

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111124\
 Data File : VV037993.D
 Acq On : 11 Nov 2024 11:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 04:31:12 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	290134	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	299940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	165088	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	83369	3.754	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.529	69	74622	4.123	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.053	65	36216	3.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.821	46	220868	53.361	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.720%
24) Chloroform-d	4.239	84	186860	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.937	65	89702	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.953	84	327912	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	5.982	67	102910	4.556	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.236	98	303372	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.551	79	35813	4.100	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.024	63	208899	61.545	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.100%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	98002	5.381	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.554	152	119579	4.392	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	145903	5.038	ug/L	99
3) Chloromethane	1.214	50	130660	4.795	ug/L	99
5) Vinyl chloride	1.281	62	139066	5.128	ug/L	100
6) Bromomethane	1.484	94	74251	4.840	ug/L	100
8) Chloroethane	1.545	64	85610	5.306	ug/L	99
9) Trichlorofluoromethane	1.709	101	195978	5.201	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	111135	5.154	ug/L	99
12) 1,1-Dichloroethene	2.063	96	103869	5.241	ug/L	94
13) Acetone	2.156	43	164879	56.117	ug/L	96
14) Carbon disulfide	2.233	76	333060	4.954	ug/L	99
15) Methyl Acetate	2.391	43	40078	5.763	ug/L	93
16) Methylene chloride	2.439	84	119452	5.163	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	247318	5.581	ug/L	99
18) trans-1,2-Dichloroethene	2.686	96	110617	5.167	ug/L	97
19) 1,1-Dichloroethane	3.104	63	204161	5.250	ug/L	98
21) 2-Butanone	3.899	43	241316	55.265	ug/L	96
22) cis-1,2-Dichloroethene	3.805	96	114831	5.091	ug/L	99
23) Bromochloromethane	4.140	128	58519	5.746	ug/L	98
25) Chloroform	4.268	83	217516	5.324	ug/L	98

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 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 04:31:12 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

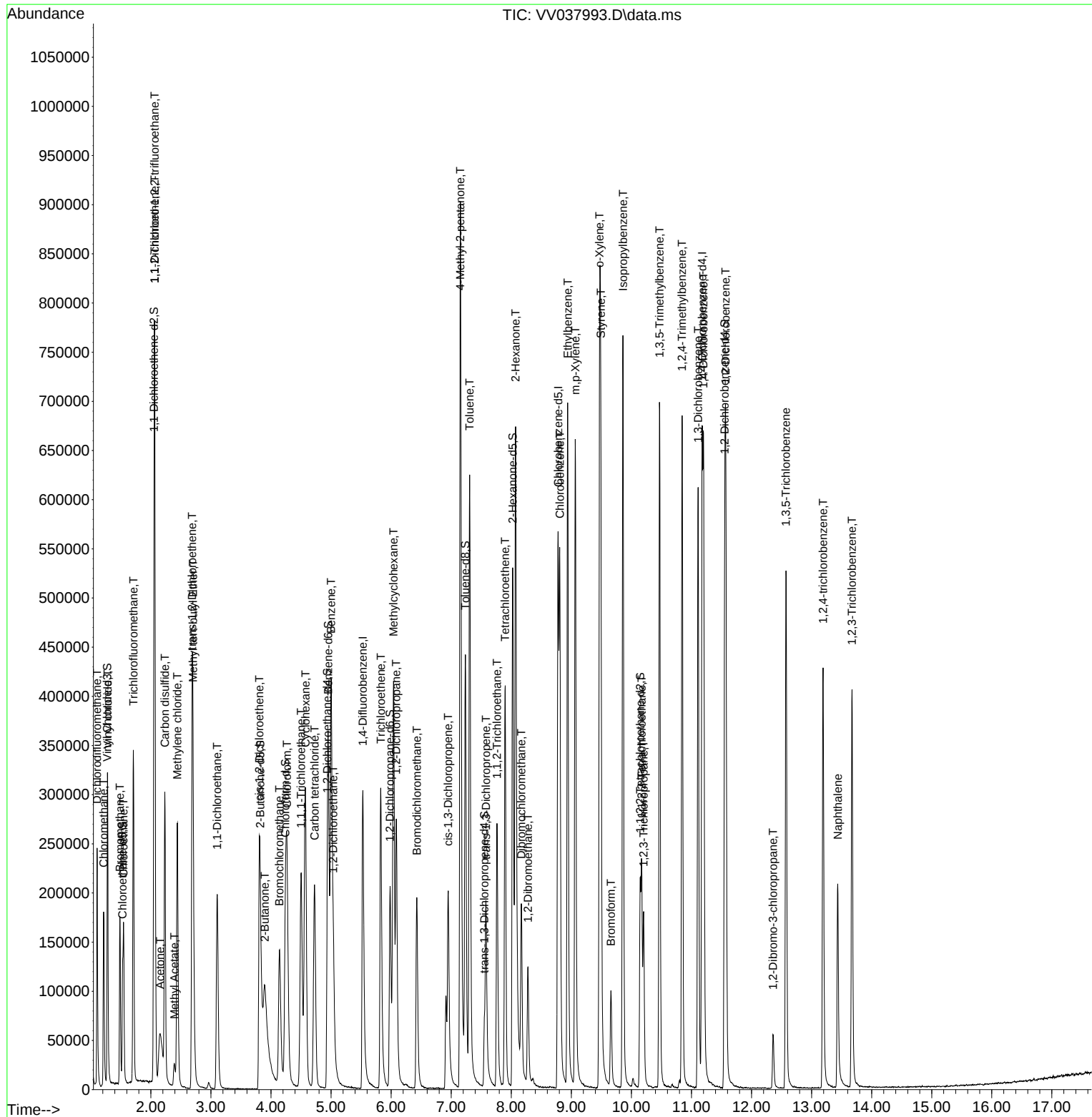
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	127308	5.624	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	188054	5.245	ug/L	99
30) Cyclohexane	4.574	56	155951	4.902	ug/L	99
31) Carbon tetrachloride	4.725	117	162015	5.149	ug/L	99
33) Benzene	5.001	78	448506	5.442	ug/L	100
34) Trichloroethene	5.828	95	117291	5.139	ug/L	98
35) Methylcyclohexane	6.040	83	167225	4.916	ug/L	98
37) 1,2-Dichloropropane	6.085	63	111782	5.426	ug/L	99
38) Bromodichloromethane	6.429	83	143708	5.258	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	142336	4.782	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	637711	61.515	ug/L	98
42) Toluene	7.307	91	486684	5.580	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	122198	4.979	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	89970	5.770	ug/L	98
47) Tetrachloroethene	7.898	164	94900	5.349	ug/L	99
48) 2-Hexanone	8.072	43	455242	62.081	ug/L	99
49) Dibromochloromethane	8.169	129	91386	5.127	ug/L	95
50) 1,2-Dibromoethane	8.278	107	85533	5.878	ug/L	97
51) Chlorobenzene	8.808	112	316918	5.313	ug/L	97
52) Ethylbenzene	8.940	91	499567	5.318	ug/L	99
53) m,p-Xylene	9.066	106	193699	5.405	ug/L	97
54) o-Xylene	9.471	106	185687	5.445	ug/L	96
55) Styrene	9.490	104	333812	5.683	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	112485	6.214	ug/L	100
59) Bromoform	9.660	173	46923	4.878	ug/L	100
60) Isopropylbenzene	9.860	105	495965	5.155	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	73715	5.710	ug/L	99
62) 1,3,5-Trimethylbenzene	10.467	105	378952	5.010	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	377937	5.065	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	256880	5.274	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	267914	5.326	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	240250	5.334	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	15230	5.434	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	169522	4.931	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	138442	5.129	ug/L	98
71) Naphthalene	13.435	128	186246	4.862	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	129405	5.560	ug/L	95

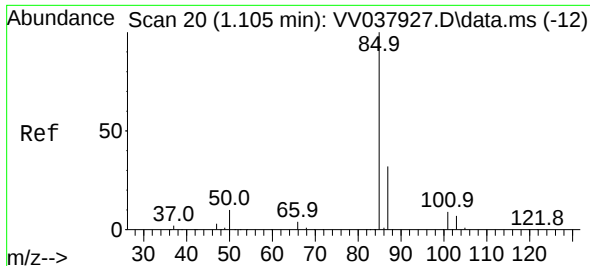
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Data File : VV037993.D
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Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

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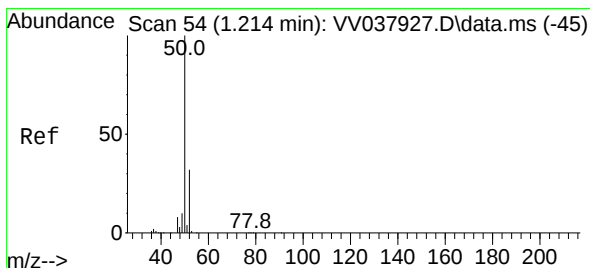
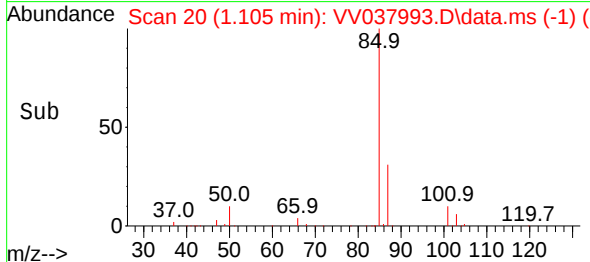
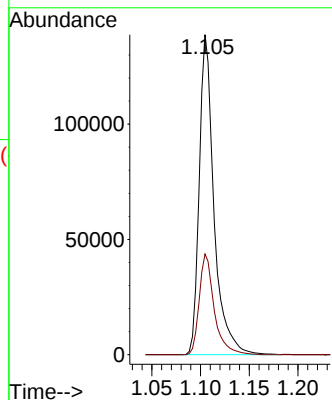
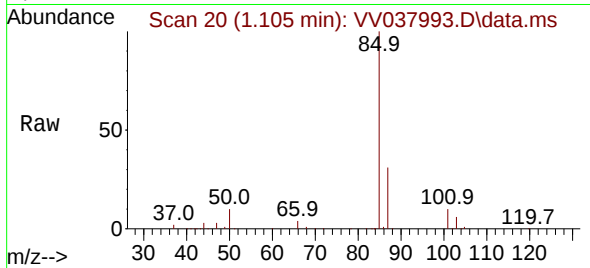




#2
Dichlorodifluoromethane
Concen: 5.038 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

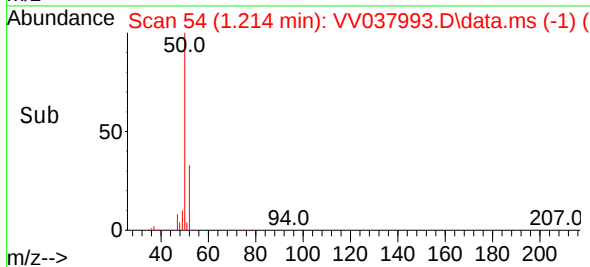
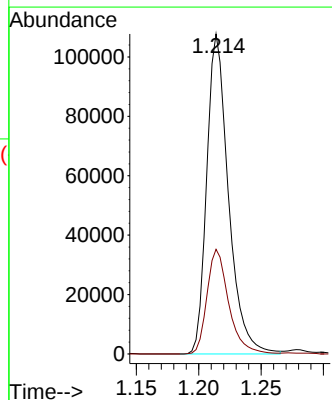
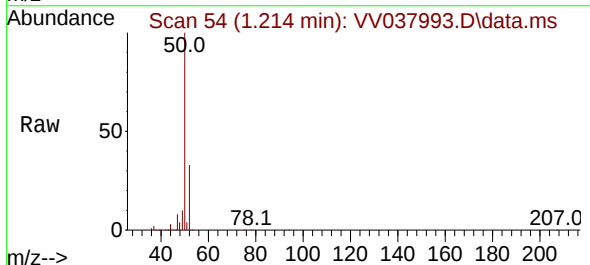
Instrument :
MSVOA_V
ClientSampleId :

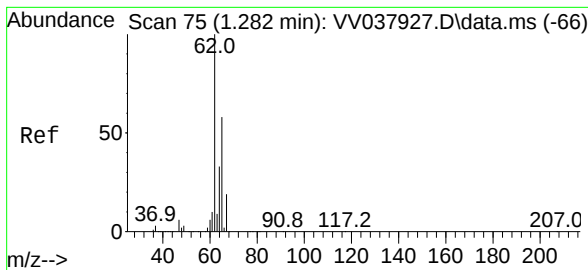
Tgt Ion: 85 Resp: 145903
Ion Ratio Lower Upper
85 100
87 32.0 25.4 38.0



#3
Chloromethane
Concen: 4.795 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

Tgt Ion: 50 Resp: 130660
Ion Ratio Lower Upper
50 100
52 32.7 23.4 43.4

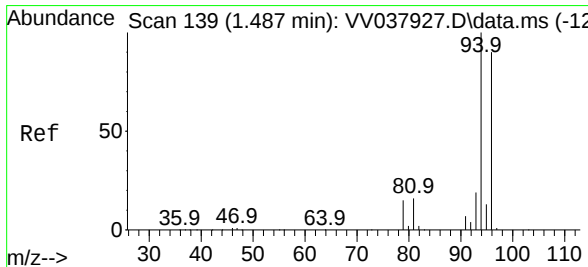
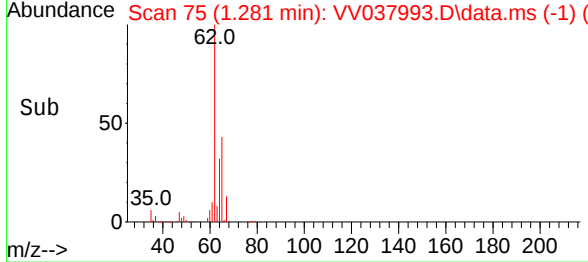
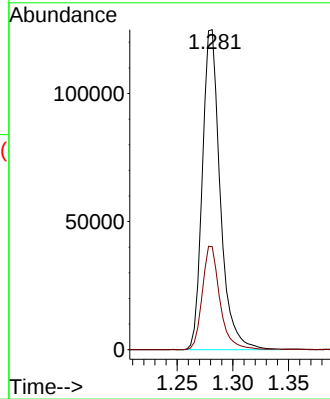
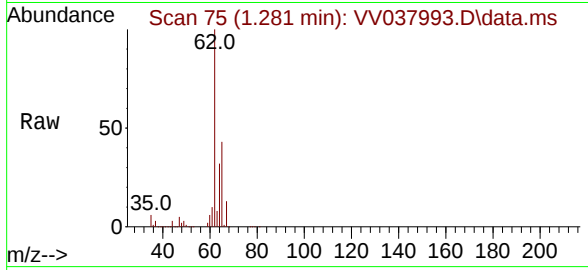




#5
 Vinyl chloride
 Concen: 5.128 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV037993.D
 Acq: 11 Nov 2024 11:09

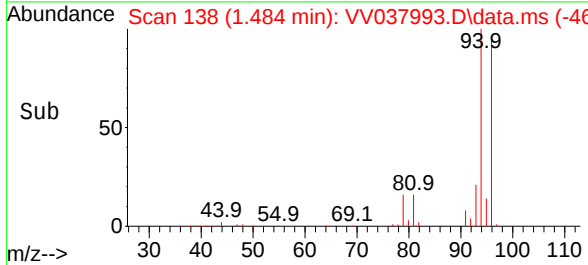
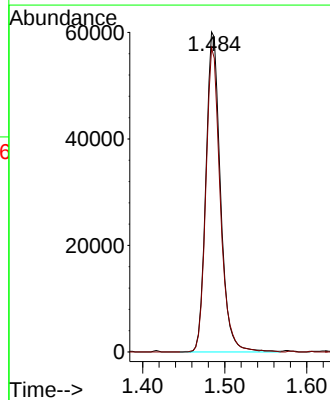
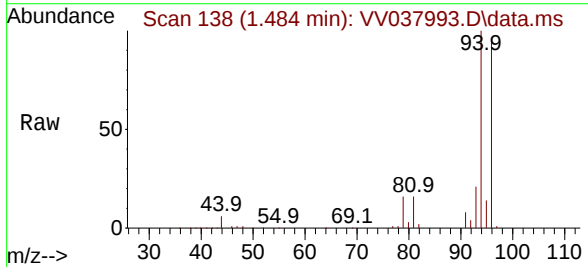
Instrument :
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 ClientSampleId :

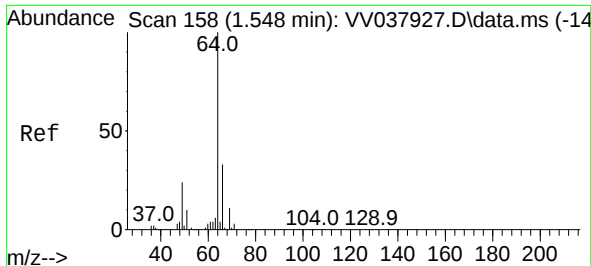
Tgt Ion: 62 Resp: 139066
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.4 41.6



#6
 Bromomethane
 Concen: 4.840 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV037993.D
 Acq: 11 Nov 2024 11:09

Tgt Ion: 94 Resp: 74251
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.3 123.1

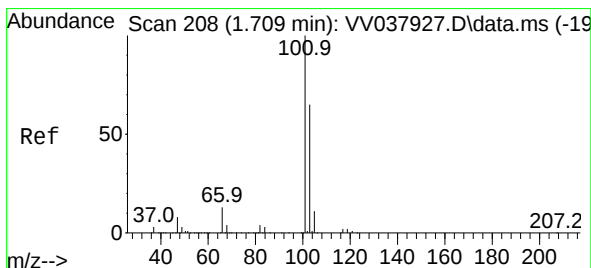
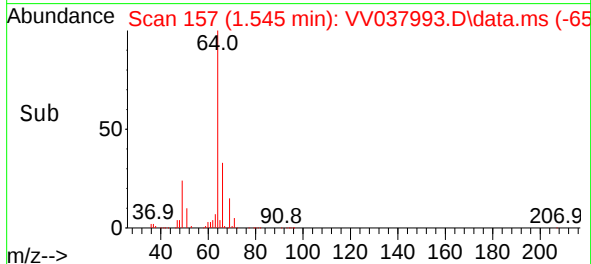
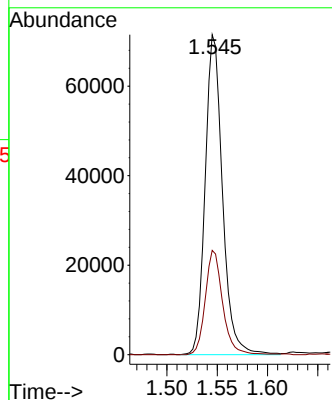
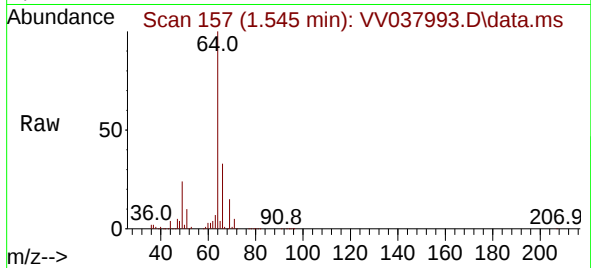




#8
Chloroethane
Concen: 5.306 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.003 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

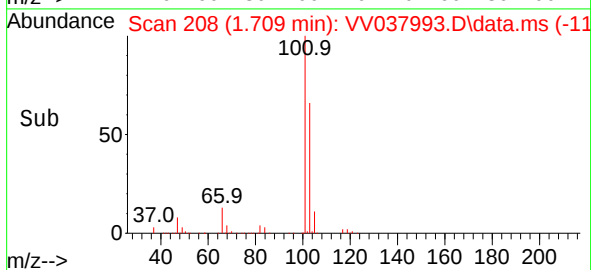
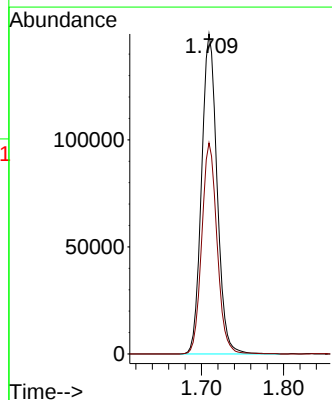
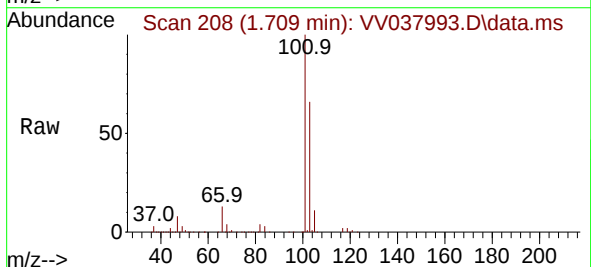
Instrument :
MSVOA_V
ClientSampleId :

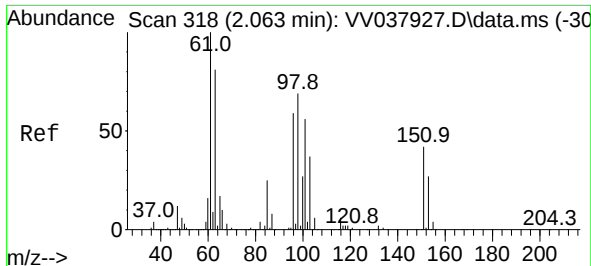
Tgt Ion: 64 Resp: 85610
Ion Ratio Lower Upper
64 100
66 32.6 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.201 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

Tgt Ion:101 Resp: 195978
Ion Ratio Lower Upper
101 100
103 65.3 51.7 77.5

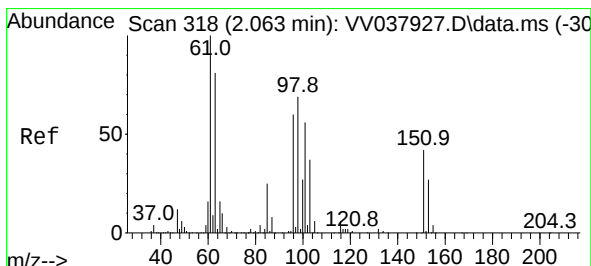
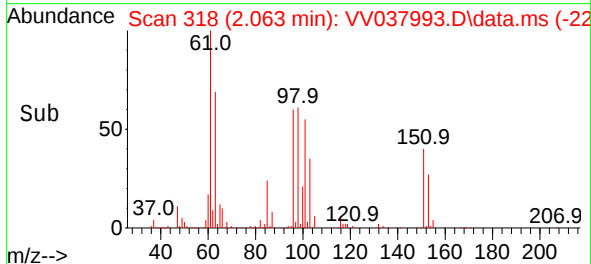
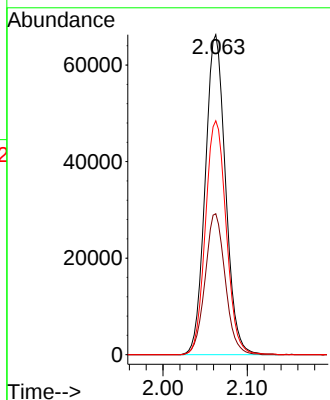
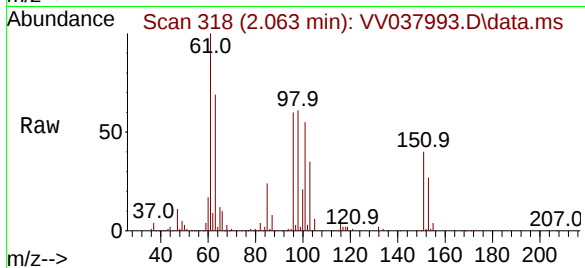




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.154 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV037993.D
 Acq: 11 Nov 2024 11:09

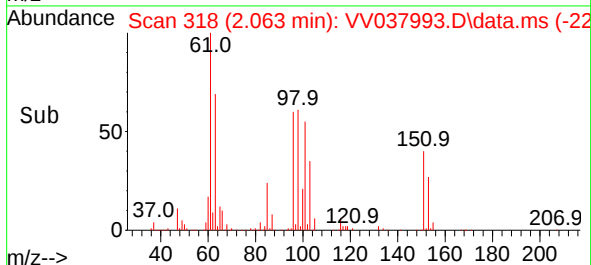
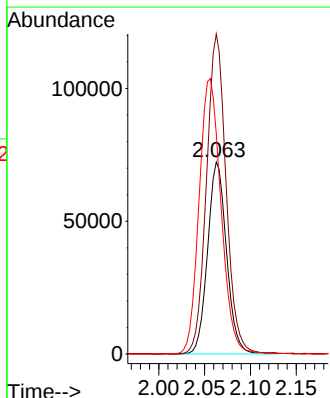
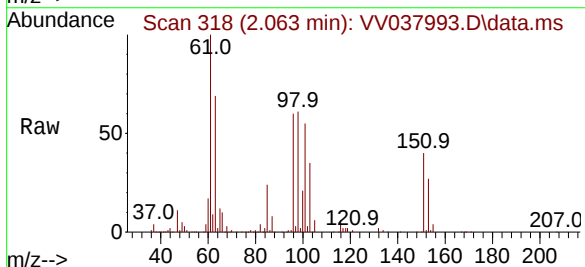
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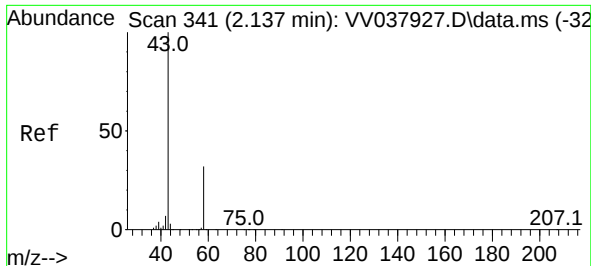
Tgt Ion:101 Resp: 111135
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.0 52.6
 151 74.9 59.2 88.8



#12
 1,1-Dichloroethene
 Concen: 5.241 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV037993.D
 Acq: 11 Nov 2024 11:09

Tgt Ion: 96 Resp: 103869
 Ion Ratio Lower Upper
 96 100
 61 166.7 117.4 218.0
 63 114.8 91.7 170.3





#13

Acetone

Concen: 56.117 ug/L

RT: 2.156 min Scan# 341

Delta R.T. 0.009 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Instrument :

MSVOA_V

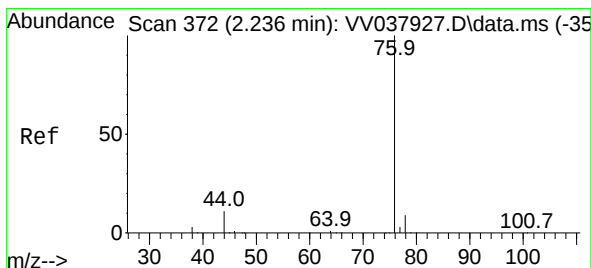
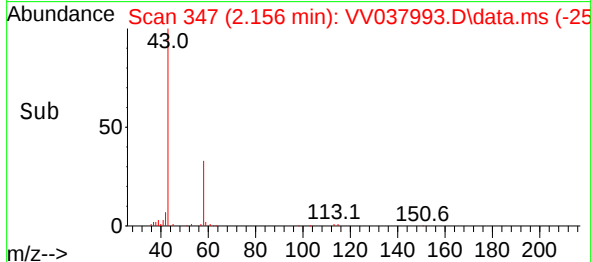
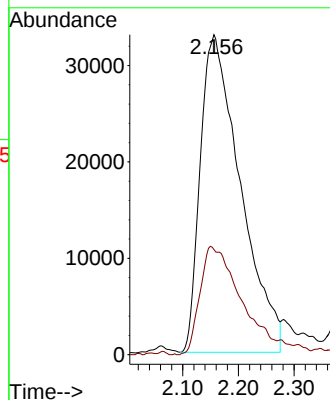
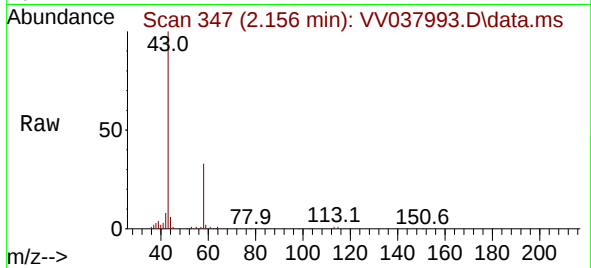
ClientSampleId :

Tgt Ion: 43 Resp: 164879

Ion Ratio Lower Upper

43 100

58 34.6 0.0 64.6



#14

Carbon disulfide

Concen: 4.954 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV037993.D

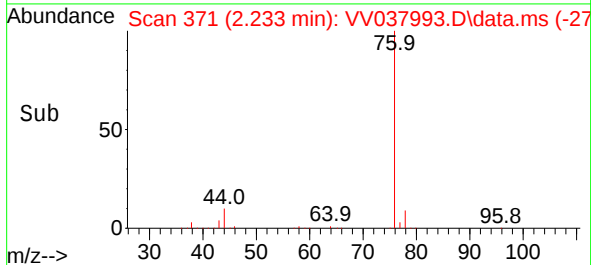
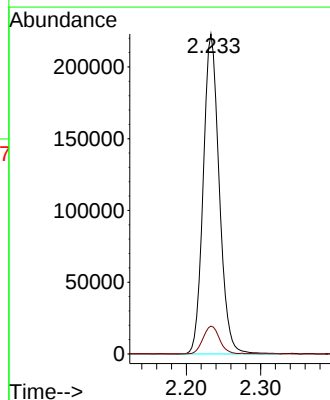
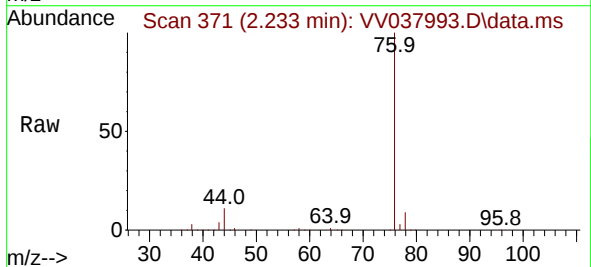
Acq: 11 Nov 2024 11:09

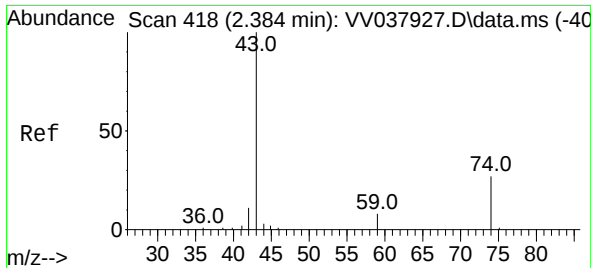
Tgt Ion: 76 Resp: 333060

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9





#15

Methyl Acetate

Concen: 5.763 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Instrument :

MSVOA_V

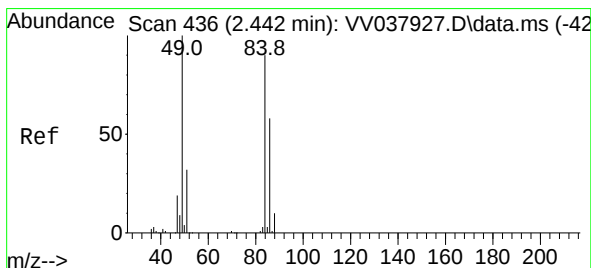
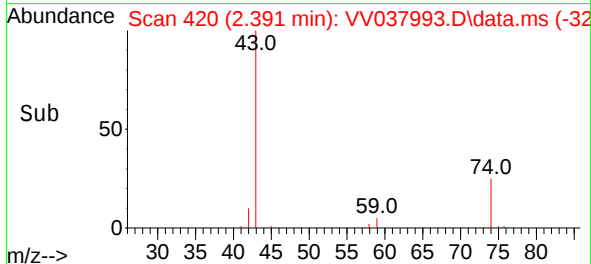
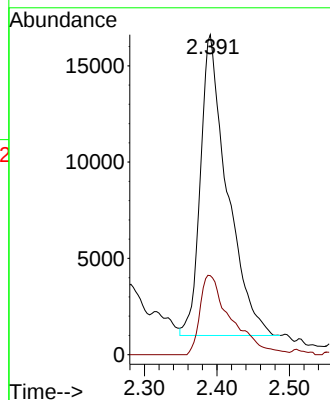
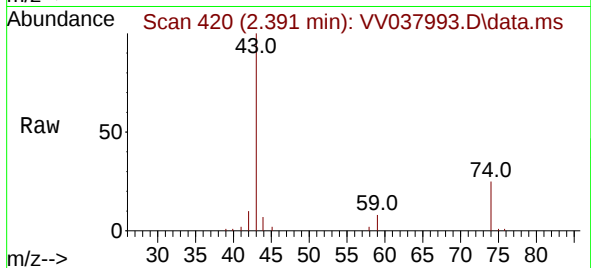
ClientSampleId :

Tgt Ion: 43 Resp: 40078

Ion Ratio Lower Upper

43 100

74 30.7 21.8 32.8



#16

Methylene chloride

Concen: 5.163 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.003 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

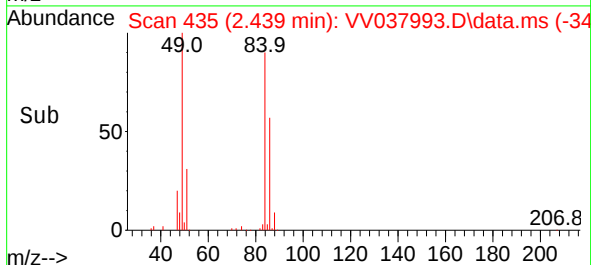
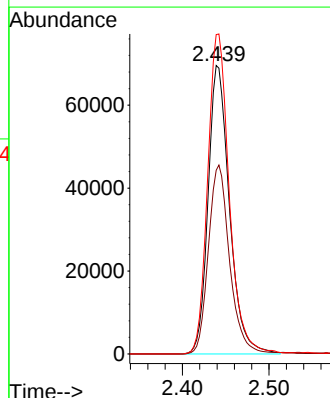
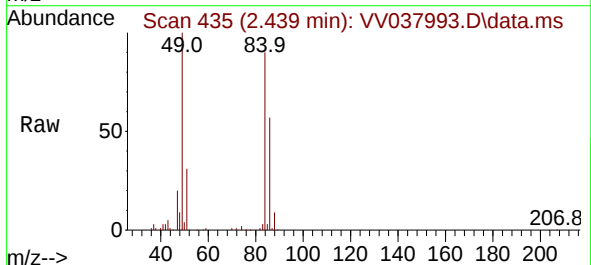
Tgt Ion: 84 Resp: 119452

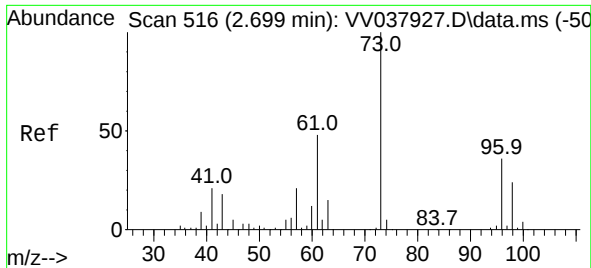
Ion Ratio Lower Upper

84 100

86 63.7 45.0 83.6

49 110.7 79.2 147.2





#17

Methyl tert-butyl Ether

Concen: 5.581 ug/L

RT: 2.703 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Instrument :

MSVOA_V

ClientSampleId :

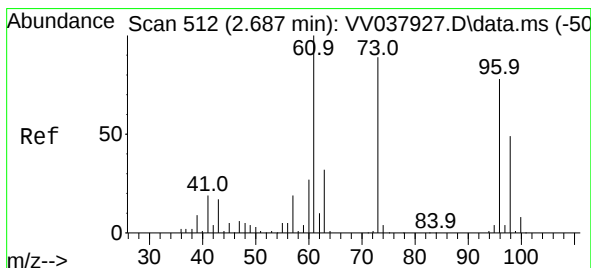
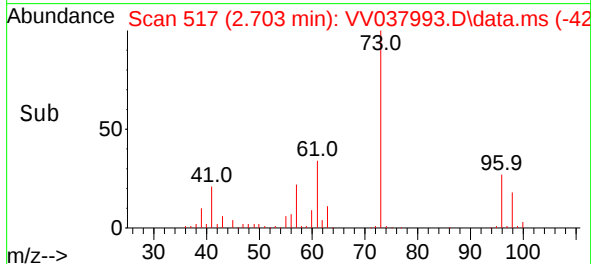
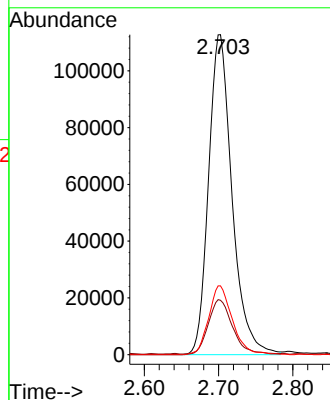
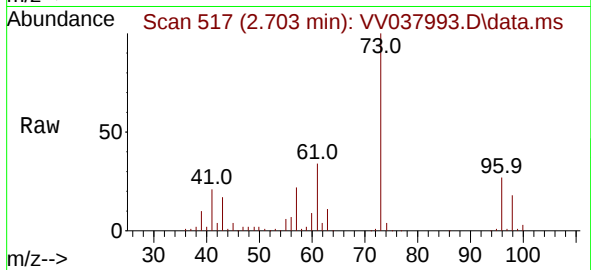
Tgt Ion: 73 Resp: 247318

Ion Ratio Lower Upper

73 100

43 17.2 14.4 21.6

57 21.7 17.8 26.6



#18

trans-1,2-Dichloroethene

Concen: 5.167 ug/L

RT: 2.686 min Scan# 512

Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

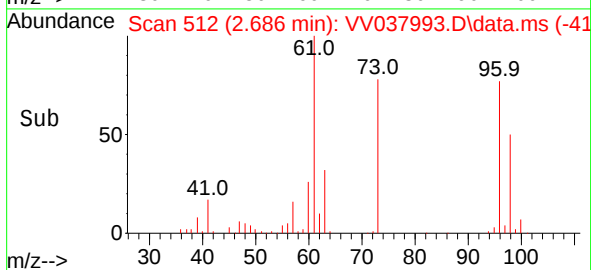
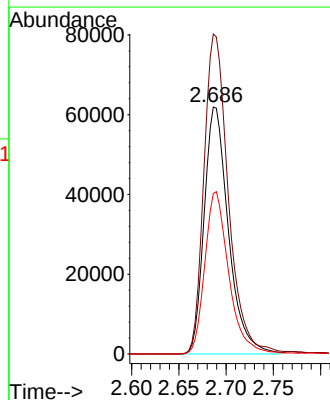
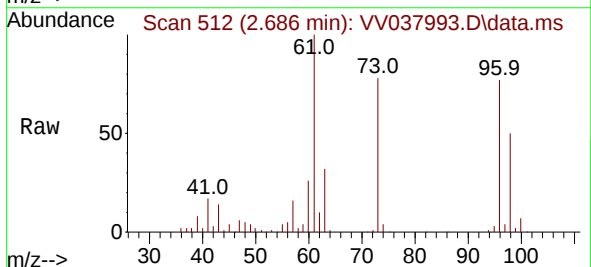
Tgt Ion: 96 Resp: 110617

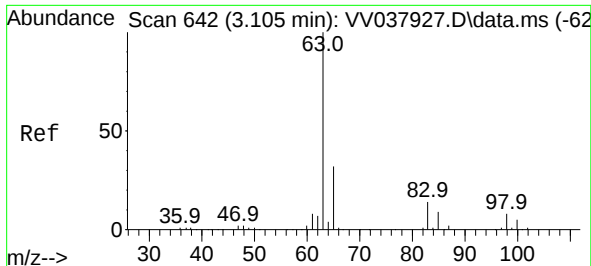
Ion Ratio Lower Upper

96 100

61 129.6 93.2 173.0

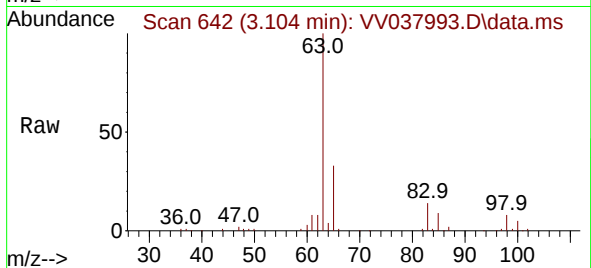
98 65.0 44.4 82.4



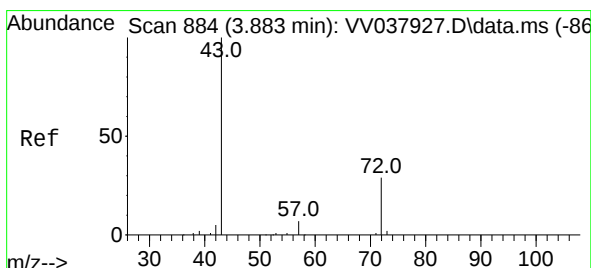
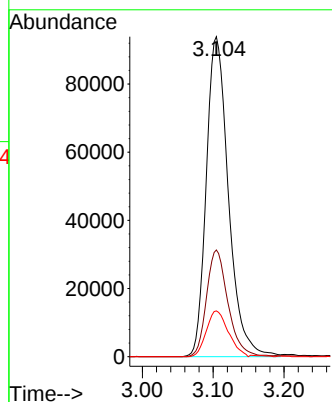
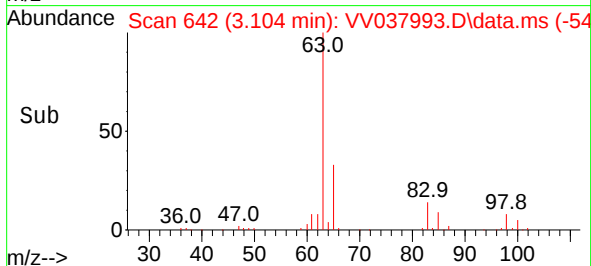


#19
1,1-Dichloroethane
Concen: 5.250 ug/L
RT: 3.104 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

Instrument :
MSVOA_V
ClientSampleId :

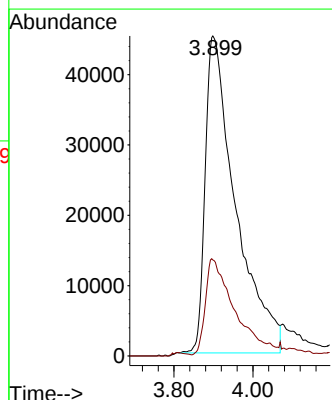
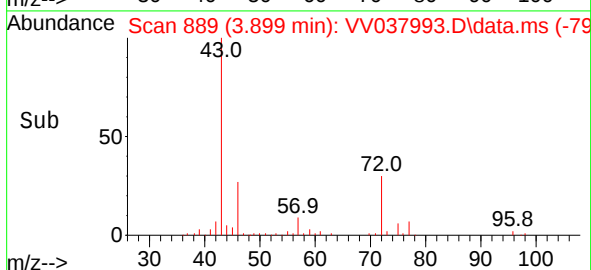
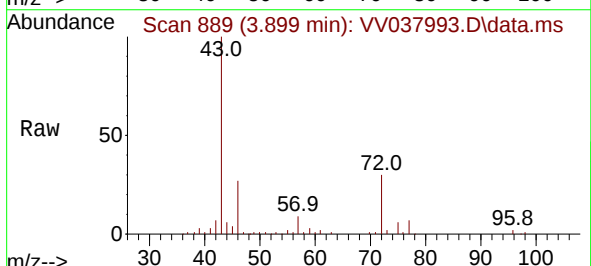


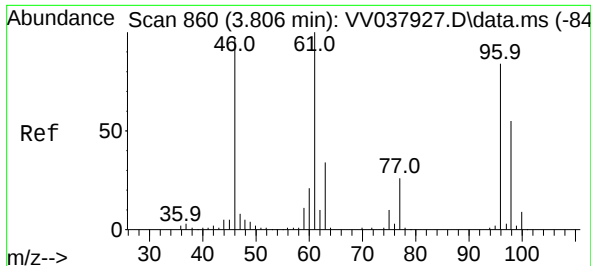
Tgt Ion: 63 Resp: 204161
Ion Ratio Lower Upper
63 100
65 33.3 22.3 41.3
83 14.3 9.5 17.7



#21
2-Butanone
Concen: 55.265 ug/L
RT: 3.899 min Scan# 889
Delta R.T. 0.009 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

Tgt Ion: 43 Resp: 241316
Ion Ratio Lower Upper
43 100
72 28.2 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 5.091 ug/L

RT: 3.805 min Scan# 860

Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Instrument :

MSVOA_V

ClientSampleId :

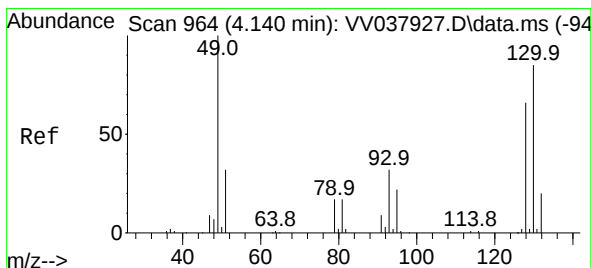
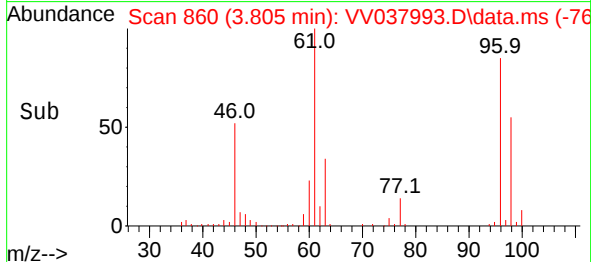
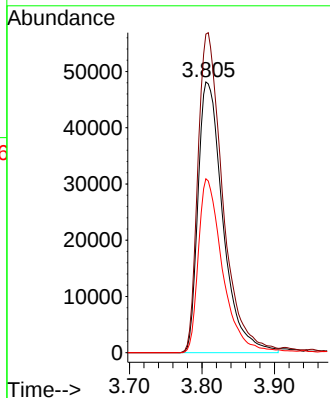
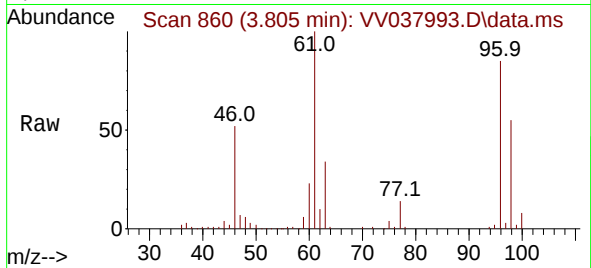
Tgt Ion: 96 Resp: 114831

Ion Ratio Lower Upper

96 100

61 117.6 83.4 154.8

98 64.2 44.6 82.8



#23

Bromochloromethane

Concen: 5.746 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Tgt Ion:128 Resp: 58519

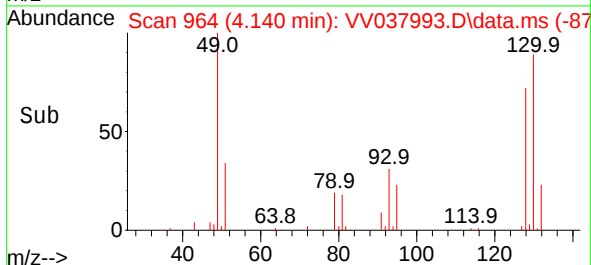
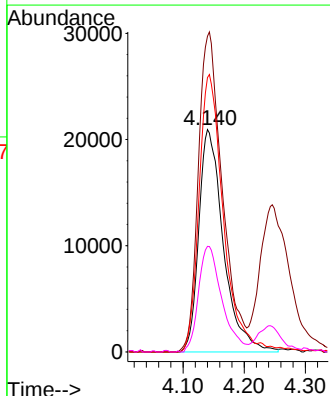
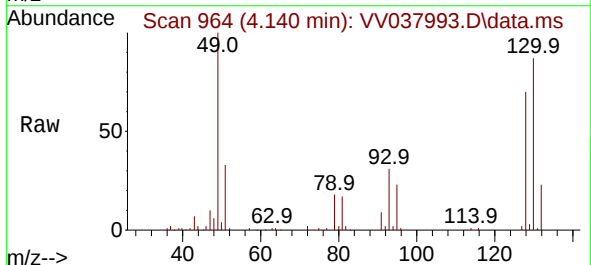
Ion Ratio Lower Upper

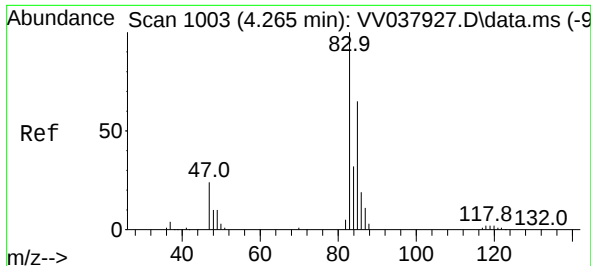
128 100

49 141.9 103.0 191.4

130 123.4 85.9 159.5

51 47.5 37.5 56.3





#25

Chloroform

Concen: 5.324 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Instrument :

MSVOA_V

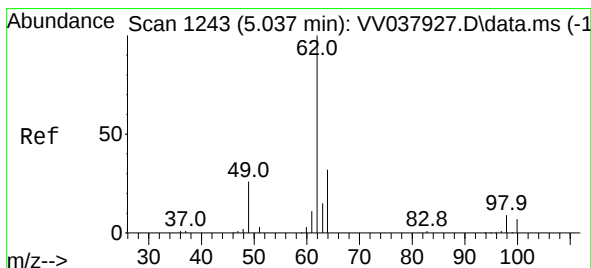
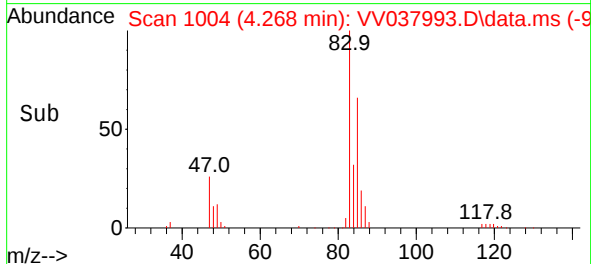
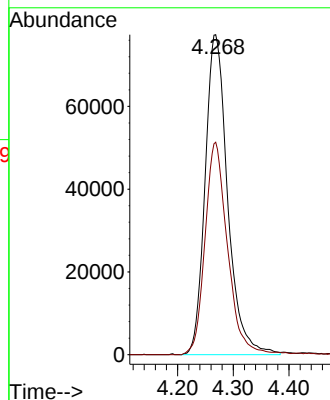
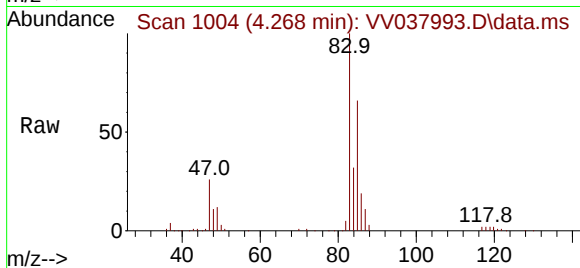
ClientSampleId :

Tgt Ion: 83 Resp: 217516

Ion Ratio Lower Upper

83 100

85 66.4 45.5 84.5



#27

1,2-Dichloroethane

Concen: 5.624 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV037993.D

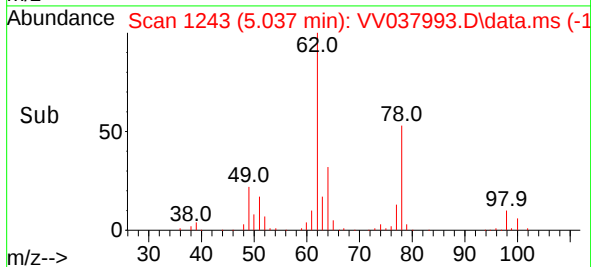
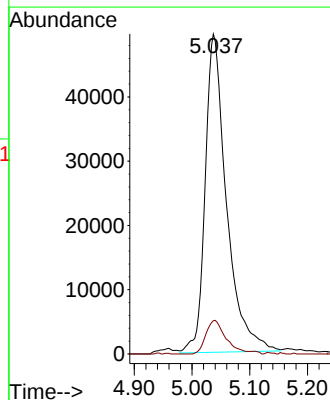
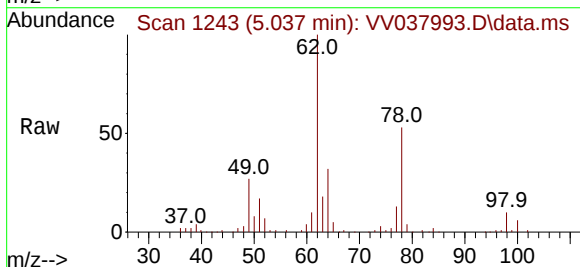
Acq: 11 Nov 2024 11:09

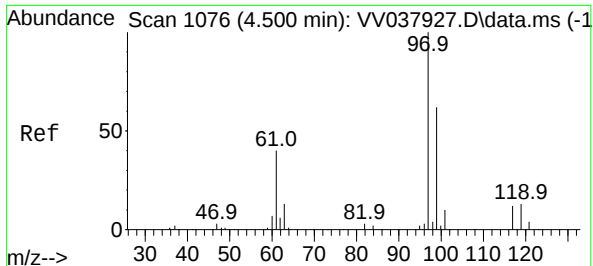
Tgt Ion: 62 Resp: 127308

Ion Ratio Lower Upper

62 100

98 10.4 8.1 12.1

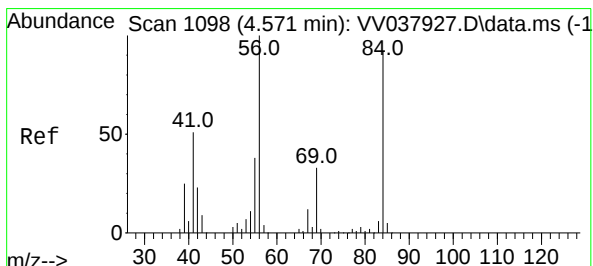
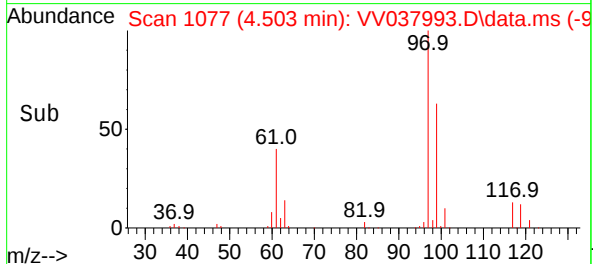
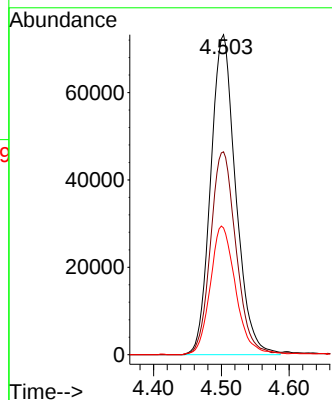
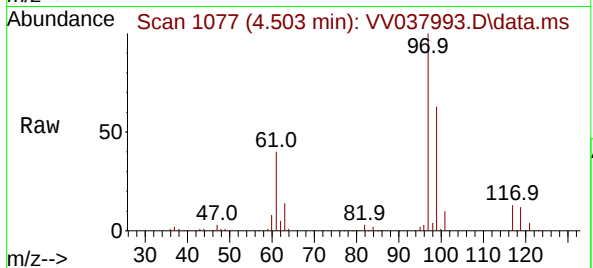




#29
1,1,1-Trichloroethane
Concen: 5.245 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

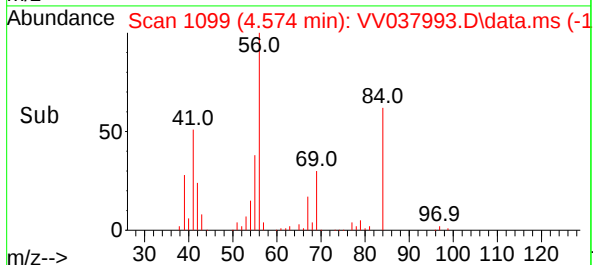
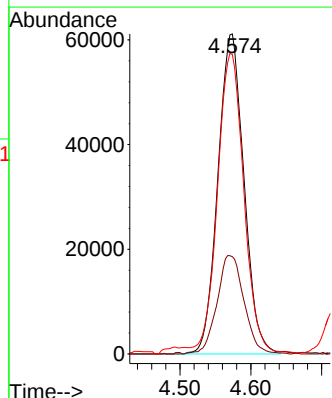
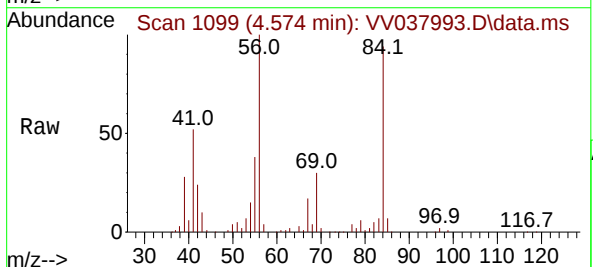
Instrument :
MSVOA_V
ClientSampleId :

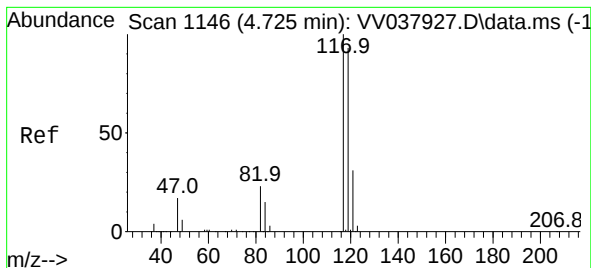
Tgt Ion: 97 Resp: 188054
Ion Ratio Lower Upper
97 100
99 64.4 52.1 78.1
61 40.9 33.3 49.9



#30
Cyclohexane
Concen: 4.902 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.003 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

Tgt Ion: 56 Resp: 155951
Ion Ratio Lower Upper
56 100
69 31.9 25.5 38.3
84 95.6 75.2 112.8





#31

Carbon tetrachloride

Concen: 5.149 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Instrument :

MSVOA_V

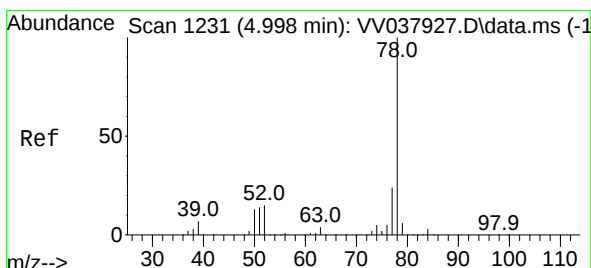
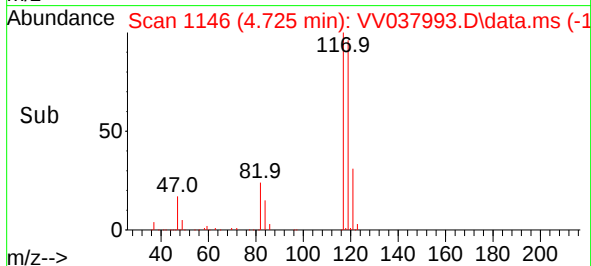
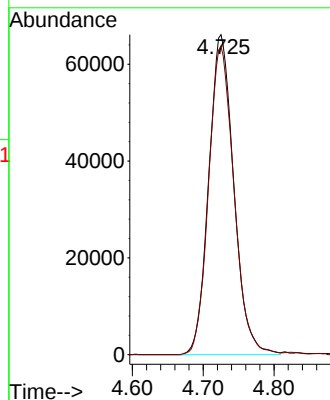
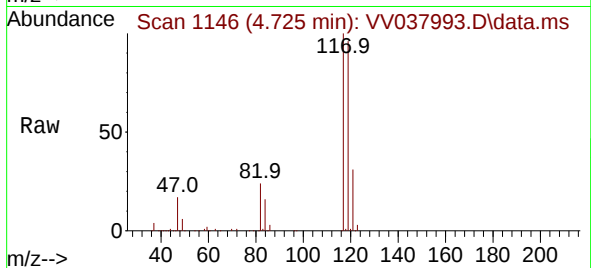
ClientSampleId :

Tgt Ion:117 Resp: 162015

Ion Ratio Lower Upper

117 100

119 97.7 77.2 115.8



#33

Benzene

Concen: 5.442 ug/L

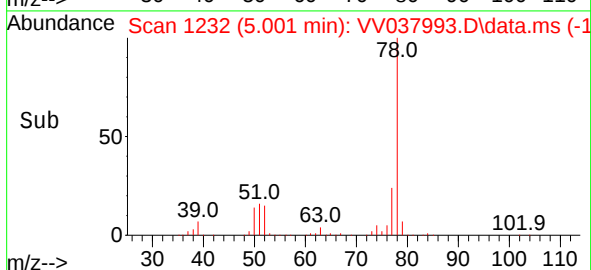
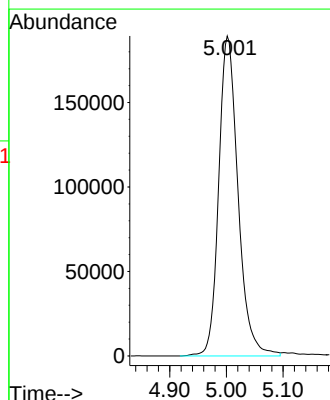
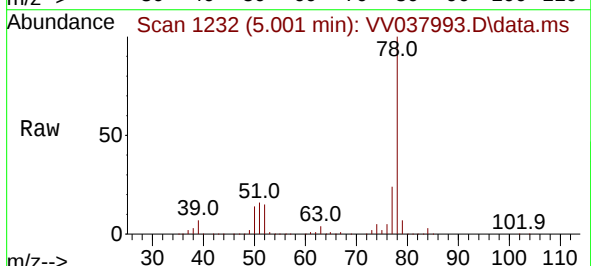
RT: 5.001 min Scan# 1232

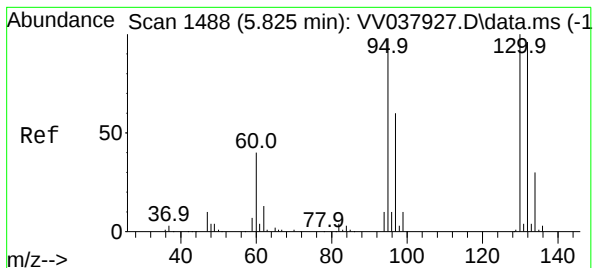
Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Tgt Ion: 78 Resp: 448506





#34

Trichloroethene

Concen: 5.139 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 117291

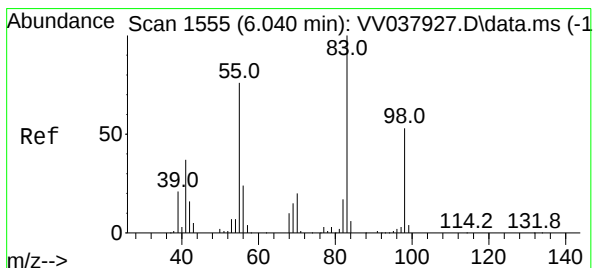
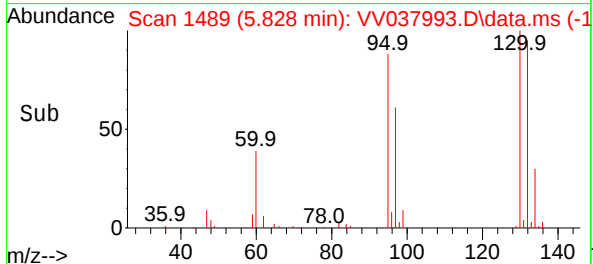
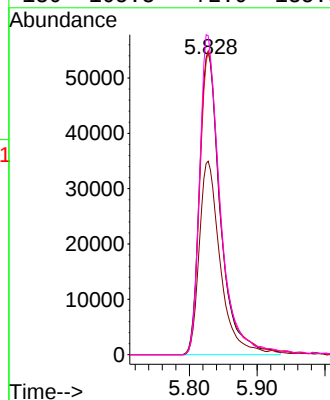
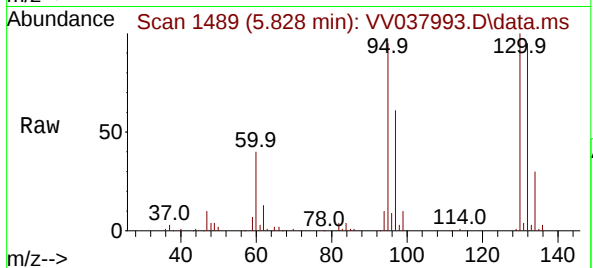
Ion Ratio Lower Upper

95 100

97 63.8 46.9 87.1

132 100.1 70.5 130.9

130 105.3 72.9 135.3



#35

Methylcyclohexane

Concen: 4.916 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

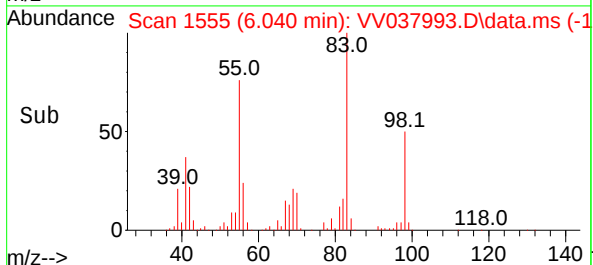
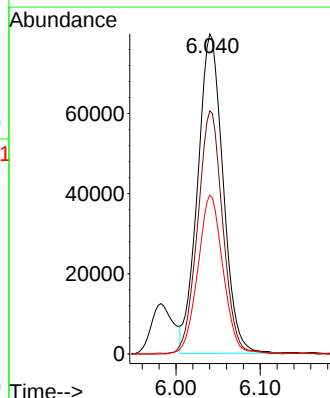
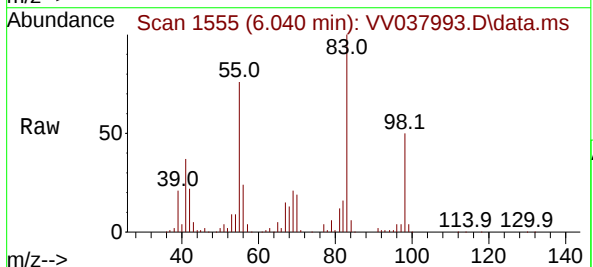
Tgt Ion: 83 Resp: 167225

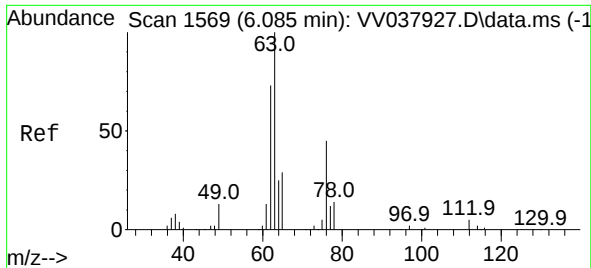
Ion Ratio Lower Upper

83 100

55 75.3 59.3 88.9

98 49.5 38.3 57.5

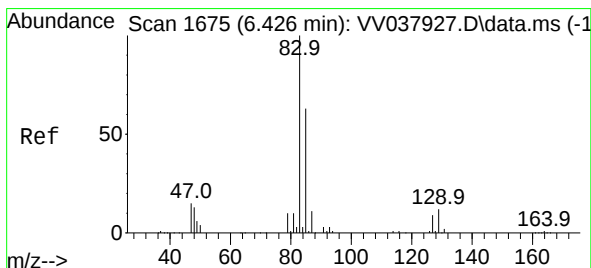
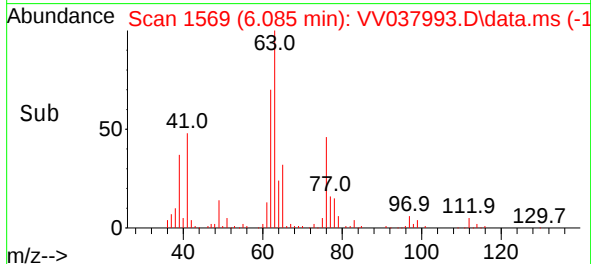
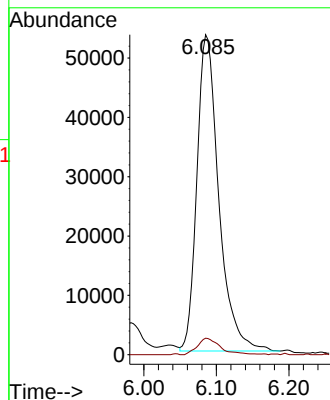
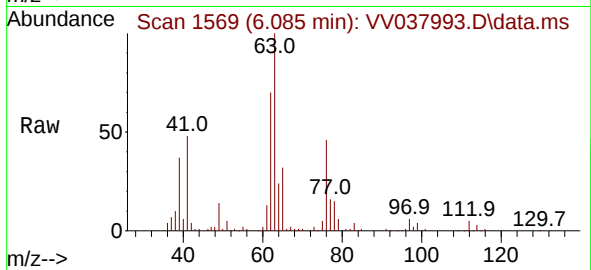




#37
1,2-Dichloropropane
Concen: 5.426 ug/L
RT: 6.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

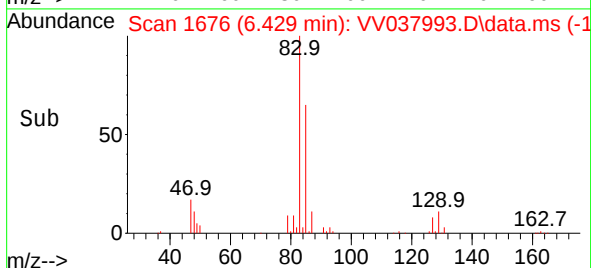
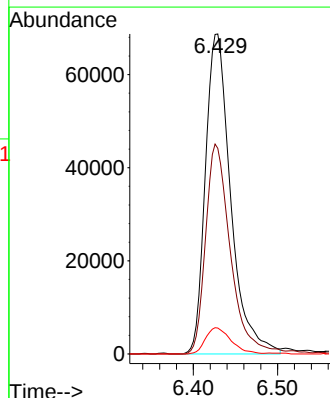
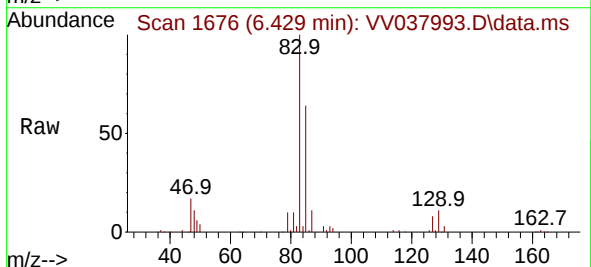
Instrument :
MSVOA_V
ClientSampleId :

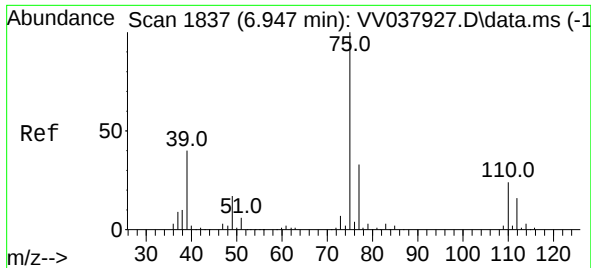
Tgt Ion: 63 Resp: 111782
Ion Ratio Lower Upper
63 100
112 5.5 4.1 6.1



#38
Bromodichloromethane
Concen: 5.258 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

Tgt Ion: 83 Resp: 143708
Ion Ratio Lower Upper
83 100
85 64.2 44.2 82.2
127 8.1 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.782 ug/L

RT: 6.950 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Instrument :

MSVOA_V

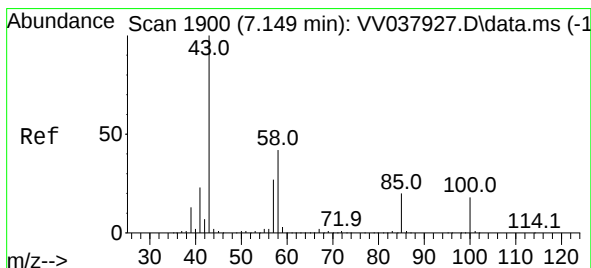
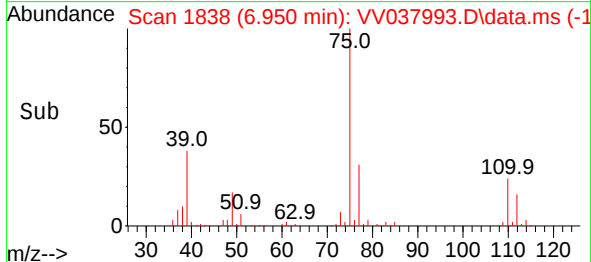
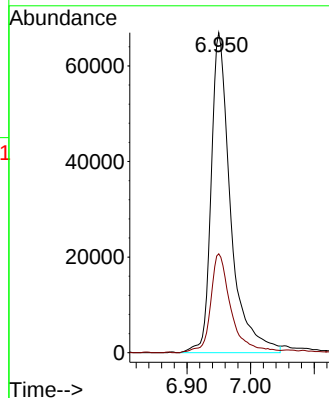
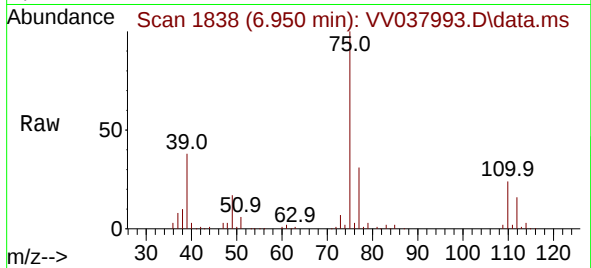
ClientSampleId :

Tgt Ion: 75 Resp: 142336

Ion Ratio Lower Upper

75 100

77 30.9 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 61.515 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

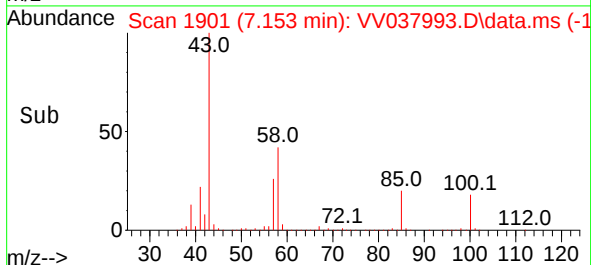
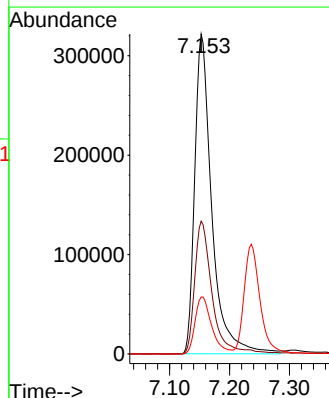
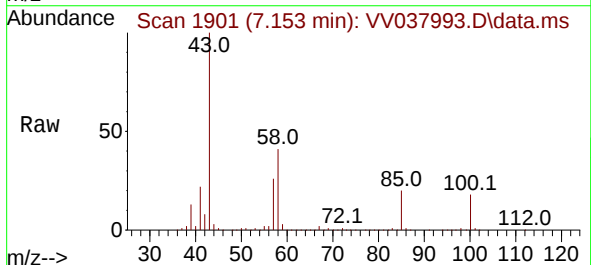
Tgt Ion: 43 Resp: 637711

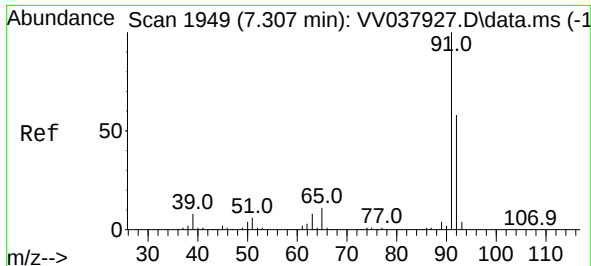
Ion Ratio Lower Upper

43 100

58 42.2 32.6 49.0

100 17.4 13.8 20.8





#42

Toluene

Concen: 5.580 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Instrument :

MSVOA_V

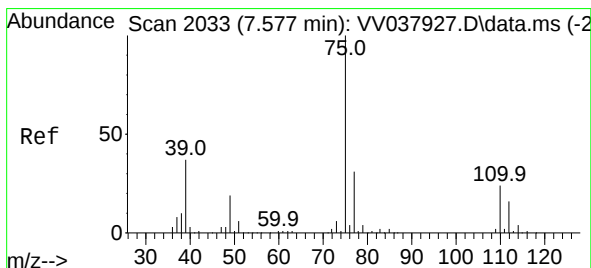
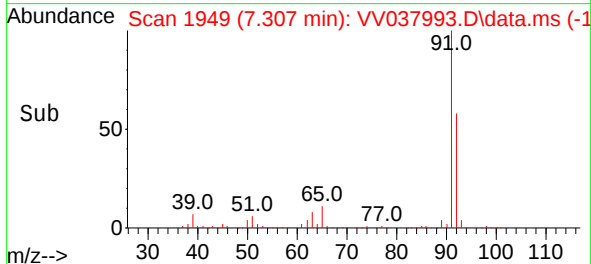
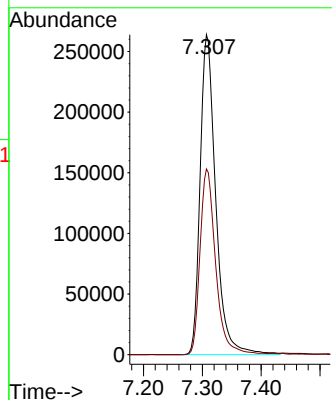
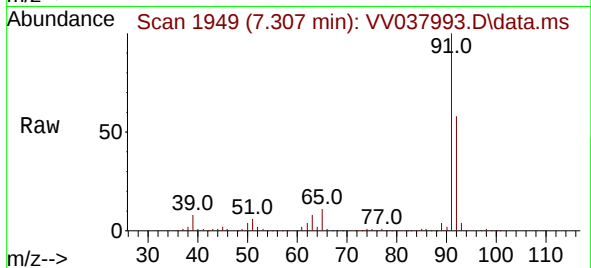
ClientSampleId :

Tgt Ion: 91 Resp: 486684

Ion Ratio Lower Upper

91 100

92 58.1 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 4.979 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV037993.D

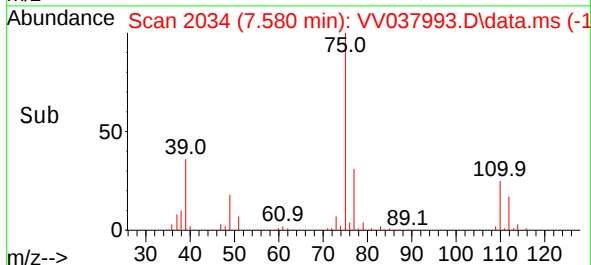
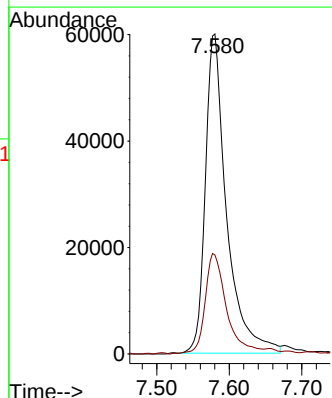
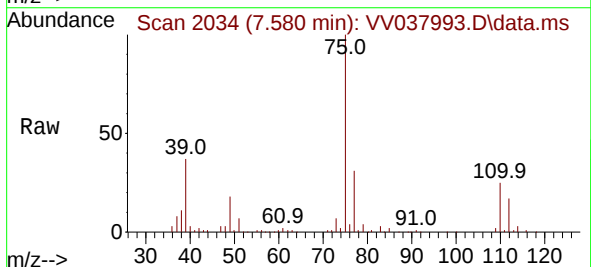
Acq: 11 Nov 2024 11:09

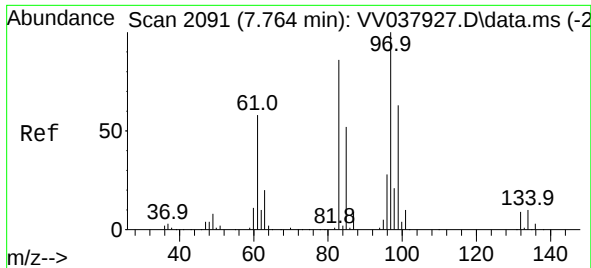
Tgt Ion: 75 Resp: 122198

Ion Ratio Lower Upper

75 100

77 30.9 21.8 40.6

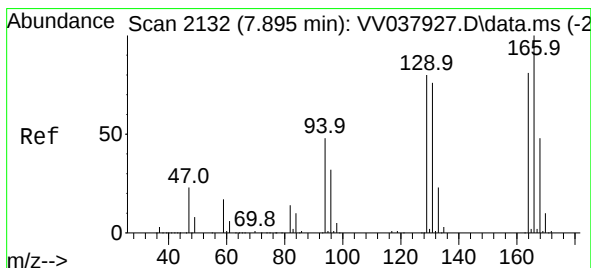
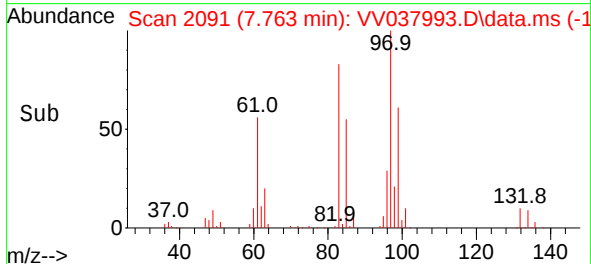
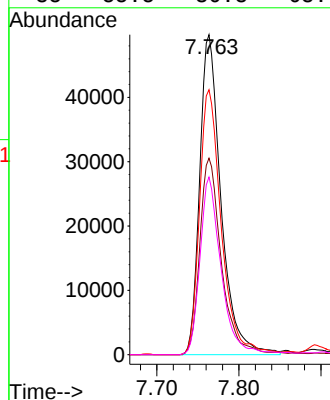
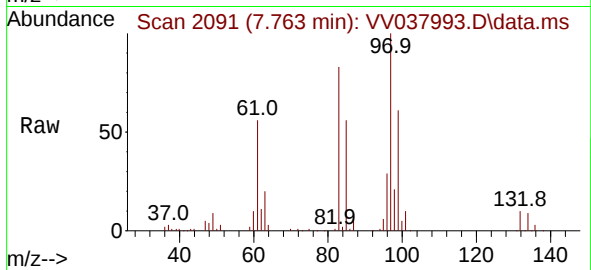




#45
1,1,2-Trichloroethane
Concen: 5.770 ug/L
RT: 7.763 min Scan# 2091
Delta R.T. -0.000 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

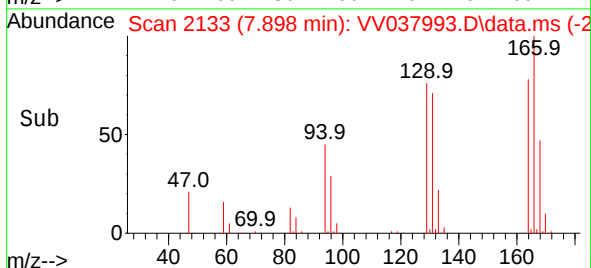
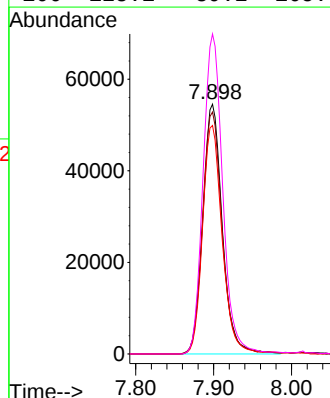
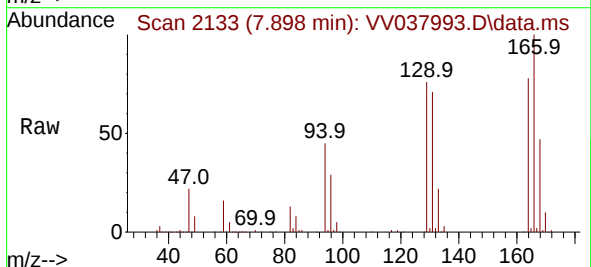
Instrument :
MSVOA_V
ClientSampleId :

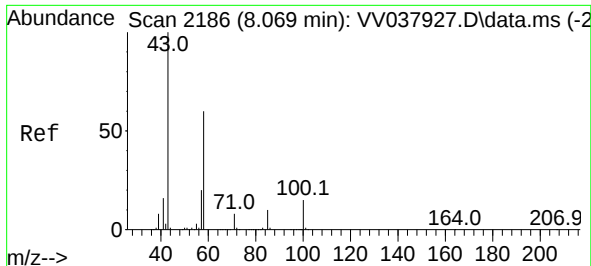
Tgt Ion:	97	Resp:	89970
Ion	Ratio	Lower	Upper
97	100		
99	61.4	42.4	78.8
83	82.8	59.3	110.1
85	55.5	36.8	68.4



#47
Tetrachloroethene
Concen: 5.349 ug/L
RT: 7.898 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

Tgt Ion:	164	Resp:	94900
Ion	Ratio	Lower	Upper
164	100		
129	96.9	66.8	124.2
131	91.4	65.2	121.2
166	128.1	89.2	165.8

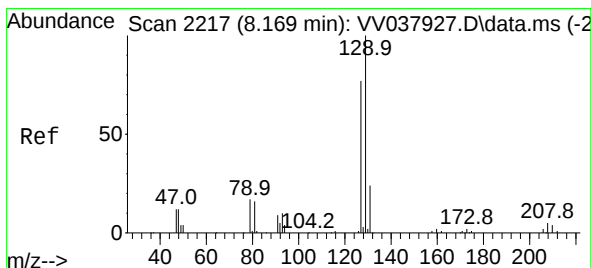
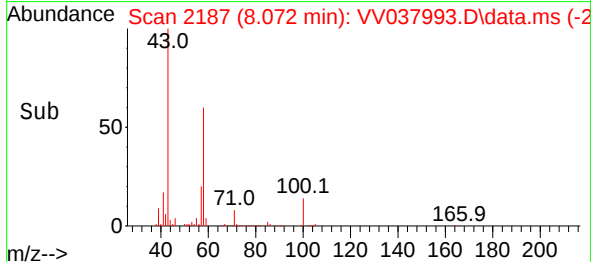
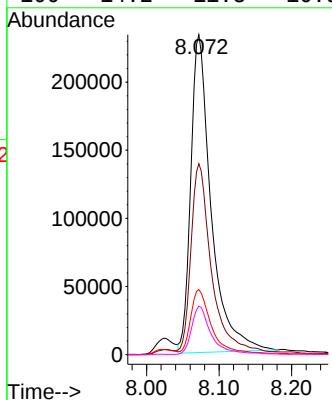
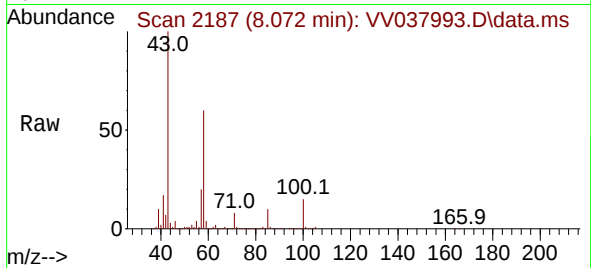




#48
2-Hexanone
Concen: 62.081 ug/L
RT: 8.072 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

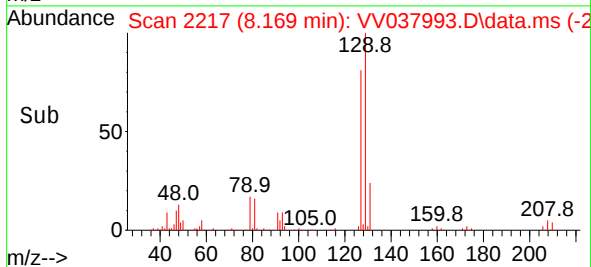
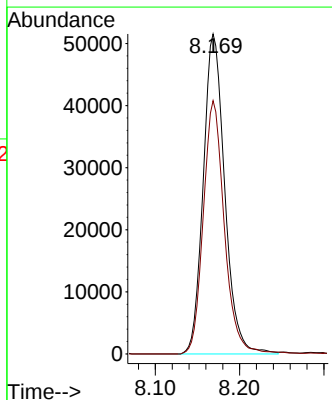
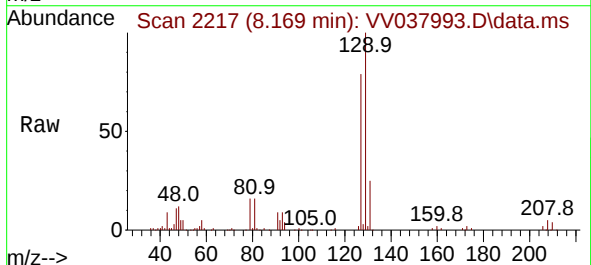
Instrument :
MSVOA_V
ClientSampleId :

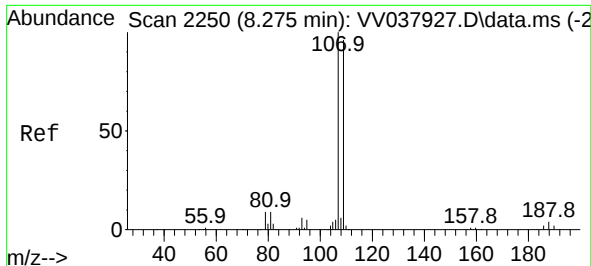
Tgt Ion: 43 Resp: 455242
Ion Ratio Lower Upper
43 100
58 59.9 48.5 72.7
57 20.4 16.3 24.5
100 14.2 11.3 16.9



#49
Dibromochloromethane
Concen: 5.127 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. -0.000 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

Tgt Ion: 129 Resp: 91386
Ion Ratio Lower Upper
129 100
127 79.2 52.2 97.0





#50

1,2-Dibromoethane

Concen: 5.878 ug/L

RT: 8.278 min Scan# 21

Delta R.T. -0.000 min MSVOA_V

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Instrument :

MSVOA_V

ClientSampleId :

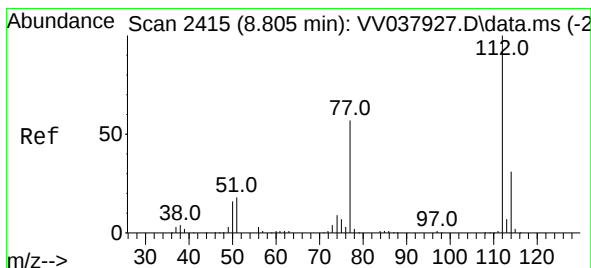
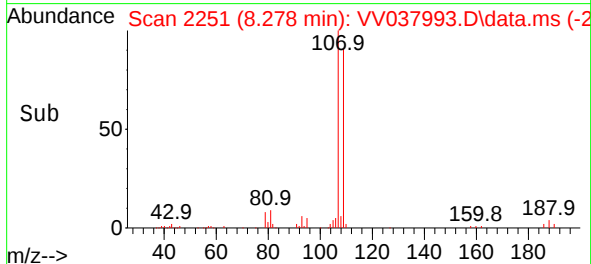
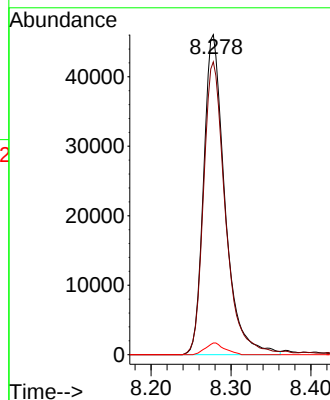
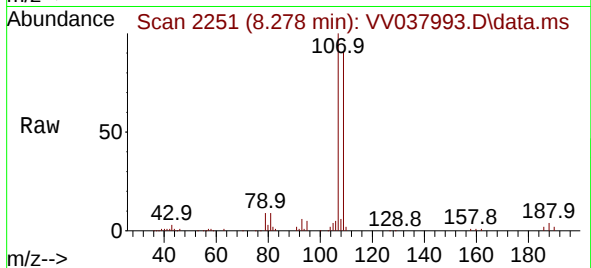
Tgt Ion:107 Resp: 85533

Ion Ratio Lower Upper

107 100

109 91.5 65.8 122.2

188 3.6 3.0 4.6



#51

Chlorobenzene

Concen: 5.313 ug/L

RT: 8.808 min Scan# 2416

Delta R.T. 0.003 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

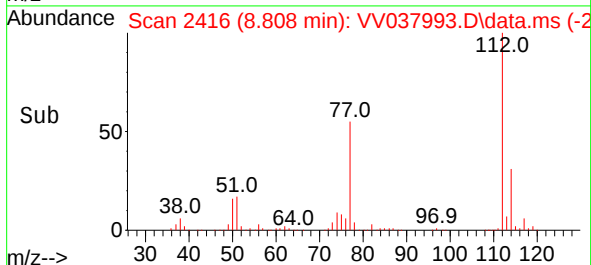
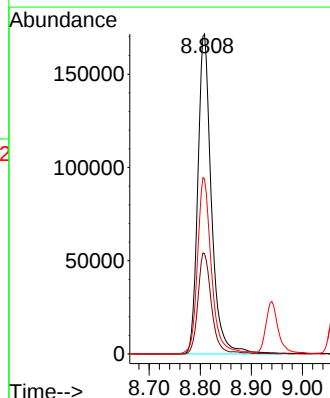
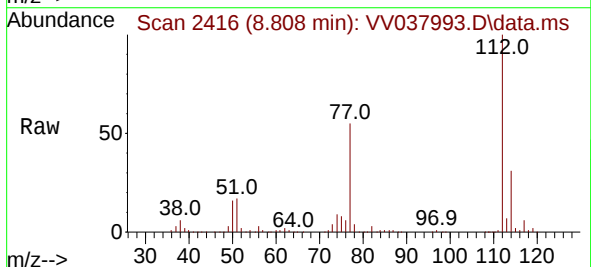
Tgt Ion:112 Resp: 316918

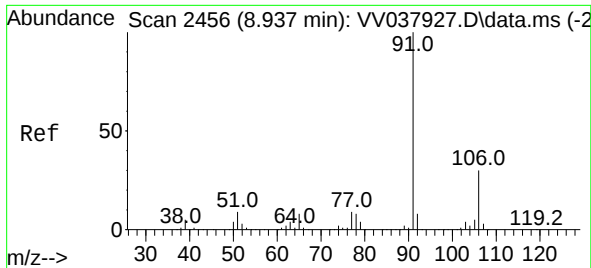
Ion Ratio Lower Upper

112 100

114 31.4 23.0 42.6

77 54.7 45.9 68.9

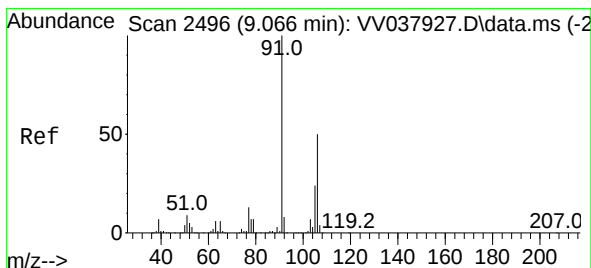
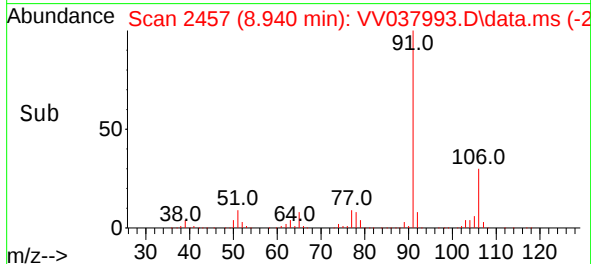
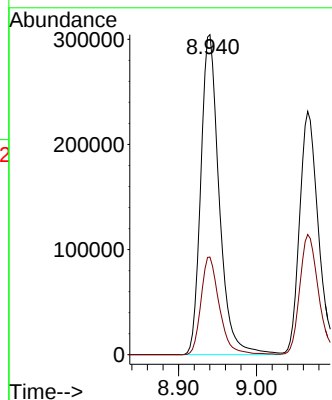
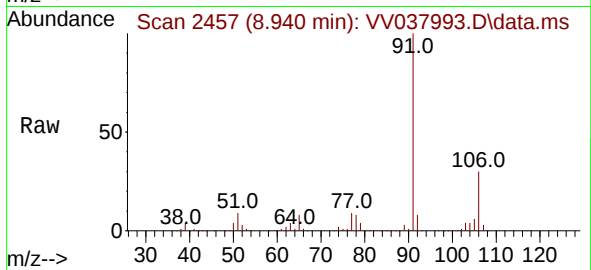




#52
Ethylbenzene
Concen: 5.318 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

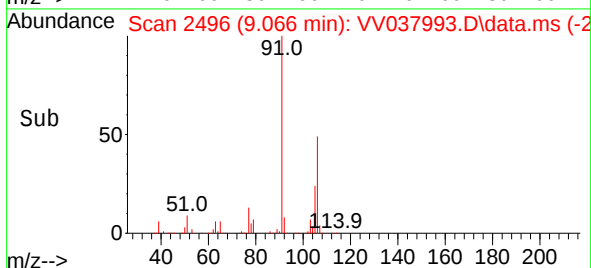
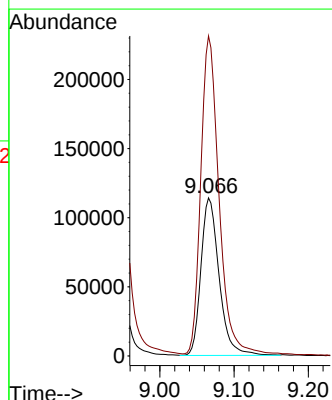
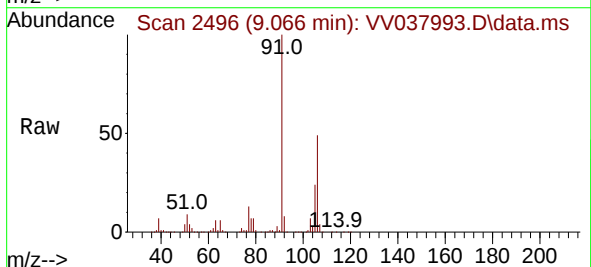
Instrument :
MSVOA_V
ClientSampleId :

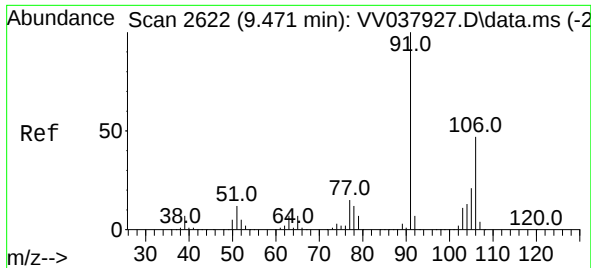
Tgt Ion: 91 Resp: 499567
Ion Ratio Lower Upper
91 100
106 30.5 21.8 40.4



#53
m,p-Xylene
Concen: 5.405 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

Tgt Ion:106 Resp: 193699
Ion Ratio Lower Upper
106 100
91 202.5 139.0 258.2

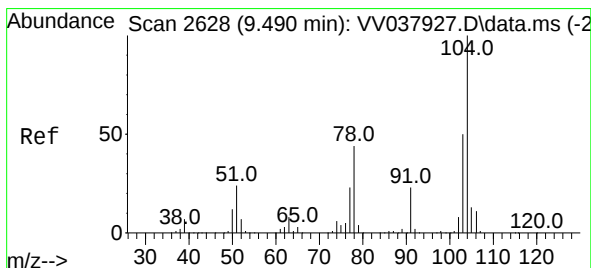
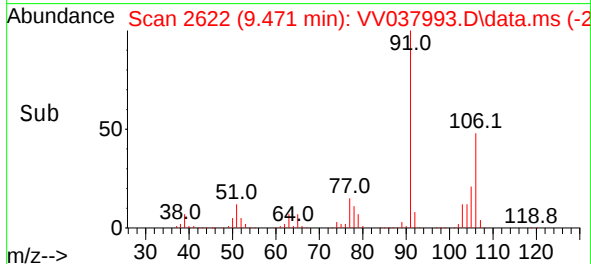
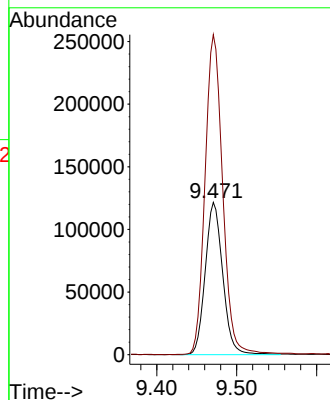
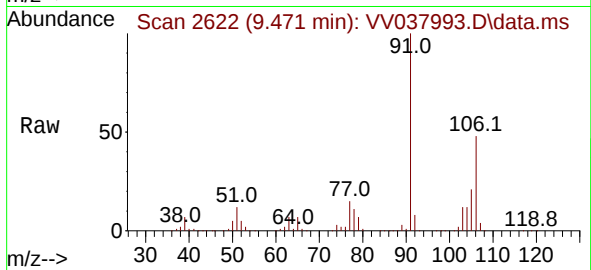




#54
o-Xylene
Concen: 5.445 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

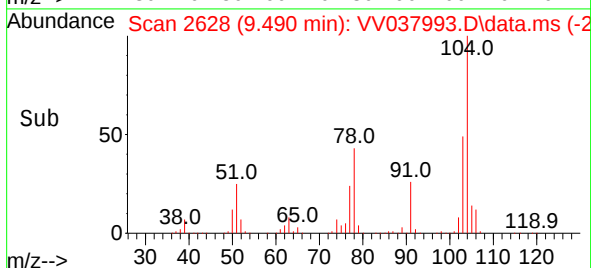
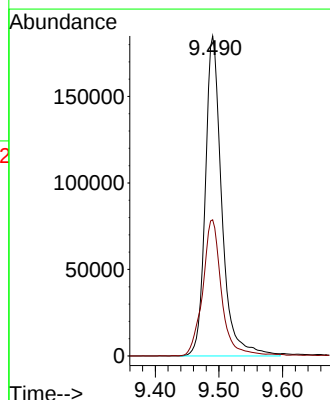
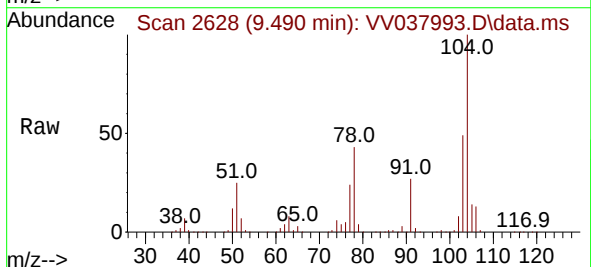
Instrument :
MSVOA_V
ClientSampleId :

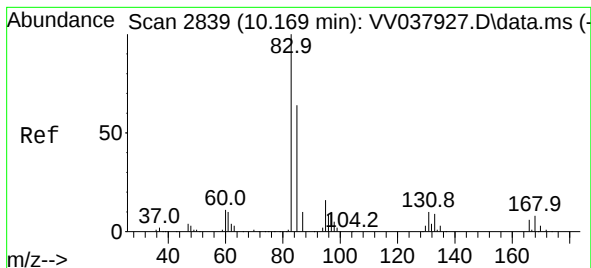
Tgt Ion:106 Resp: 185687
Ion Ratio Lower Upper
106 100
91 210.1 152.0 282.2



#55
Styrene
Concen: 5.683 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

Tgt Ion:104 Resp: 333812
Ion Ratio Lower Upper
104 100
78 42.5 30.9 57.3

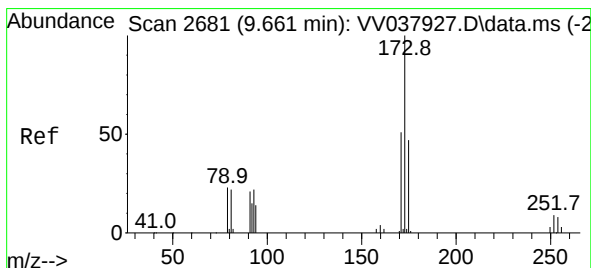
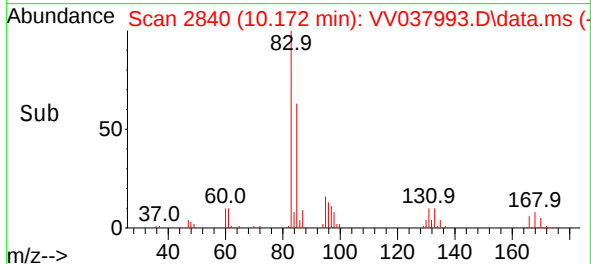
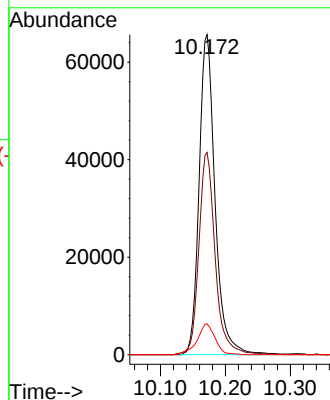
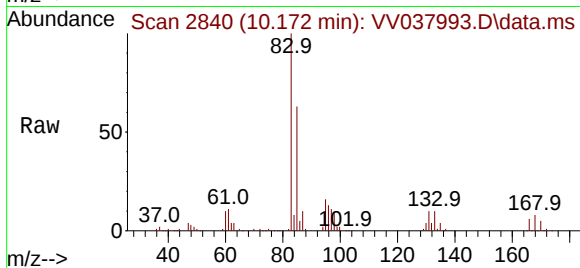




#57
1,1,2,2-Tetrachloroethane
Concen: 6.214 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

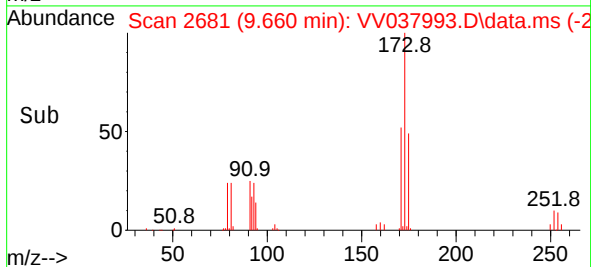
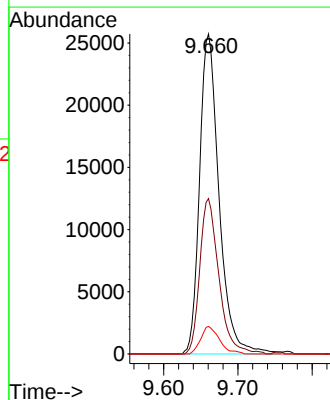
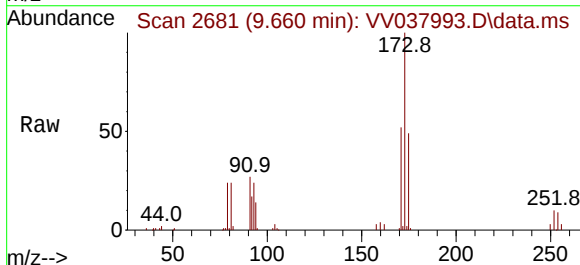
Instrument :
MSVOA_V
ClientSampleId :

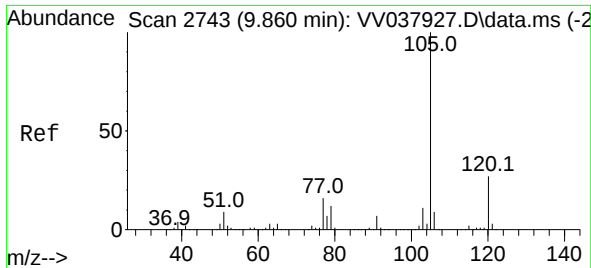
Tgt Ion: 83 Resp: 112485
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.2
131 9.6 7.9 11.9



#59
Bromoform
Concen: 4.878 ug/L
RT: 9.660 min Scan# 2681
Delta R.T. -0.000 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

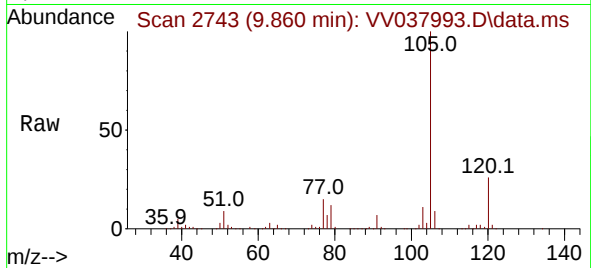
Tgt Ion: 173 Resp: 46923
Ion Ratio Lower Upper
173 100
175 47.6 38.0 57.0
254 8.3 6.9 10.3



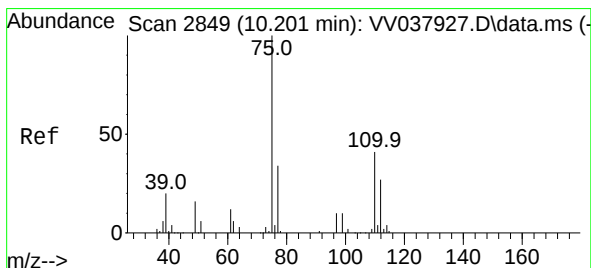
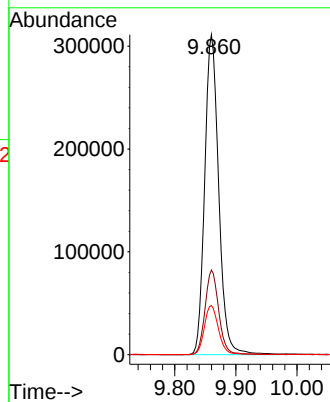
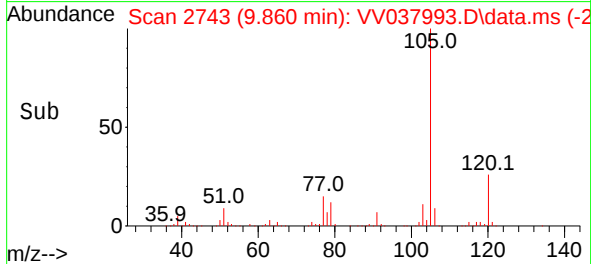


#60
Isopropylbenzene
Concen: 5.155 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09

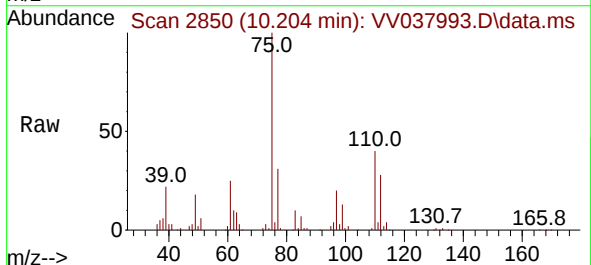
Instrument :
MSVOA_V
ClientSampleId :



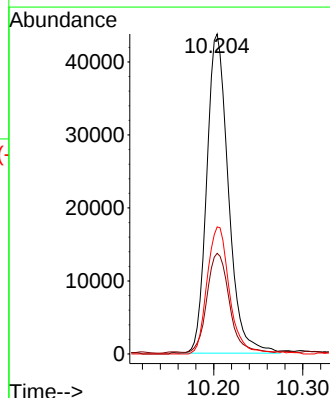
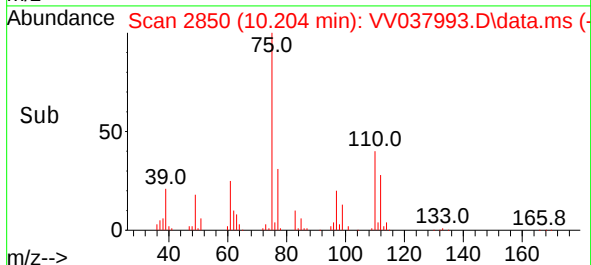
Tgt Ion:105 Resp: 495965
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.4
77 15.6 12.2 18.2

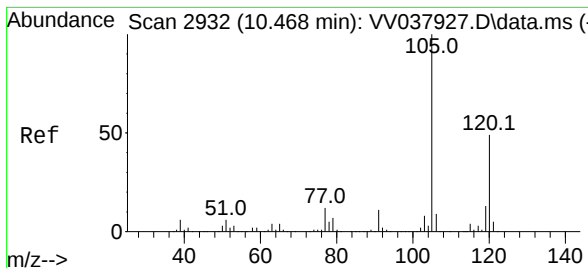


#61
1,2,3-Trichloropropane
Concen: 5.710 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV037993.D
Acq: 11 Nov 2024 11:09



Tgt Ion: 75 Resp: 73715
Ion Ratio Lower Upper
75 100
77 31.9 24.9 37.3
110 41.4 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 5.010 ug/L

RT: 10.467 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Instrument :

MSVOA_V

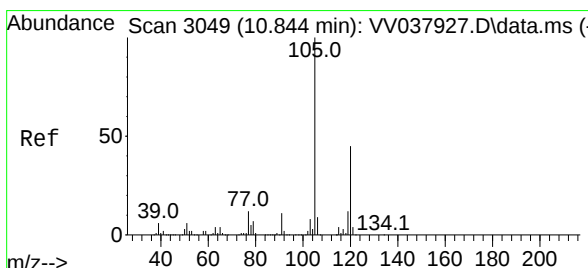
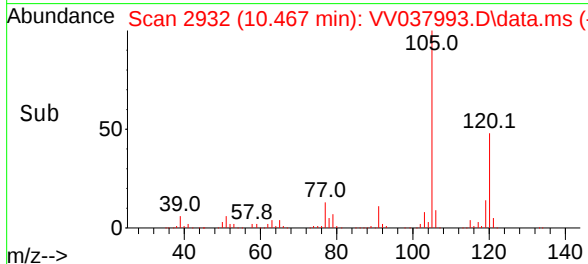
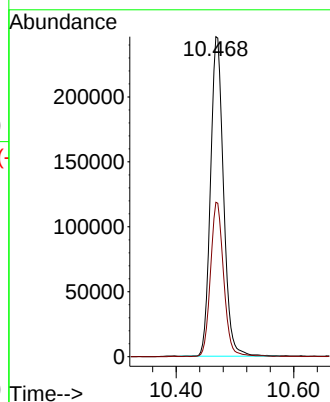
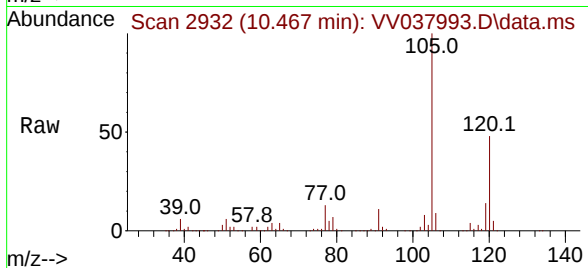
ClientSampleId :

Tgt Ion:105 Resp: 378952

Ion Ratio Lower Upper

105 100

120 48.7 39.0 58.6



#63

1,2,4-Trimethylbenzene

Concen: 5.065 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037993.D

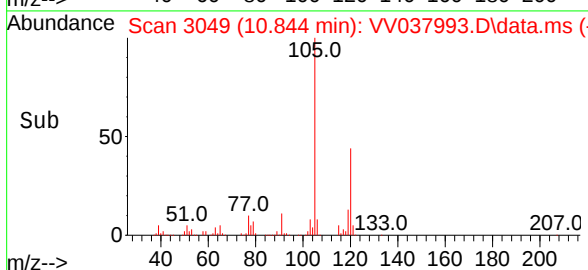
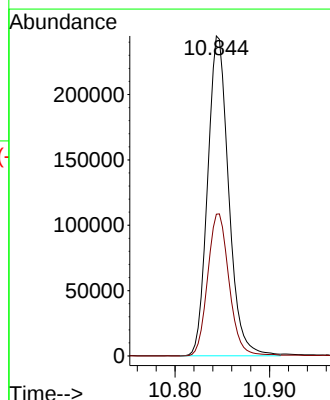
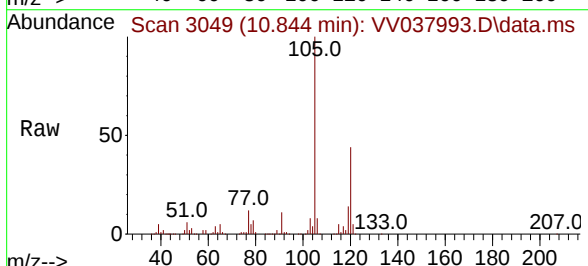
Acq: 11 Nov 2024 11:09

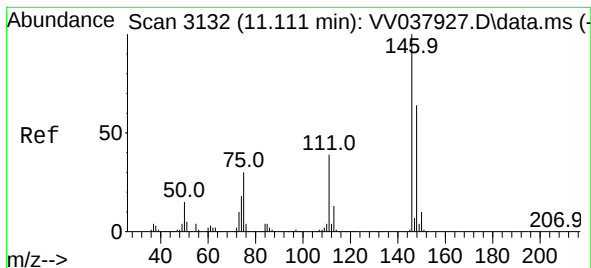
Tgt Ion:105 Resp: 377937

Ion Ratio Lower Upper

105 100

120 45.4 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 5.274 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Instrument :

MSVOA_V

ClientSampleId :

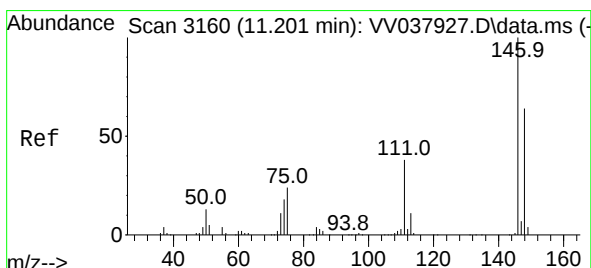
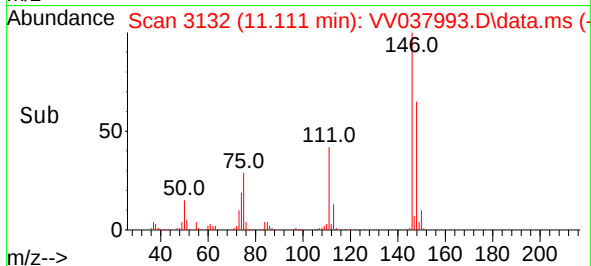
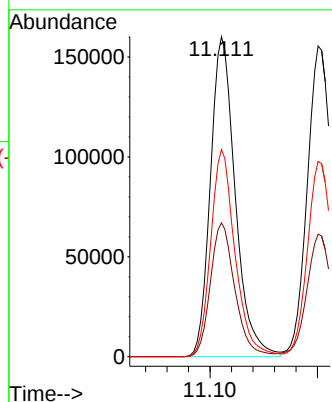
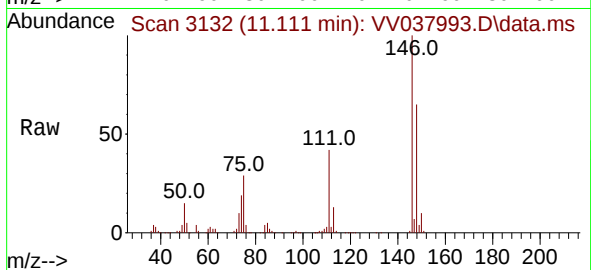
Tgt Ion:146 Resp: 256880

Ion Ratio Lower Upper

146 100

111 41.8 28.7 53.3

148 64.8 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 5.326 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

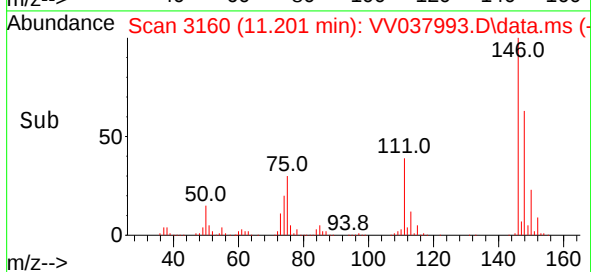
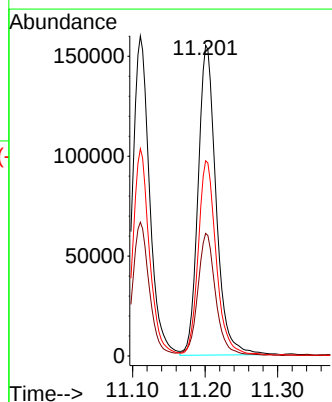
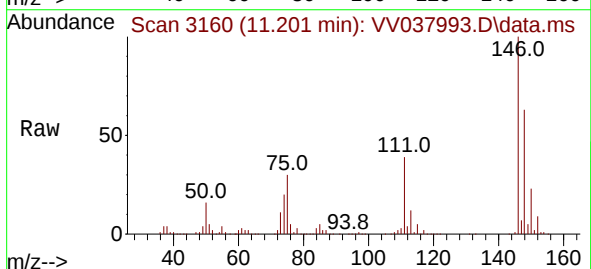
Tgt Ion:146 Resp: 267914

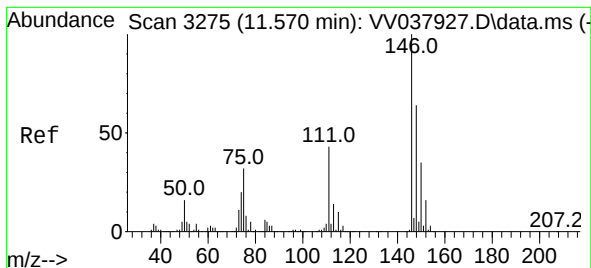
Ion Ratio Lower Upper

146 100

111 39.4 27.6 51.2

148 62.8 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.334 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Instrument :

MSVOA_V

ClientSampleId :

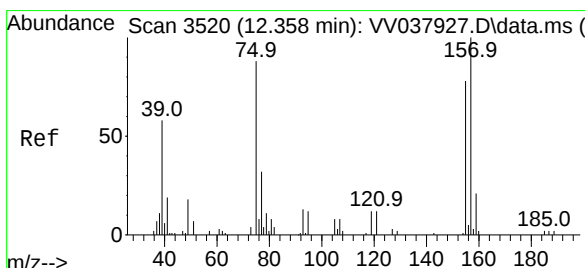
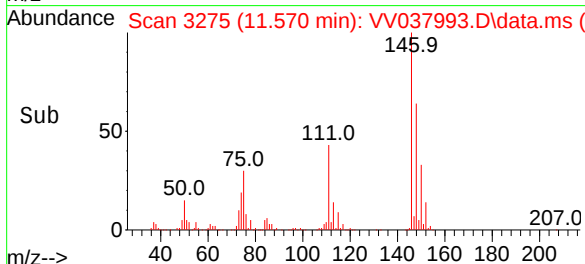
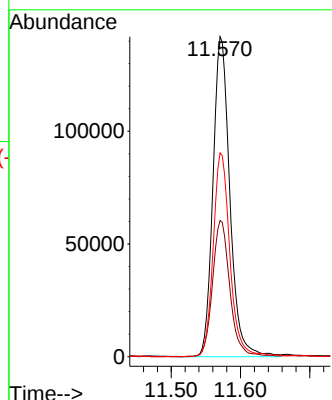
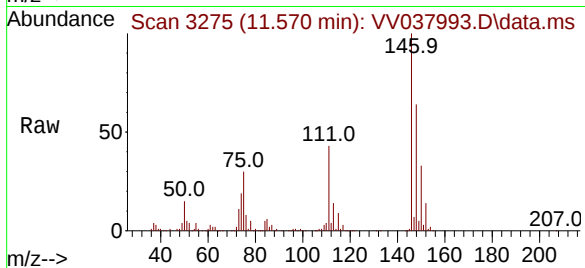
Tgt Ion:146 Resp: 240250

Ion Ratio Lower Upper

146 100

111 42.5 33.9 50.9

148 63.7 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.434 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

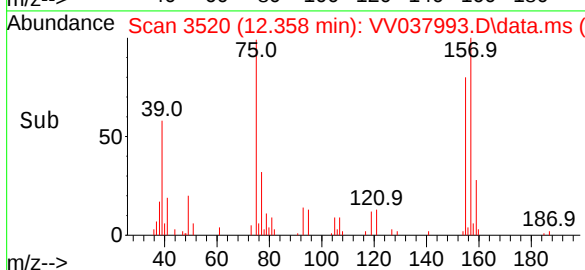
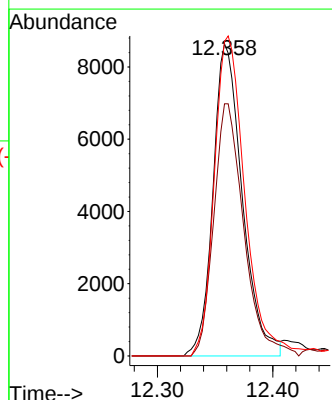
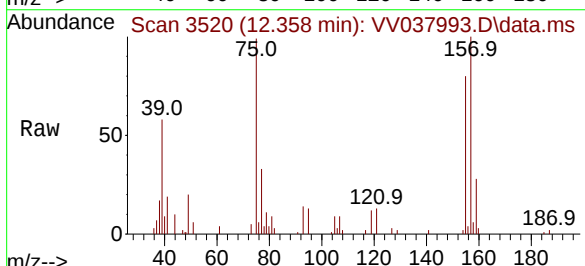
Tgt Ion: 75 Resp: 15230

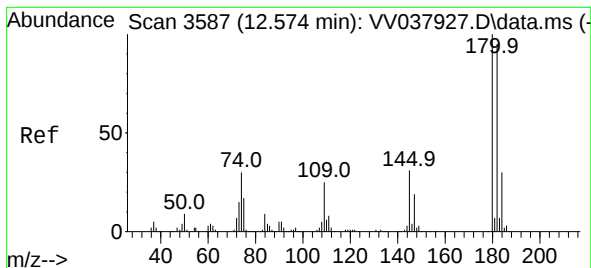
Ion Ratio Lower Upper

75 100

155 80.7 70.2 105.2

157 100.7 80.2 120.4





#69

1,3,5-Trichlorobenzene

Concen: 4.931 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

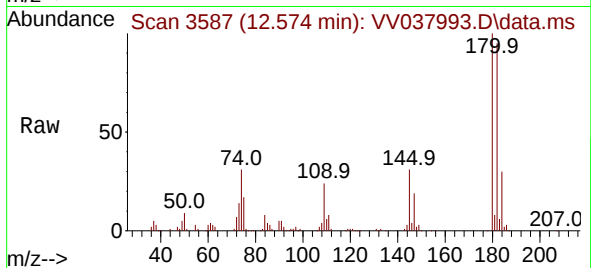
Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 169522

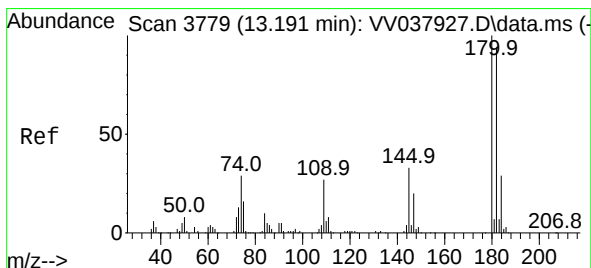
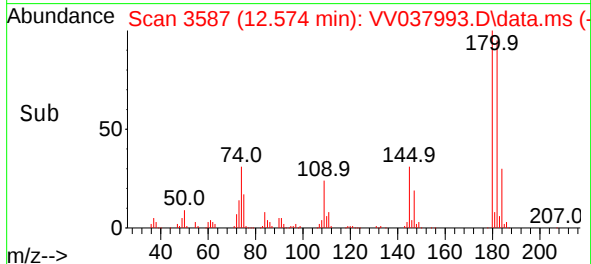
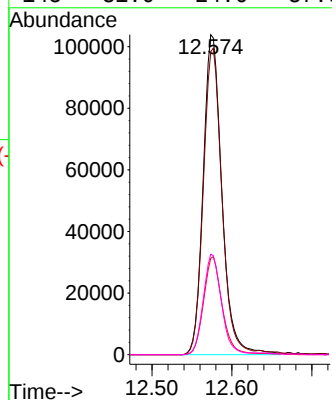
Ion Ratio Lower Upper

180 100

182 94.7 76.2 114.4

184 30.3 24.1 36.1

145 31.0 24.6 37.0



#70

1,2,4-trichlorobenzene

Concen: 5.129 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

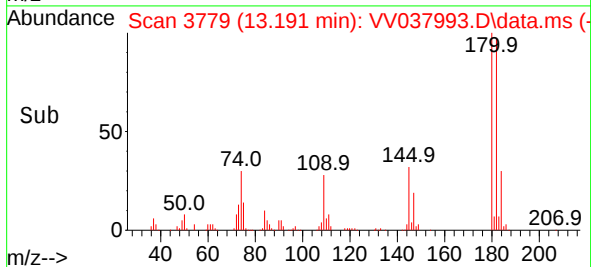
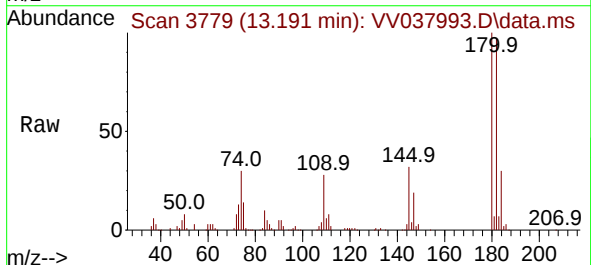
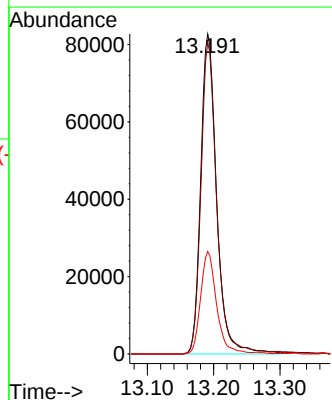
Tgt Ion:180 Resp: 138442

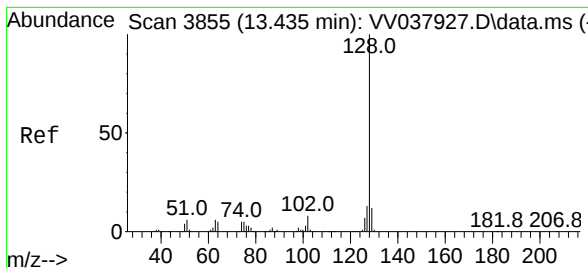
Ion Ratio Lower Upper

180 100

182 95.9 74.8 112.2

145 31.9 25.4 38.0





#71

Naphthalene

Concen: 4.862 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Instrument :

MSVOA_V

ClientSampleId :

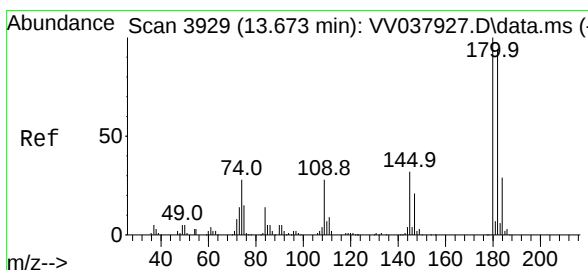
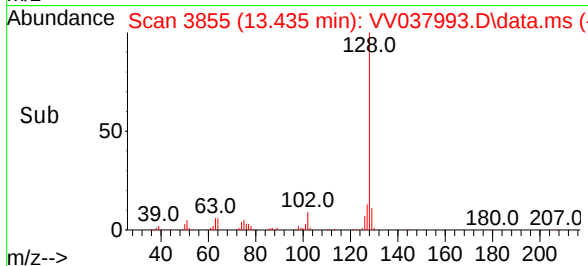
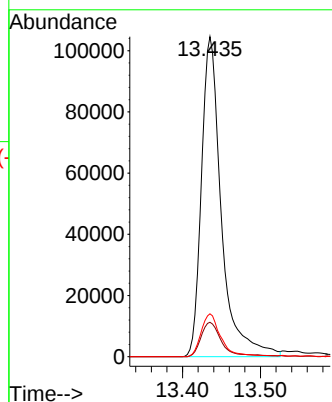
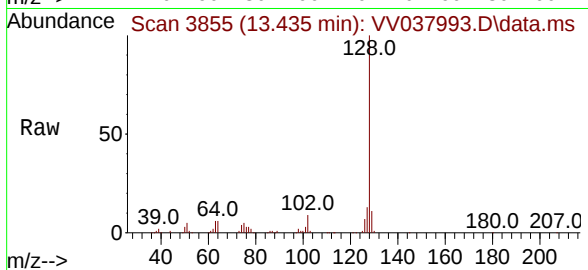
Tgt Ion:128 Resp: 186246

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

127 13.4 9.9 14.9



#72

1,2,3-Trichlorobenzene

Concen: 5.560 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV037993.D

Acq: 11 Nov 2024 11:09

Tgt Ion:180 Resp: 129405

Ion Ratio Lower Upper

180 100

182 92.8 79.4 119.0

145 33.4 26.6 40.0

