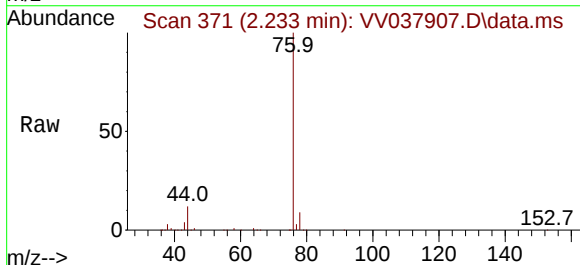
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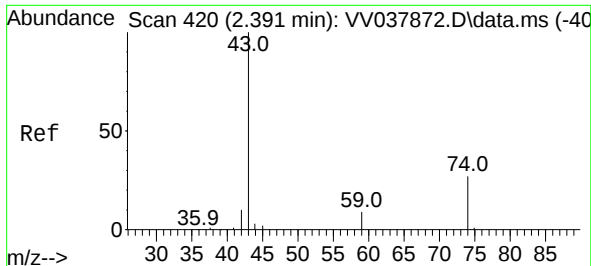
Tgt Ion: 76 Resp: 339727

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 4.183 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

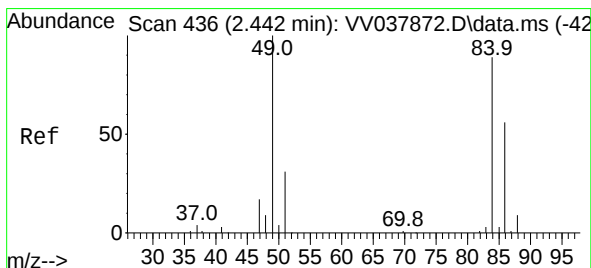
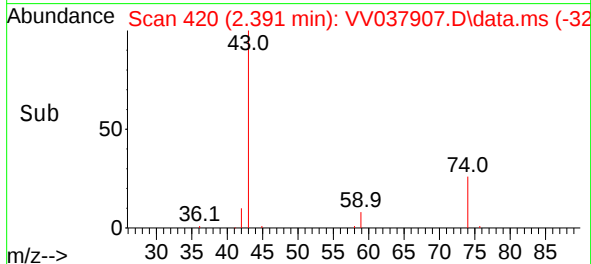
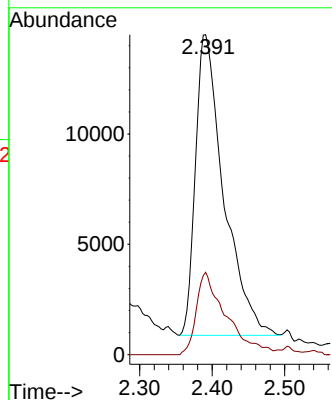
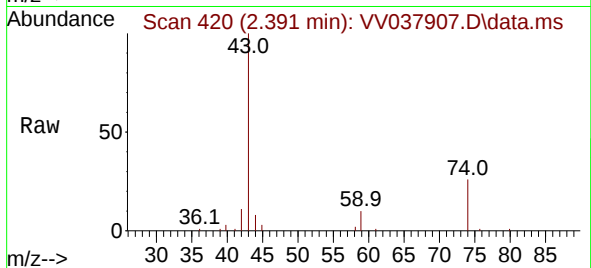
ClientSampleId :

Tgt Ion: 43 Resp: 36995

Ion Ratio Lower Upper

43 100

74 28.7 20.4 30.6



#16

Methylene chloride

Concen: 4.316 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.003 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

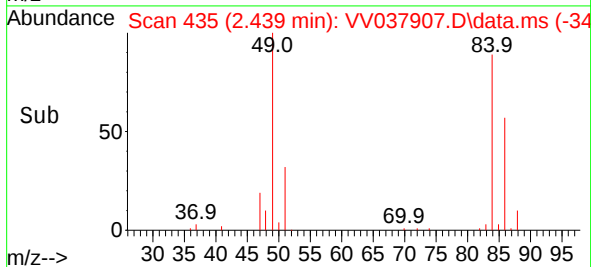
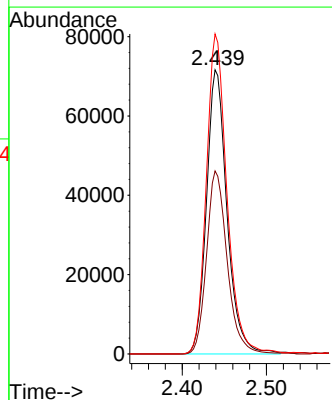
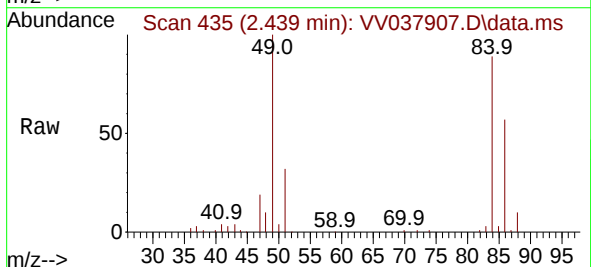
Tgt Ion: 84 Resp: 121515

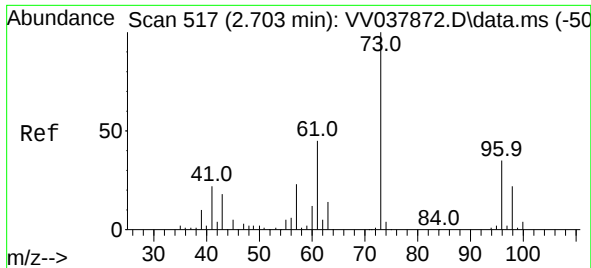
Ion Ratio Lower Upper

84 100

86 64.4 44.0 81.6

49 112.6 78.8 146.4





#17

Methyl tert-butyl Ether

Concen: 4.734 ug/L

RT: 2.700 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

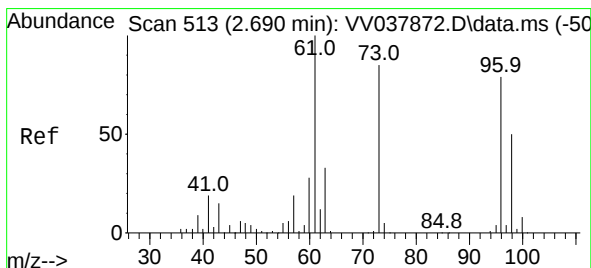
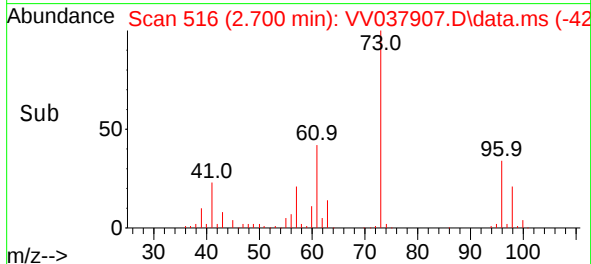
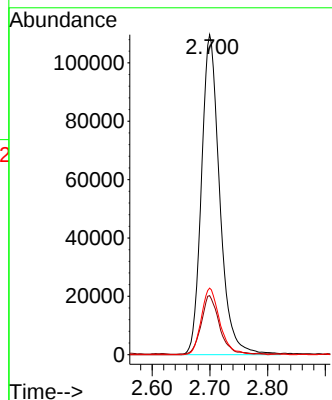
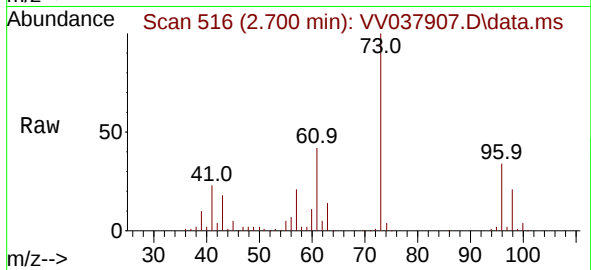
Tgt Ion: 73 Resp: 240771

Ion Ratio Lower Upper

73 100

43 18.1 14.2 21.2

57 21.0 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 4.686 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.003 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

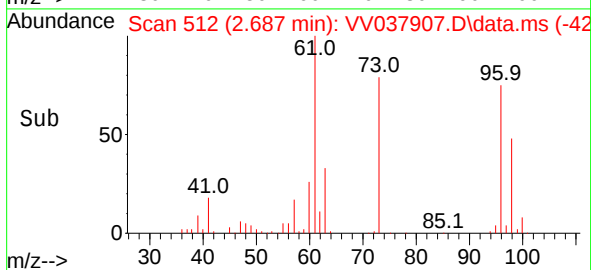
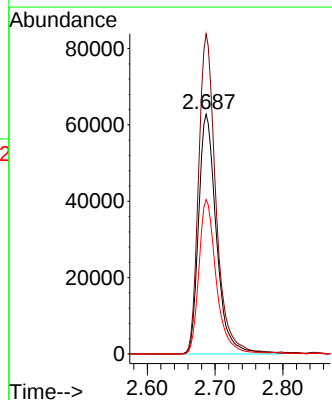
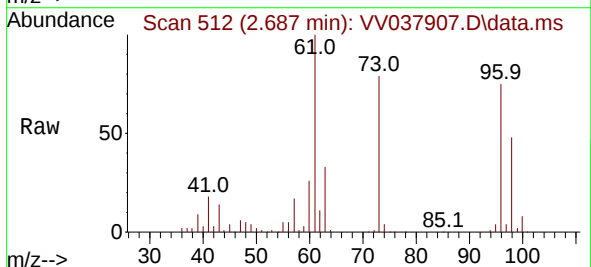
Tgt Ion: 96 Resp: 114477

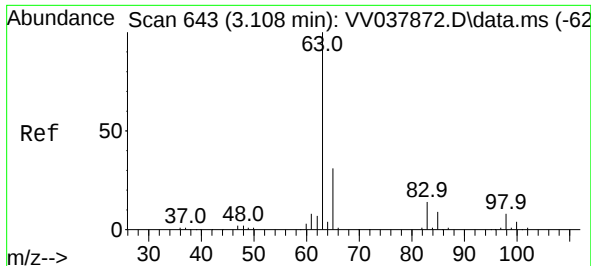
Ion Ratio Lower Upper

96 100

61 133.5 88.4 164.2

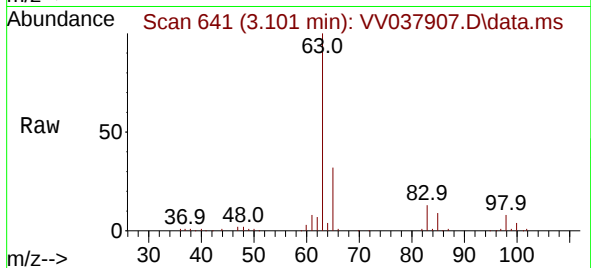
98 64.4 44.6 82.8



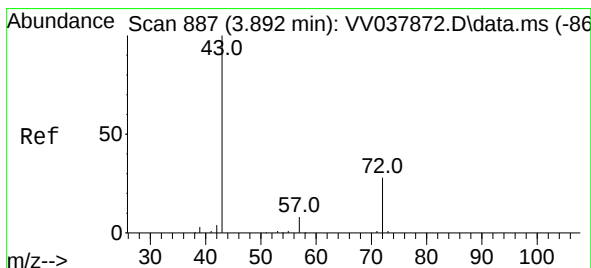
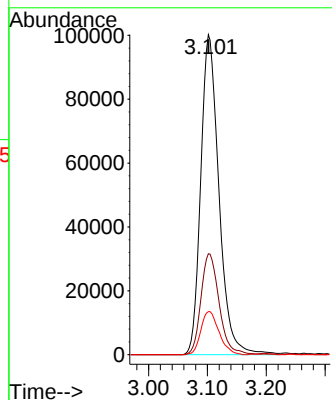
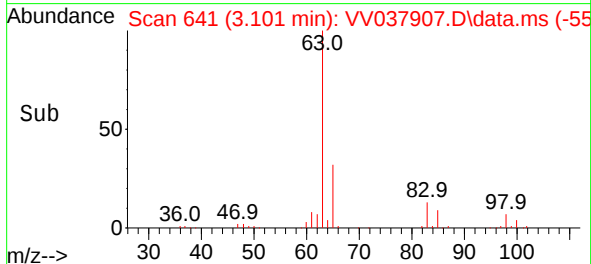


#19
1,1-Dichloroethane
Concen: 4.996 ug/L
RT: 3.101 min Scan# 64
Delta R.T. -0.006 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

Instrument :
MSVOA_V
ClientSampleId :

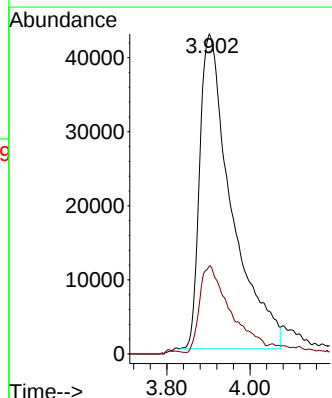
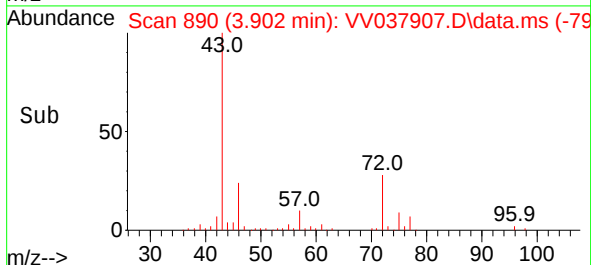
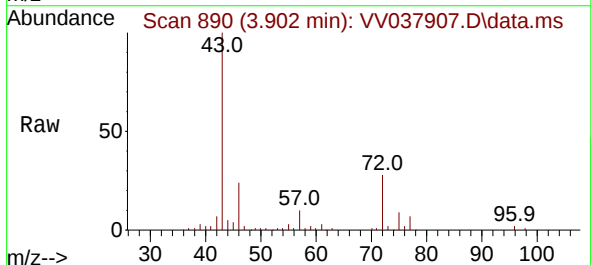


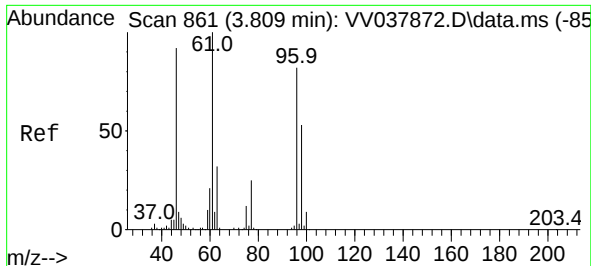
Tgt Ion: 63 Resp: 215068
Ion Ratio Lower Upper
63 100
65 31.6 21.8 40.4
83 13.4 9.9 18.3



#21
2-Butanone
Concen: 43.317 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.010 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

Tgt Ion: 43 Resp: 225655
Ion Ratio Lower Upper
43 100
72 26.9 13.0 38.9





#22

cis-1,2-Dichloroethene

Concen: 4.545 ug/L

RT: 3.806 min Scan# 861

Delta R.T. -0.003 min

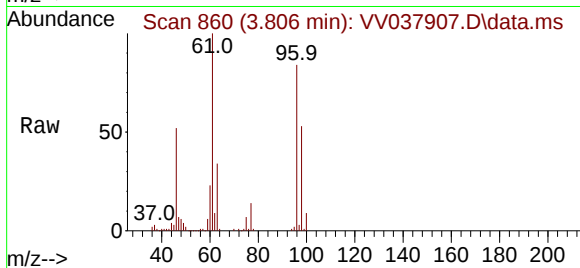
Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :



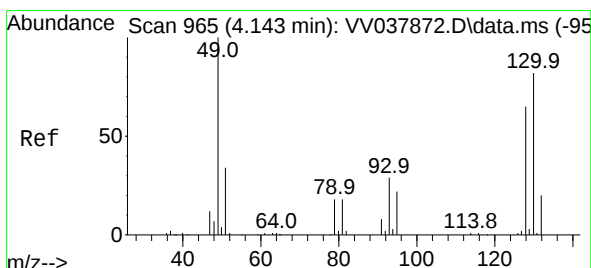
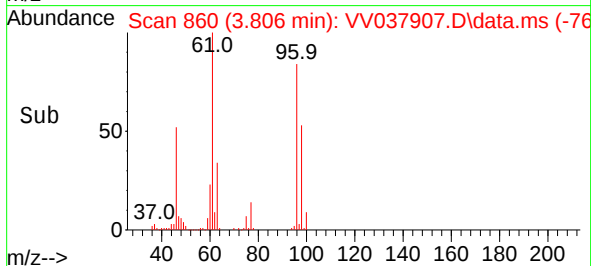
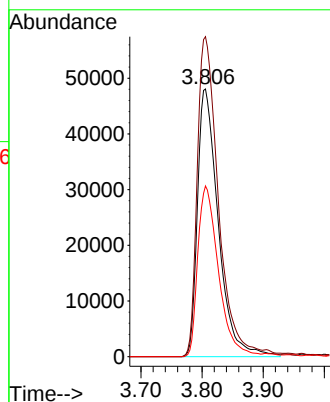
Tgt Ion: 96 Resp: 113837

Ion Ratio Lower Upper

96 100

61 119.5 85.5 158.9

98 63.7 45.5 84.5



#23

Bromochloromethane

Concen: 4.870 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Tgt Ion:128 Resp: 56599

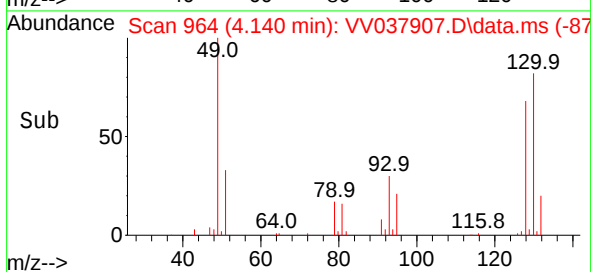
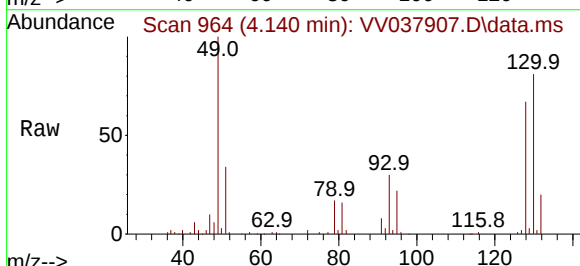
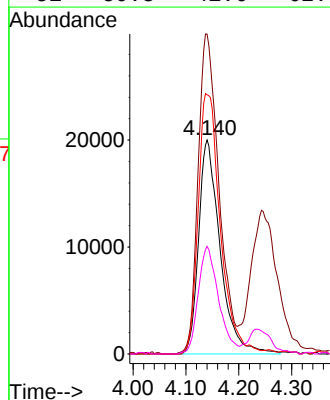
Ion Ratio Lower Upper

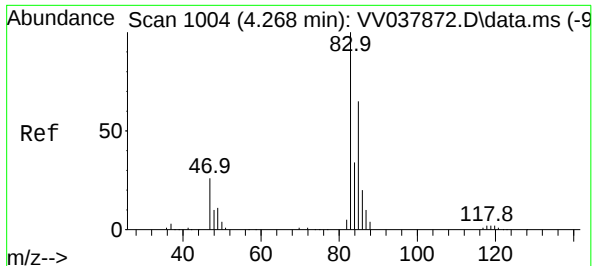
128 100

49 149.6 107.0 198.6

130 121.2 88.0 163.4

51 50.3 41.6 62.4





#25

Chloroform

Concen: 4.953 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

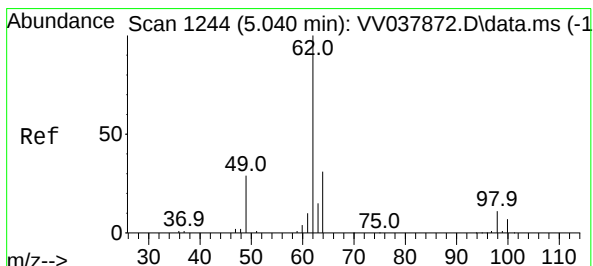
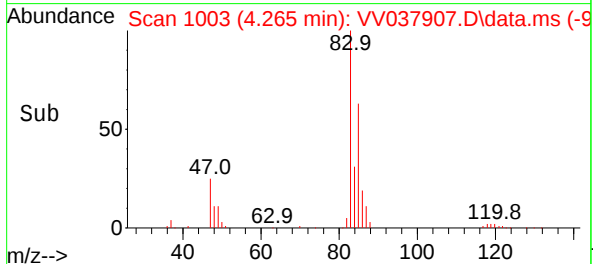
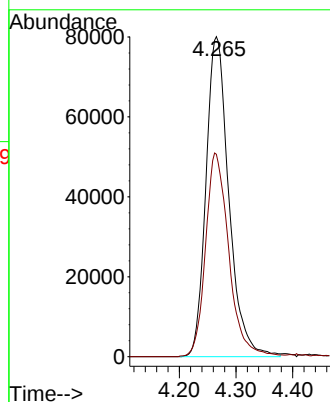
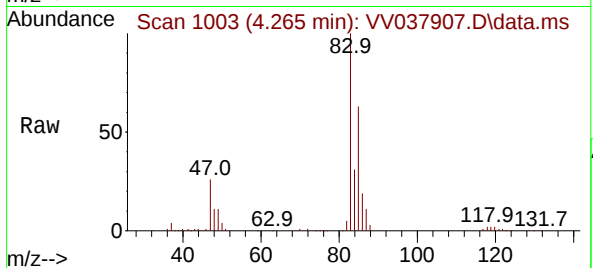
ClientSampleId :

Tgt Ion: 83 Resp: 224561

Ion Ratio Lower Upper

83 100

85 63.3 45.3 84.1



#27

1,2-Dichloroethane

Concen: 4.975 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.006 min

Lab File: VV037907.D

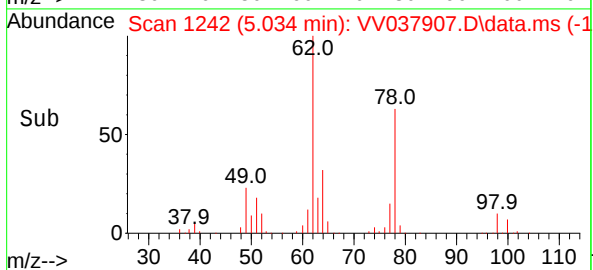
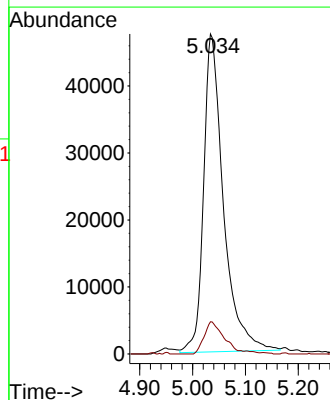
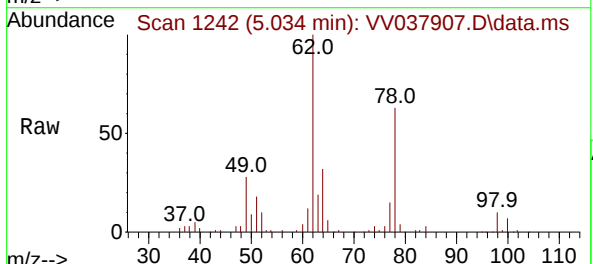
Acq: 22 Oct 2024 08:51

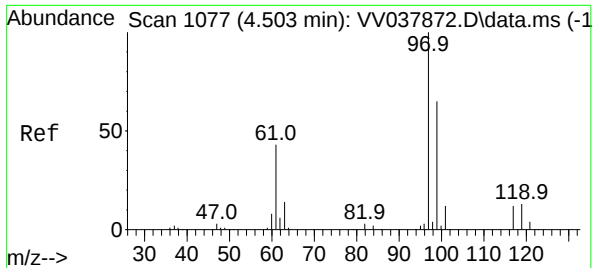
Tgt Ion: 62 Resp: 123682

Ion Ratio Lower Upper

62 100

98 10.1 8.8 13.2

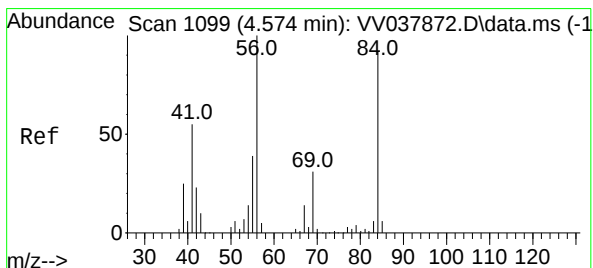
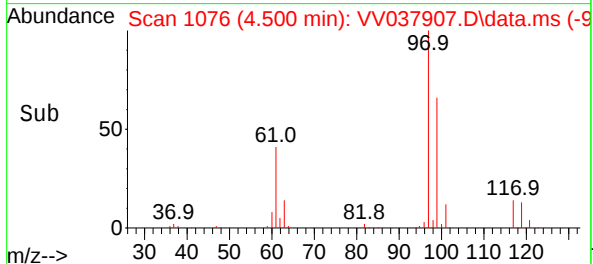
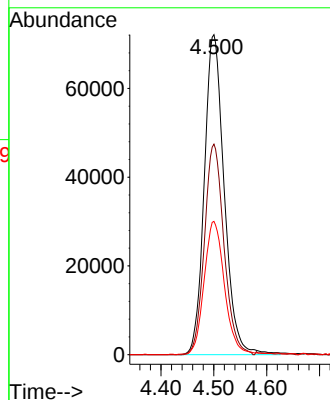
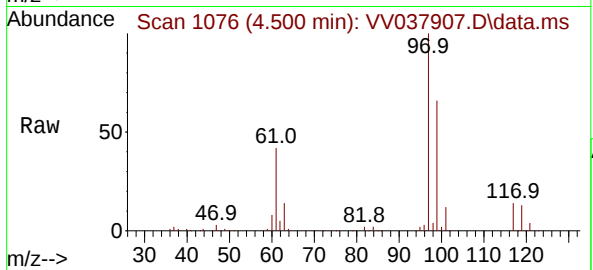




#29
1,1,1-Trichloroethane
Concen: 4.851 ug/L
RT: 4.500 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

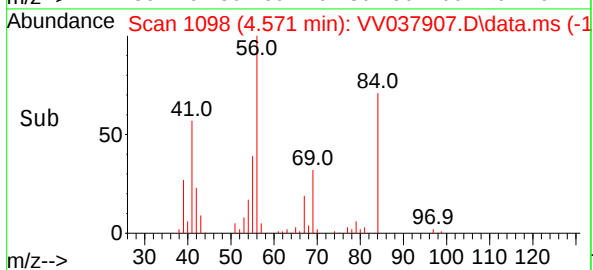
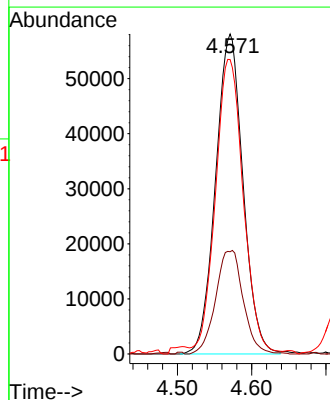
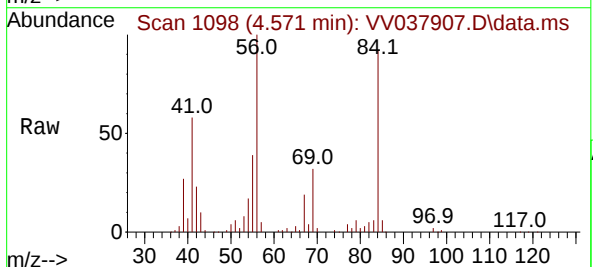
Instrument :
MSVOA_V
ClientSampleId :

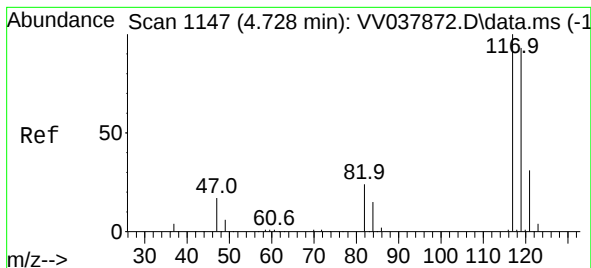
Tgt Ion: 97 Resp: 189046
Ion Ratio Lower Upper
97 100
99 64.6 51.9 77.9
61 42.8 33.9 50.9



#30
Cyclohexane
Concen: 4.413 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.003 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

Tgt Ion: 56 Resp: 149085
Ion Ratio Lower Upper
56 100
69 32.5 25.3 37.9
84 92.5 73.9 110.9





#31

Carbon tetrachloride

Concen: 4.923 ug/L

RT: 4.722 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

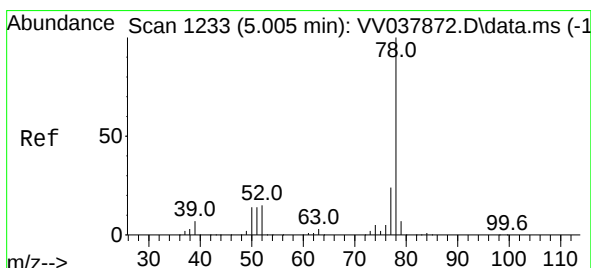
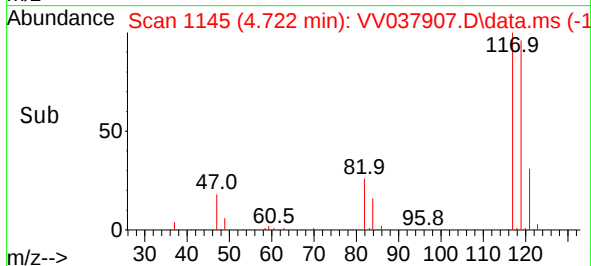
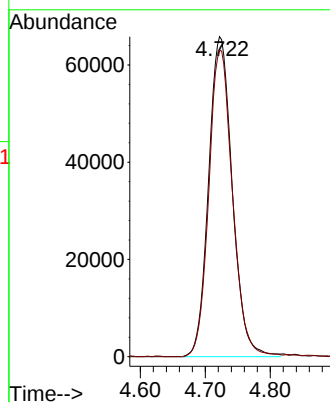
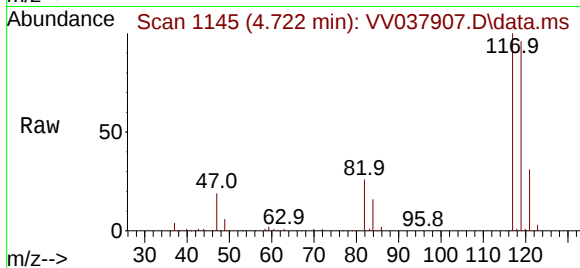
ClientSampleId :

Tgt Ion:117 Resp: 166650

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.0



#33

Benzene

Concen: 4.853 ug/L

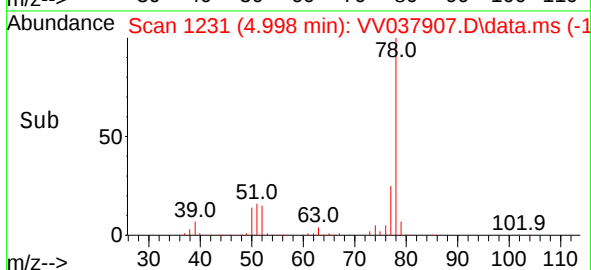
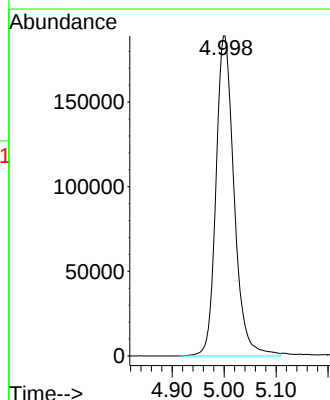
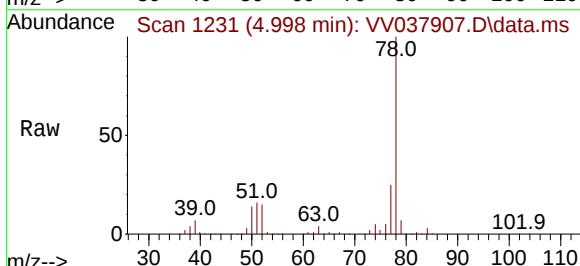
RT: 4.998 min Scan# 1231

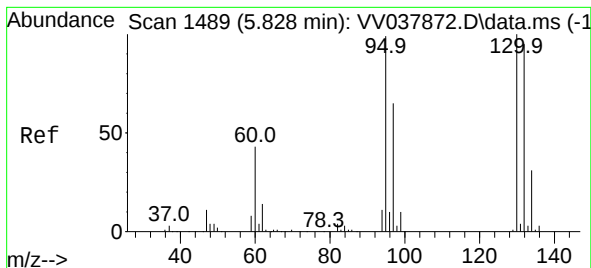
Delta R.T. -0.006 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Tgt Ion: 78 Resp: 458532





#34

Trichloroethene

Concen: 4.759 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 121022

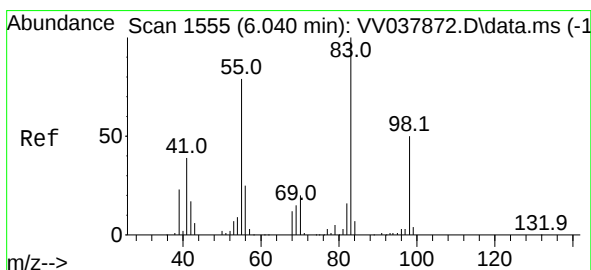
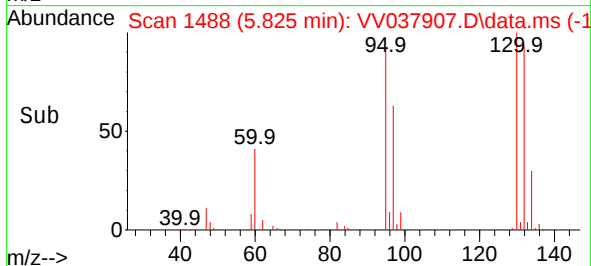
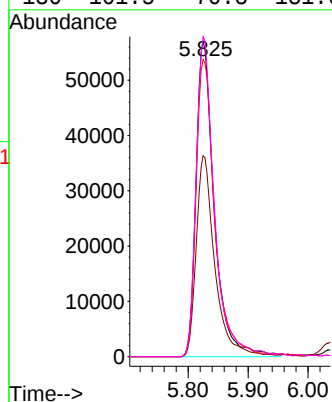
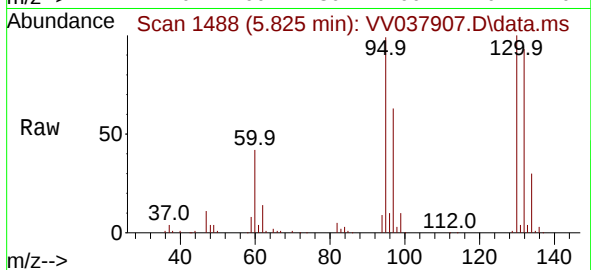
Ion Ratio Lower Upper

95 100

97 63.7 46.1 85.5

132 94.3 67.3 124.9

130 101.5 70.8 131.6



#35

Methylcyclohexane

Concen: 4.551 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

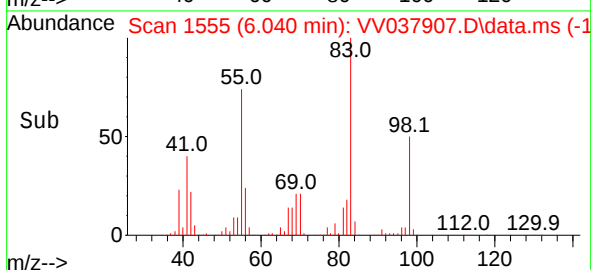
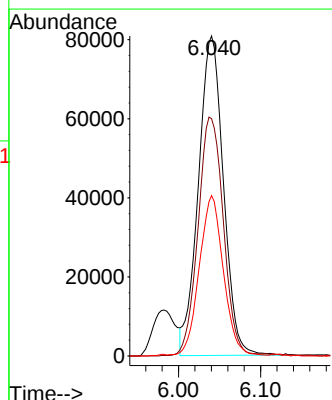
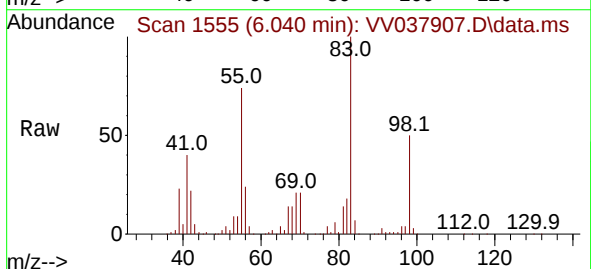
Tgt Ion: 83 Resp: 171331

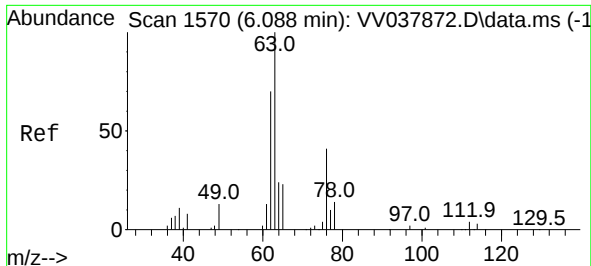
Ion Ratio Lower Upper

83 100

55 75.7 59.7 89.5

98 47.7 37.8 56.6

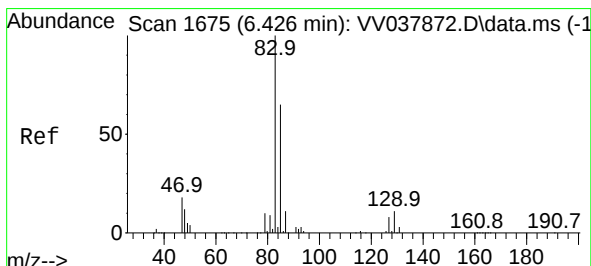
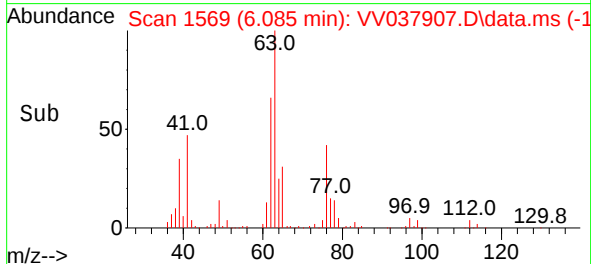
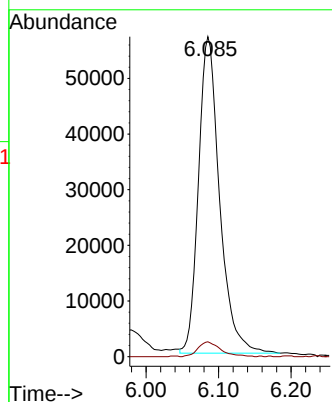
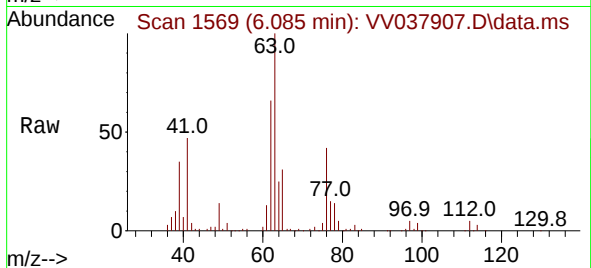




#37
1,2-Dichloropropane
Concen: 4.843 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

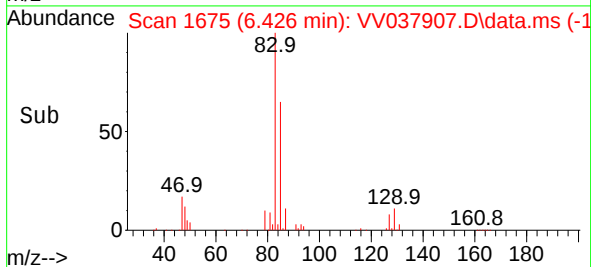
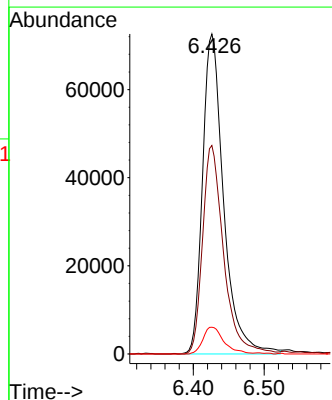
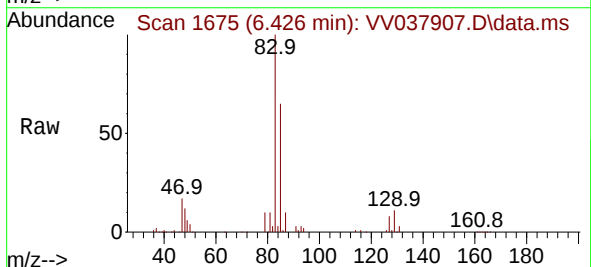
Instrument :
MSVOA_V
ClientSampleId :

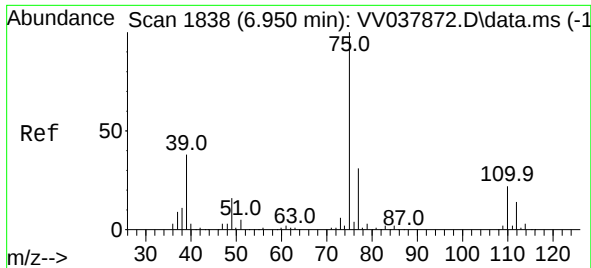
Tgt Ion: 63 Resp: 115161
Ion Ratio Lower Upper
63 100
112 5.1 3.9 5.9



#38
Bromodichloromethane
Concen: 4.878 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

Tgt Ion: 83 Resp: 150062
Ion Ratio Lower Upper
83 100
85 65.1 45.3 84.1
127 8.4 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.563 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.003 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

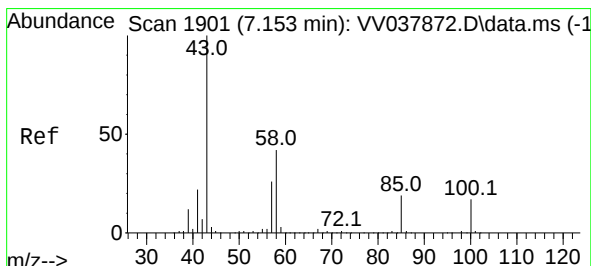
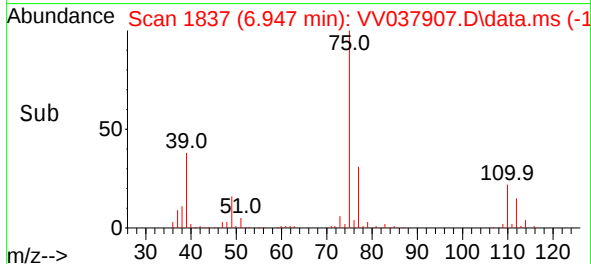
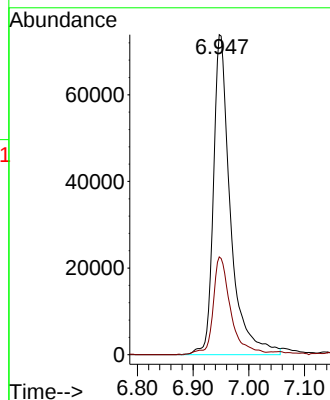
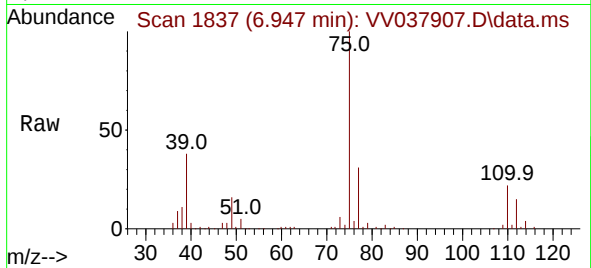
ClientSampleId :

Tgt Ion: 75 Resp: 157082

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 48.591 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

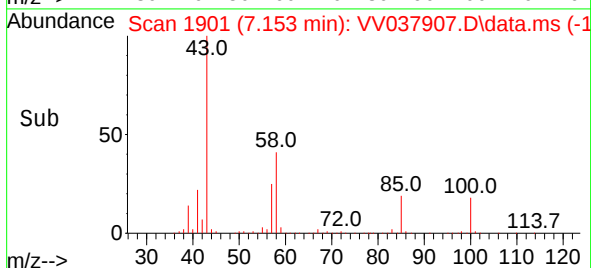
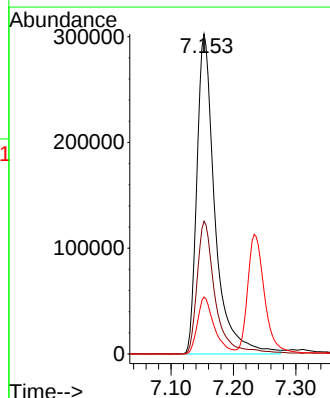
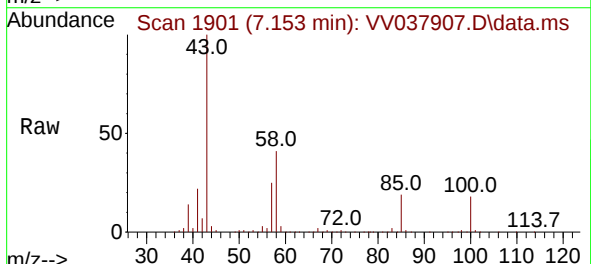
Tgt Ion: 43 Resp: 608783

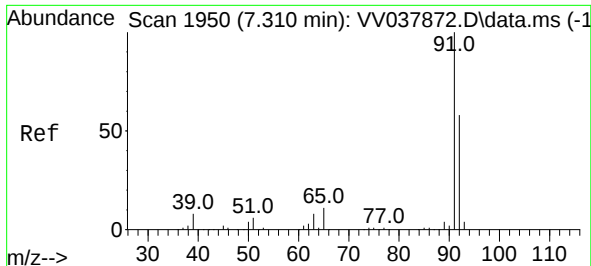
Ion Ratio Lower Upper

43 100

58 41.9 34.3 51.5

100 16.7 13.3 19.9





#42

Toluene

Concen: 5.082 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

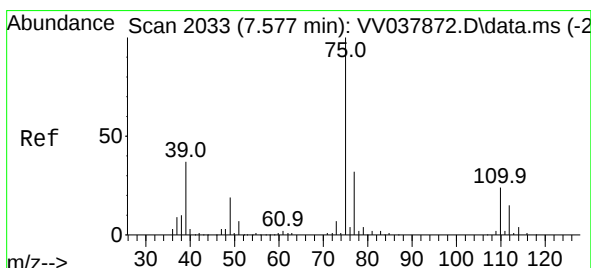
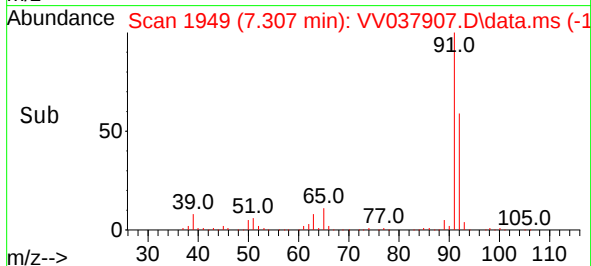
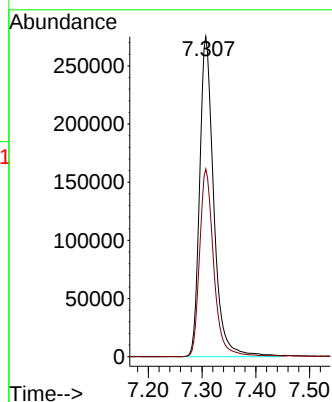
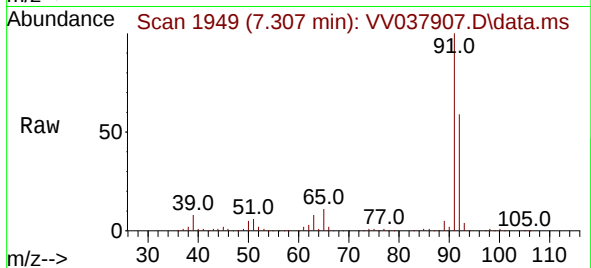
ClientSampleId :

Tgt Ion: 91 Resp: 501524

Ion Ratio Lower Upper

91 100

92 58.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 4.780 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV037907.D

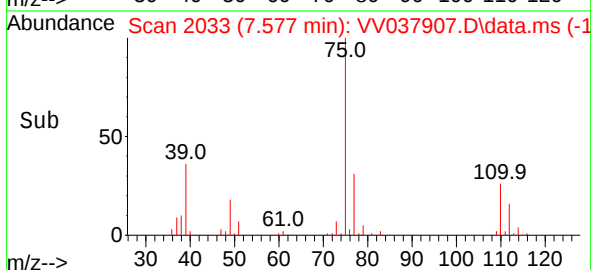
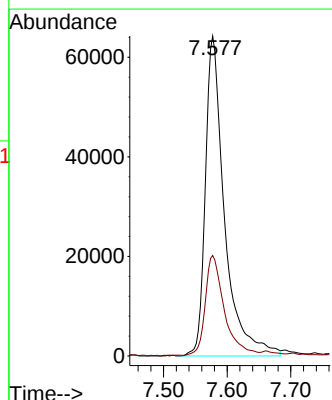
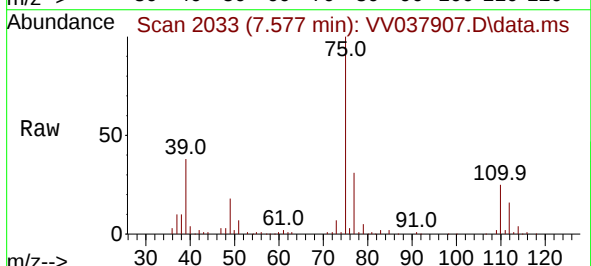
Acq: 22 Oct 2024 08:51

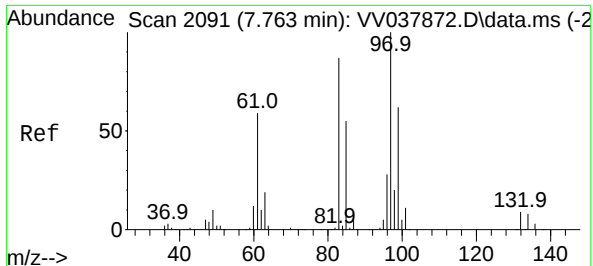
Tgt Ion: 75 Resp: 134529

Ion Ratio Lower Upper

75 100

77 31.4 22.4 41.6

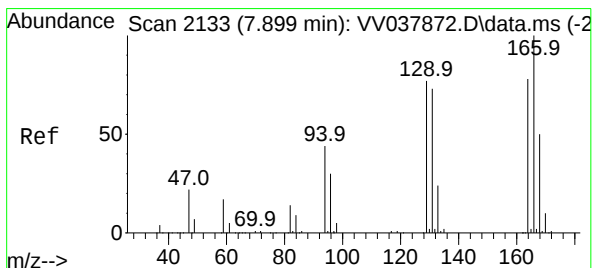
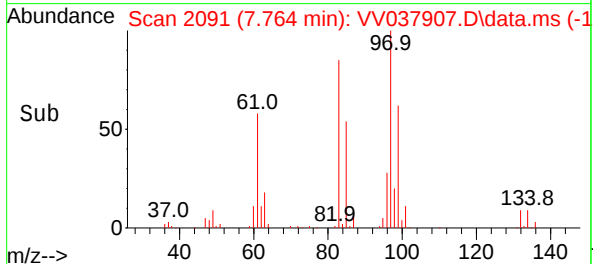
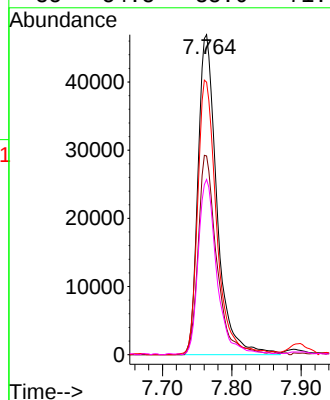
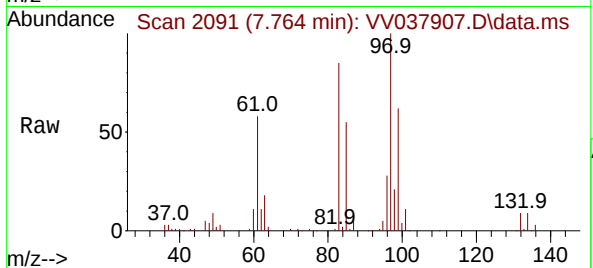




#45
1,1,2-Trichloroethane
Concen: 5.045 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

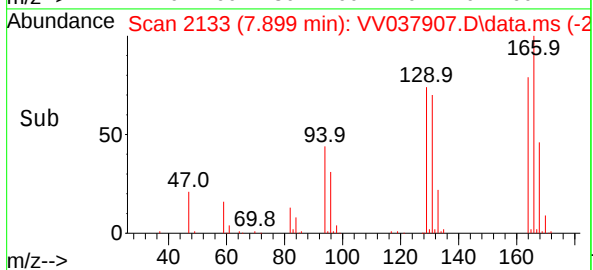
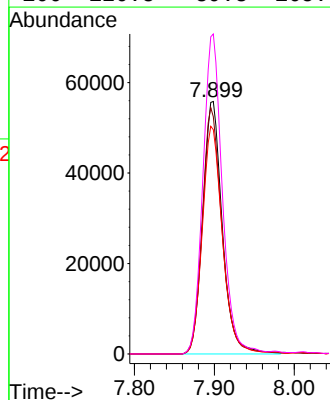
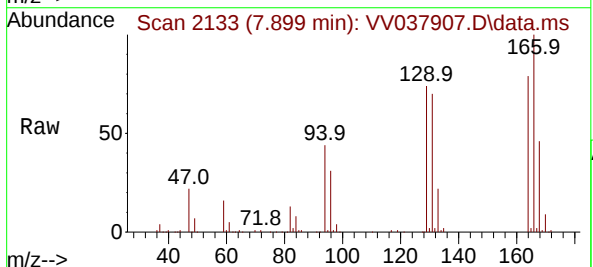
Instrument :
MSVOA_V
ClientSampleId :

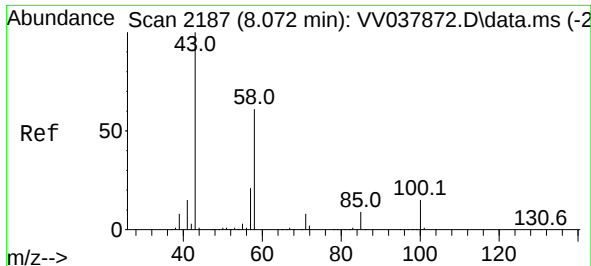
Tgt Ion:	97	Resp:	89181
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.5	80.7
83	85.2	61.0	113.2
85	54.8	38.6	71.6



#47
Tetrachloroethene
Concen: 4.794 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

Tgt Ion:	164	Resp:	95191
Ion	Ratio	Lower	Upper
164	100		
129	94.0	68.7	127.7
131	88.9	65.0	120.8
166	126.8	89.3	165.9





#48

2-Hexanone

Concen: 48.801 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 439804

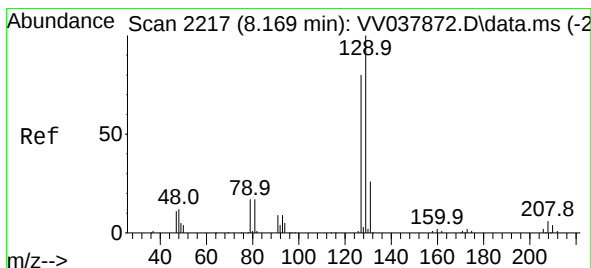
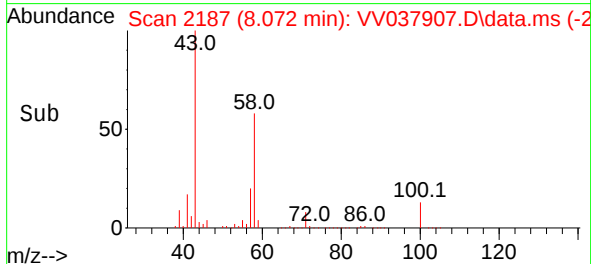
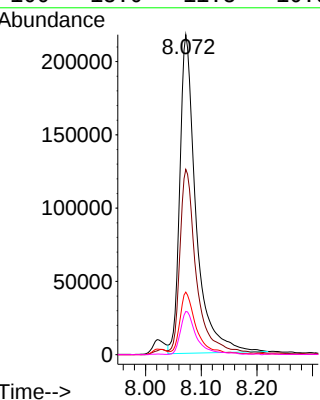
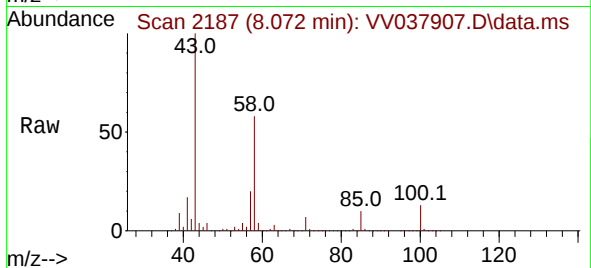
Ion Ratio Lower Upper

43 100

58 57.8 47.8 71.6

57 18.4 15.4 23.0

100 13.0 11.3 16.9



#49

Dibromochloromethane

Concen: 5.079 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV037907.D

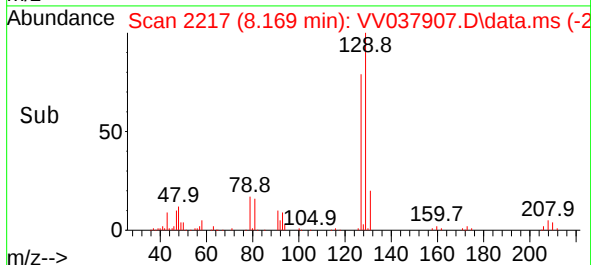
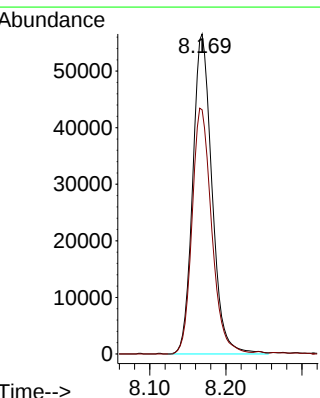
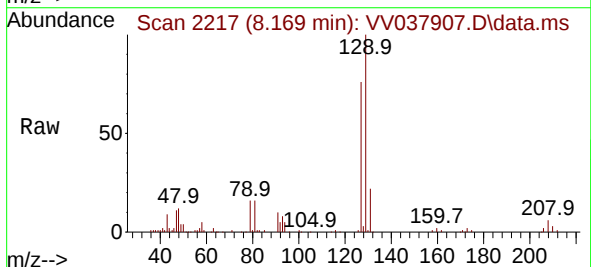
Acq: 22 Oct 2024 08:51

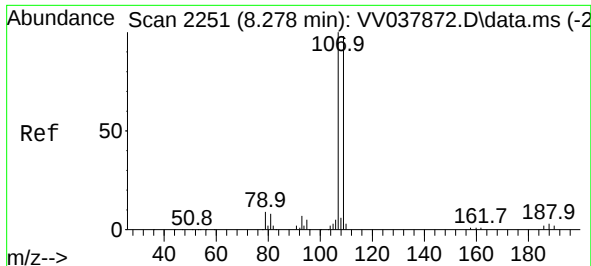
Tgt Ion:129 Resp: 99564

Ion Ratio Lower Upper

129 100

127 76.3 55.8 103.6





#50

1,2-Dibromoethane

Concen: 4.956 ug/L

RT: 8.275 min Scan# 2415

Delta R.T. -0.003 min MSVOA_V

Lab File: VV037907.D

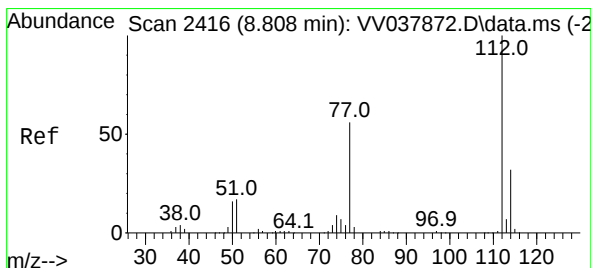
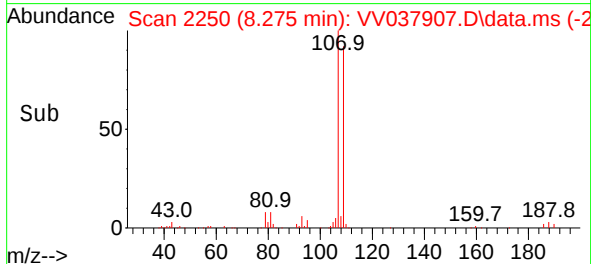
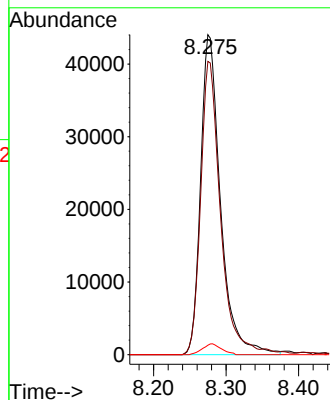
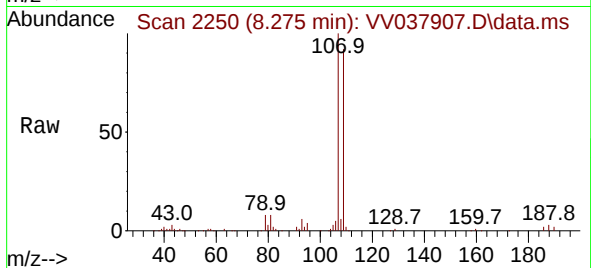
Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	83818
Ion	Ratio	Lower	Upper
107	100		
109	91.6	68.3	126.9
188	3.0	2.7	4.1



#51

Chlorobenzene

Concen: 4.819 ug/L

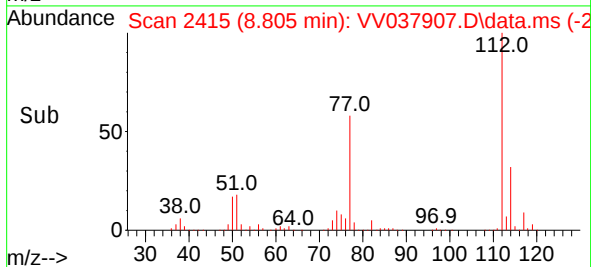
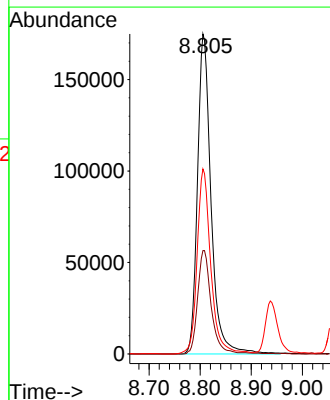
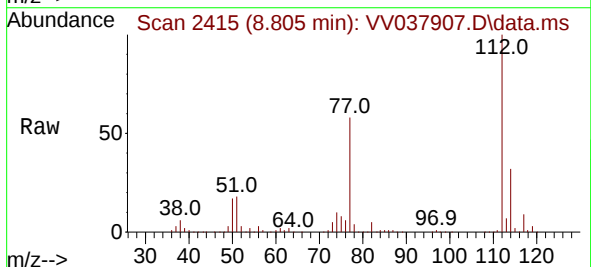
RT: 8.805 min Scan# 2415

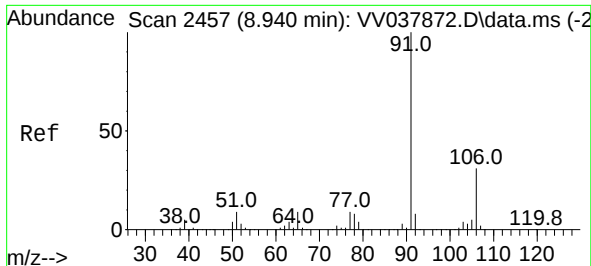
Delta R.T. -0.003 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Tgt Ion:	112	Resp:	322395
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.0	41.0
77	57.8	45.3	67.9





#52

Ethylbenzene

Concen: 4.766 ug/L

RT: 8.937 min Scan# 2457

Delta R.T. -0.003 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

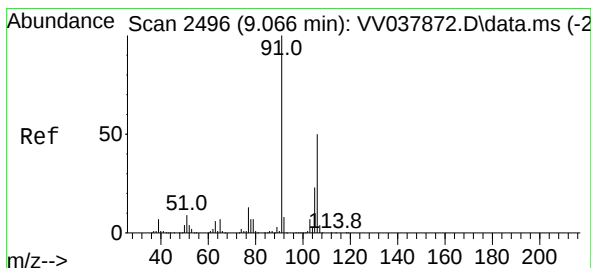
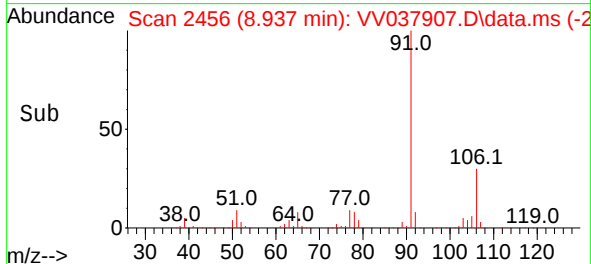
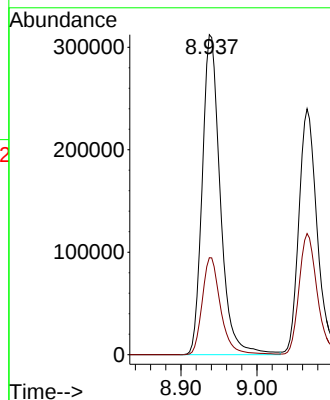
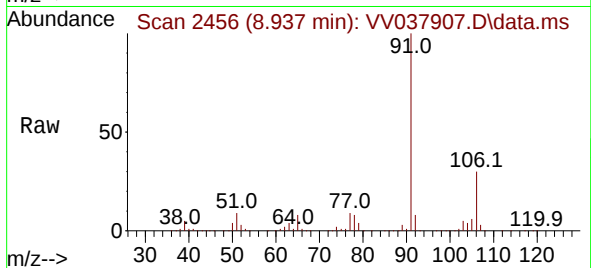
ClientSampleId :

Tgt Ion: 91 Resp: 514395

Ion Ratio Lower Upper

91 100

106 30.3 21.6 40.0



#53

m,p-Xylene

Concen: 5.015 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.000 min

Lab File: VV037907.D

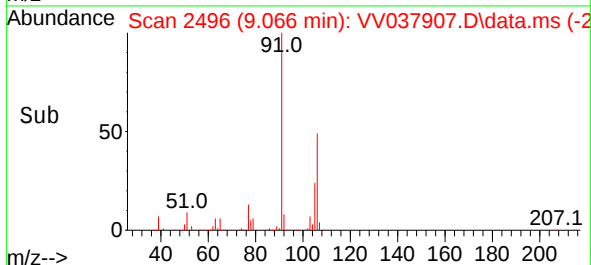
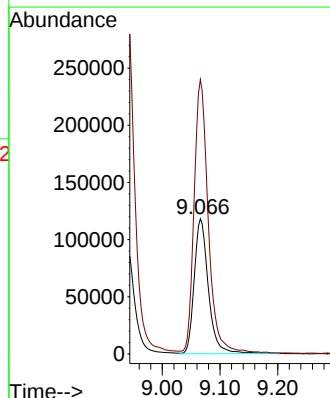
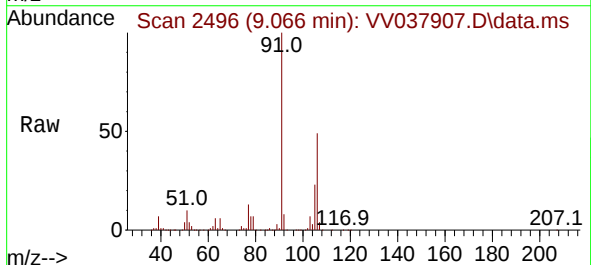
Acq: 22 Oct 2024 08:51

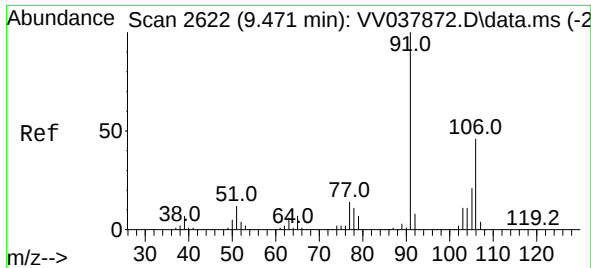
Tgt Ion:106 Resp: 201450

Ion Ratio Lower Upper

106 100

91 202.9 140.0 260.0

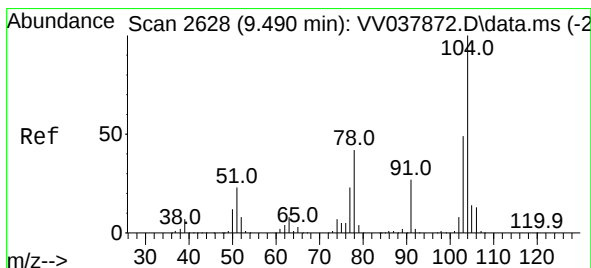
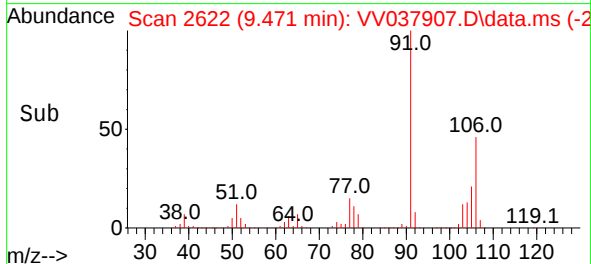
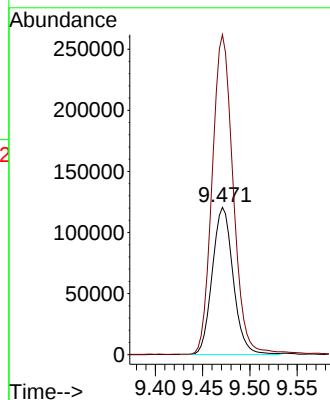
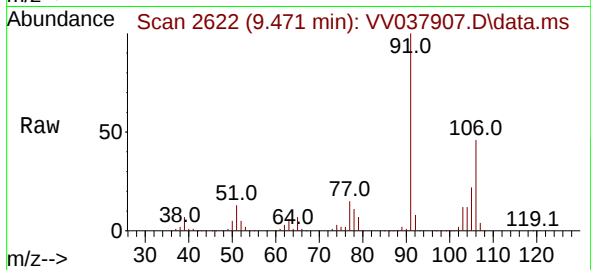




#54
o-Xylene
Concen: 4.722 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

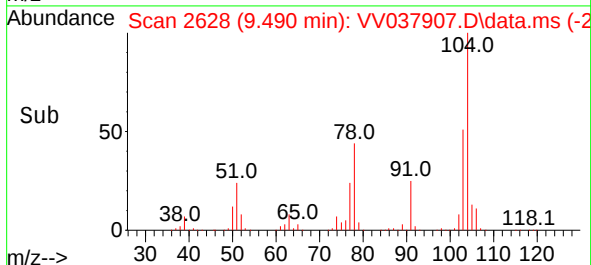
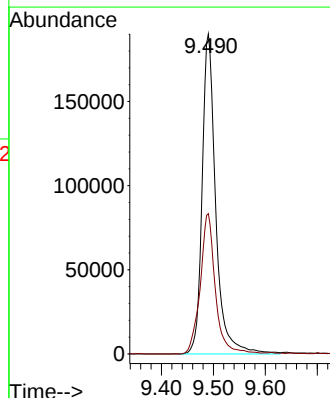
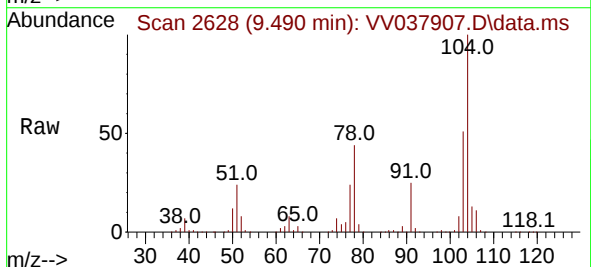
Instrument :
MSVOA_V
ClientSampleId :

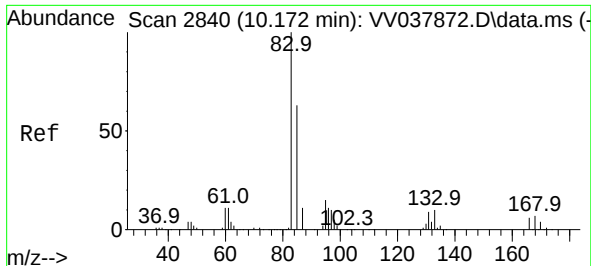
Tgt Ion:106 Resp: 185329
Ion Ratio Lower Upper
106 100
91 217.1 152.1 282.5



#55
Styrene
Concen: 5.139 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

Tgt Ion:104 Resp: 346072
Ion Ratio Lower Upper
104 100
78 43.9 29.7 55.1

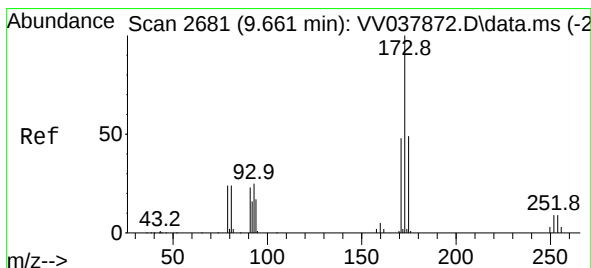
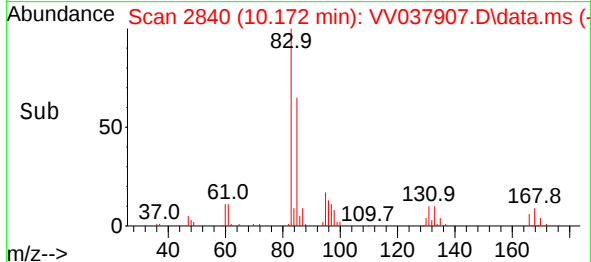
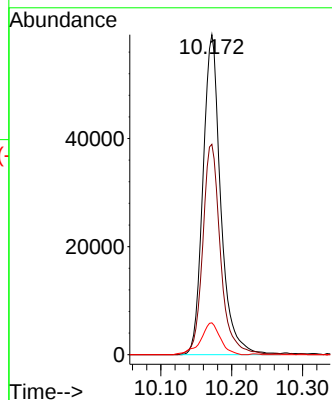
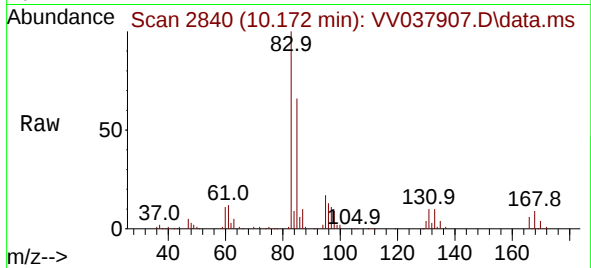




#57
1,1,2,2-Tetrachloroethane
Concen: 4.975 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

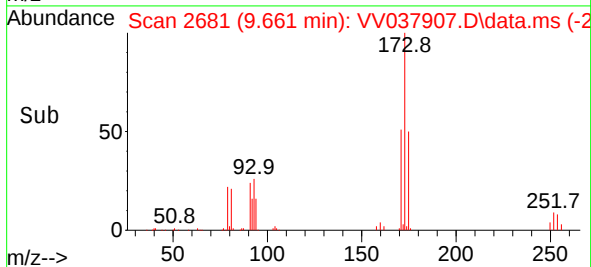
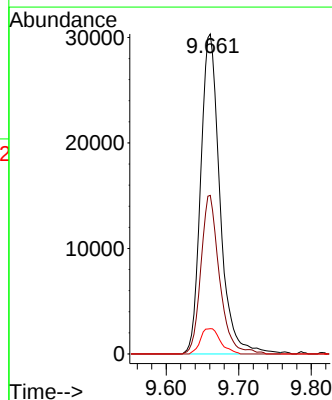
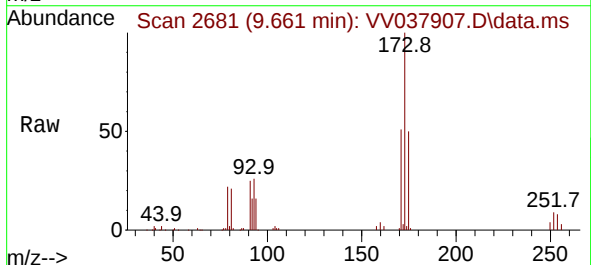
Instrument :
MSVOA_V
ClientSampleId :

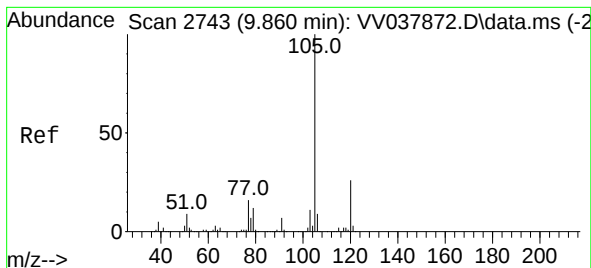
Tgt Ion: 83 Resp: 103144
Ion Ratio Lower Upper
83 100
85 65.8 44.3 82.3
131 10.0 7.8 11.8



#59
Bromoform
Concen: 5.012 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

Tgt Ion: 173 Resp: 55742
Ion Ratio Lower Upper
173 100
175 48.1 40.3 60.5
254 8.3 7.3 10.9





#60

Isopropylbenzene

Concen: 4.576 ug/L

RT: 9.860 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

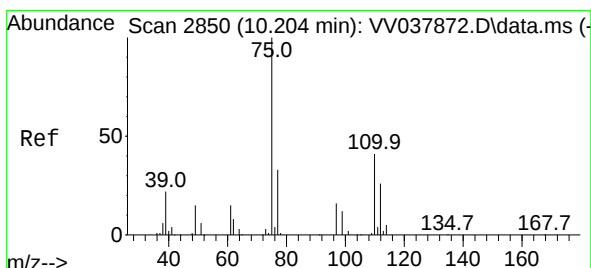
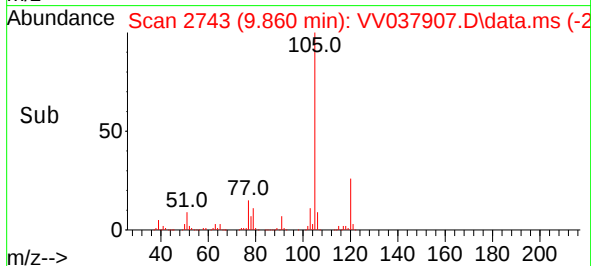
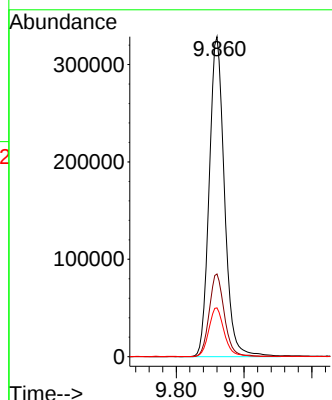
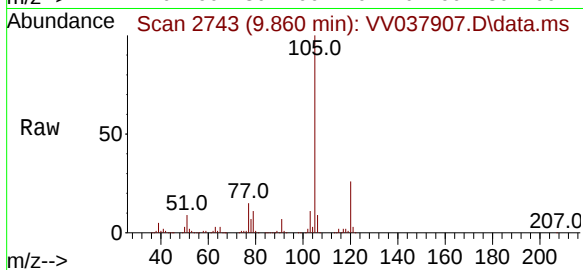
Tgt Ion:105 Resp: 512386

Ion Ratio Lower Upper

105 100

120 25.9 21.2 31.8

77 15.4 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 4.561 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

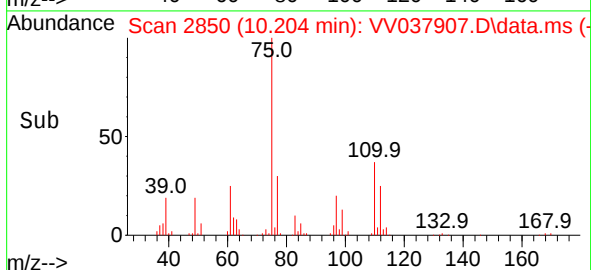
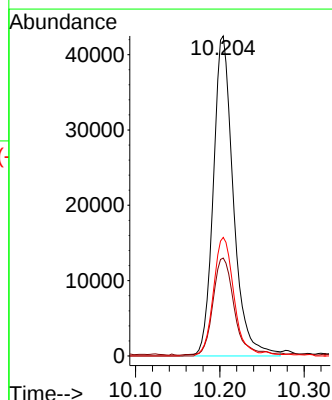
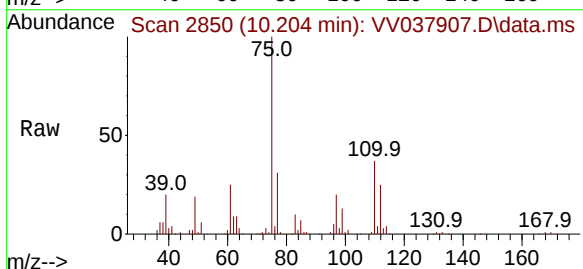
Tgt Ion: 75 Resp: 70269

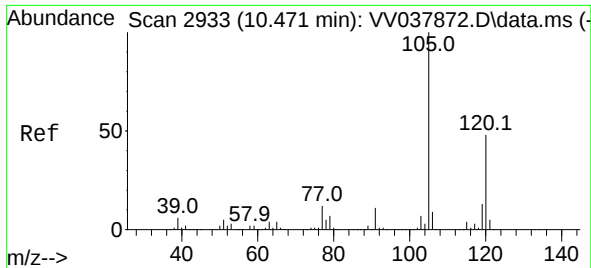
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

110 37.6 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 4.452 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.003 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

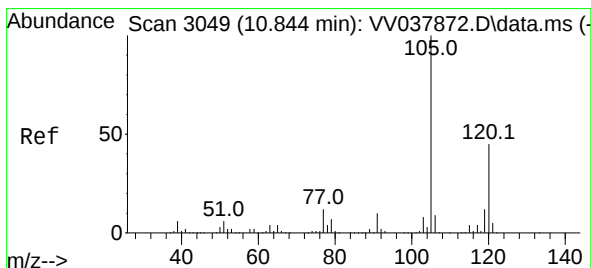
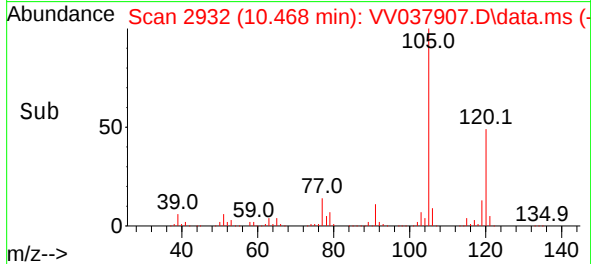
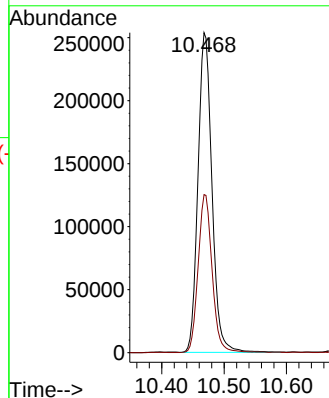
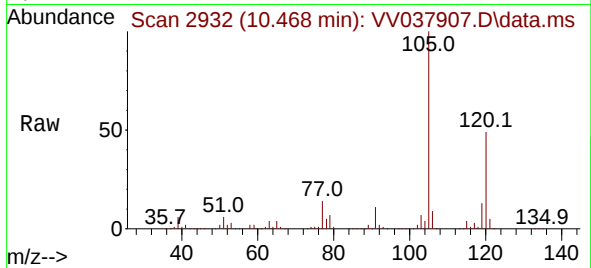
ClientSampleId :

Tgt Ion:105 Resp: 394045

Ion Ratio Lower Upper

105 100

120 49.6 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 4.523 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VV037907.D

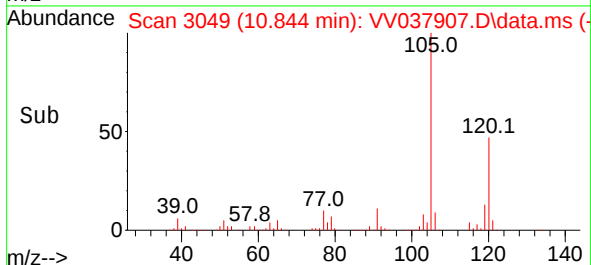
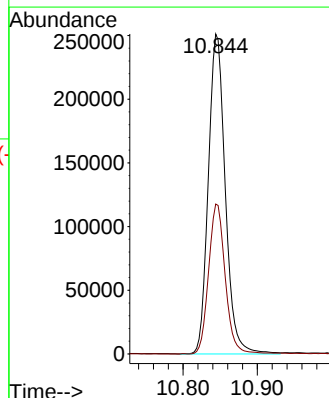
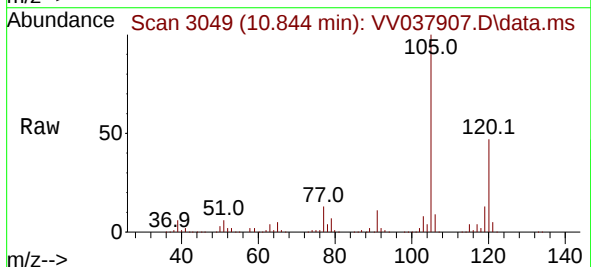
Acq: 22 Oct 2024 08:51

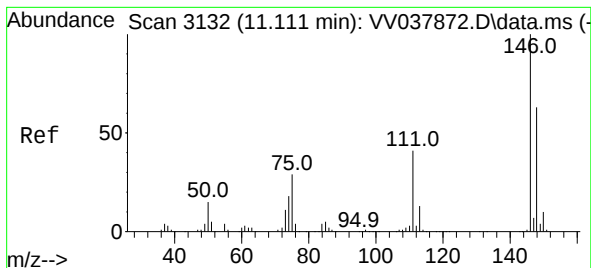
Tgt Ion:105 Resp: 397737

Ion Ratio Lower Upper

105 100

120 46.2 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 4.679 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

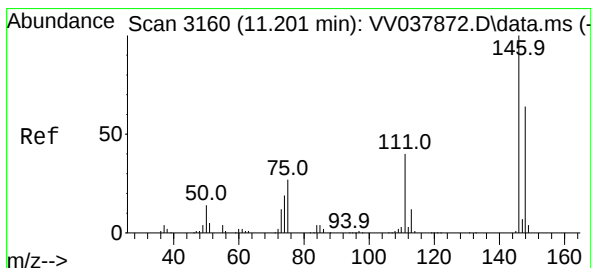
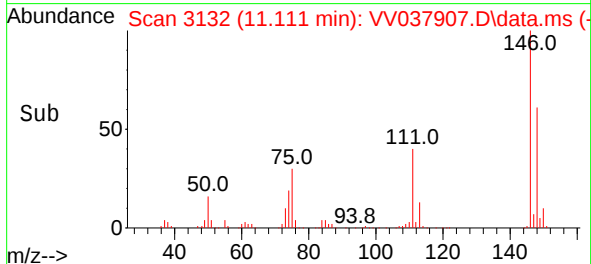
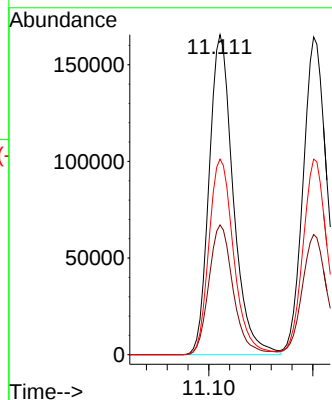
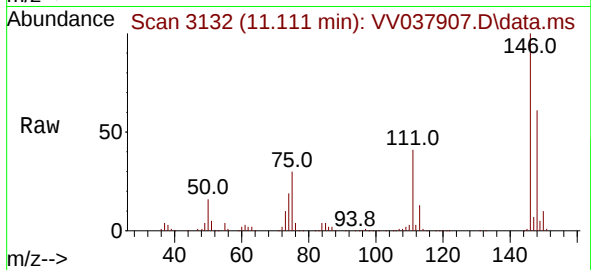
Tgt Ion:146 Resp: 266908

Ion Ratio Lower Upper

146 100

111 40.6 28.6 53.0

148 61.1 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 4.658 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

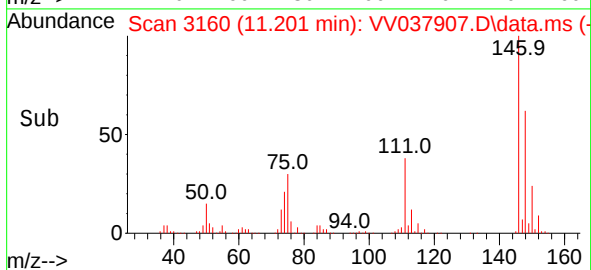
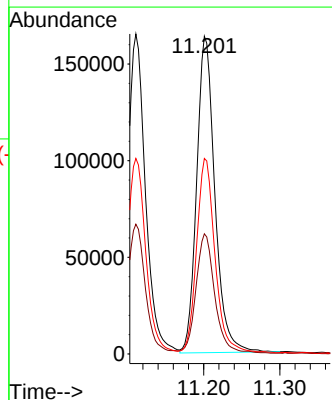
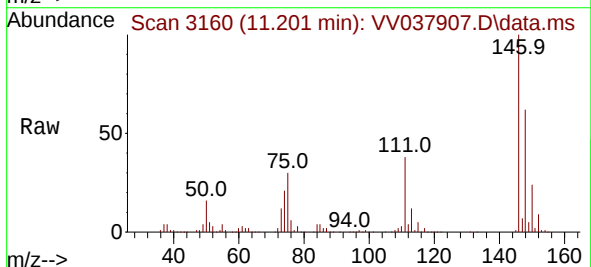
Tgt Ion:146 Resp: 272448

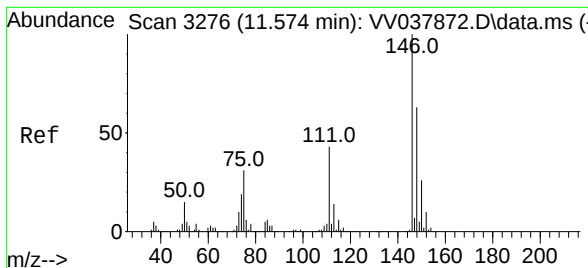
Ion Ratio Lower Upper

146 100

111 37.8 28.1 52.1

148 61.6 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 4.617 ug/L

RT: 11.571 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

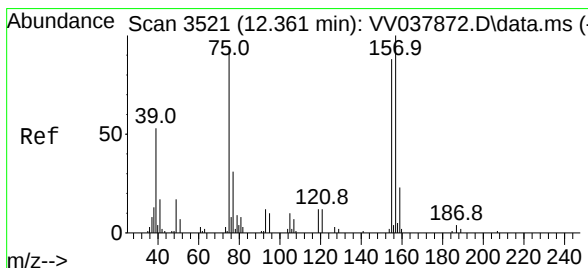
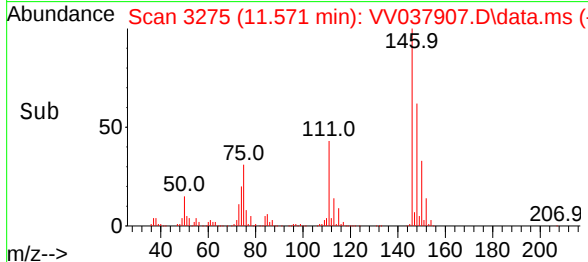
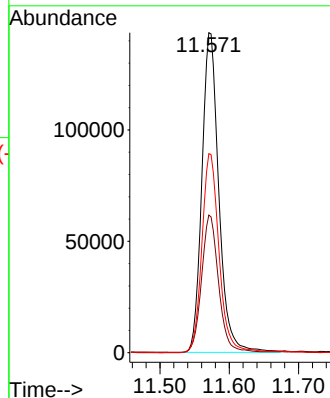
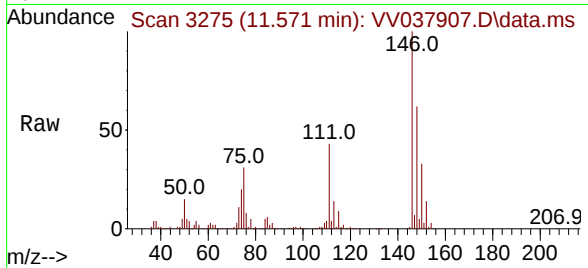
Tgt Ion:146 Resp: 243595

Ion Ratio Lower Upper

146 100

111 43.0 34.6 51.8

148 62.2 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.462 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

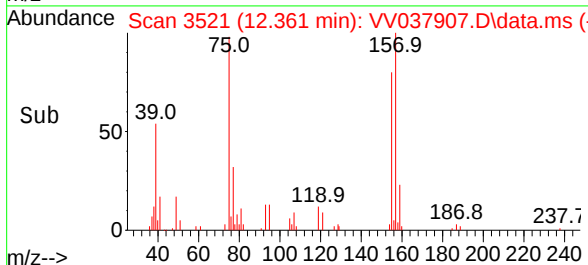
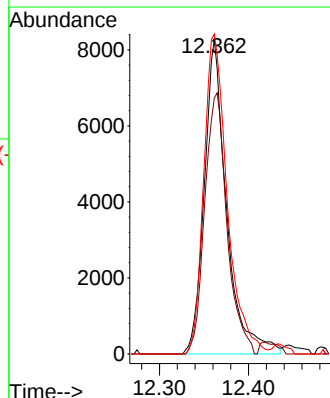
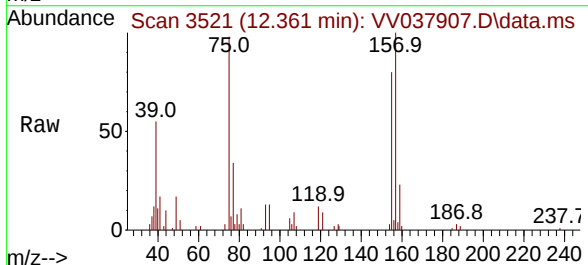
Tgt Ion: 75 Resp: 14373

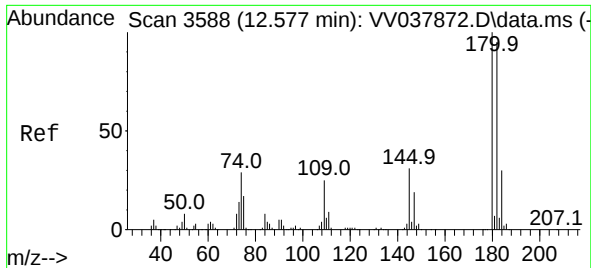
Ion Ratio Lower Upper

75 100

155 81.5 74.8 112.2

157 101.9 85.2 127.8





#69

1,3,5-Trichlorobenzene

Concen: 4.458 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.003 min

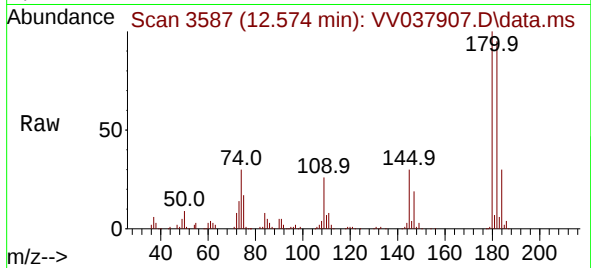
Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 183361

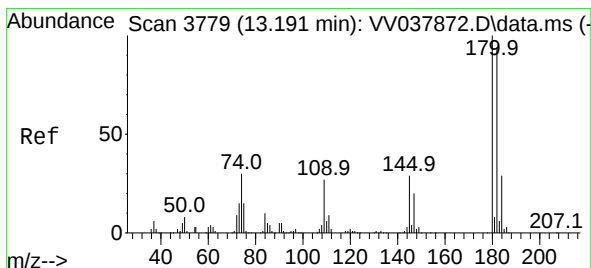
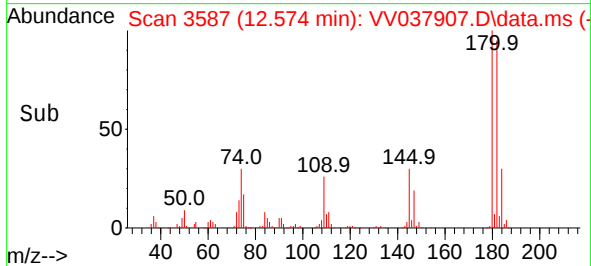
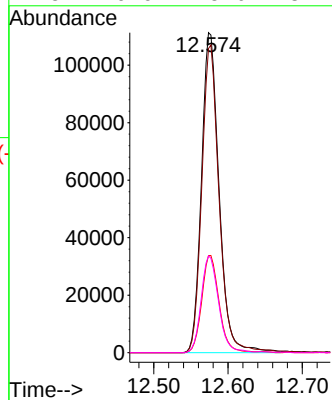
Ion Ratio Lower Upper

180 100

182 94.9 75.1 112.7

184 29.9 24.0 36.0

145 29.9 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 4.140 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV037907.D

Acq: 22 Oct 2024 08:51

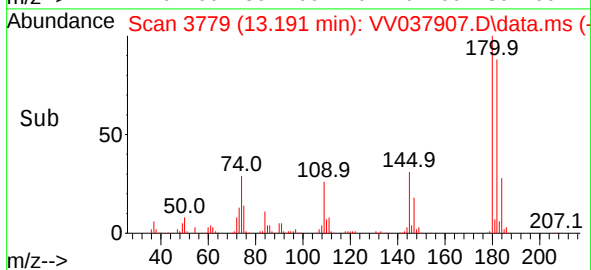
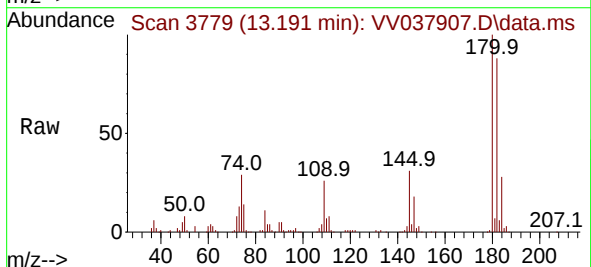
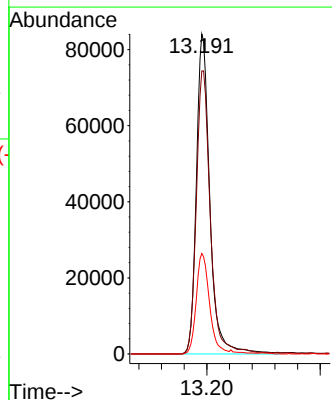
Tgt Ion:180 Resp: 138691

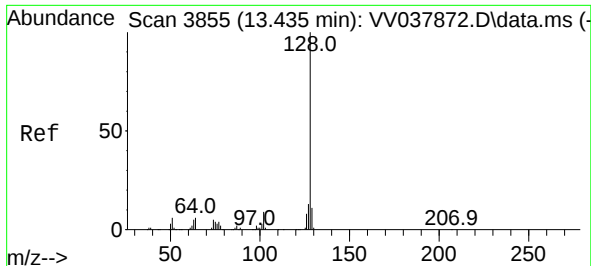
Ion Ratio Lower Upper

180 100

182 90.6 74.6 112.0

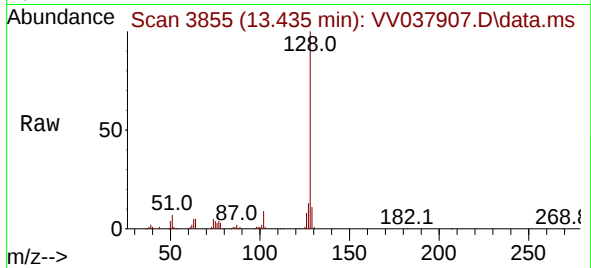
145 30.8 24.2 36.2



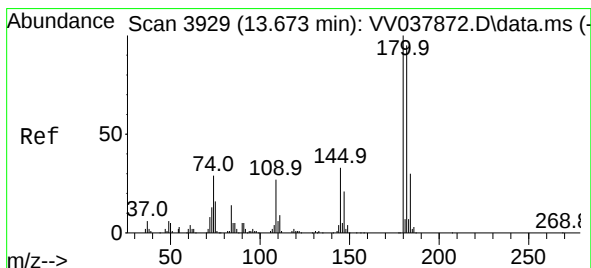
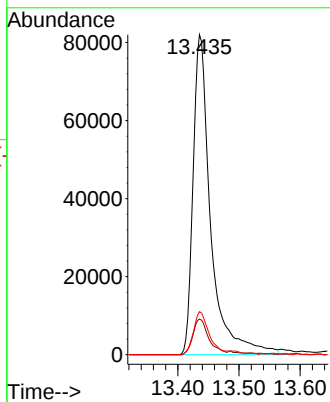
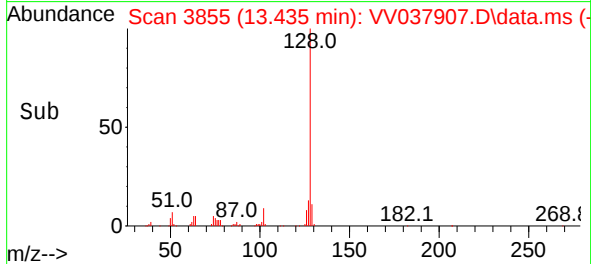


#71
Naphthalene
Concen: 3.158 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51

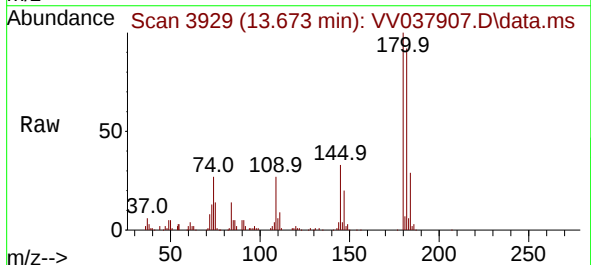
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 164395
Ion Ratio Lower Upper
128 100
129 10.1 8.4 12.6
127 12.2 9.7 14.5



#72
1,2,3-Trichlorobenzene
Concen: 4.002 ug/L
RT: 13.673 min Scan# 3929
Delta R.T. 0.000 min
Lab File: VV037907.D
Acq: 22 Oct 2024 08:51



Tgt Ion:180 Resp: 118632
Ion Ratio Lower Upper
180 100
182 93.8 77.0 115.6
145 33.7 27.3 40.9

