

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110824\
 Data File : VV037991.D
 Acq On : 08 Nov 2024 20:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 09 04:23:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 02:20:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	278579	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	277026	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	149671	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	80135	3.758	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.529	69	75282	4.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.053	65	35310	3.816	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.815	46	244403	61.497	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.000%
24) Chloroform-d	4.240	84	188415	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.937	65	88348	5.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	4.953	84	331298	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	5.982	67	106715	5.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.236	98	302473	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.551	79	36963	4.582	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.021	63	225634	71.974	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	143.940%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	101326	6.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.400%#
66) 1,2-Dichlorobenzene-d4	11.554	152	122173	4.949	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	126748	4.558	ug/L	98
3) Chloromethane	1.214	50	130922	5.003	ug/L	99
5) Vinyl chloride	1.281	62	134520	5.166	ug/L	97
6) Bromomethane	1.484	94	69344	4.707	ug/L	98
8) Chloroethane	1.545	64	87052	5.619	ug/L	96
9) Trichlorofluoromethane	1.709	101	172397	4.765	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	92270	4.456	ug/L	99
12) 1,1-Dichloroethene	2.063	96	98618	5.183	ug/L	95
13) Acetone	2.153	43	172897	61.287	ug/L	96
14) Carbon disulfide	2.233	76	310371	4.808	ug/L	100
15) Methyl Acetate	2.391	43	40686	6.093	ug/L	99
16) Methylene chloride	2.442	84	121920	5.488	ug/L	99
17) Methyl tert-butyl Ether	2.703	73	254252	5.975	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	107878	5.249	ug/L	95
19) 1,1-Dichloroethane	3.105	63	202870	5.433	ug/L	99
21) 2-Butanone	3.896	43	257556	61.430	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	114831	5.302	ug/L	97
23) Bromochloromethane	4.143	128	57161	5.845	ug/L	92
25) Chloroform	4.269	83	218655	5.574	ug/L	100

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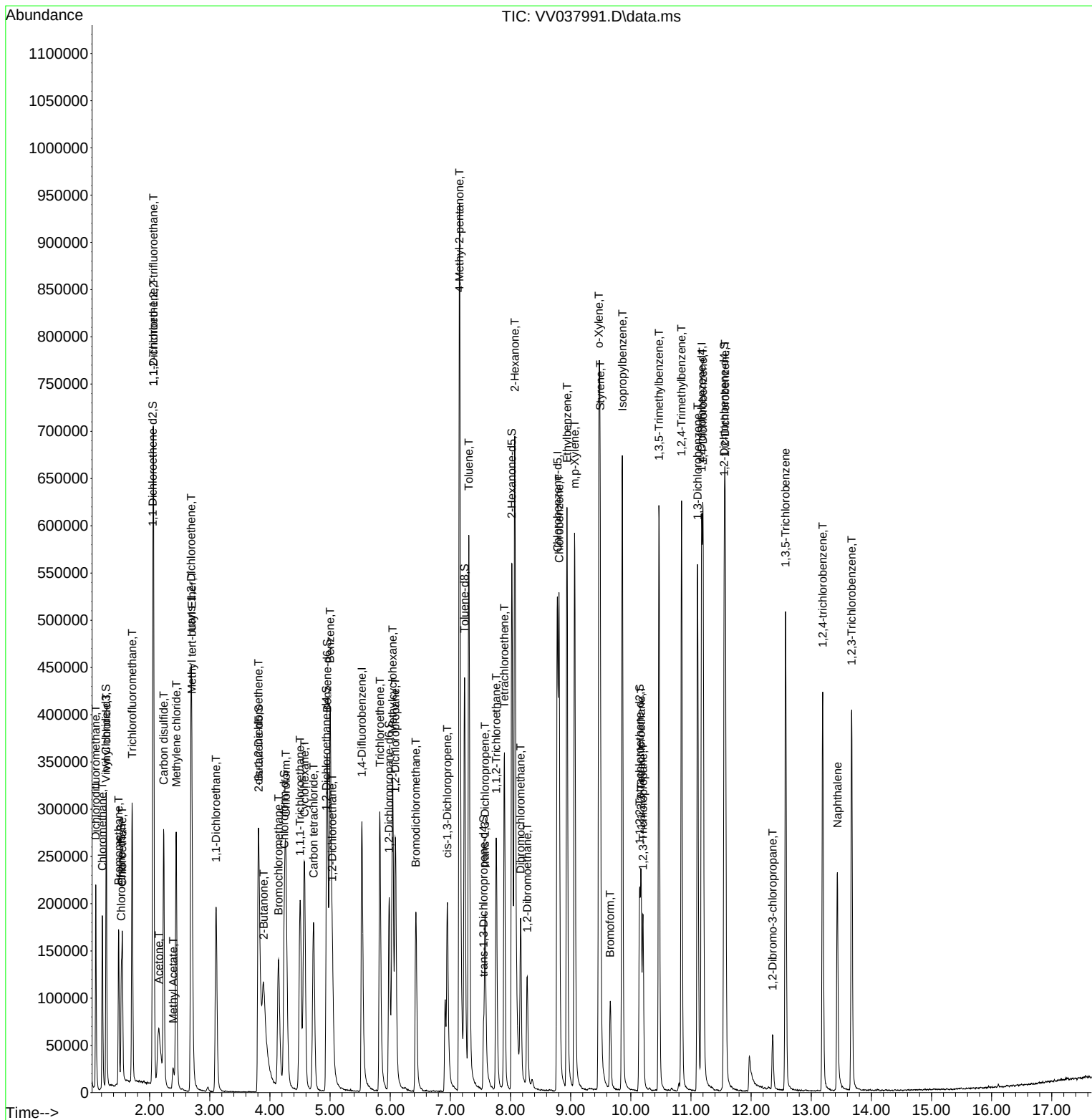
Instrument :
 MSVOA_V
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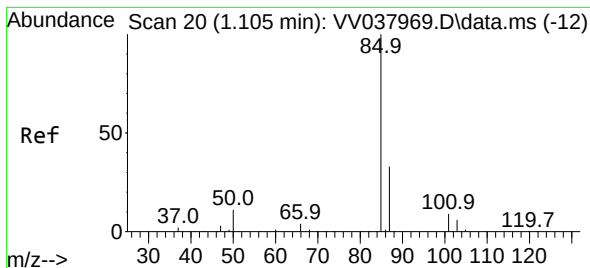
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	127851	5.883	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	173487	5.239	ug/L	100
30) Cyclohexane	4.574	56	125461	4.270	ug/L	99
31) Carbon tetrachloride	4.725	117	145099	4.993	ug/L	99
33) Benzene	5.002	78	433882	5.700	ug/L	100
34) Trichloroethene	5.828	95	115229	5.466	ug/L	96
35) Methylcyclohexane	6.040	83	127549	4.059	ug/L	96
37) 1,2-Dichloropropane	6.085	63	109985	5.780	ug/L	99
38) Bromodichloromethane	6.426	83	138635	5.492	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	144495	5.256	ug/L	95
40) 4-Methyl-2-pentanone	7.153	43	664720	69.424	ug/L	98
42) Toluene	7.307	91	456772	5.670	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	121729	5.370	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	91893	6.381	ug/L	98
47) Tetrachloroethene	7.899	164	83197	5.077	ug/L	98
48) 2-Hexanone	8.072	43	484049	71.469	ug/L	98
49) Dibromochloromethane	8.169	129	89464	5.434	ug/L	93
50) 1,2-Dibromoethane	8.278	107	85393	6.354	ug/L	97
51) Chlorobenzene	8.809	112	297566	5.401	ug/L	97
52) Ethylbenzene	8.940	91	450422	5.192	ug/L	99
53) m,p-Xylene	9.066	106	176060	5.319	ug/L	99
54) o-Xylene	9.471	106	169372	5.377	ug/L	99
55) Styrene	9.490	104	318473	5.871	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.172	83	111532	6.671	ug/L	100
59) Bromoform	9.657	173	45040	5.164	ug/L	100
60) Isopropylbenzene	9.860	105	433858	4.974	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	76171	6.508	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	331169	4.829	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	348336	5.149	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	232846	5.273	ug/L	97
65) 1,4-Dichlorobenzene	11.201	146	241619	5.298	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	222787	5.456	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	16333	6.428	ug/L	93
69) 1,3,5-Trichlorobenzene	12.574	180	155468	4.988	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	133470	5.454	ug/L	99
71) Naphthalene	13.435	128	201238	5.794	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	124347	5.893	ug/L	96

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

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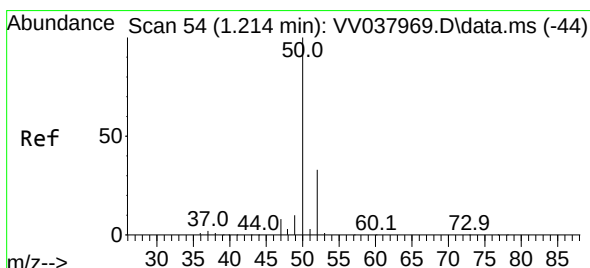
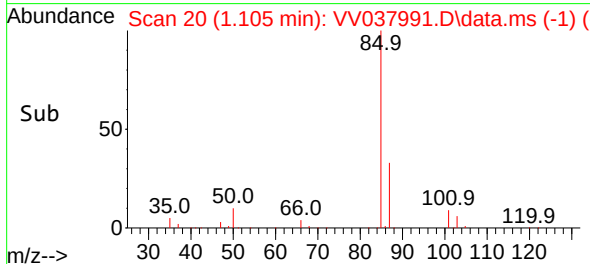
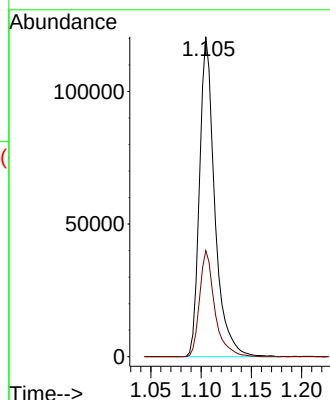
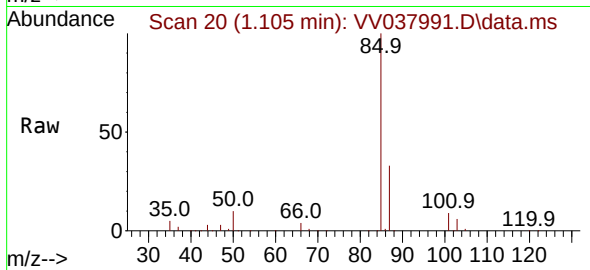




#2
 Dichlorodifluoromethane
 Concen: 4.558 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV037991.D
 Acq: 08 Nov 2024 20:13

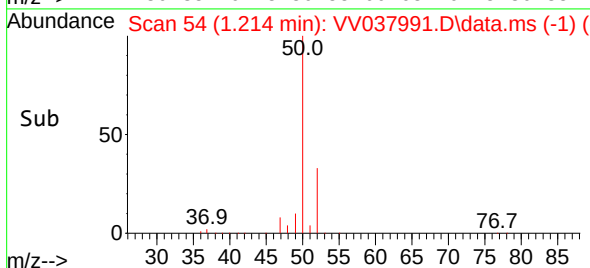
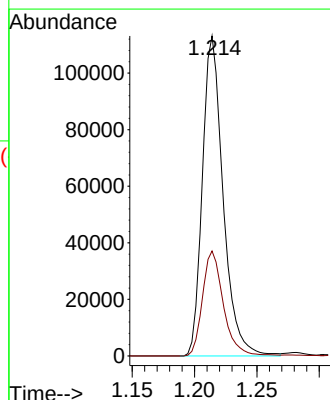
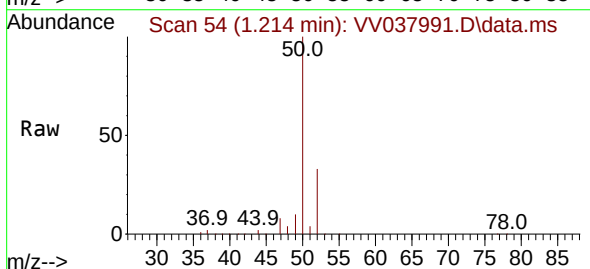
Instrument :
 MSVOA_V
 ClientSampleId :

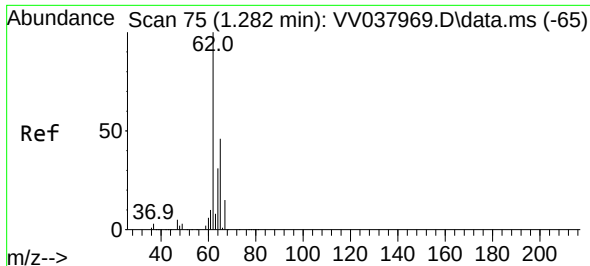
Tgt Ion: 85 Resp: 126748
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.4 38.0



#3
 Chloromethane
 Concen: 5.003 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV037991.D
 Acq: 08 Nov 2024 20:13

Tgt Ion: 50 Resp: 130922
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.4 43.4

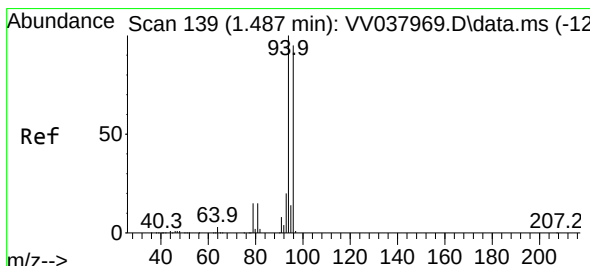
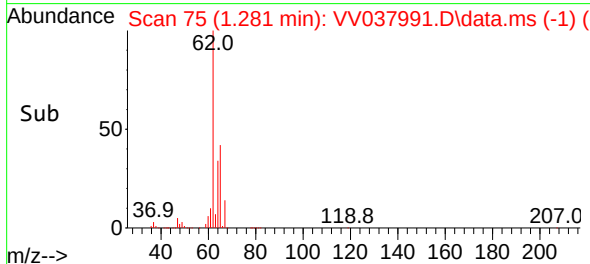
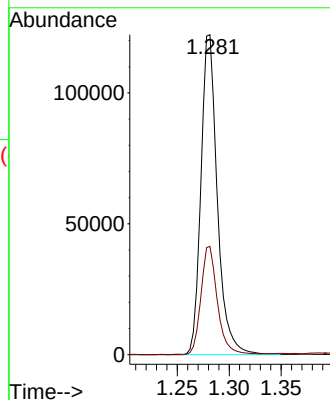
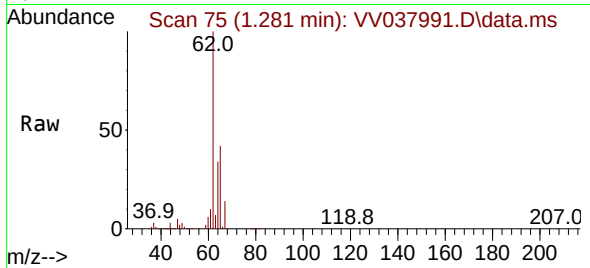




#5
 Vinyl chloride
 Concen: 5.166 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV037991.D
 Acq: 08 Nov 2024 20:13

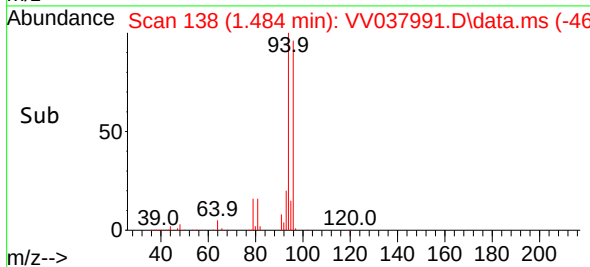
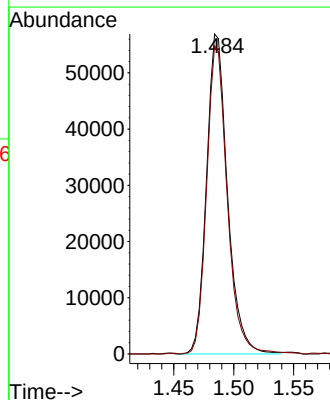
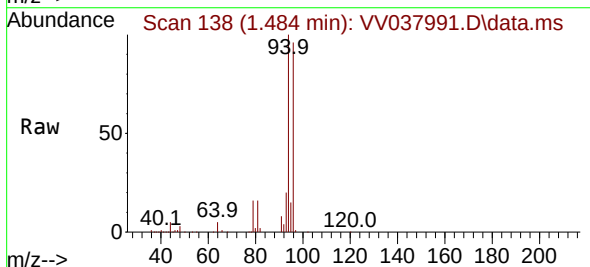
Instrument :
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 ClientSampleId :

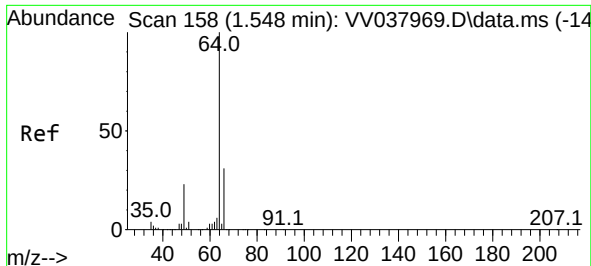
Tgt Ion: 62 Resp: 134520
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.4 41.6



#6
 Bromomethane
 Concen: 4.707 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV037991.D
 Acq: 08 Nov 2024 20:13

Tgt Ion: 94 Resp: 69344
 Ion Ratio Lower Upper
 94 100
 96 96.3 66.3 123.1

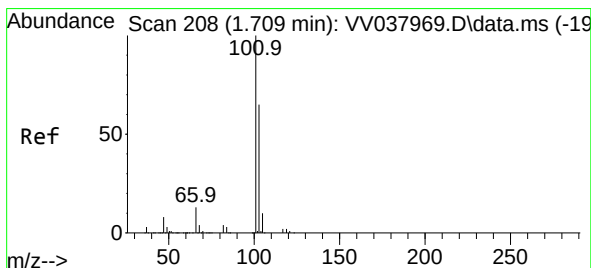
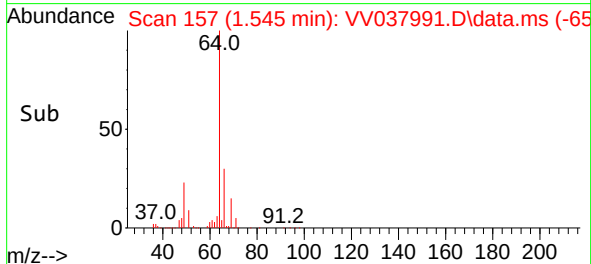
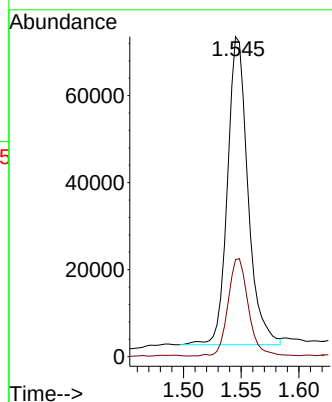
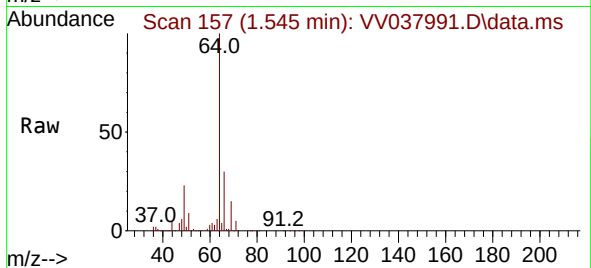




#8
Chloroethane
Concen: 5.619 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

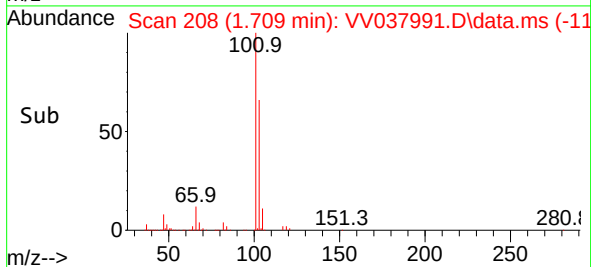
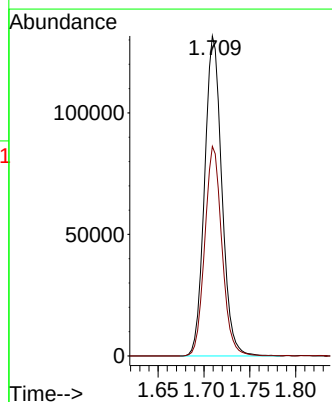
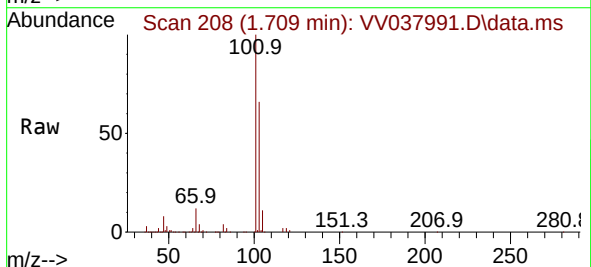
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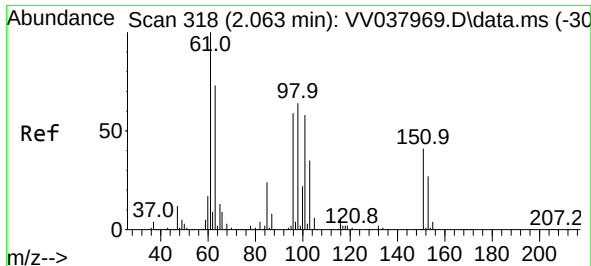
Tgt Ion: 64 Resp: 87052
Ion Ratio Lower Upper
64 100
66 30.4 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.765 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

Tgt Ion:101 Resp: 172397
Ion Ratio Lower Upper
101 100
103 65.2 51.7 77.5

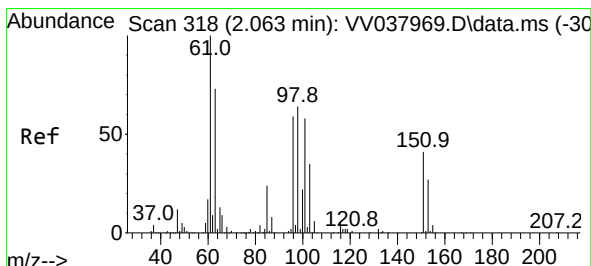
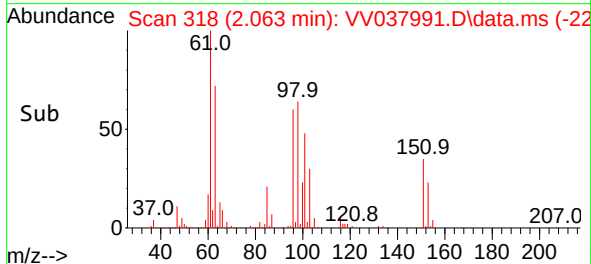
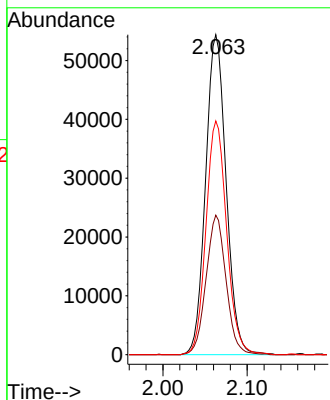
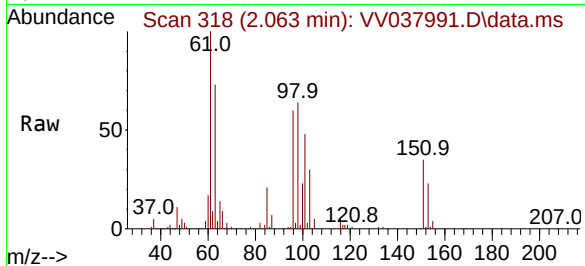




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.456 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV037991.D
 Acq: 08 Nov 2024 20:13

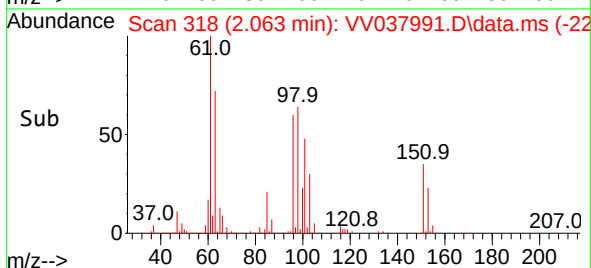
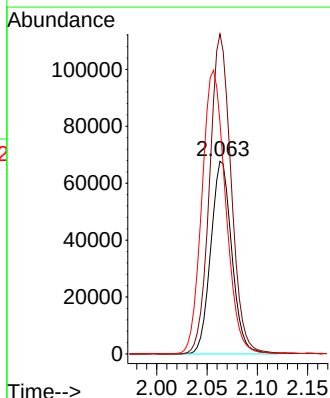
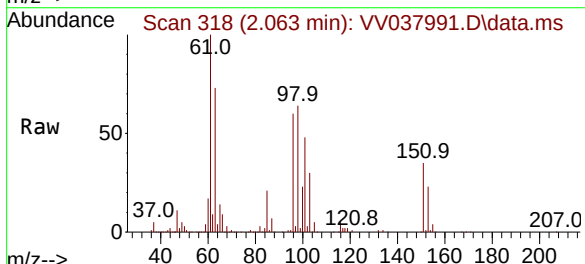
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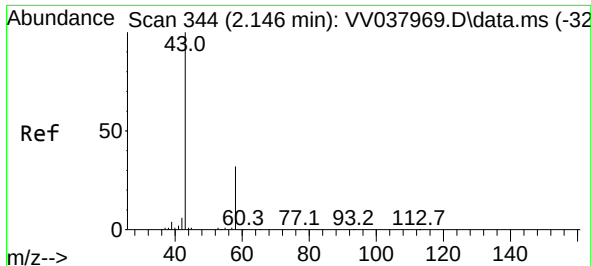
Tgt Ion:101 Resp: 92270
 Ion Ratio Lower Upper
 101 100
 85 42.4 35.0 52.6
 151 73.6 59.2 88.8



#12
 1,1-Dichloroethene
 Concen: 5.183 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV037991.D
 Acq: 08 Nov 2024 20:13

Tgt Ion: 96 Resp: 98618
 Ion Ratio Lower Upper
 96 100
 61 166.0 117.4 218.0
 63 120.4 91.7 170.3





#13

Acetone

Concen: 61.287 ug/L

RT: 2.153 min Scan# 344

Delta R.T. 0.006 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

Instrument :

MSVOA_V

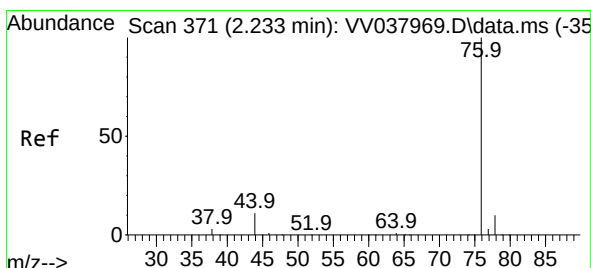
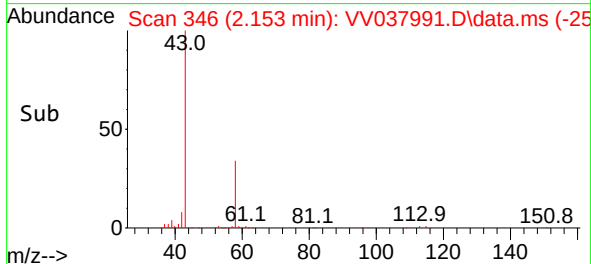
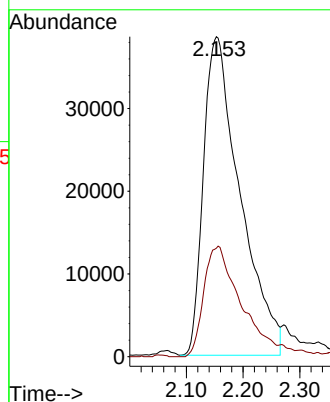
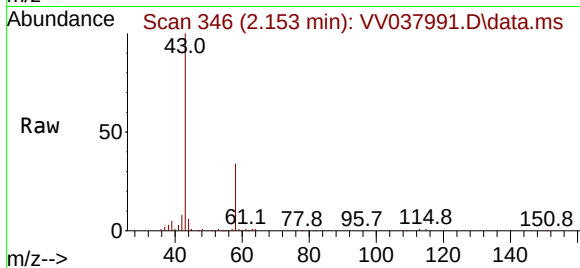
ClientSampleId :

Tgt Ion: 43 Resp: 172897

Ion Ratio Lower Upper

43 100

58 34.7 0.0 64.6



#14

Carbon disulfide

Concen: 4.808 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV037991.D

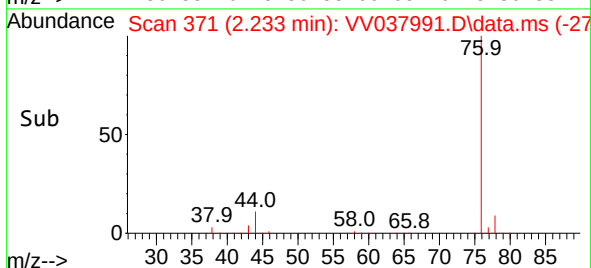
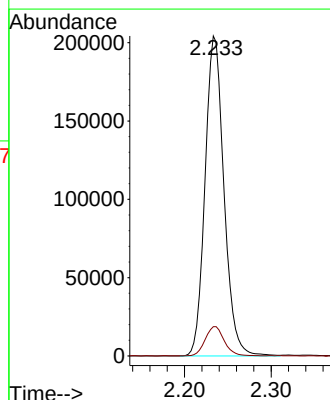
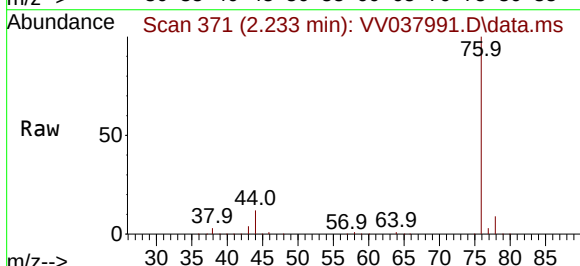
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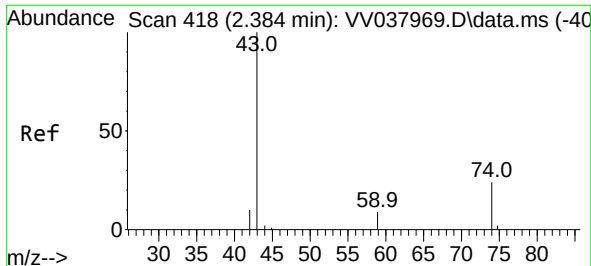
Tgt Ion: 76 Resp: 310371

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

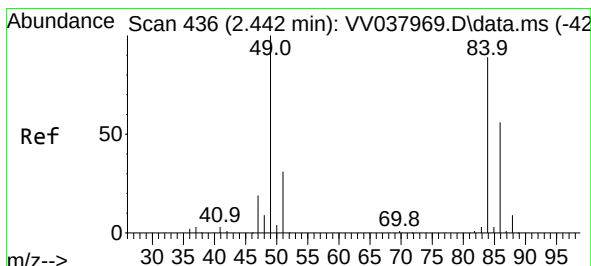
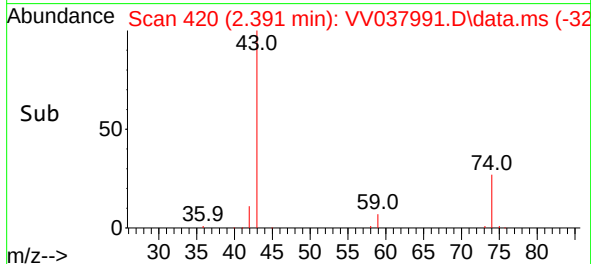
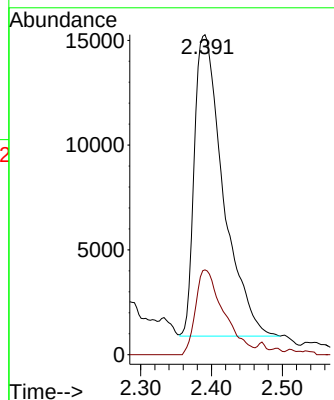
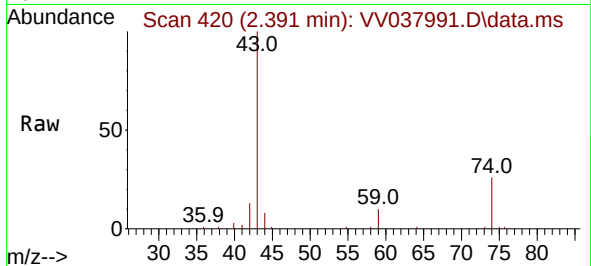




#15
Methyl Acetate
Concen: 6.093 ug/L
RT: 2.391 min Scan# 418
Delta R.T. 0.006 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

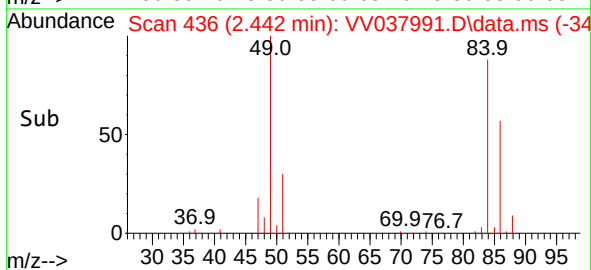
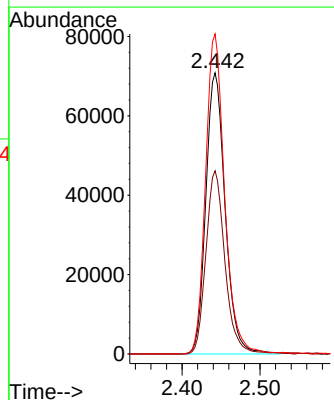
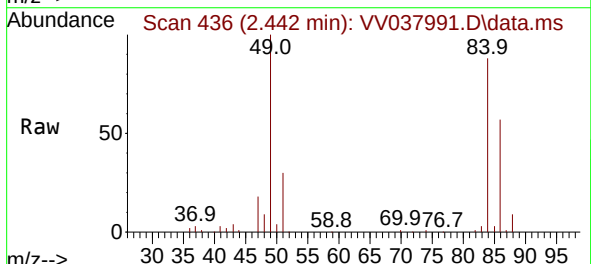
Instrument :
MSVOA_V
ClientSampleId :

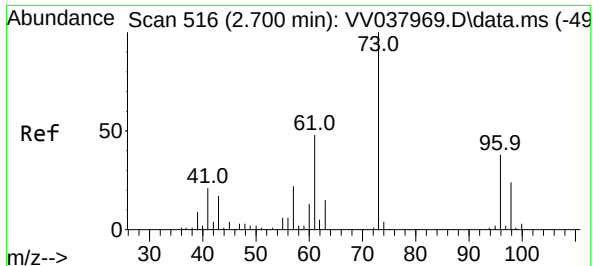
Tgt Ion: 43 Resp: 40686
Ion Ratio Lower Upper
43 100
74 27.6 21.8 32.8



#16
Methylene chloride
Concen: 5.488 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

Tgt Ion: 84 Resp: 121920
Ion Ratio Lower Upper
84 100
86 65.2 45.0 83.6
49 113.8 79.2 147.2

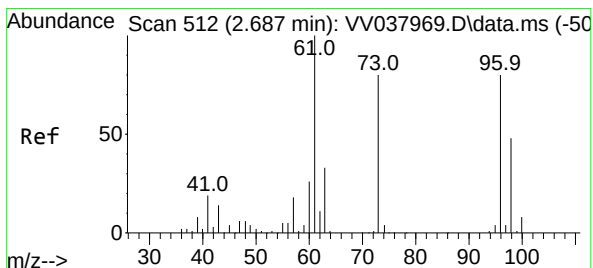
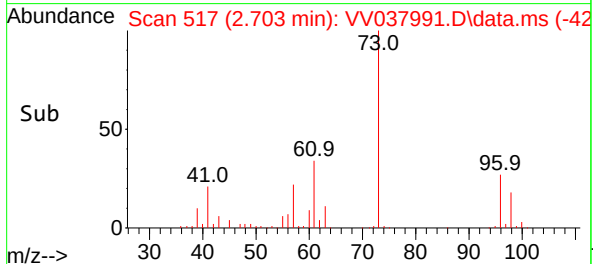
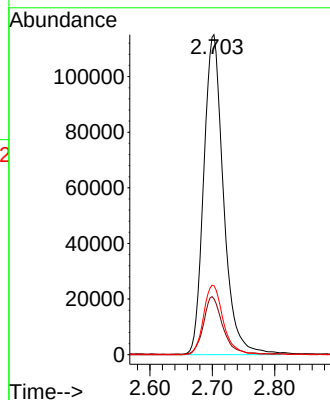
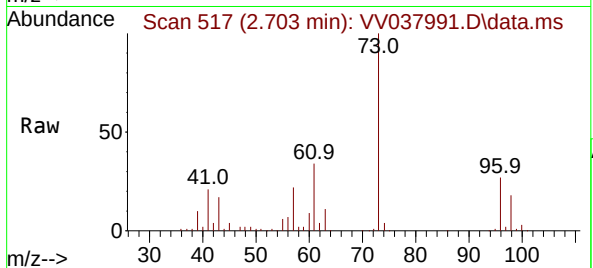




#17
Methyl tert-butyl Ether
Concen: 5.975 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

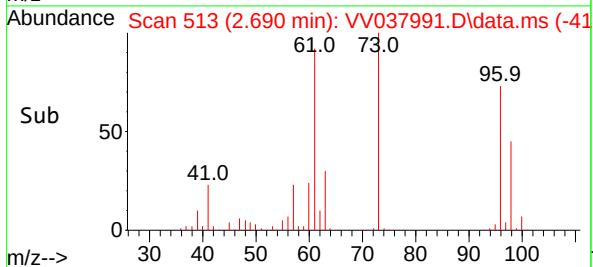
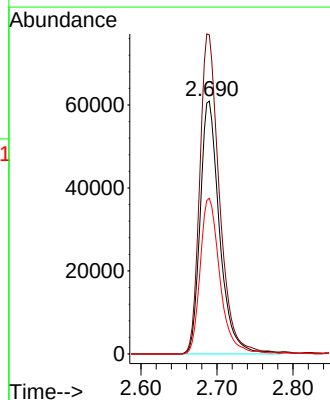
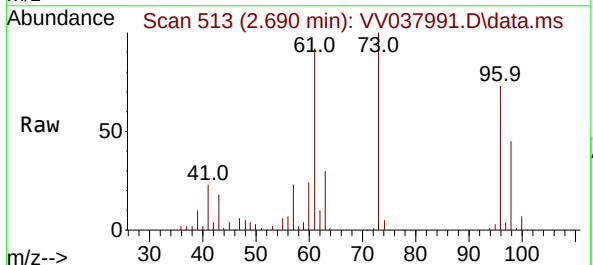
Instrument :
MSVOA_V
ClientSampleId :

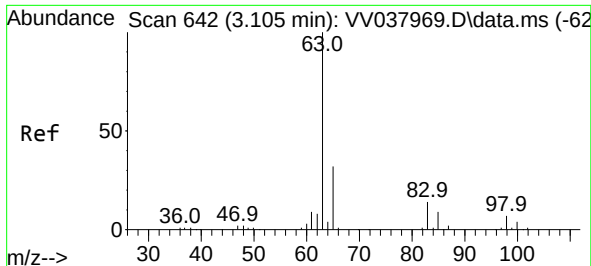
Tgt Ion: 73 Resp: 254252
Ion Ratio Lower Upper
73 100
43 17.1 14.4 21.6
57 21.6 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 5.249 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

Tgt Ion: 96 Resp: 107878
Ion Ratio Lower Upper
96 100
61 126.2 93.2 173.0
98 61.5 44.4 82.4





#19

1,1-Dichloroethane

Concen: 5.433 ug/L

RT: 3.105 min Scan# 642

Delta R.T. -0.000 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

Instrument :

MSVOA_V

ClientSampleId :

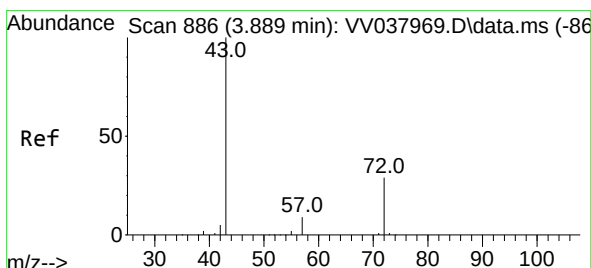
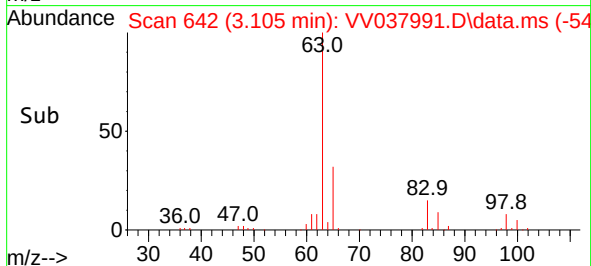
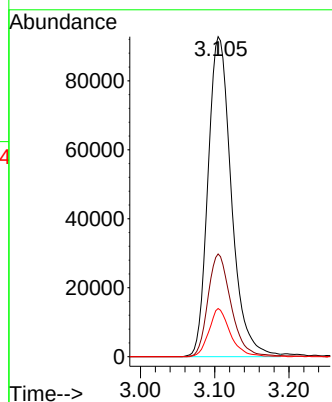
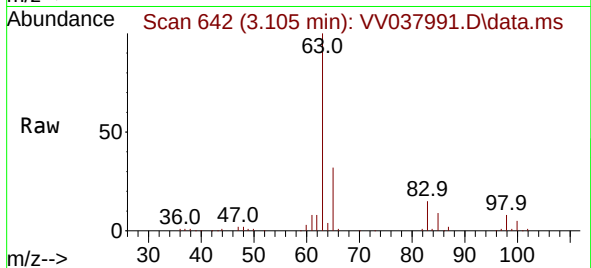
Tgt Ion: 63 Resp: 202870

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.3

83 15.1 9.5 17.7



#21

2-Butanone

Concen: 61.430 ug/L

RT: 3.896 min Scan# 888

Delta R.T. 0.006 min

Lab File: VV037991.D

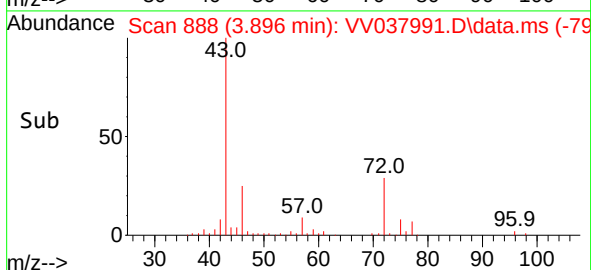
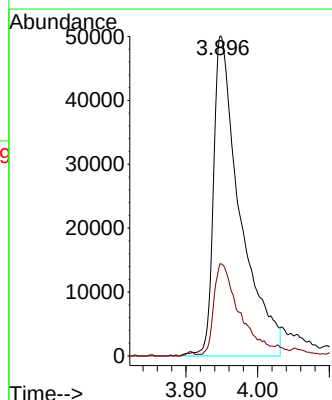
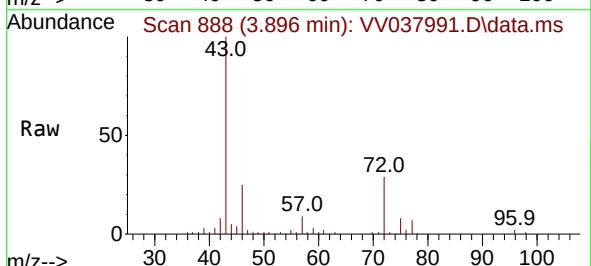
Acq: 08 Nov 2024 20:13

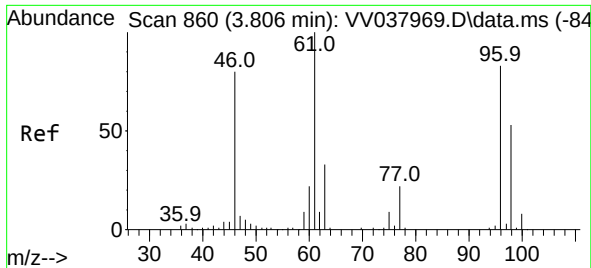
Tgt Ion: 43 Resp: 257556

Ion Ratio Lower Upper

43 100

72 27.5 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 5.302 ug/L

RT: 3.809 min Scan# 860

Delta R.T. 0.003 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

Instrument :

MSVOA_V

ClientSampleId :

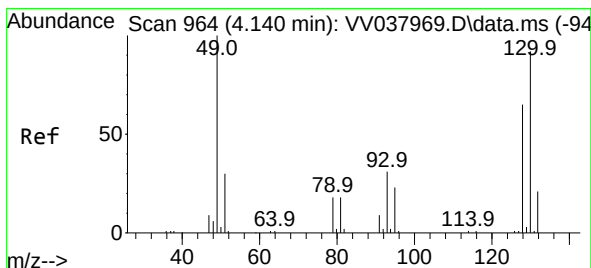
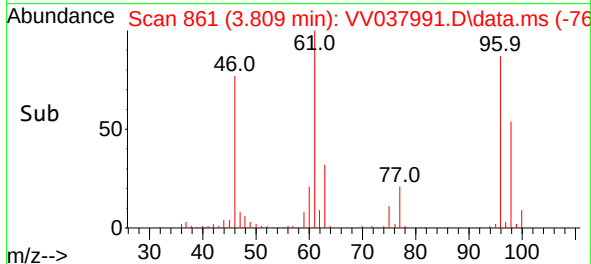
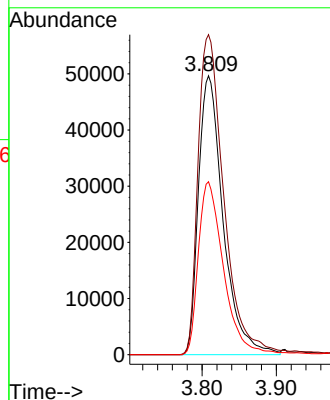
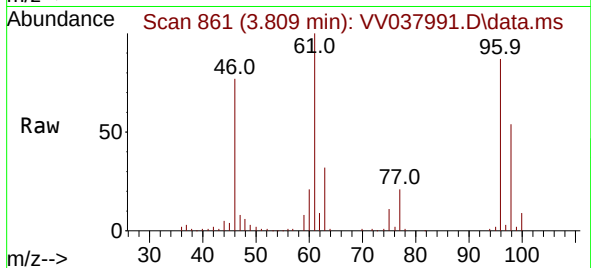
Tgt Ion: 96 Resp: 114831

Ion Ratio Lower Upper

96 100

61 114.8 83.4 154.8

98 62.1 44.6 82.8



#23

Bromochloromethane

Concen: 5.845 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.003 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

Tgt Ion: 128 Resp: 57161

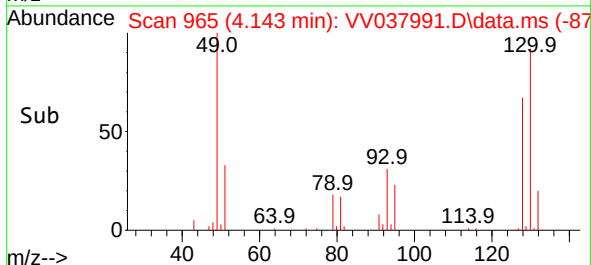
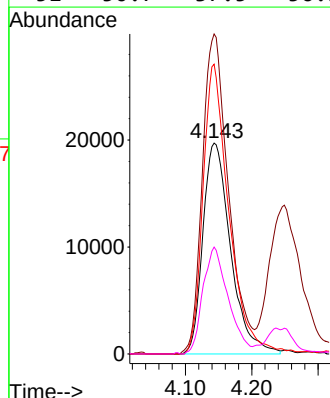
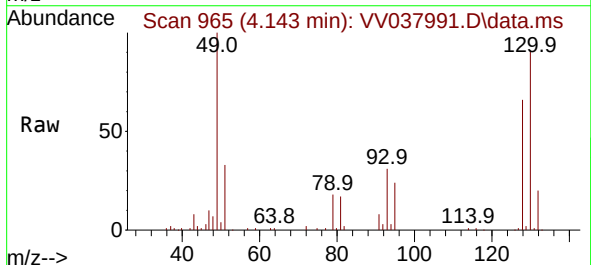
Ion Ratio Lower Upper

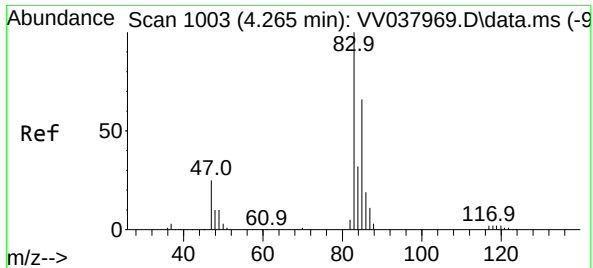
128 100

49 151.8 103.0 191.4

130 137.4 85.9 159.5

51 50.7 37.5 56.3

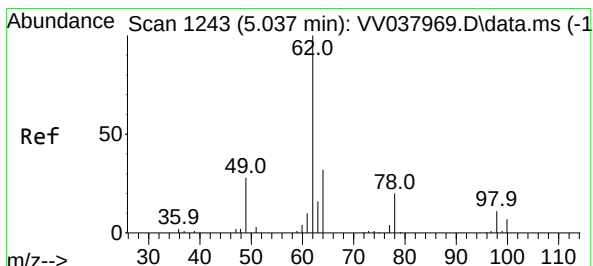
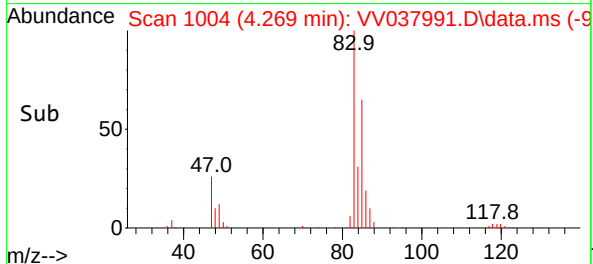
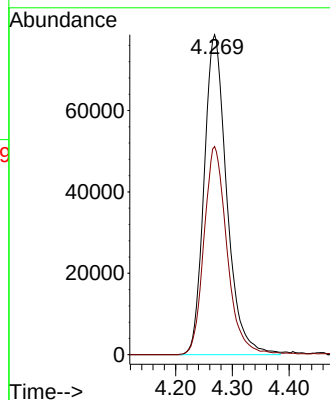
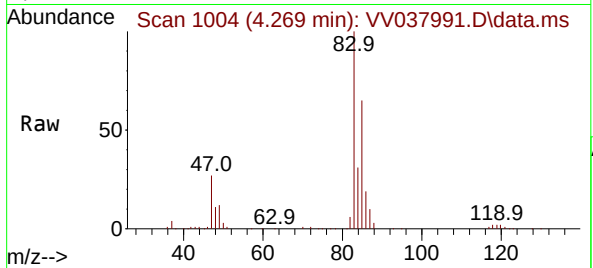




#25
Chloroform
Concen: 5.574 ug/L
RT: 4.269 min Scan# 1003
Delta R.T. 0.003 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

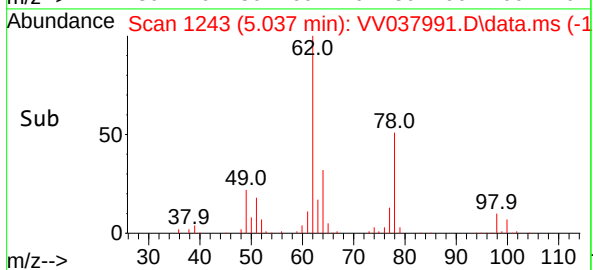
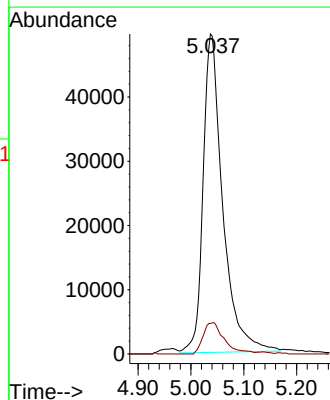
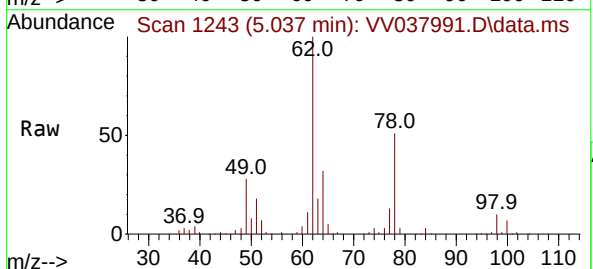
Instrument :
MSVOA_V
ClientSampleId :

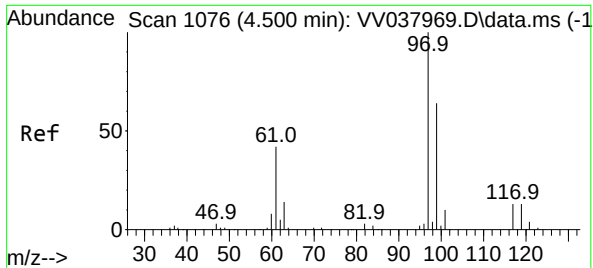
Tgt Ion: 83 Resp: 218655
Ion Ratio Lower Upper
83 100
85 65.1 45.5 84.5



#27
1,2-Dichloroethane
Concen: 5.883 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

Tgt Ion: 62 Resp: 127851
Ion Ratio Lower Upper
62 100
98 9.6 8.1 12.1

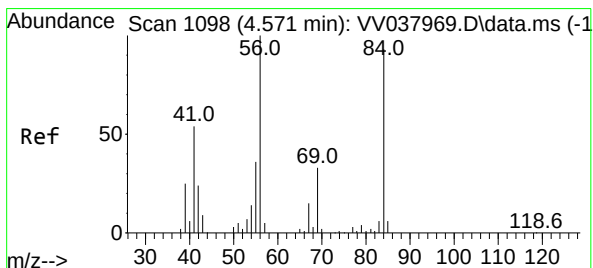
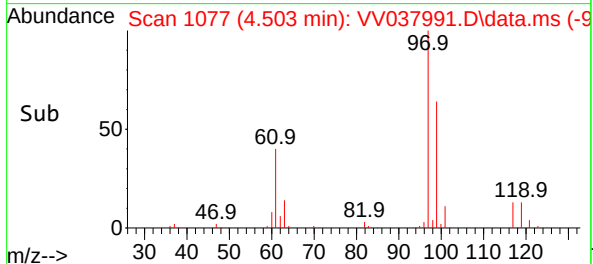
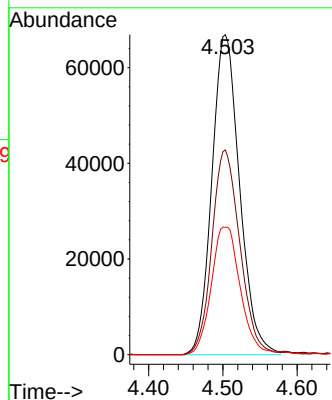
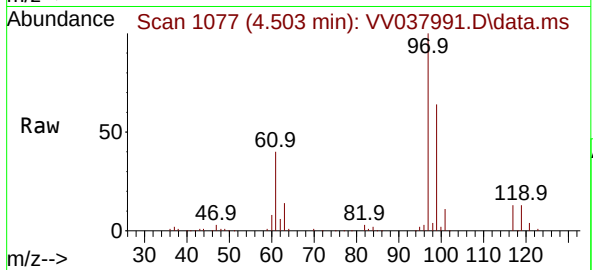




#29
1,1,1-Trichloroethane
Concen: 5.239 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

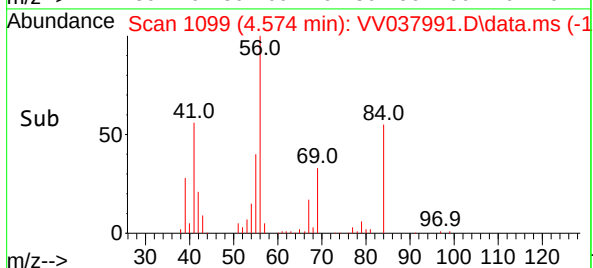
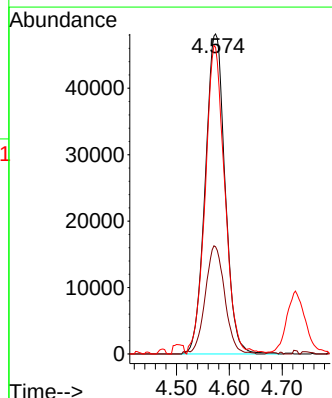
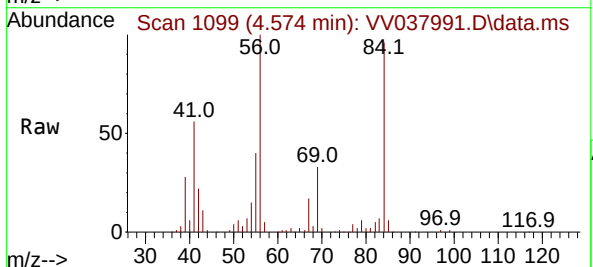
Instrument :
MSVOA_V
ClientSampleId :

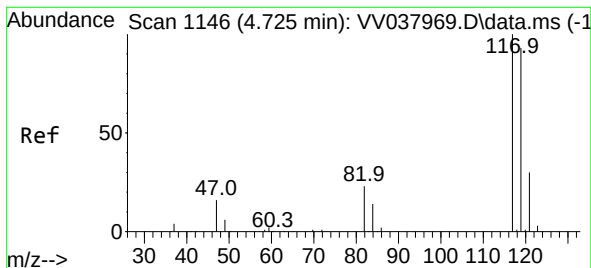
Tgt Ion: 97 Resp: 173487
Ion Ratio Lower Upper
97 100
99 64.6 52.1 78.1
61 41.6 33.3 49.9



#30
Cyclohexane
Concen: 4.270 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.003 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

Tgt Ion: 56 Resp: 125461
Ion Ratio Lower Upper
56 100
69 33.3 25.5 38.3
84 94.4 75.2 112.8





#31

Carbon tetrachloride

Concen: 4.993 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

Instrument :

MSVOA_V

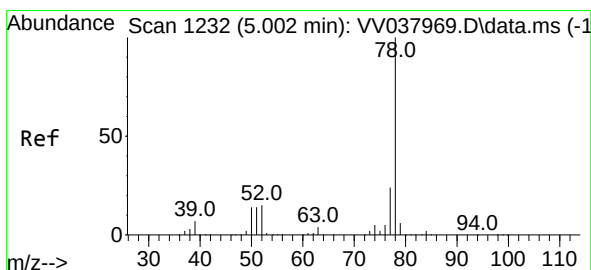
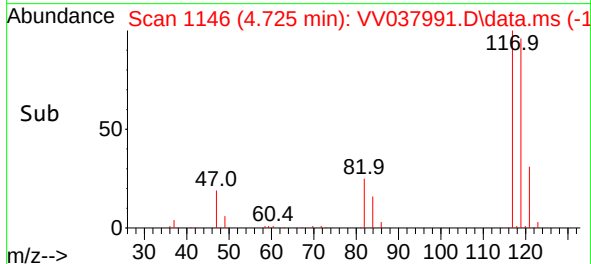
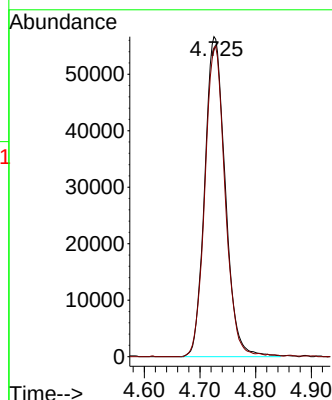
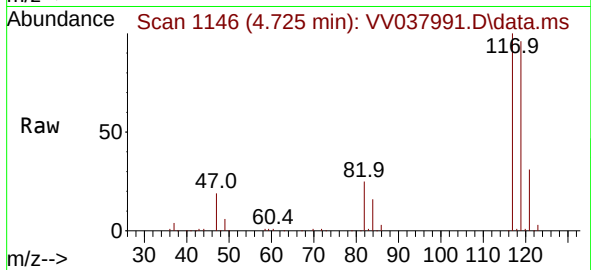
ClientSampleId :

Tgt Ion:117 Resp: 145099

Ion Ratio Lower Upper

117 100

119 95.3 77.2 115.8



#33

Benzene

Concen: 5.700 ug/L

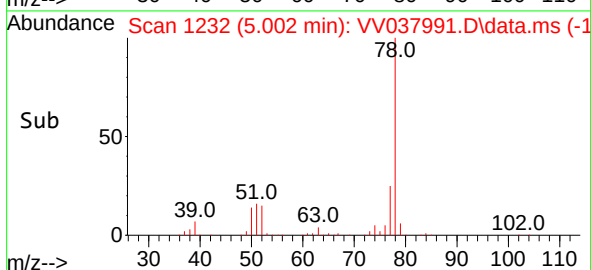
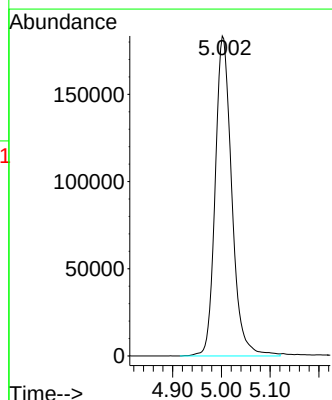
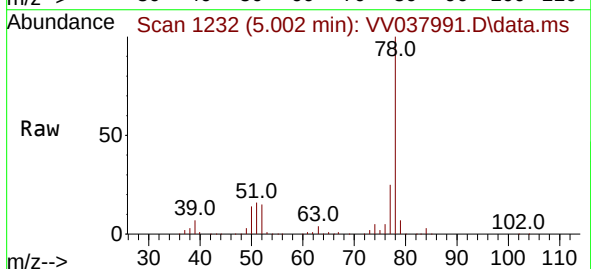
RT: 5.002 min Scan# 1232

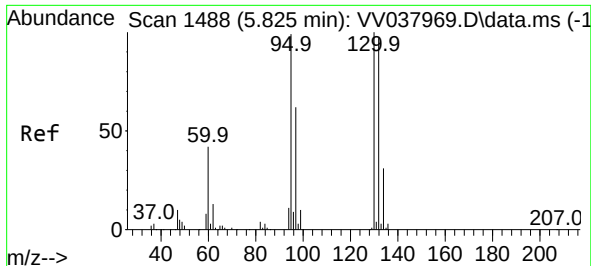
Delta R.T. -0.000 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

Tgt Ion: 78 Resp: 433882





#34

Trichloroethene

Concen: 5.466 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 115229

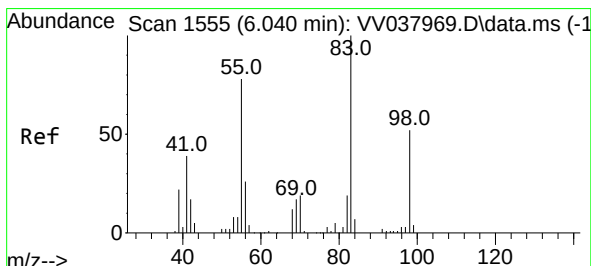
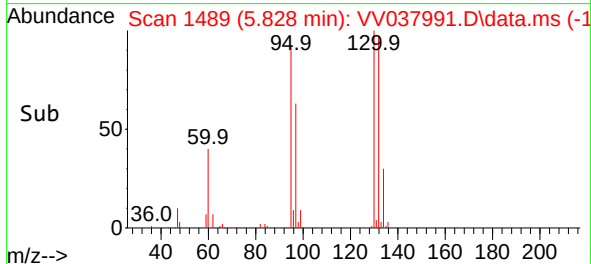
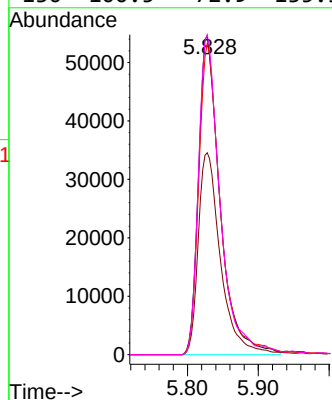
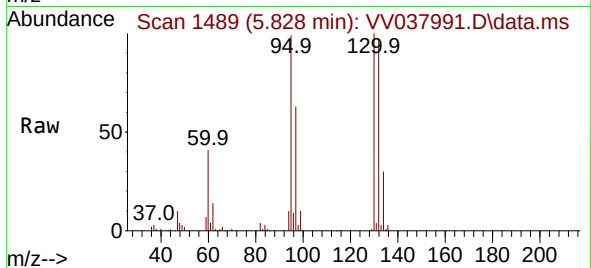
Ion Ratio Lower Upper

95 100

97 63.4 46.9 87.1

132 97.7 70.5 130.9

130 100.5 72.9 135.3



#35

Methylcyclohexane

Concen: 4.059 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

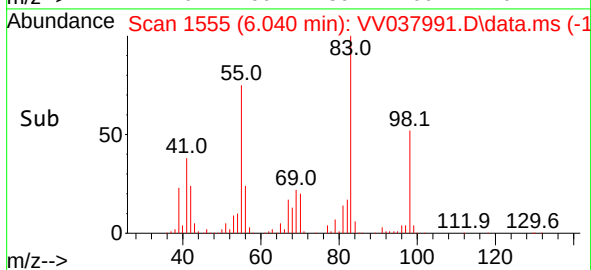
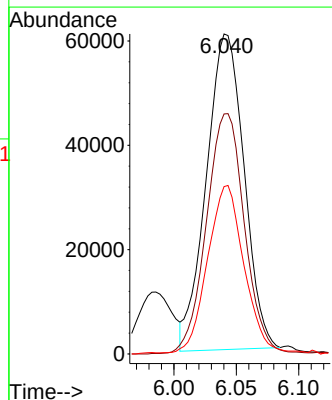
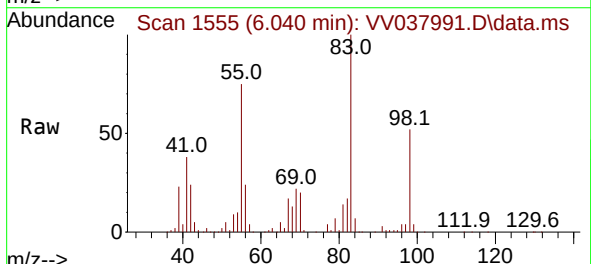
Tgt Ion: 83 Resp: 127549

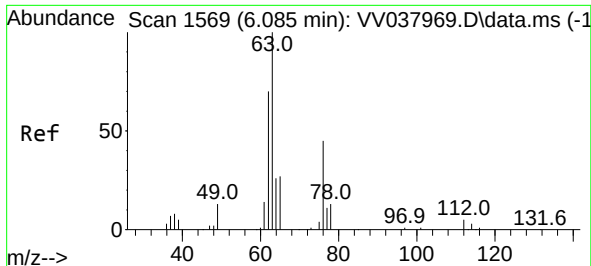
Ion Ratio Lower Upper

83 100

55 77.1 59.3 88.9

98 50.9 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.780 ug/L

RT: 6.085 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

Instrument :

MSVOA_V

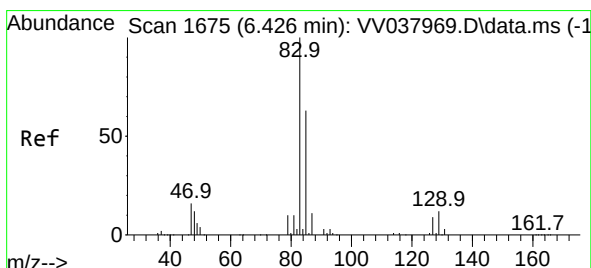
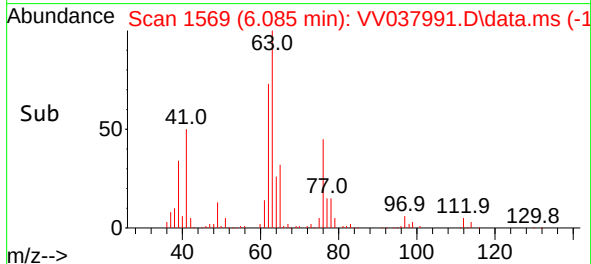
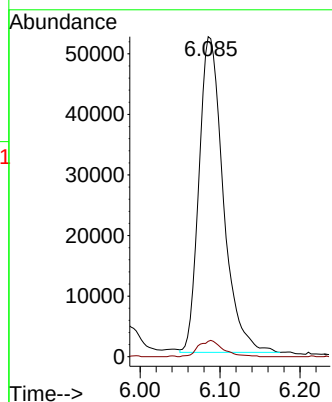
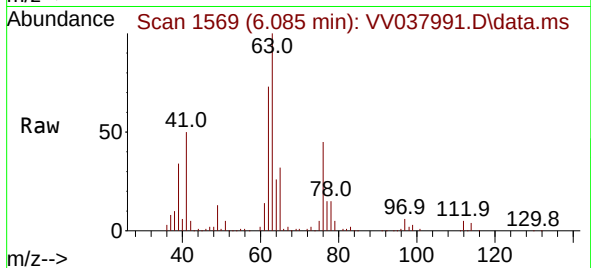
ClientSampleId :

Tgt Ion: 63 Resp: 109985

Ion Ratio Lower Upper

63 100

112 5.3 4.1 6.1



#38

Bromodichloromethane

Concen: 5.492 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

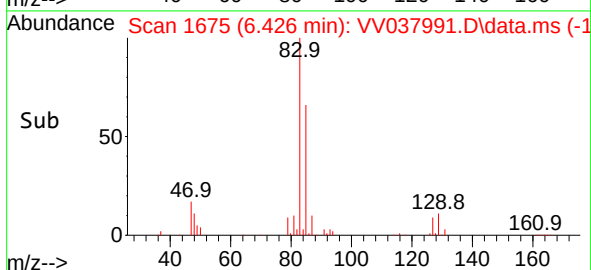
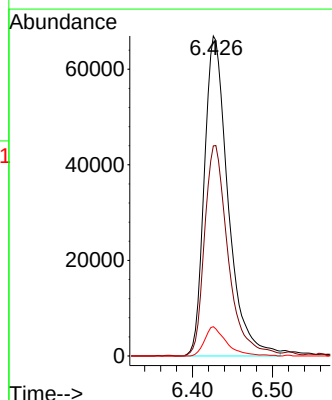
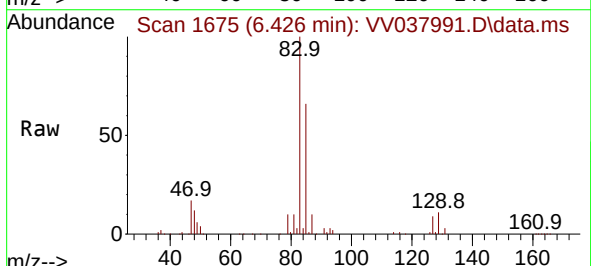
Tgt Ion: 83 Resp: 138635

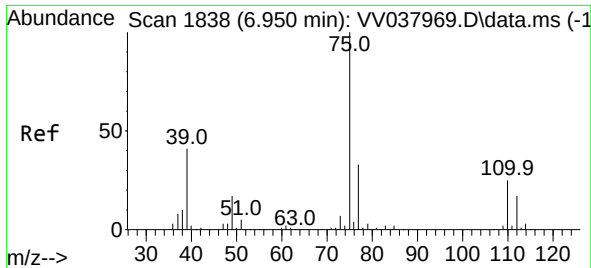
Ion Ratio Lower Upper

83 100

85 65.7 44.2 82.2

127 9.2 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 5.256 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

Instrument :

MSVOA_V

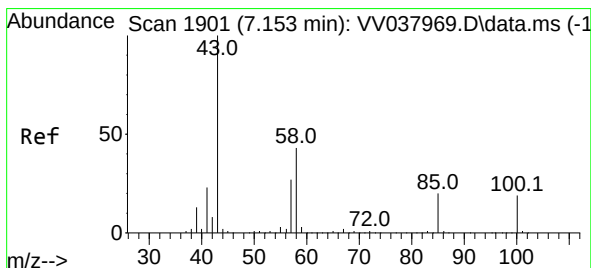
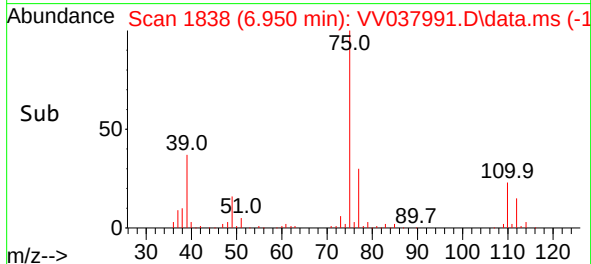
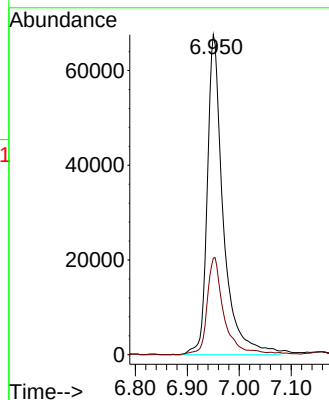
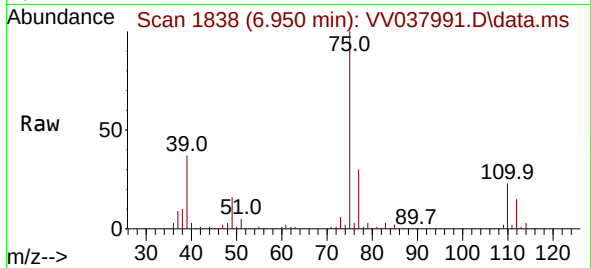
ClientSampleId :

Tgt Ion: 75 Resp: 144495

Ion Ratio Lower Upper

75 100

77 30.1 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 69.424 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

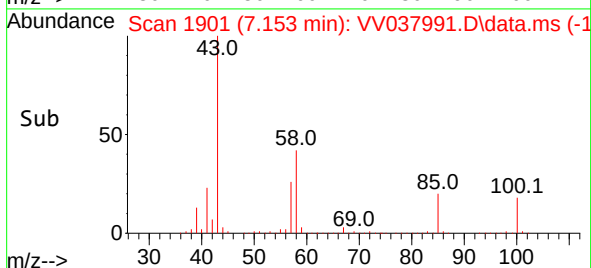
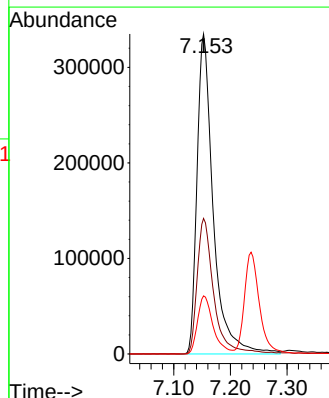
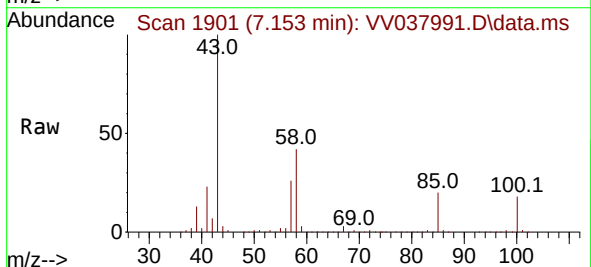
Tgt Ion: 43 Resp: 664720

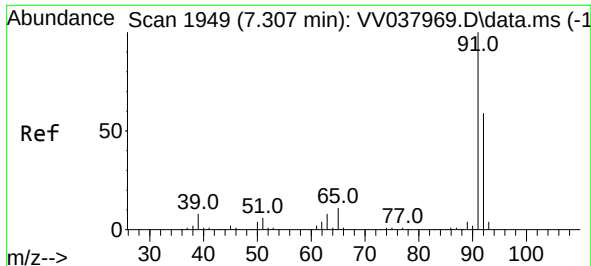
Ion Ratio Lower Upper

43 100

58 42.9 32.6 49.0

100 17.5 13.8 20.8





#42

Toluene

Concen: 5.670 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

Instrument :

MSVOA_V

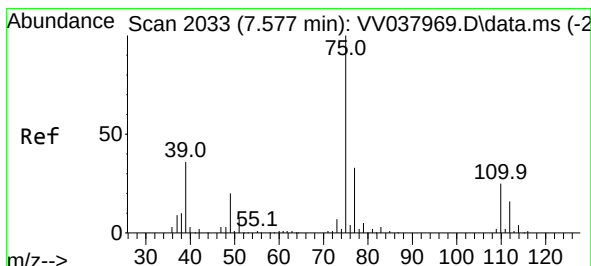
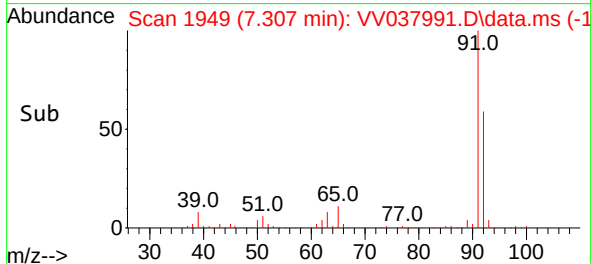
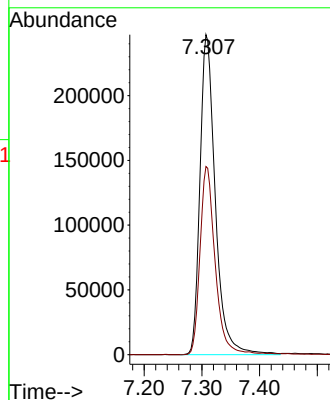
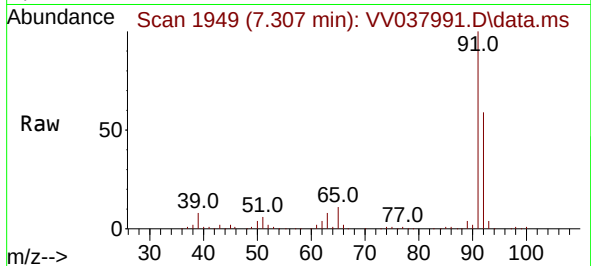
ClientSampleId :

Tgt Ion: 91 Resp: 456772

Ion Ratio Lower Upper

91 100

92 58.8 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.370 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV037991.D

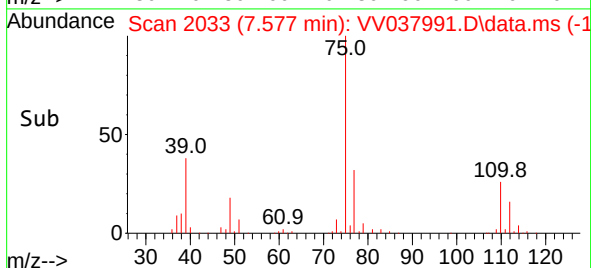
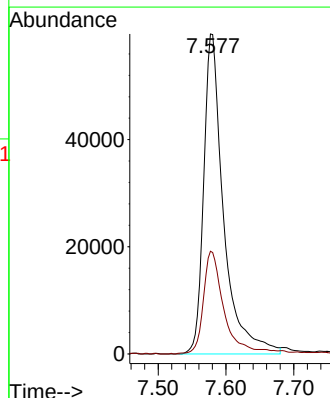
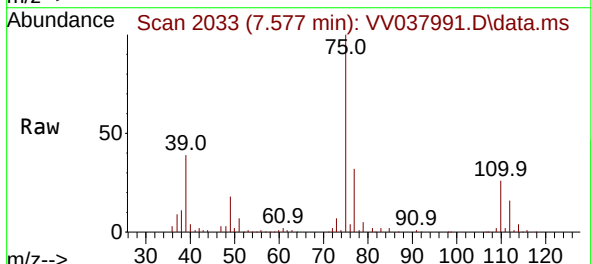
Acq: 08 Nov 2024 20:13

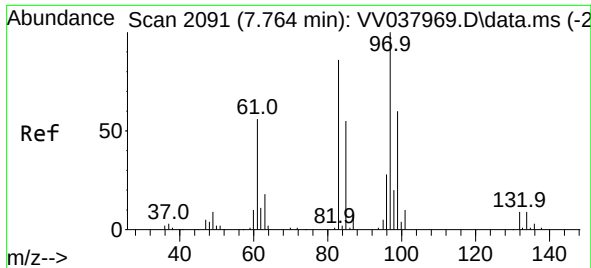
Tgt Ion: 75 Resp: 121729

Ion Ratio Lower Upper

75 100

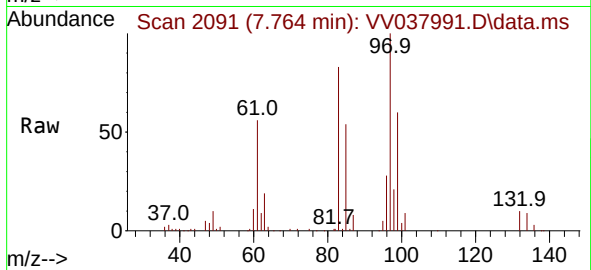
77 32.1 21.8 40.6



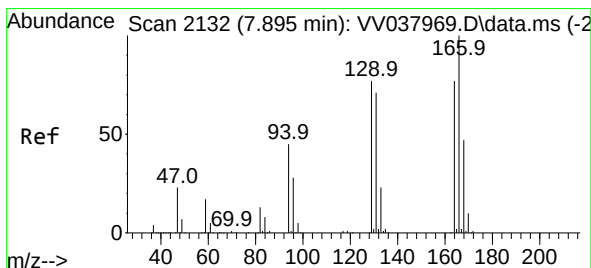
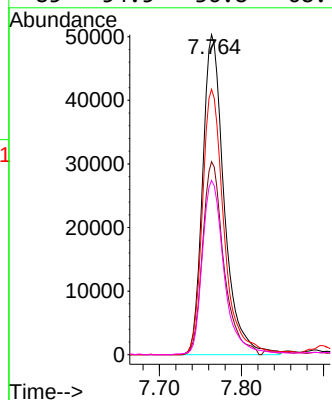
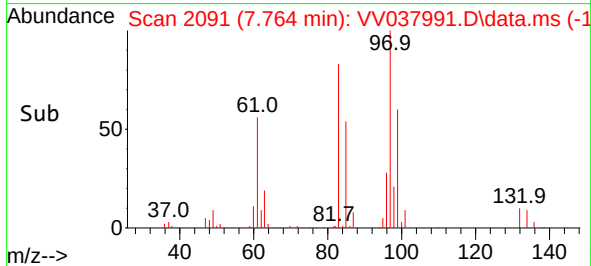


#45
1,1,2-Trichloroethane
Concen: 6.381 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

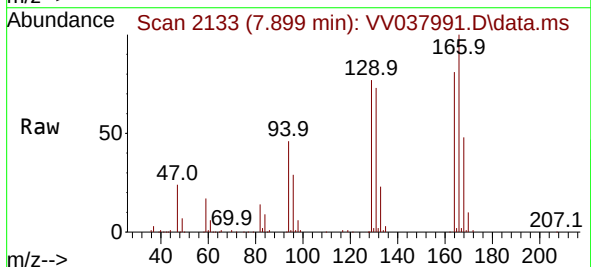
Instrument :
MSVOA_V
ClientSampleId :



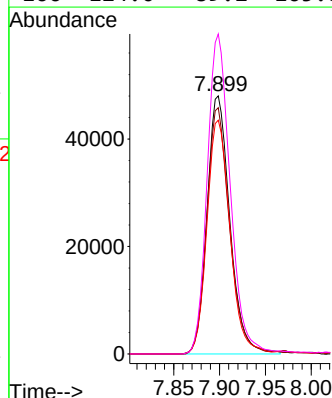
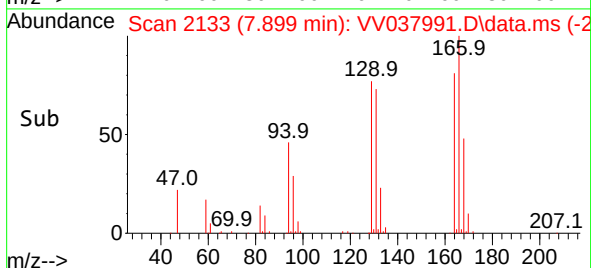
Tgt Ion:	97	Resp:	91893
Ion	Ratio	Lower	Upper
97	100		
99	60.3	42.4	78.8
83	83.0	59.3	110.1
85	54.5	36.8	68.4

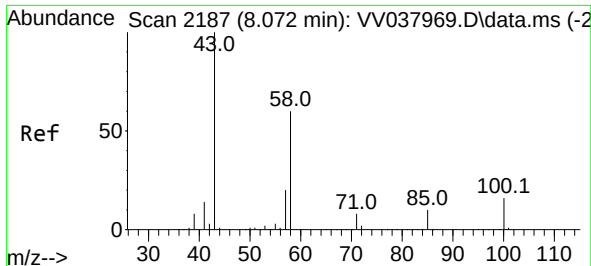


#47
Tetrachloroethene
Concen: 5.077 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13



Tgt Ion:	164	Resp:	83197
Ion	Ratio	Lower	Upper
164	100		
129	95.4	66.8	124.2
131	90.6	65.2	121.2
166	124.0	89.2	165.8



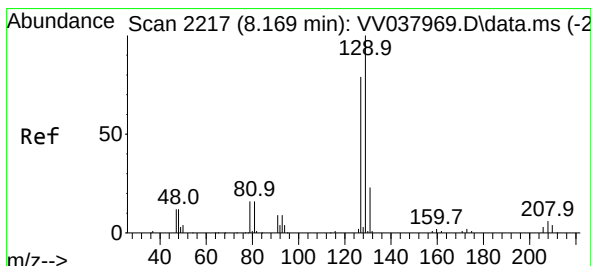
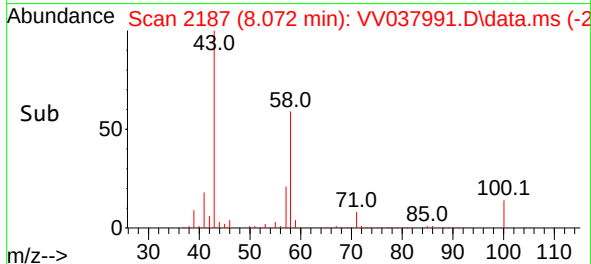
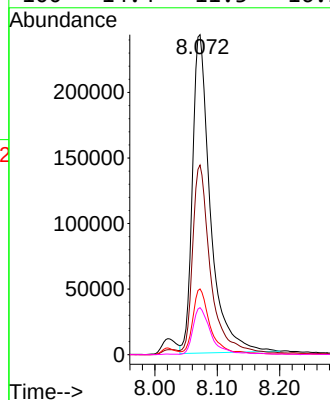
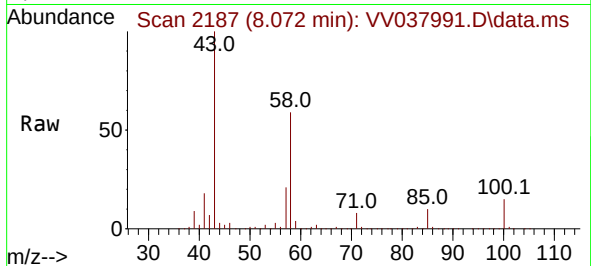


#48
2-Hexanone
Concen: 71.469 ug/L
RT: 8.072 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 484049

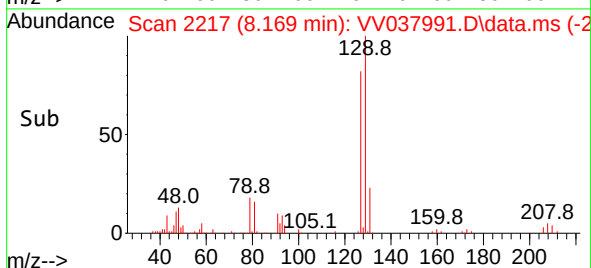
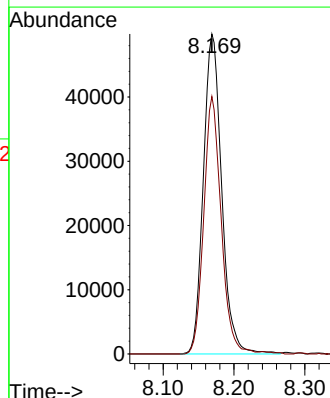
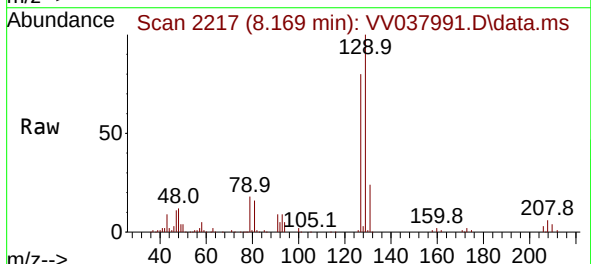
Ion	Ratio	Lower	Upper
43	100		
58	59.3	48.5	72.7
57	18.1	16.3	24.5
100	14.4	11.3	16.9

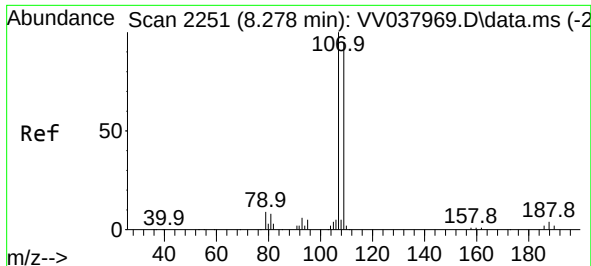


#49
Dibromochloromethane
Concen: 5.434 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

Tgt Ion: 129 Resp: 89464

Ion	Ratio	Lower	Upper
129	100		
127	80.5	52.2	97.0

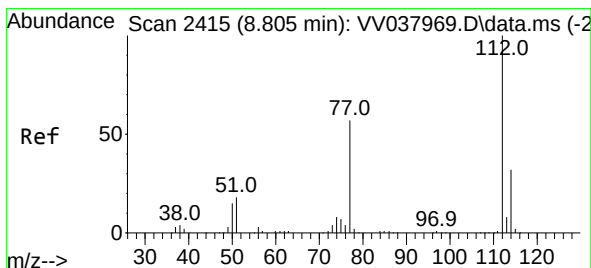
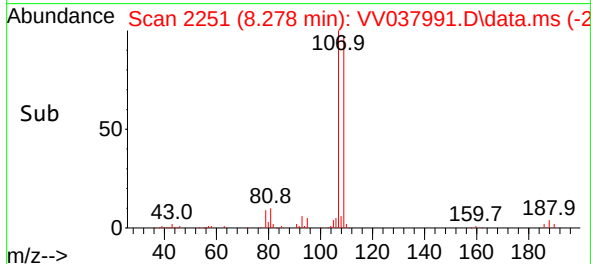
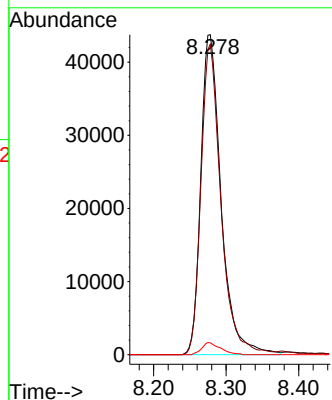
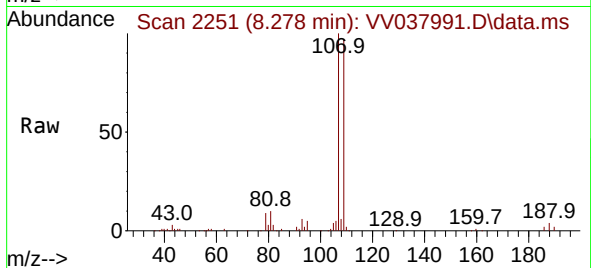




#50
1,2-Dibromoethane
Concen: 6.354 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

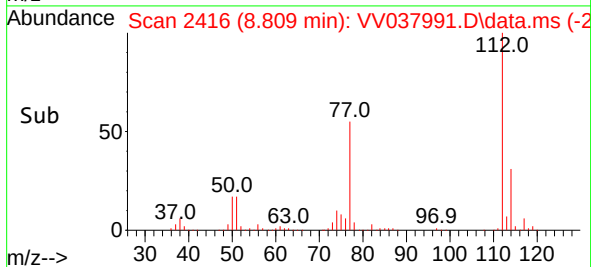
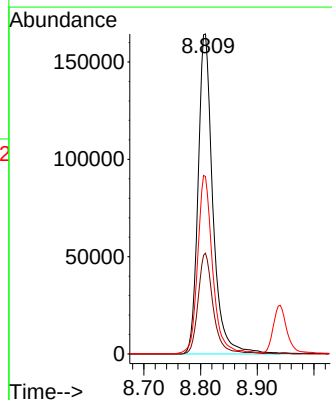
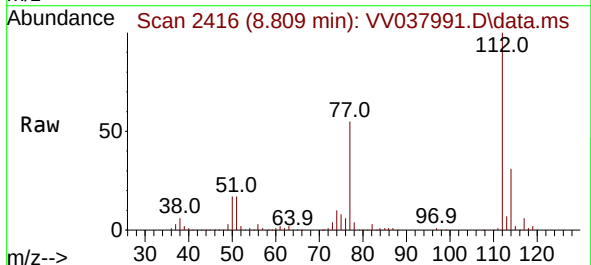
Instrument :
MSVOA_V
ClientSampleId :

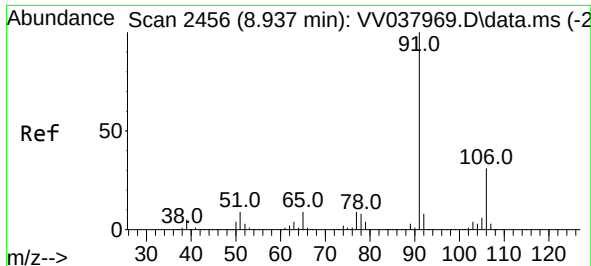
Tgt Ion:107 Resp: 85393
Ion Ratio Lower Upper
107 100
109 97.0 65.8 122.2
188 3.7 3.0 4.6



#51
Chlorobenzene
Concen: 5.401 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

Tgt Ion:112 Resp: 297566
Ion Ratio Lower Upper
112 100
114 31.5 23.0 42.6
77 55.4 45.9 68.9





#52

Ethylbenzene

Concen: 5.192 ug/L

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

Instrument :

MSVOA_V

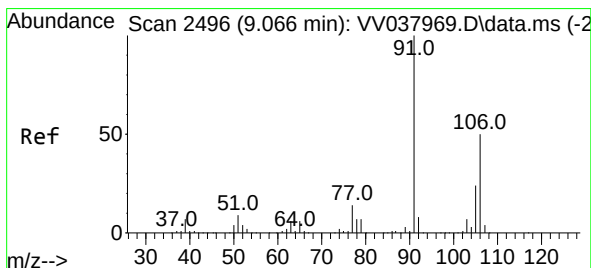
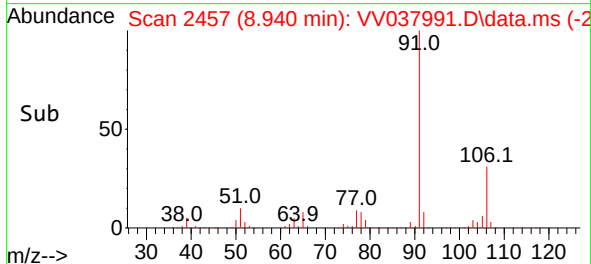
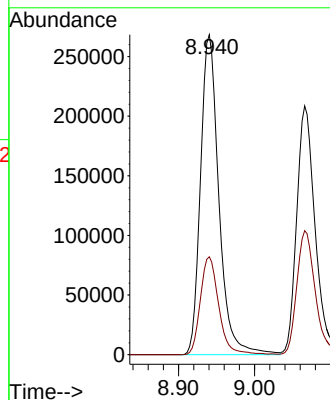
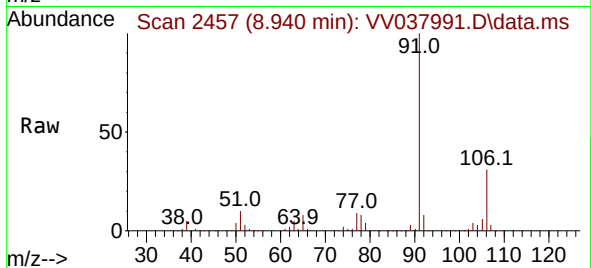
ClientSampleId :

Tgt Ion: 91 Resp: 450422

Ion Ratio Lower Upper

91 100

106 30.6 21.8 40.4



#53

m,p-Xylene

Concen: 5.319 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. -0.000 min

Lab File: VV037991.D

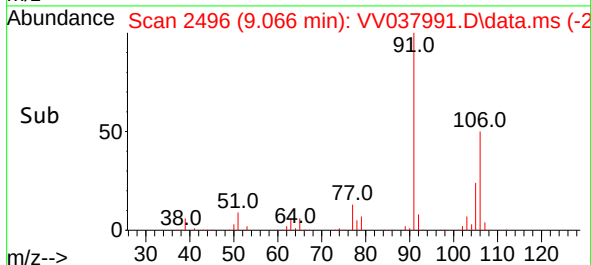
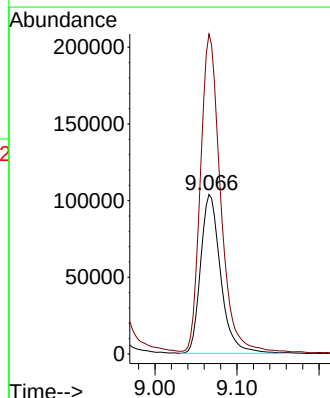
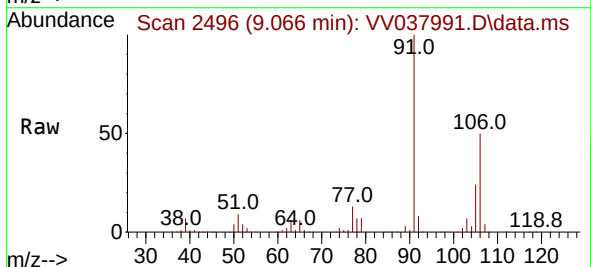
Acq: 08 Nov 2024 20:13

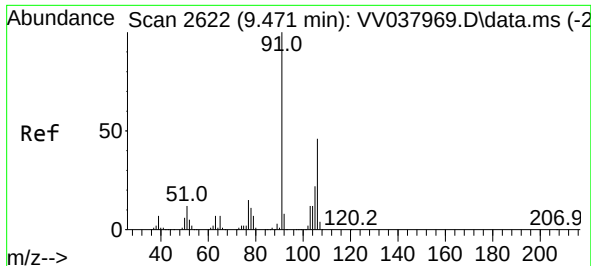
Tgt Ion: 106 Resp: 176060

Ion Ratio Lower Upper

106 100

91 200.6 139.0 258.2

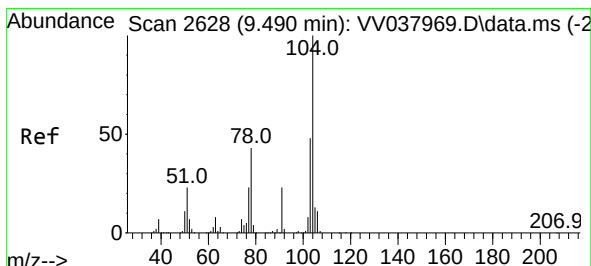
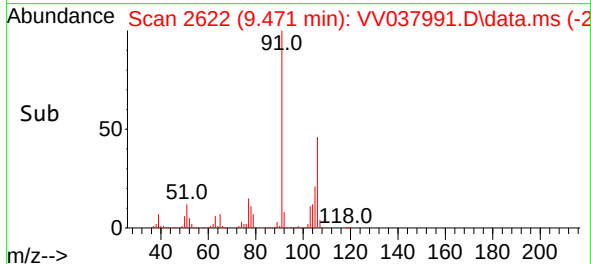
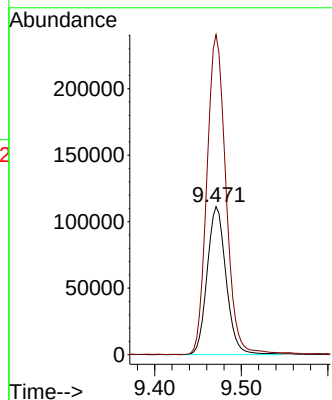
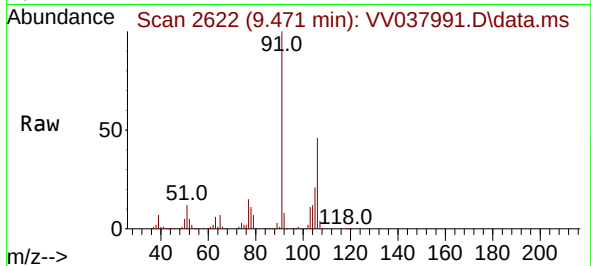




#54
o-Xylene
Concen: 5.377 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

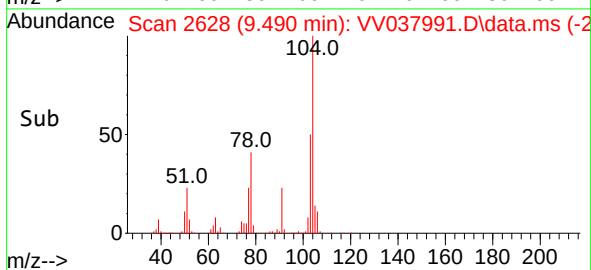
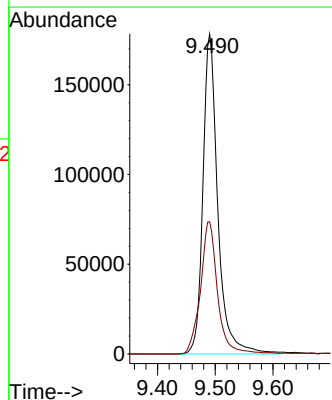
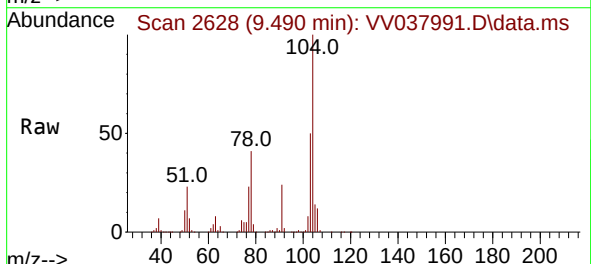
Instrument :
MSVOA_V
ClientSampleId :

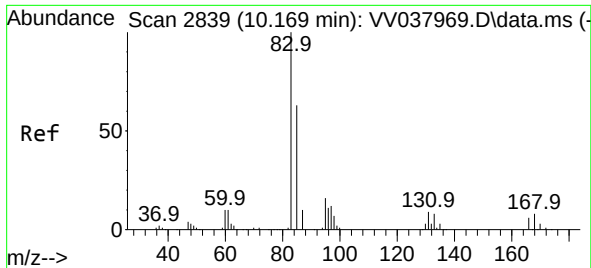
Tgt Ion:106 Resp: 169372
Ion Ratio Lower Upper
106 100
91 216.3 152.0 282.2



#55
Styrene
Concen: 5.871 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

Tgt Ion:104 Resp: 318473
Ion Ratio Lower Upper
104 100
78 41.3 30.9 57.3

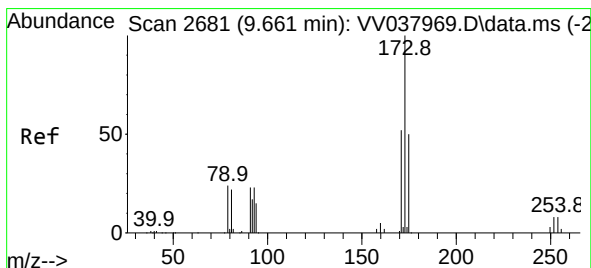
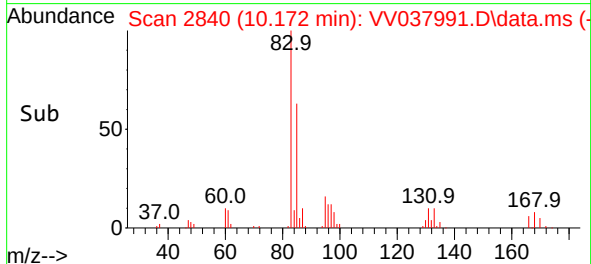
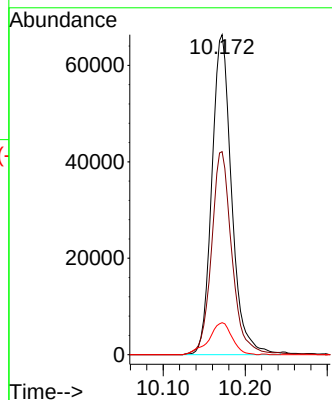
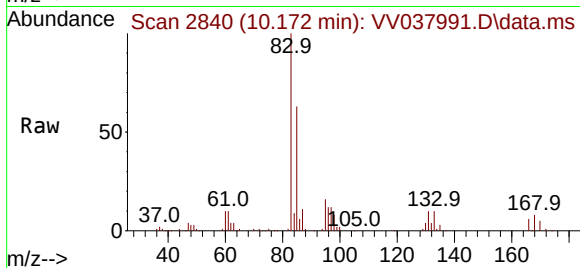




#57
1,1,2,2-Tetrachloroethane
Concen: 6.671 ug/L
RT: 10.172 min Scan# 2839
Delta R.T. 0.003 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

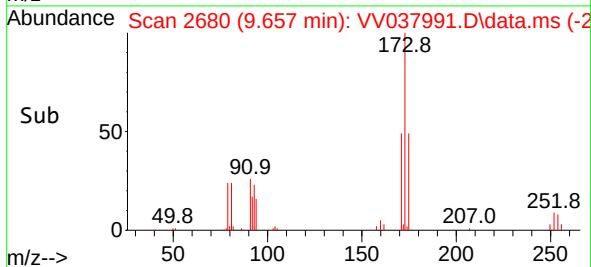
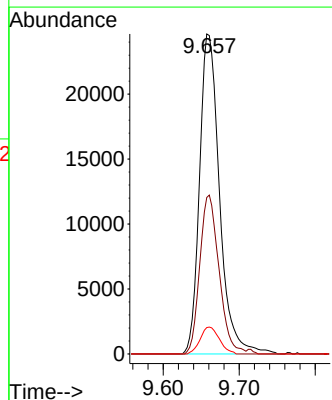
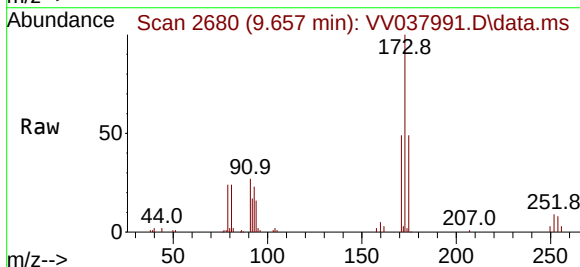
Instrument :
MSVOA_V
ClientSampleId :

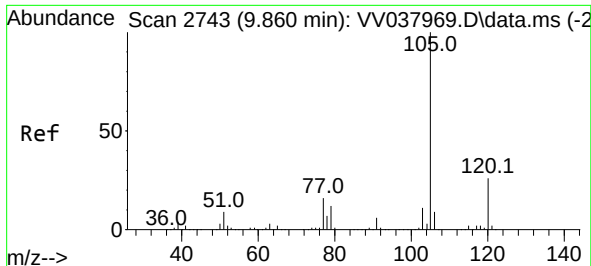
Tgt Ion: 83 Resp: 111532
Ion Ratio Lower Upper
83 100
85 63.5 44.2 82.2
131 10.0 7.9 11.9



#59
Bromoform
Concen: 5.164 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.003 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

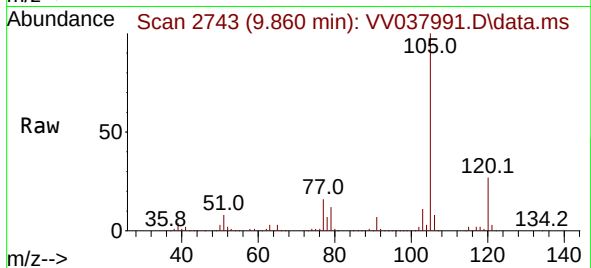
Tgt Ion: 173 Resp: 45040
Ion Ratio Lower Upper
173 100
175 47.6 38.0 57.0
254 8.0 6.9 10.3



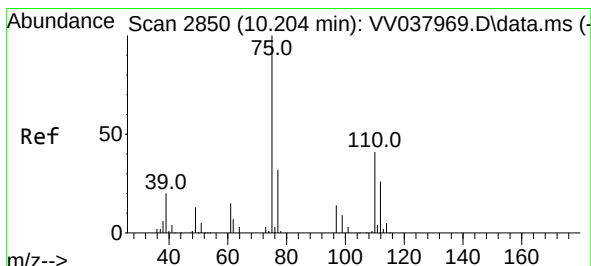
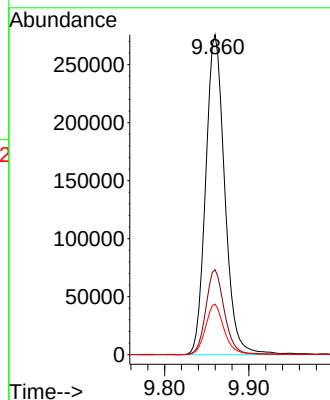
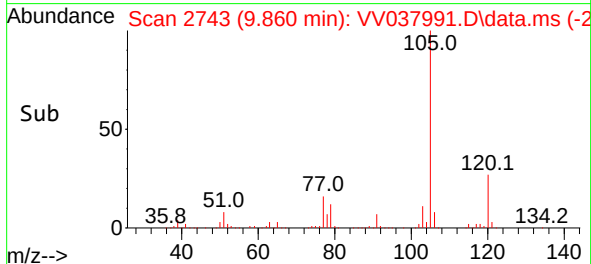


#60
Isopropylbenzene
Concen: 4.974 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

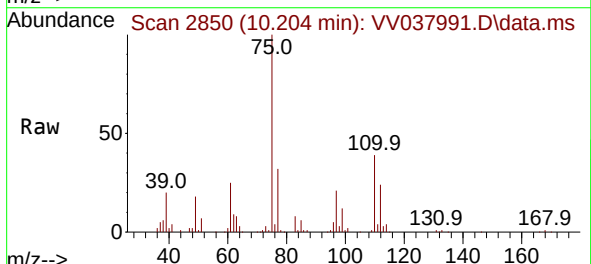
Instrument :
MSVOA_V
ClientSampleId :



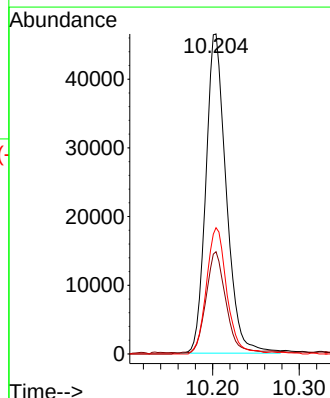
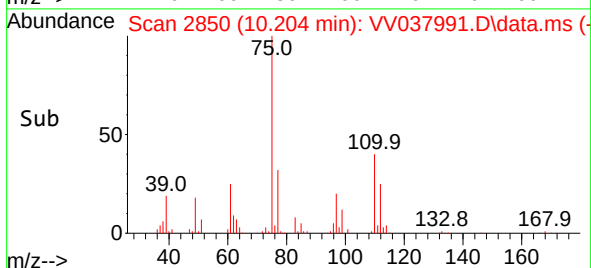
Tgt Ion:105 Resp: 433858
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4
77 15.4 12.2 18.2

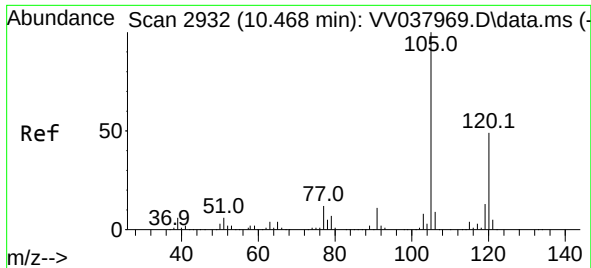


#61
1,2,3-Trichloropropane
Concen: 6.508 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13



Tgt Ion: 75 Resp: 76171
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3
110 39.5 33.5 50.3

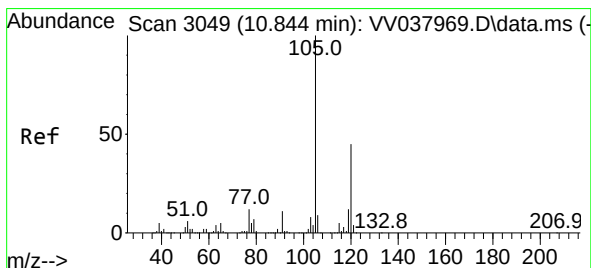
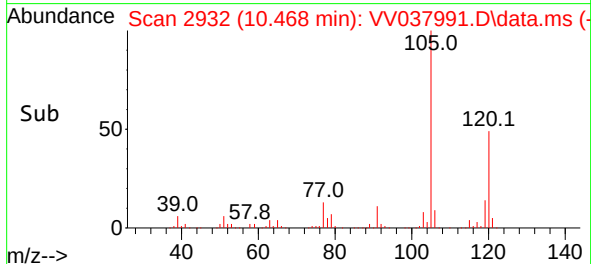
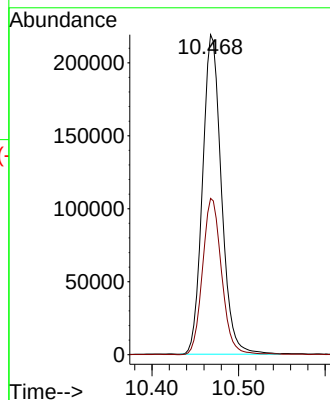
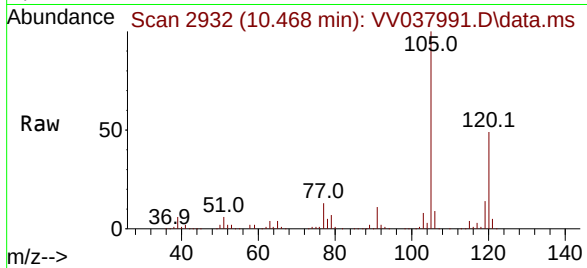




#62
 1,3,5-Trimethylbenzene
 Concen: 4.829 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. -0.000 min
 Lab File: VV037991.D
 Acq: 08 Nov 2024 20:13

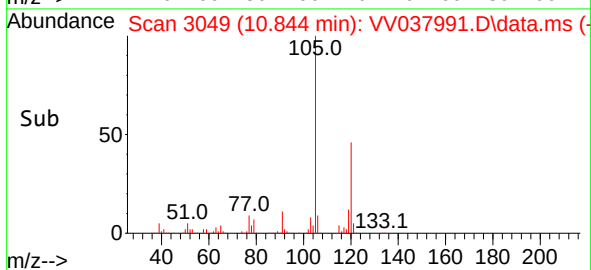
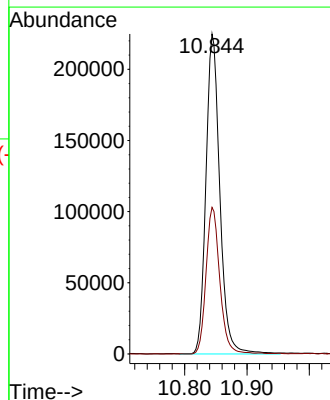
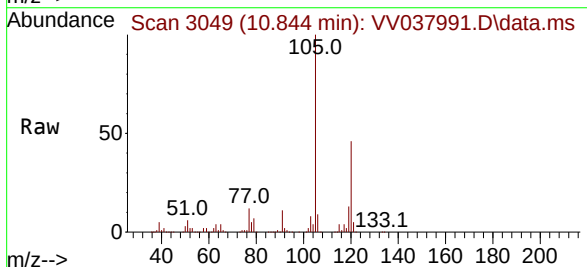
Instrument :
 MSVOA_V
 ClientSampleId :

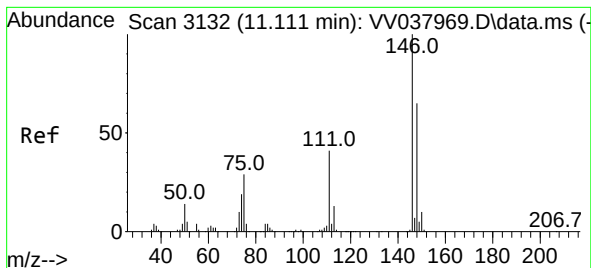
Tgt Ion:105 Resp: 331169
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.0 58.6



#63
 1,2,4-Trimethylbenzene
 Concen: 5.149 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. -0.000 min
 Lab File: VV037991.D
 Acq: 08 Nov 2024 20:13

Tgt Ion:105 Resp: 348336
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 5.273 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

Instrument :

MSVOA_V

ClientSampleId :

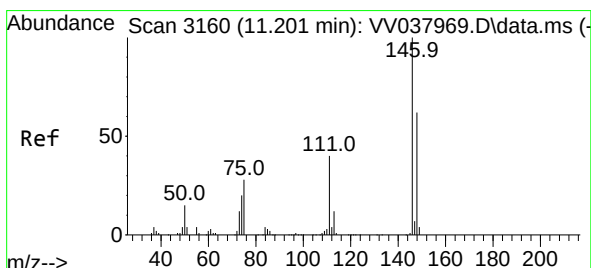
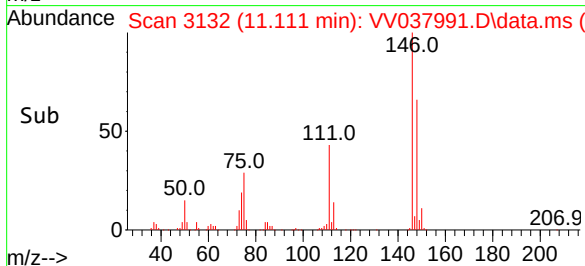
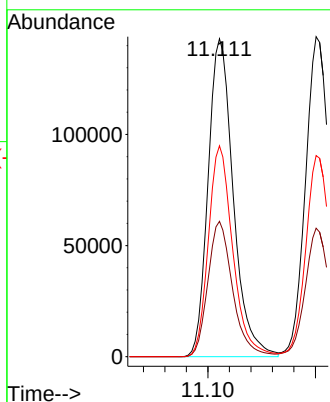
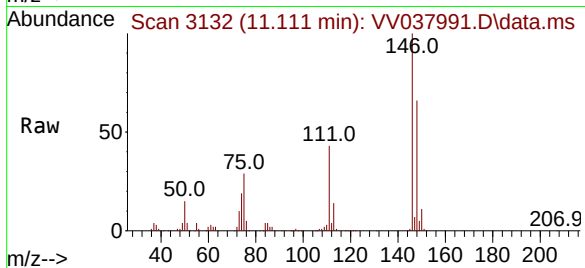
Tgt Ion:146 Resp: 232846

Ion Ratio Lower Upper

146 100

111 42.6 28.7 53.3

148 66.3 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 5.298 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

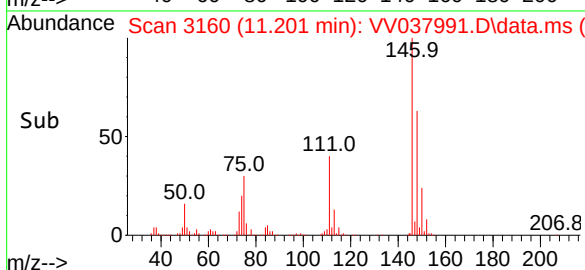
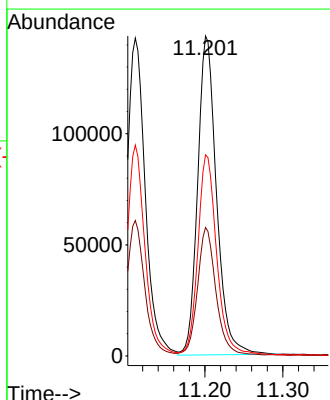
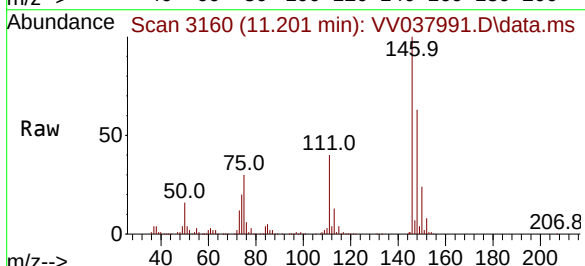
Tgt Ion:146 Resp: 241619

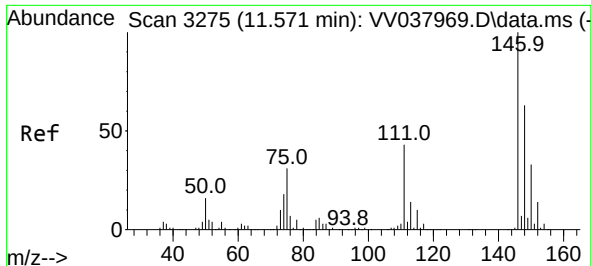
Ion Ratio Lower Upper

146 100

111 40.1 27.6 51.2

148 62.8 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.456 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

Instrument :

MSVOA_V

ClientSampleId :

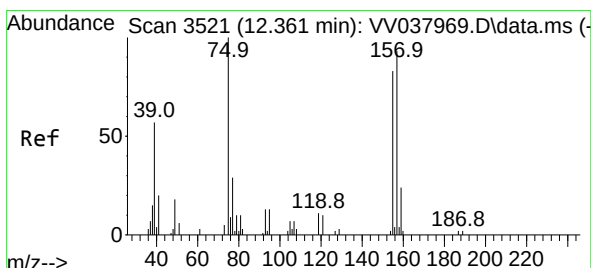
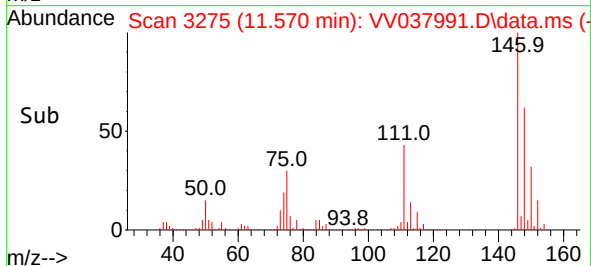
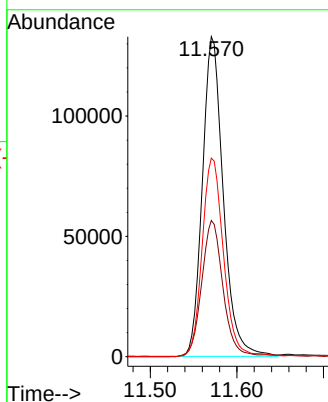
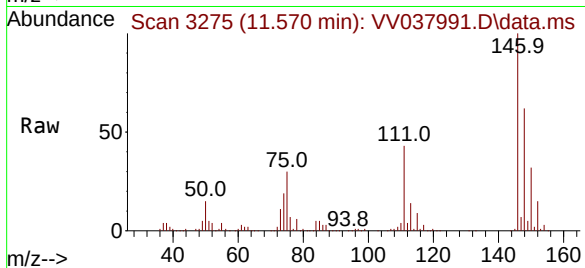
Tgt Ion:146 Resp: 222787

Ion Ratio Lower Upper

146 100

111 42.5 33.9 50.9

148 62.0 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 6.428 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

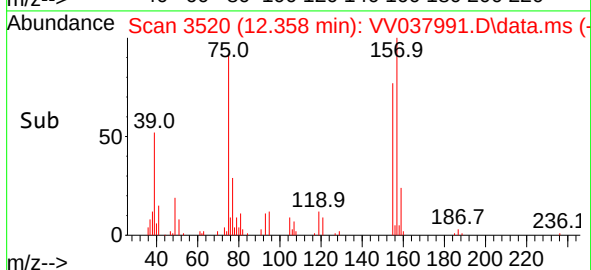
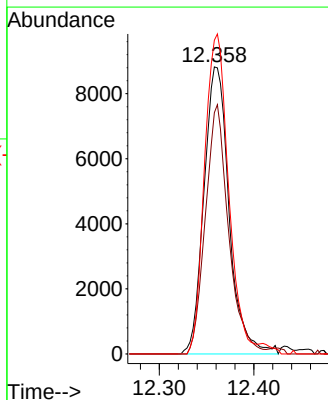
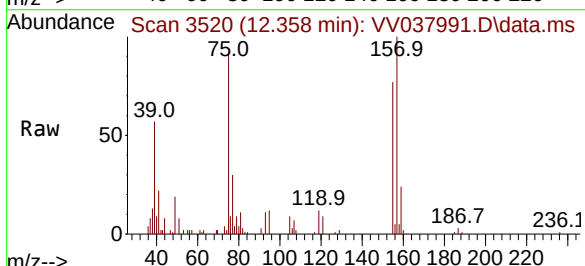
Tgt Ion: 75 Resp: 16333

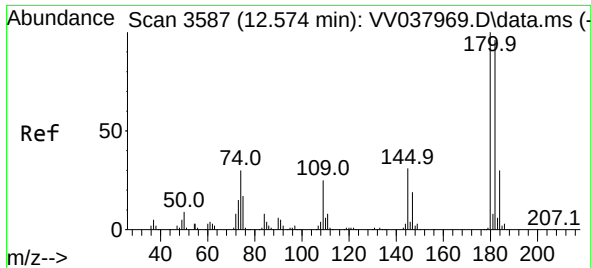
Ion Ratio Lower Upper

75 100

155 84.0 70.2 105.2

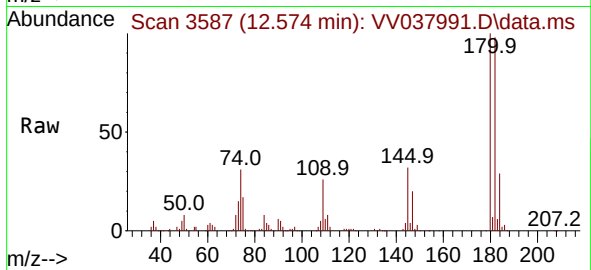
157 109.3 80.2 120.4



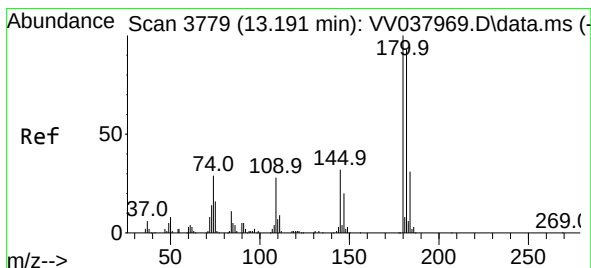
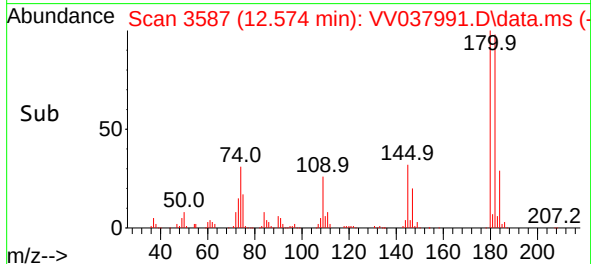
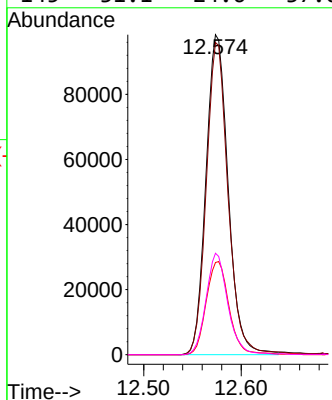


#69
1,3,5-Trichlorobenzene
Concen: 4.988 ug/L
RT: 12.574 min Scan# 3587
Delta R.T. -0.000 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

Instrument :
MSVOA_V
ClientSampleId :

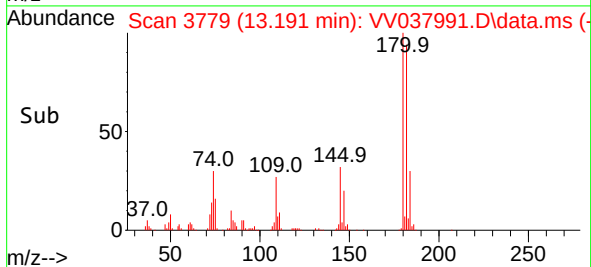
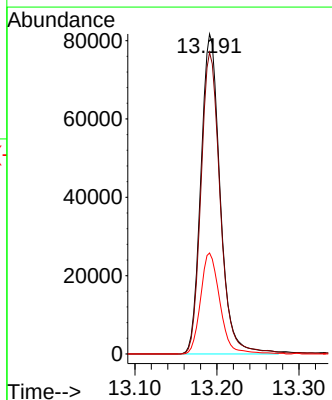
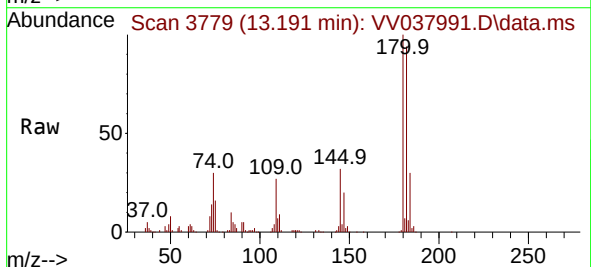


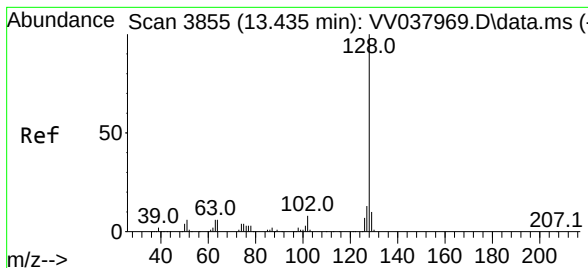
Tgt Ion:180 Resp: 155468
Ion Ratio Lower Upper
180 100
182 96.0 76.2 114.4
184 30.0 24.1 36.1
145 31.1 24.6 37.0



#70
1,2,4-trichlorobenzene
Concen: 5.454 ug/L
RT: 13.191 min Scan# 3779
Delta R.T. -0.000 min
Lab File: VV037991.D
Acq: 08 Nov 2024 20:13

Tgt Ion:180 Resp: 133470
Ion Ratio Lower Upper
180 100
182 94.6 74.8 112.2
145 31.7 25.4 38.0





#71

Naphthalene

Concen: 5.794 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

Instrument :

MSVOA_V

ClientSampleId :

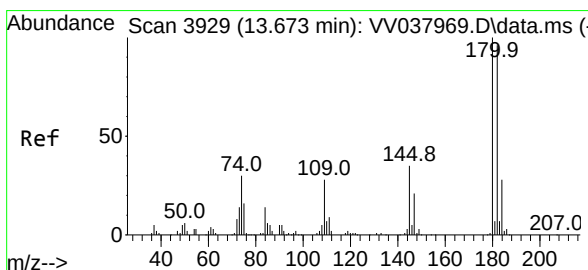
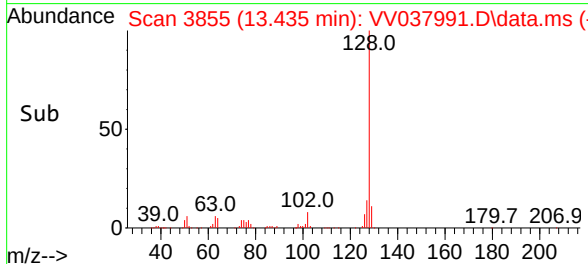
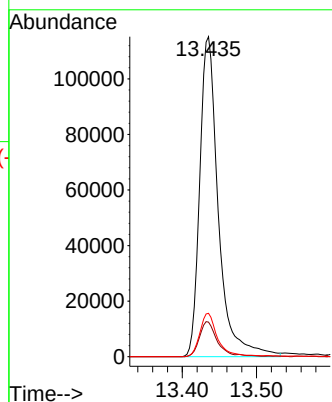
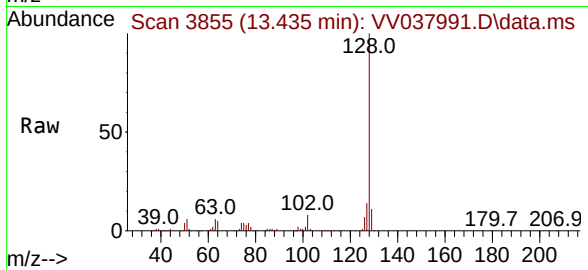
Tgt Ion:128 Resp: 201238

Ion Ratio Lower Upper

128 100

129 10.6 8.3 12.5

127 12.9 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 5.893 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037991.D

Acq: 08 Nov 2024 20:13

Tgt Ion:180 Resp: 124347

Ion Ratio Lower Upper

180 100

182 94.8 79.4 119.0

145 34.9 26.6 40.0

