

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037462.D
 Acq On : 21 Sep 2024 04:08
 Operator : SY/MD
 Sample : P4130-04MS
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 04:56:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	364906	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	372207	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	194685	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	83915	3.920	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.529	69	77626	3.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.600%
11) 1,1-Dichloroethene-d2	2.053	65	39356	3.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.796	46	263146	41.130	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.260%
24) Chloroform-d	4.243	84	201542	3.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
26) 1,2-Dichloroethane-d4	4.937	65	94088	3.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
32) Benzene-d6	4.954	84	381043	3.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	5.982	67	144435	4.654	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.236	98	355998	3.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.551	79	39943	3.913	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.021	63	240328	48.185	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.360%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	103142	4.078	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.555	152	138451	4.000	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	141430	4.172	ug/L	100
3) Chloromethane	1.214	50	139193	3.849	ug/L	99
5) Vinyl chloride	1.282	62	148565	4.179	ug/L	98
6) Bromomethane	1.484	94	68249	3.200	ug/L	96
8) Chloroethane	1.545	64	96287	4.505	ug/L	97
9) Trichlorofluoromethane	1.709	101	200961	4.545	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	118826	4.437	ug/L	100
12) 1,1-Dichloroethene	2.066	96	113006	4.419	ug/L	91
13) Acetone	2.127	43	231219	51.904	ug/L	96
14) Carbon disulfide	2.237	76	338254	4.195	ug/L	100
15) Methyl Acetate	2.433	43	3676538	360.334	ug/L #	49
16) Methylene chloride	2.442	84	143582	4.884	ug/L #	53
17) Methyl tert-butyl Ether	2.700	73	382645	6.295	ug/L #	81
18) trans-1,2-Dichloroethene	2.690	96	123213	4.579	ug/L	98
19) 1,1-Dichloroethane	3.105	63	232078	4.517	ug/L	98
21) 2-Butanone	3.876	43	277979	41.057	ug/L	90
22) cis-1,2-Dichloroethene	3.806	96	138567	4.764	ug/L	98
23) Bromochloromethane	4.146	128	59124	4.694	ug/L	93
25) Chloroform	4.269	83	248850	4.808	ug/L	90

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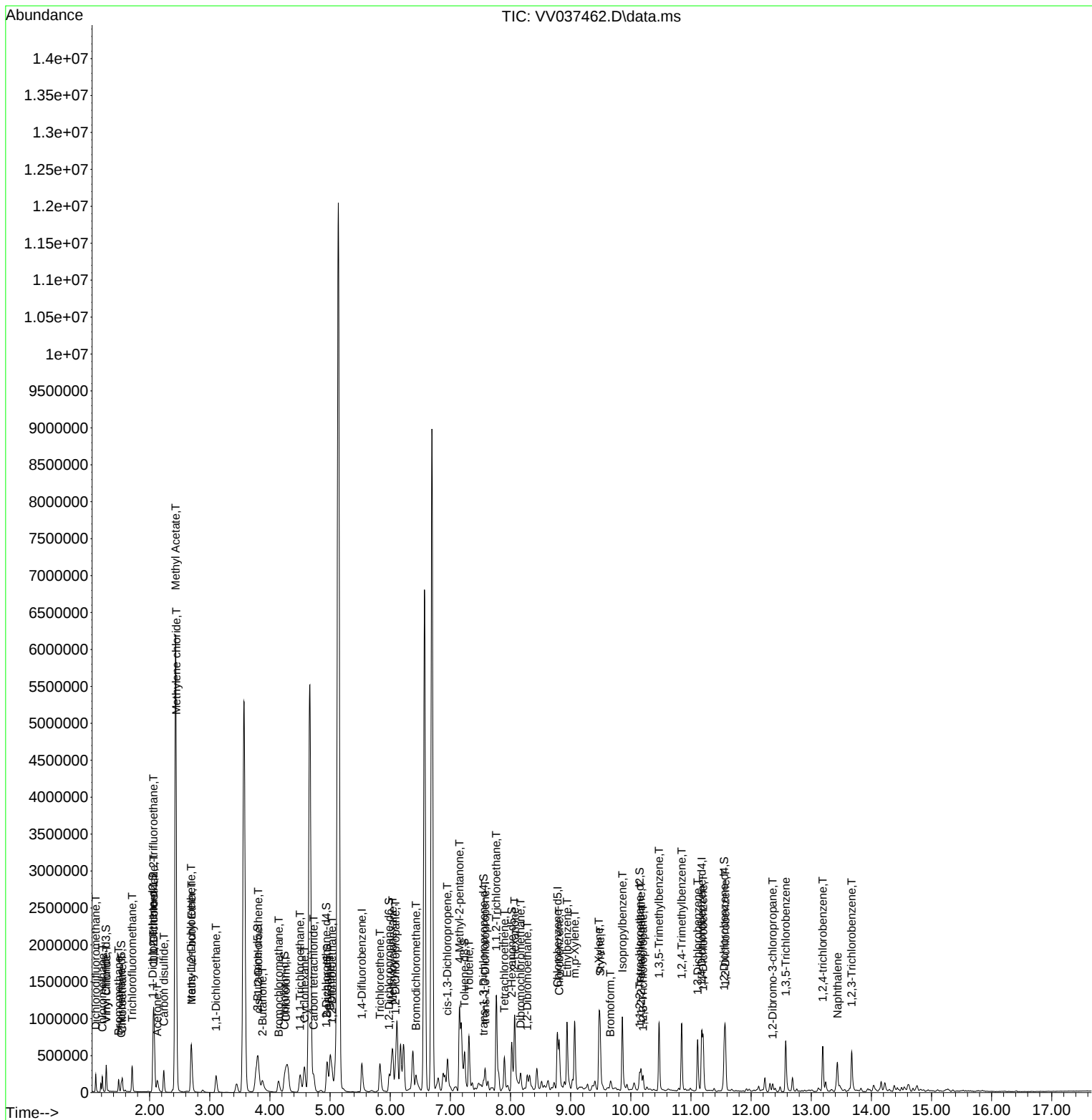
Instrument :
 MSVOA_V
 ClientSampleId :

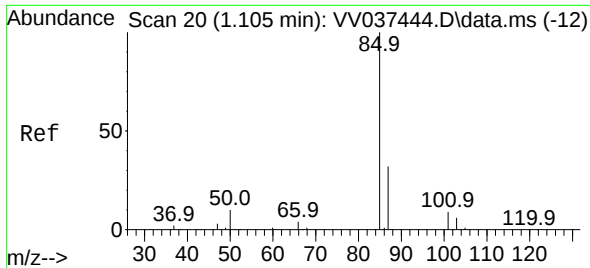
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	214054	7.309	ug/L	95
29) 1,1,1-Trichloroethane	4.503	97	199122	4.512	ug/L	98
30) Cyclohexane	4.574	56	189424	4.424	ug/L	99
31) Carbon tetrachloride	4.725	117	170549	4.540	ug/L	100
33) Benzene	5.005	78	508952	4.538	ug/L	100
34) Trichloroethene	5.828	95	134940	4.465	ug/L	97
35) Methylcyclohexane	6.040	83	298916	6.506	ug/L #	91
37) 1,2-Dichloropropane	6.089	63	126177	4.422	ug/L #	26
38) Bromodichloromethane	6.429	83	212875	5.959	ug/L	97
39) cis-1,3-Dichloropropene	6.950	75	170820	4.133	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	867764	53.122	ug/L	97
42) Toluene	7.310	91	547748	4.695	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	131141	3.932	ug/L	92
45) 1,1,2-Trichloroethane	7.764	97	96653	4.733	ug/L	97
47) Tetrachloroethene	7.899	164	100784	4.660	ug/L	98
48) 2-Hexanone	8.069	43	561403	47.021	ug/L	99
49) Dibromochloromethane	8.169	129	95249	4.452	ug/L	99
50) 1,2-Dibromoethane	8.278	107	95343	4.941	ug/L	95
51) Chlorobenzene	8.809	112	361597	4.655	ug/L	99
52) Ethylbenzene	8.941	91	614572	4.720	ug/L	100
53) m,p-Xylene	9.069	106	235662	4.920	ug/L	100
54) o-Xylene	9.471	106	229753	4.844	ug/L	98
55) Styrene	9.490	104	394170	4.902	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	120530	4.886	ug/L	99
59) Bromoform	9.661	173	42589	3.739	ug/L	99
60) Isopropylbenzene	9.860	105	621758	4.771	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	82323	4.647	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	499154	4.831	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	500767	4.824	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	281885	4.576	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	286635	4.537	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	272609	4.773	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.358	75	17217	4.686	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	206741	4.706	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	179664	4.968	ug/L	98
71) Naphthalene	13.435	128	301896	5.463	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.673	180	155687	5.203	ug/L #	92

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

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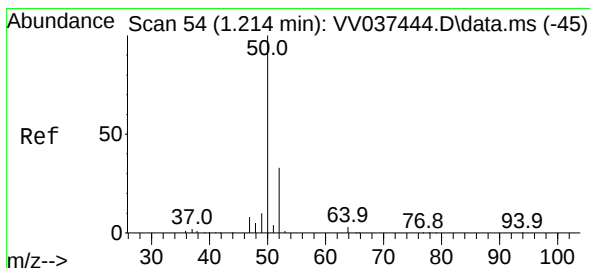
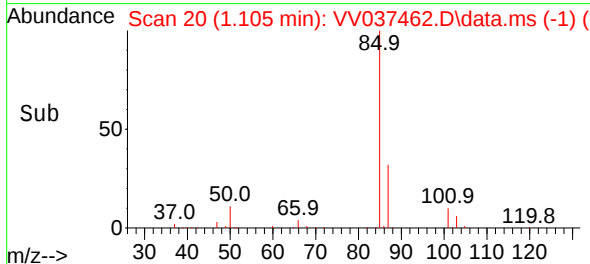
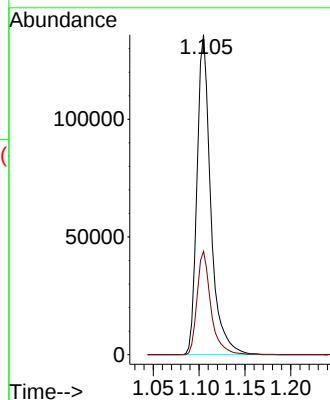
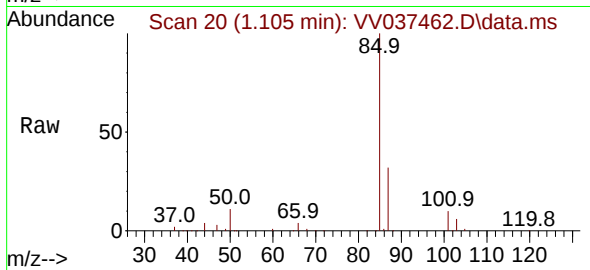




#2
 Dichlorodifluoromethane
 Concen: 4.172 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV037462.D
 Acq: 21 Sep 2024 04:08

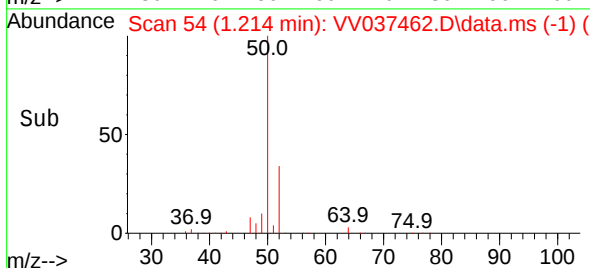
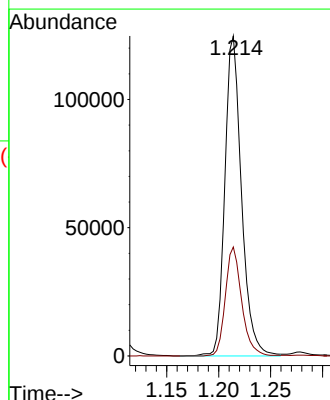
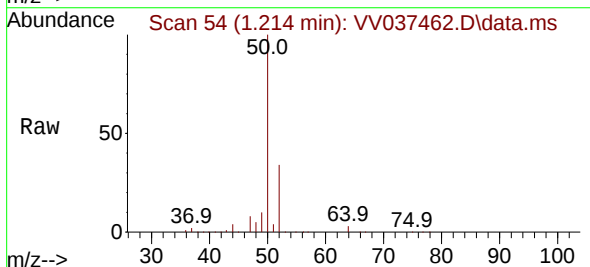
Instrument :
 MSVOA_V
 ClientSampleId :

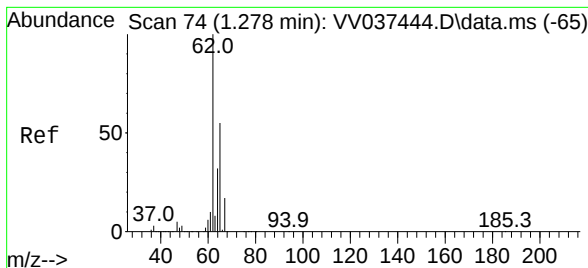
Tgt Ion: 85 Resp: 141430
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.8



#3
 Chloromethane
 Concen: 3.849 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV037462.D
 Acq: 21 Sep 2024 04:08

Tgt Ion: 50 Resp: 139193
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.3 43.3





#5

Vinyl chloride

Concen: 4.179 ug/L

RT: 1.282 min Scan# 74

Delta R.T. 0.003 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Instrument :

MSVOA_V

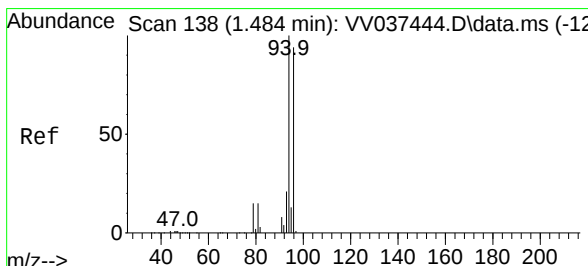
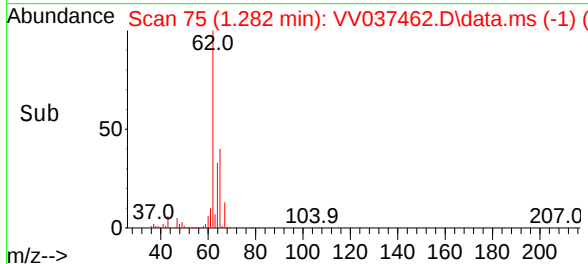
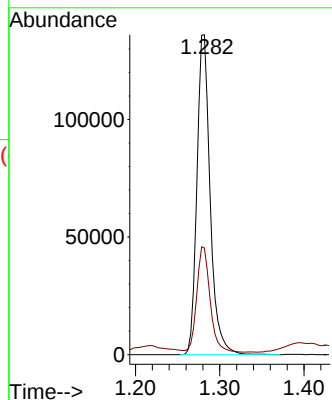
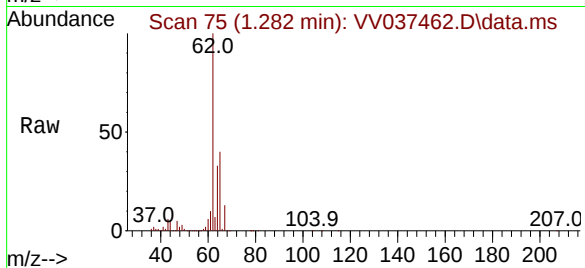
ClientSampleId :

Tgt Ion: 62 Resp: 148565

Ion Ratio Lower Upper

62 100

64 33.3 22.4 41.6



#6

Bromomethane

Concen: 3.200 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV037462.D

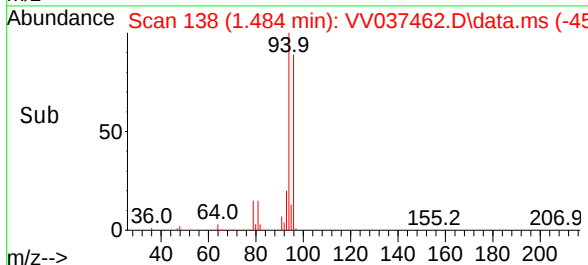
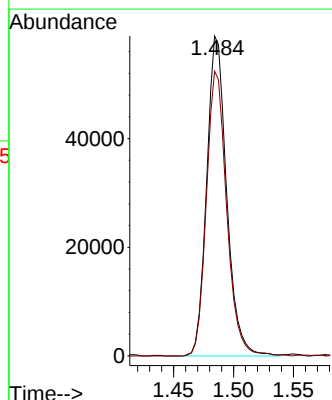
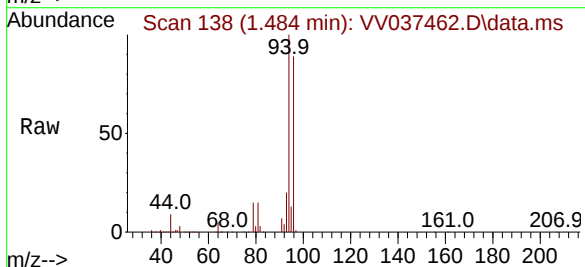
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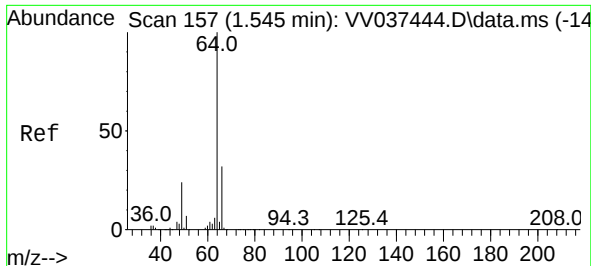
Tgt Ion: 94 Resp: 68249

Ion Ratio Lower Upper

94 100

96 89.0 65.3 121.3

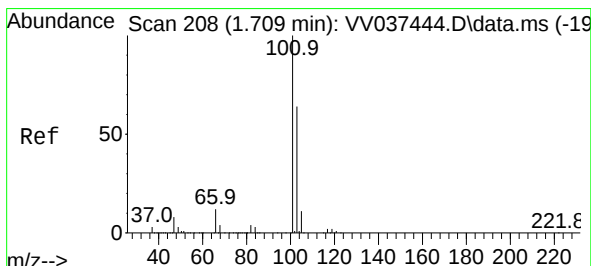
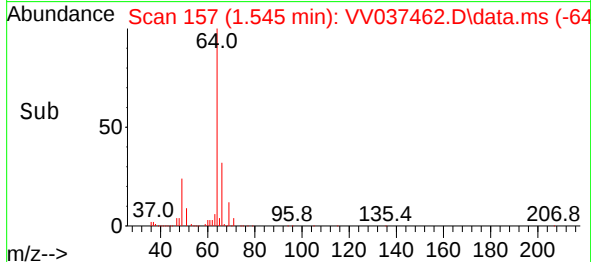
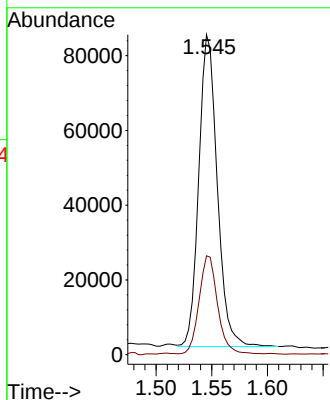
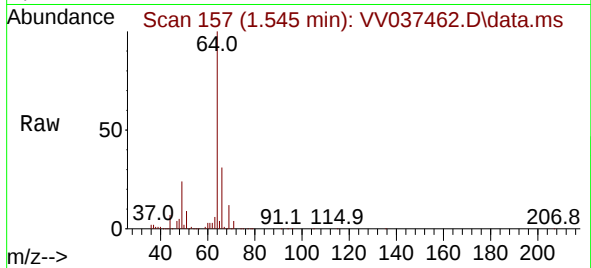




#8
Chloroethane
Concen: 4.505 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

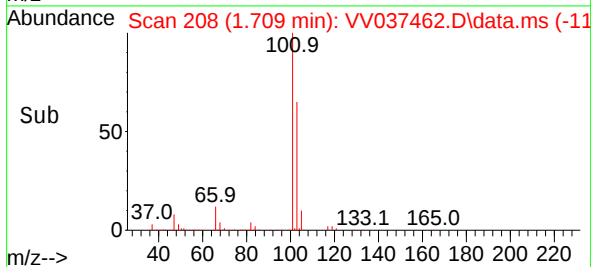
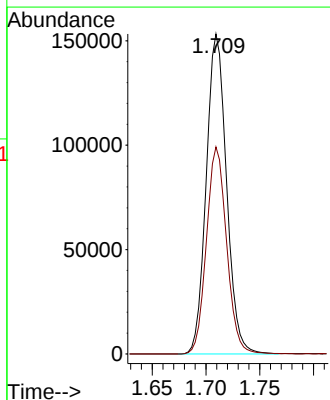
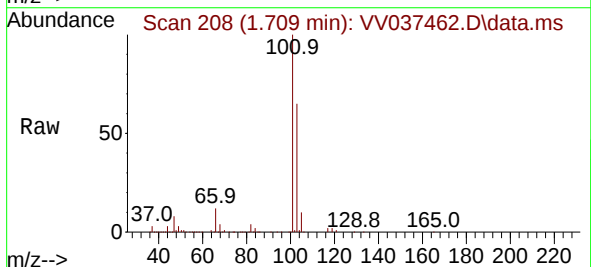
Instrument :
MSVOA_V
ClientSampleId :

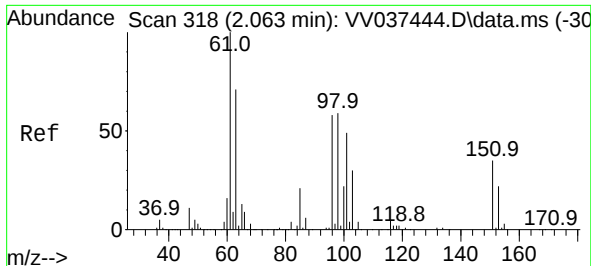
Tgt Ion: 64 Resp: 96287
Ion Ratio Lower Upper
64 100
66 30.9 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.545 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

Tgt Ion:101 Resp: 200961
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.437 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Instrument :

MSVOA_V

ClientSampleId :

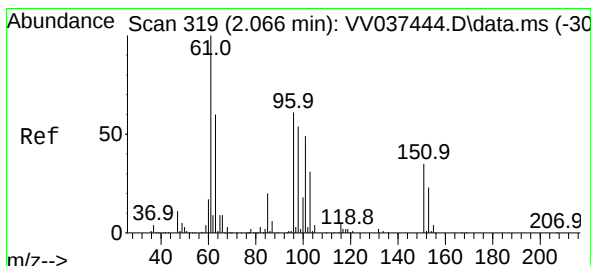
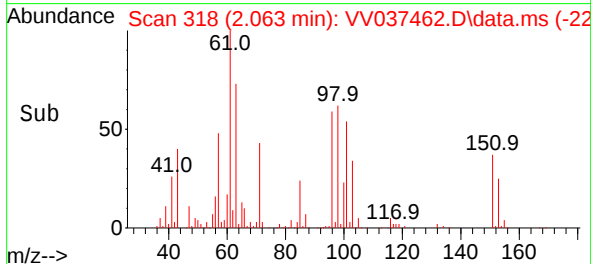
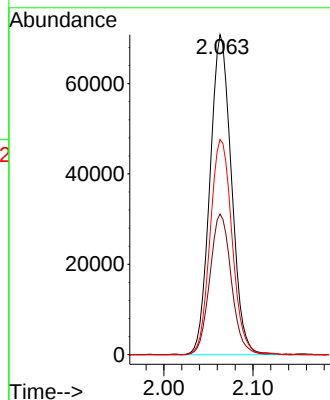
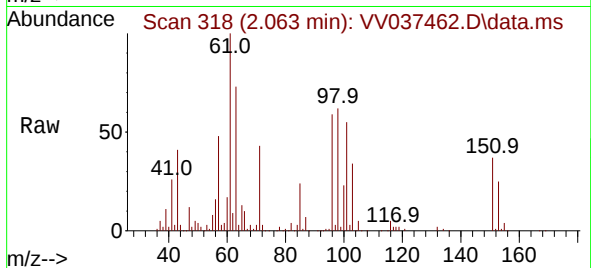
Tgt Ion:101 Resp: 118826

Ion Ratio Lower Upper

101 100

85 43.9 35.1 52.7

151 68.8 55.3 82.9



#12

1,1-Dichloroethene

Concen: 4.419 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

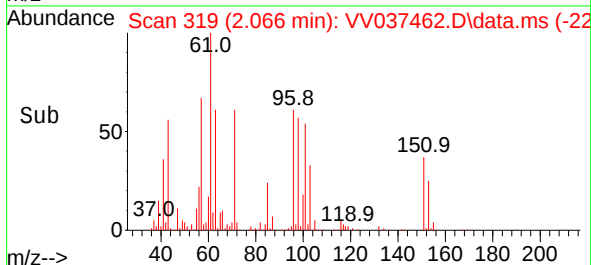
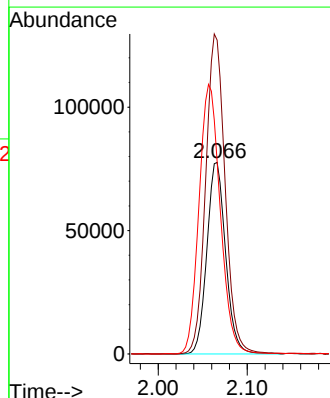
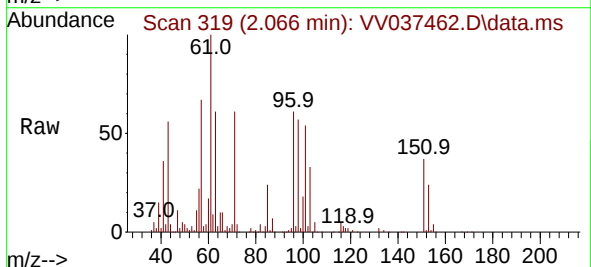
Tgt Ion: 96 Resp: 113006

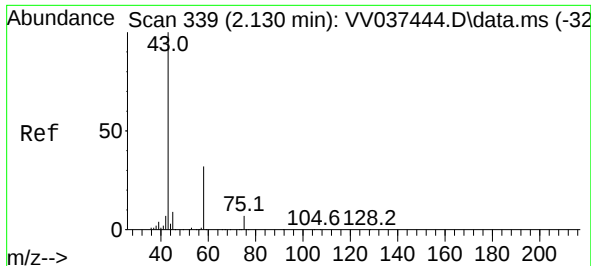
Ion Ratio Lower Upper

96 100

61 163.9 119.9 222.7

63 100.2 81.4 151.2





#13

Acetone

Concen: 51.904 ug/L

RT: 2.127 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Instrument :

MSVOA_V

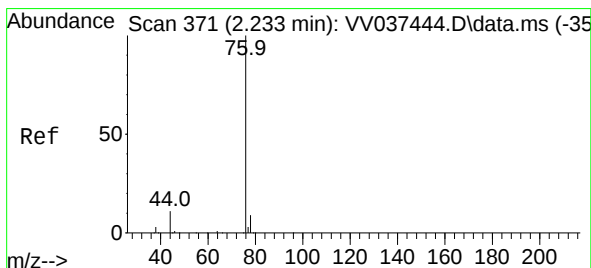
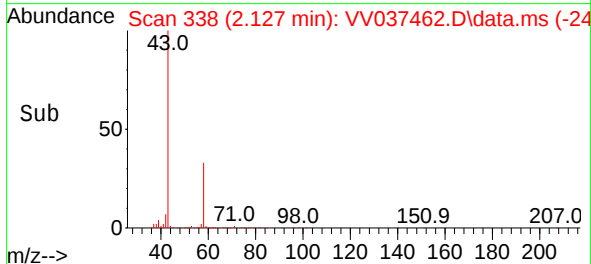
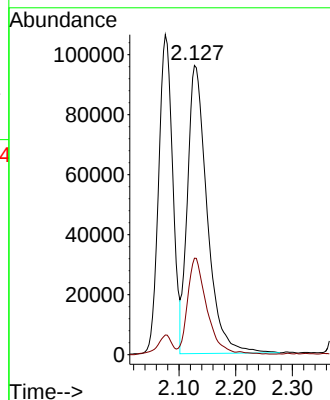
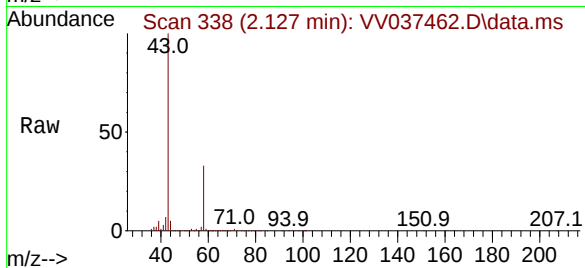
ClientSampleId :

Tgt Ion: 43 Resp: 231219

Ion Ratio Lower Upper

43 100

58 32.4 0.0 69.2



#14

Carbon disulfide

Concen: 4.195 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV037462.D

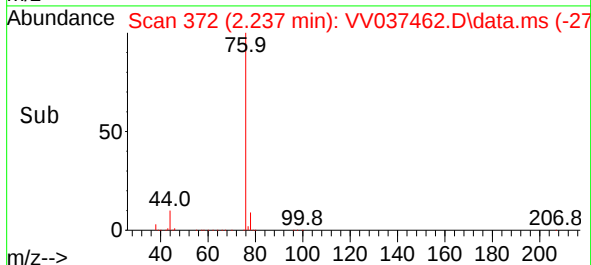
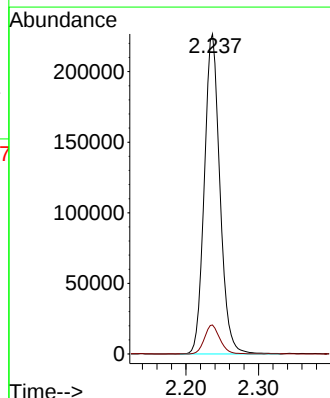
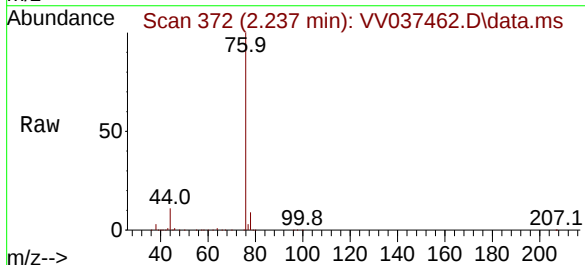
Acq: 21 Sep 2024 04:08

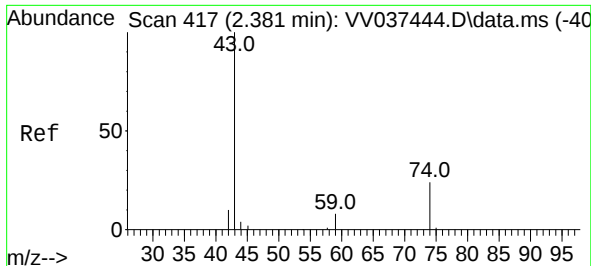
Tgt Ion: 76 Resp: 338254

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9





#15

Methyl Acetate

Concen: 360.334 ug/L

RT: 2.433 min Scan# 417

Delta R.T. 0.052 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Instrument :

MSVOA_V

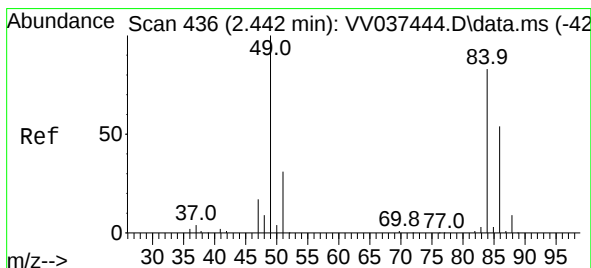
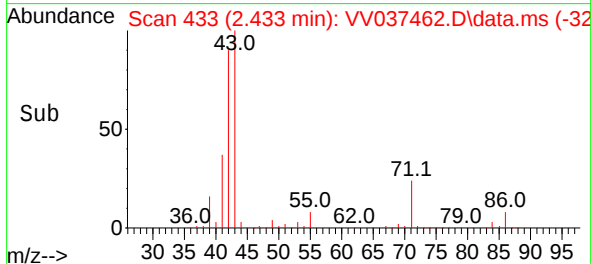
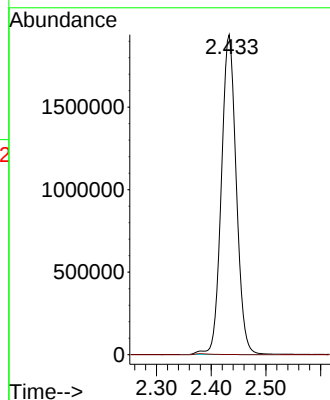
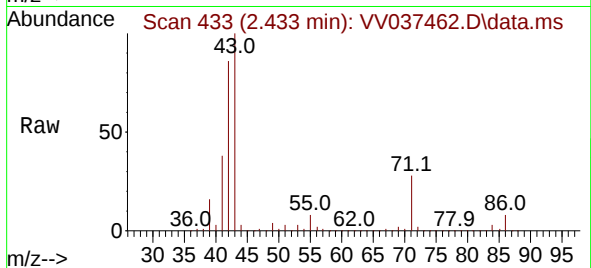
ClientSampleId :

Tgt Ion: 43 Resp: 3676538

Ion Ratio Lower Upper

43 100

74 0.4 21.0 31.4#



#16

Methylene chloride

Concen: 4.884 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

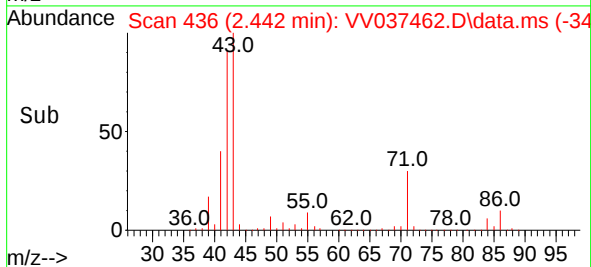
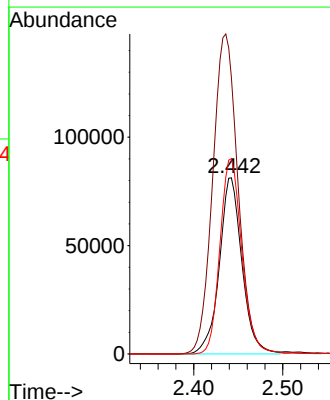
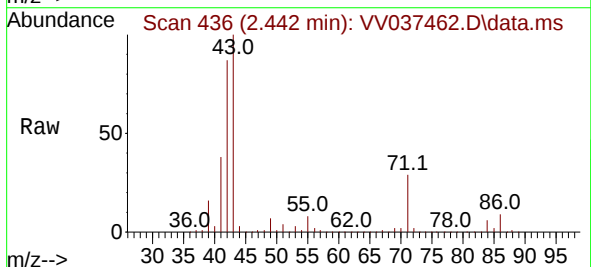
Tgt Ion: 84 Resp: 143582

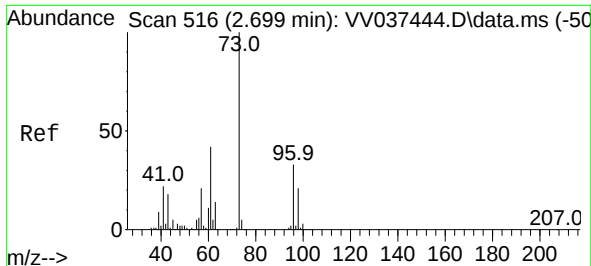
Ion Ratio Lower Upper

84 100

86 156.9 44.0 81.8#

49 110.9 83.0 154.1





#17

Methyl tert-butyl Ether

Concen: 6.295 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Instrument :

MSVOA_V

ClientSampleId :

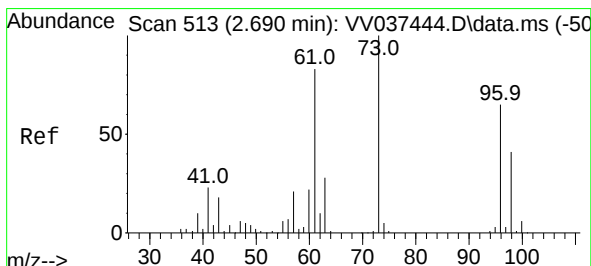
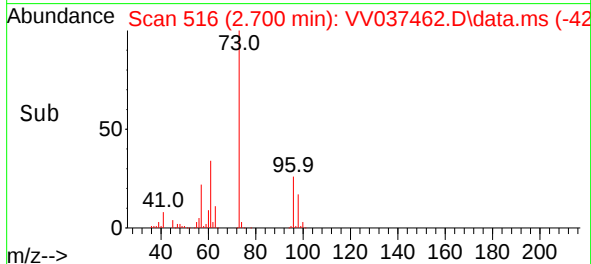
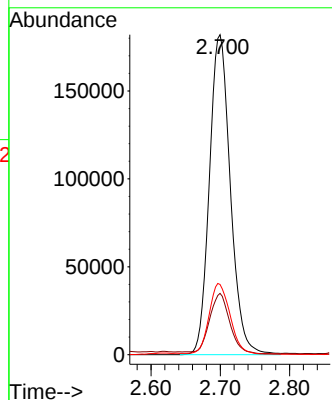
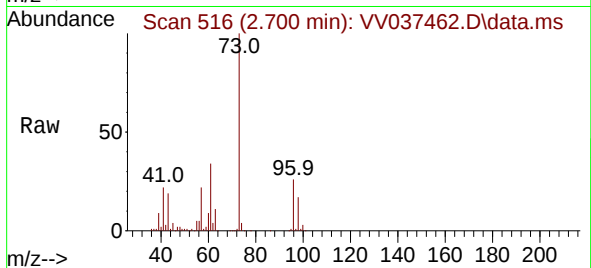
Tgt Ion: 73 Resp: 382645

Ion Ratio Lower Upper

73 100

43 0.0 14.5 21.7#

57 22.0 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 4.579 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

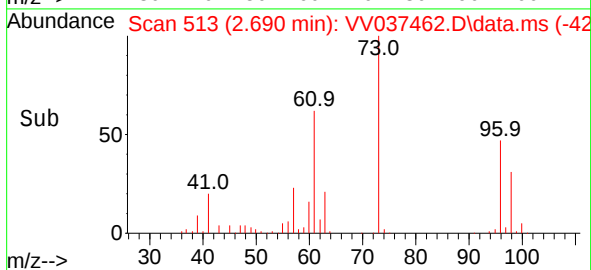
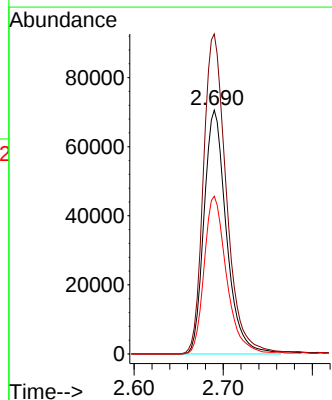
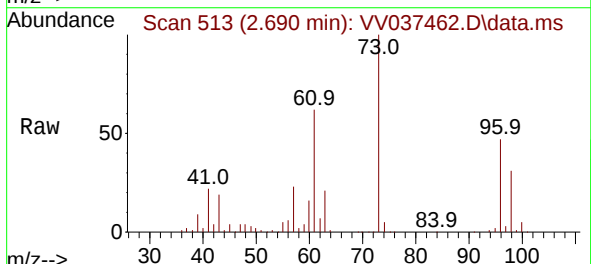
Tgt Ion: 96 Resp: 123213

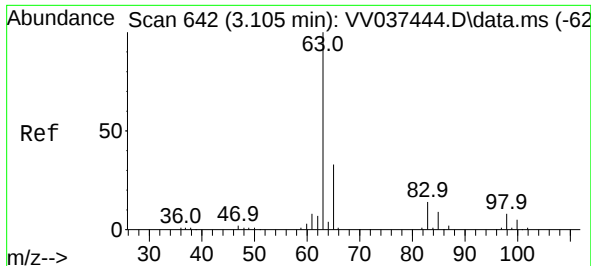
Ion Ratio Lower Upper

96 100

61 131.2 92.8 172.4

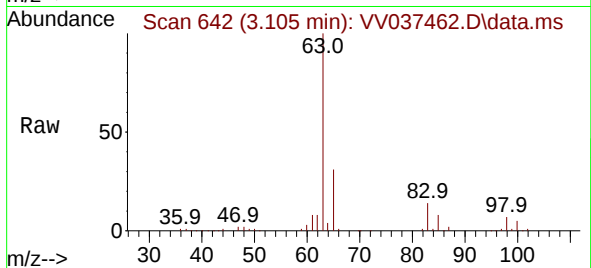
98 64.7 43.0 79.8



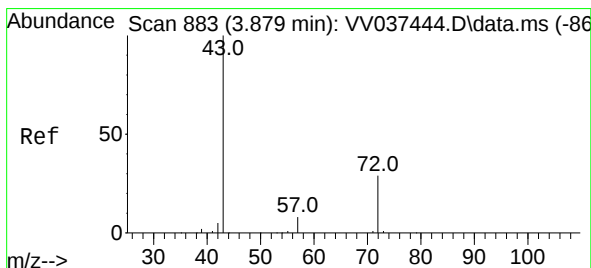
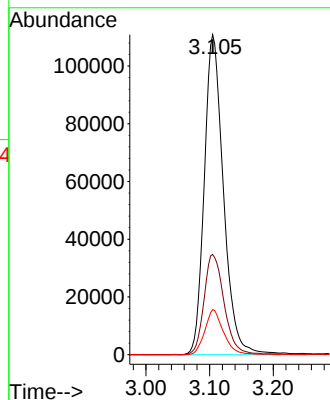
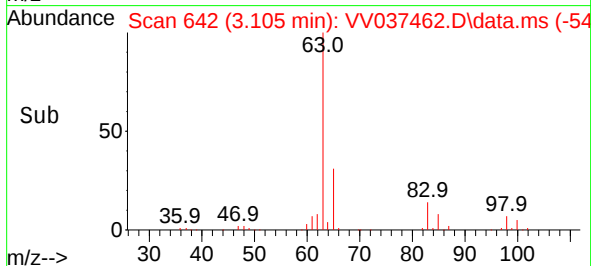


#19
1,1-Dichloroethane
Concen: 4.517 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

Instrument :
MSVOA_V
ClientSampleId :

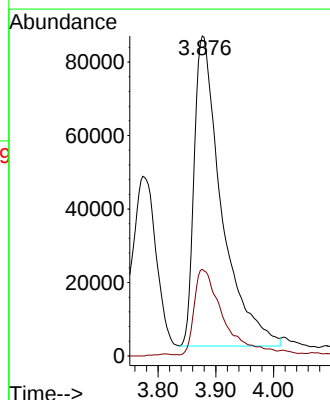
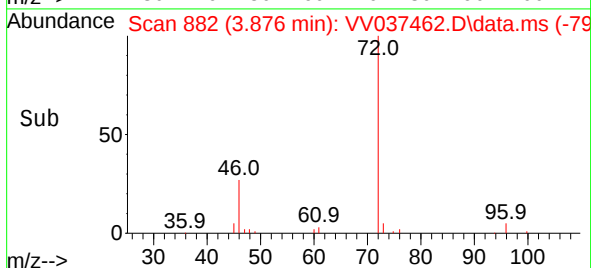
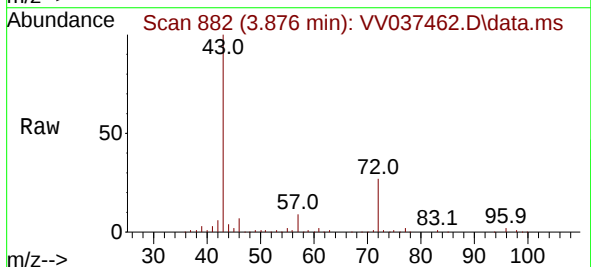


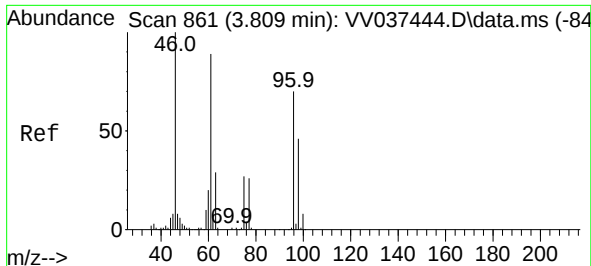
Tgt Ion: 63 Resp: 232078
Ion Ratio Lower Upper
63 100
65 31.3 22.5 41.7
83 14.1 8.9 16.5



#21
2-Butanone
Concen: 41.057 ug/L
RT: 3.876 min Scan# 882
Delta R.T. -0.003 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

Tgt Ion: 43 Resp: 277979
Ion Ratio Lower Upper
43 100
72 29.2 12.2 36.6





#22

cis-1,2-Dichloroethene

Concen: 4.764 ug/L

RT: 3.806 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Instrument :

MSVOA_V

ClientSampleId :

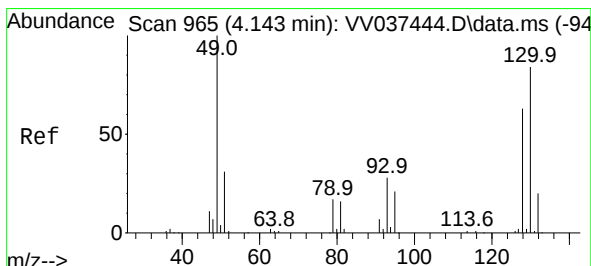
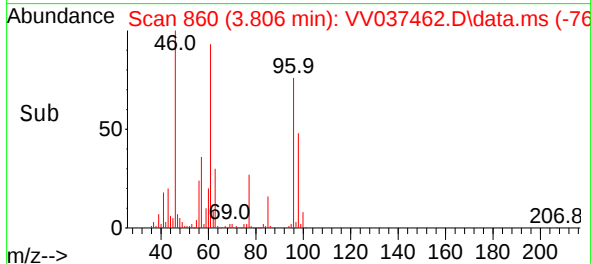
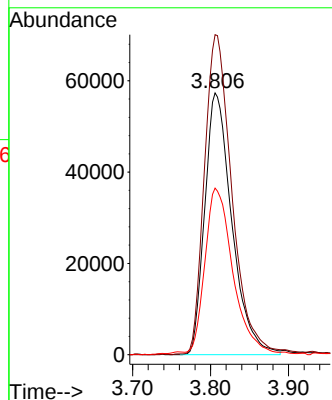
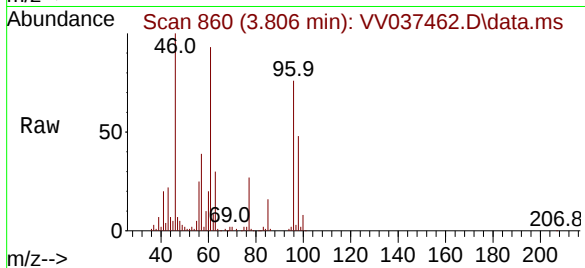
Tgt Ion: 96 Resp: 138567

Ion Ratio Lower Upper

96 100

61 122.2 87.6 162.6

98 63.6 44.9 83.5



#23

Bromochloromethane

Concen: 4.694 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.003 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Tgt Ion:128 Resp: 59124

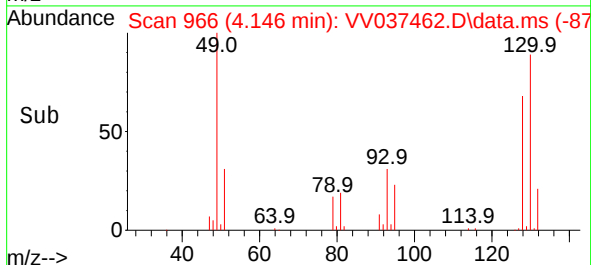
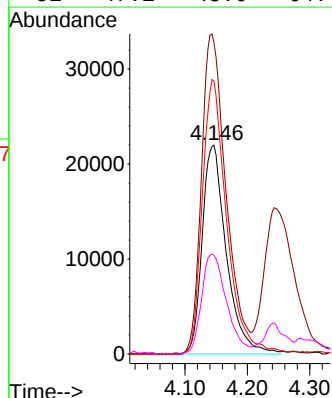
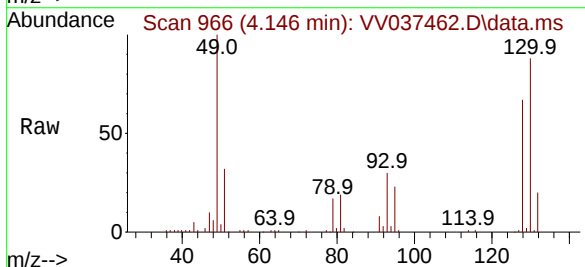
Ion Ratio Lower Upper

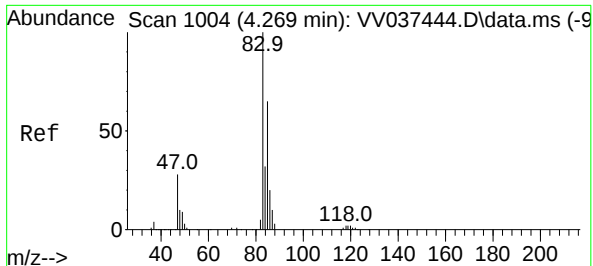
128 100

49 149.1 114.0 211.8

130 130.7 89.3 165.9

51 47.1 43.0 64.4





#25

Chloroform

Concen: 4.808 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Instrument :

MSVOA_V

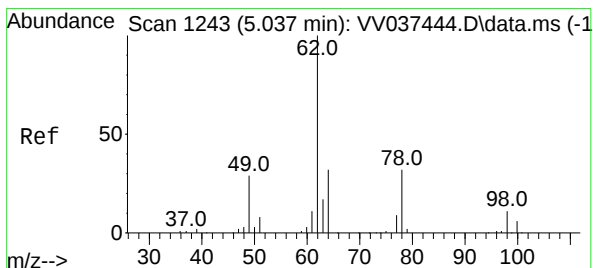
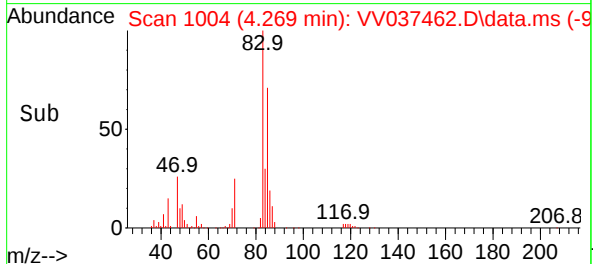
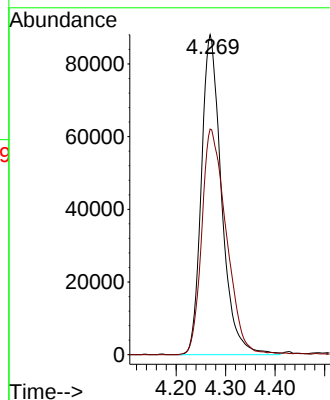
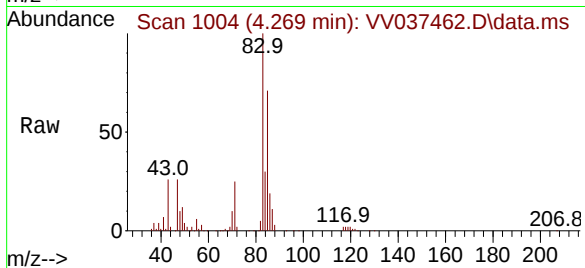
ClientSampleId :

Tgt Ion: 83 Resp: 248850

Ion Ratio Lower Upper

83 100

85 70.5 43.8 81.4



#27

1,2-Dichloroethane

Concen: 7.309 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV037462.D

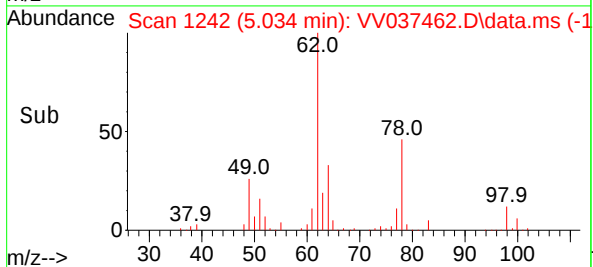
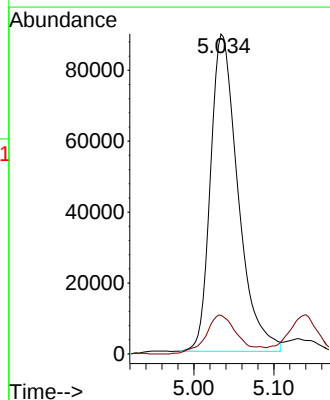
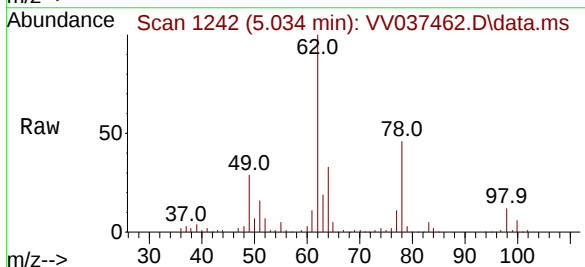
Acq: 21 Sep 2024 04:08

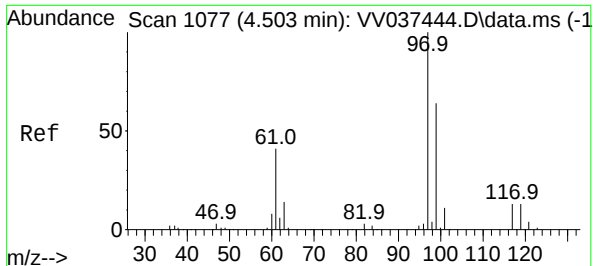
Tgt Ion: 62 Resp: 214054

Ion Ratio Lower Upper

62 100

98 12.1 8.2 12.4

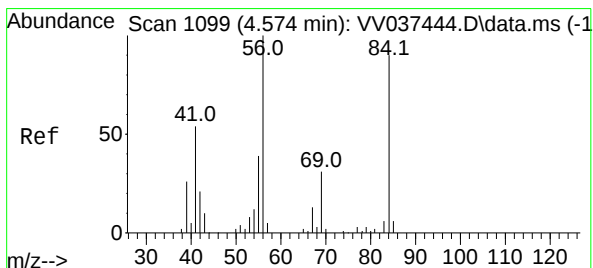
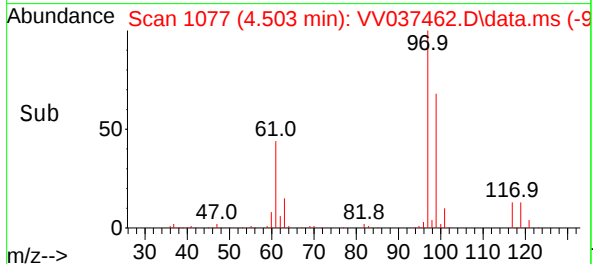
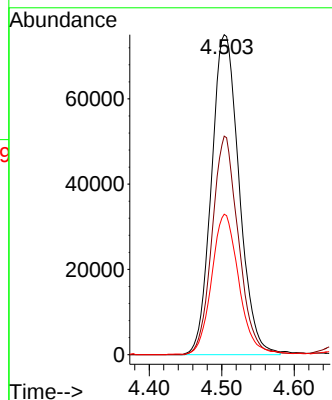
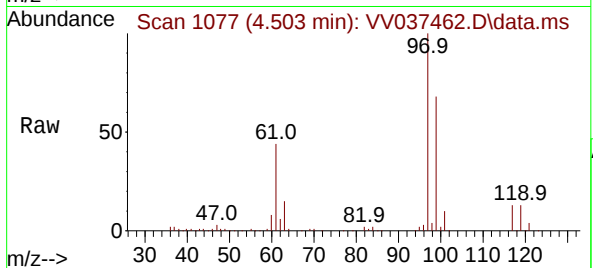




#29
1,1,1-Trichloroethane
Concen: 4.512 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

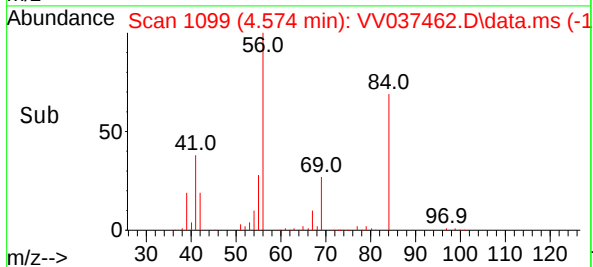
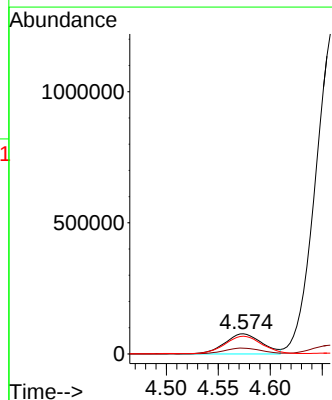
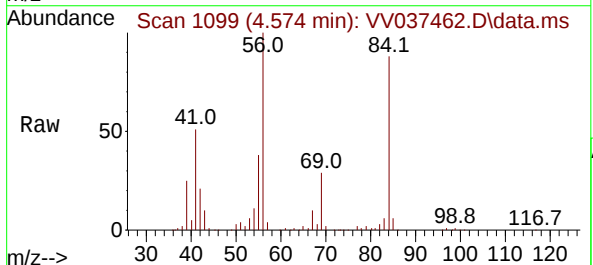
Instrument :
MSVOA_V
ClientSampleId :

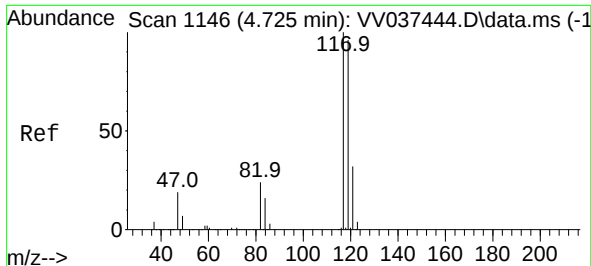
Tgt Ion: 97 Resp: 199122
Ion Ratio Lower Upper
97 100
99 65.1 50.0 75.0
61 42.9 34.3 51.5



#30
Cyclohexane
Concen: 4.424 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

Tgt Ion: 56 Resp: 189424
Ion Ratio Lower Upper
56 100
69 30.0 24.1 36.1
84 90.8 73.1 109.7

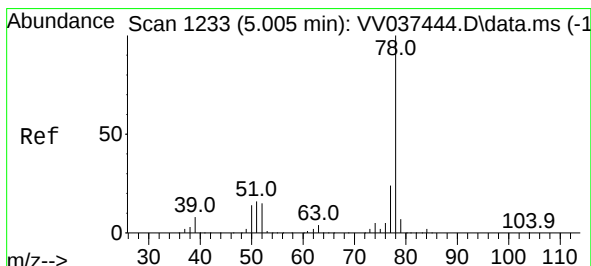
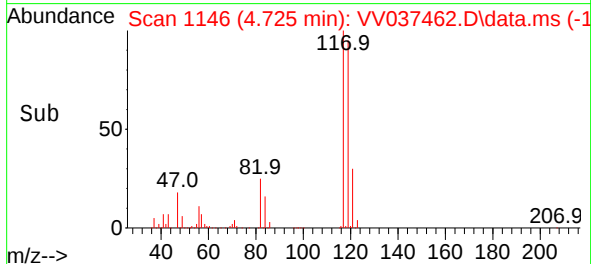
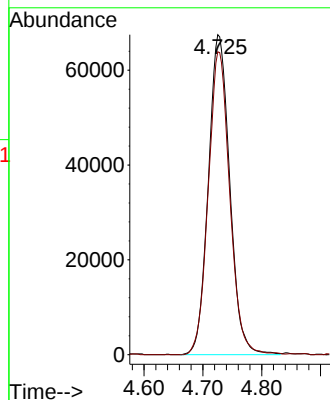
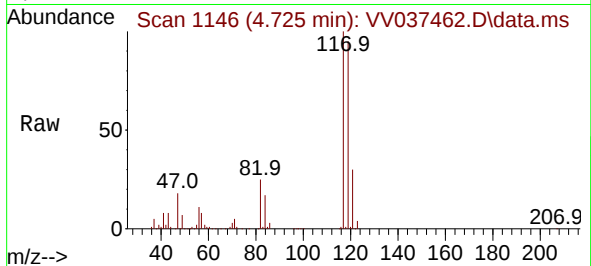




#31
Carbon tetrachloride
Concen: 4.540 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

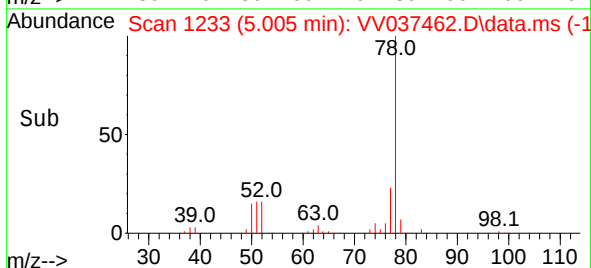
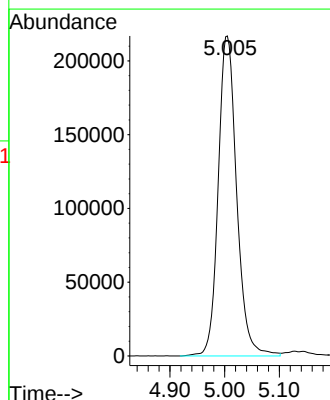
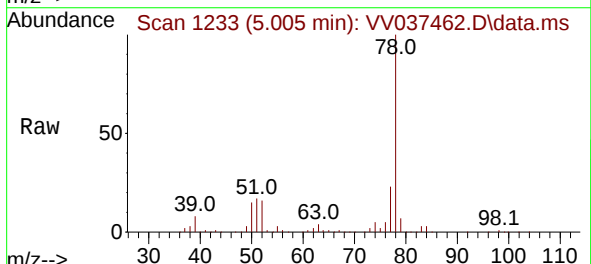
Instrument :
MSVOA_V
ClientSampleId :

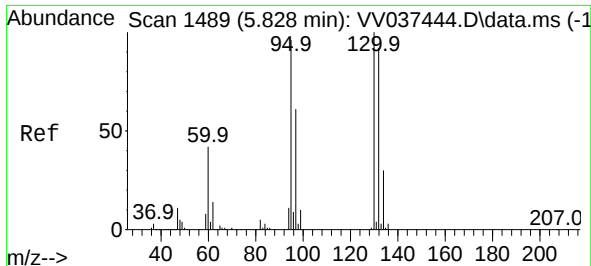
Tgt Ion:117 Resp: 170549
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.4



#33
Benzene
Concen: 4.538 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

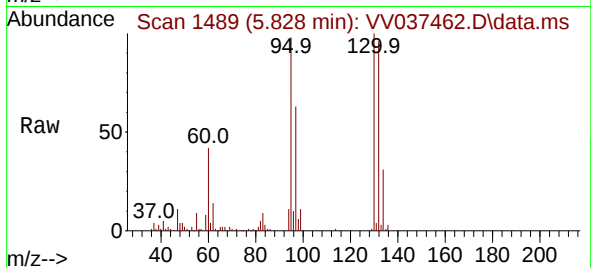
Tgt Ion: 78 Resp: 508952



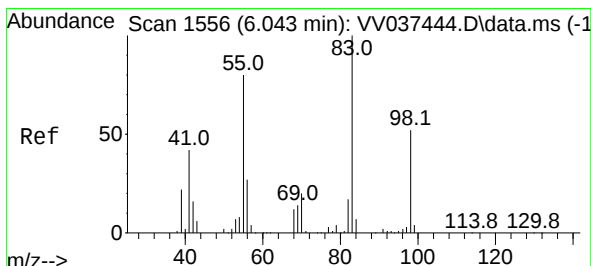
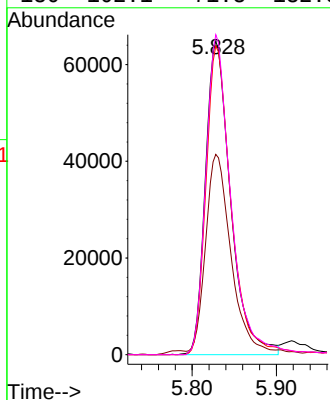
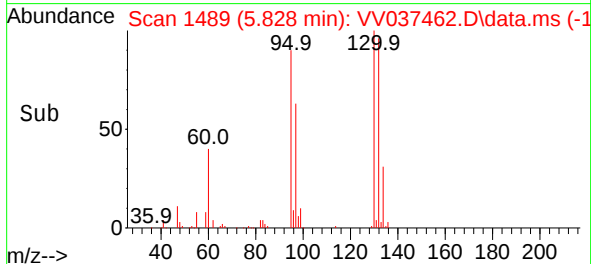


#34
 Trichloroethene
 Concen: 4.465 ug/L
 RT: 5.828 min Scan# 1489
 Delta R.T. 0.000 min
 Lab File: VV037462.D
 Acq: 21 Sep 2024 04:08

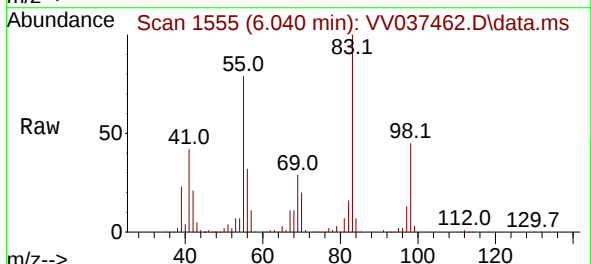
Instrument :
 MSVOA_V
 ClientSampleId :



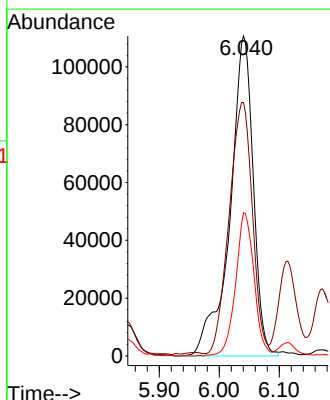
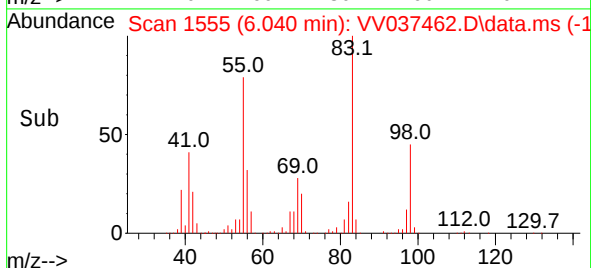
Tgt Ion: 95 Resp: 134940
 Ion Ratio Lower Upper
 95 100
 97 63.9 46.5 86.5
 132 98.4 65.5 121.7
 130 102.1 71.3 132.3

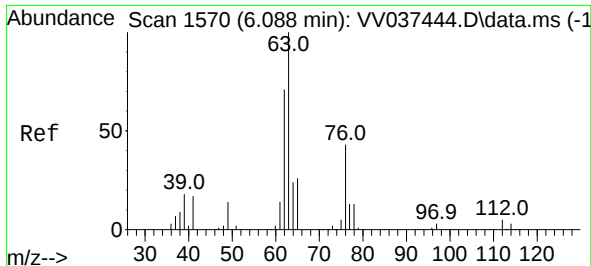


#35
 Methylcyclohexane
 Concen: 6.506 ug/L
 RT: 6.040 min Scan# 1555
 Delta R.T. -0.003 min
 Lab File: VV037462.D
 Acq: 21 Sep 2024 04:08



Tgt Ion: 83 Resp: 298916
 Ion Ratio Lower Upper
 83 100
 55 77.8 60.3 90.5
 98 35.4 38.2 57.4#

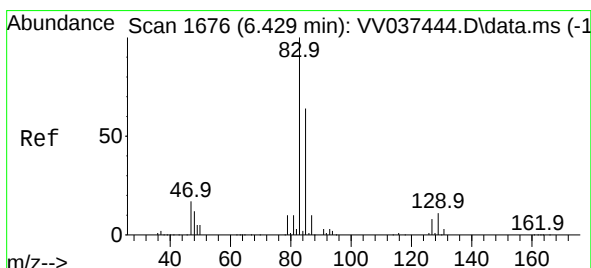
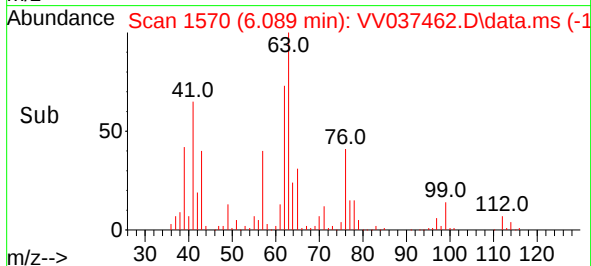
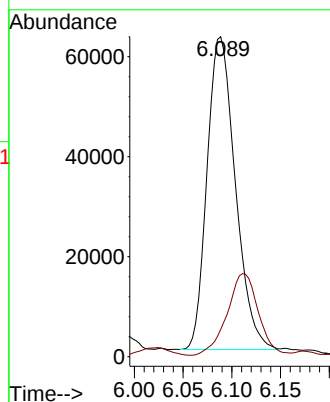
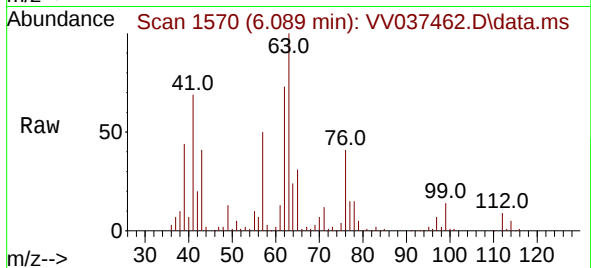




#37
1,2-Dichloropropane
Concen: 4.422 ug/L
RT: 6.089 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

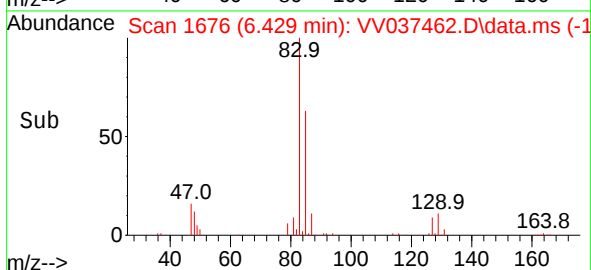
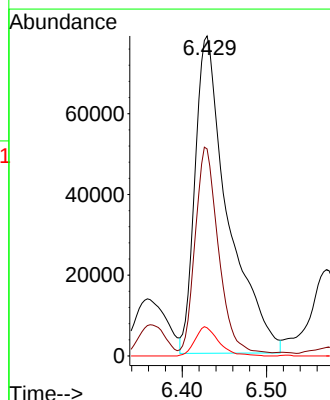
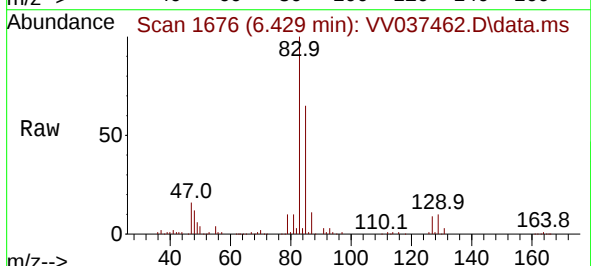
Instrument :
MSVOA_V
ClientSampleId :

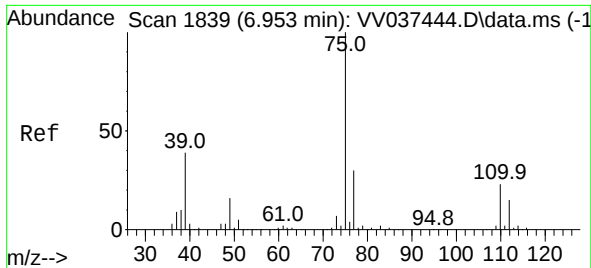
Tgt Ion: 63 Resp: 126177
Ion Ratio Lower Upper
63 100
112 29.1 3.7 5.5#



#38
Bromodichloromethane
Concen: 5.959 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

Tgt Ion: 83 Resp: 212875
Ion Ratio Lower Upper
83 100
85 64.7 43.7 81.1
127 8.8 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.133 ug/L

RT: 6.950 min Scan# 1839

Delta R.T. -0.003 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Instrument :

MSVOA_V

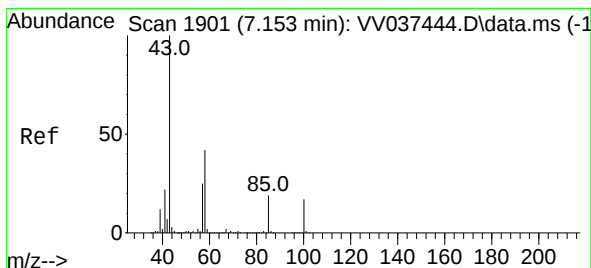
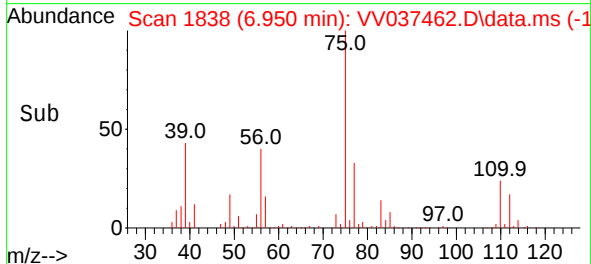
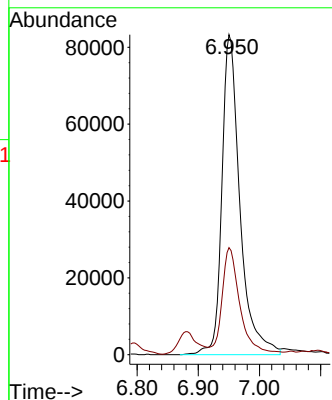
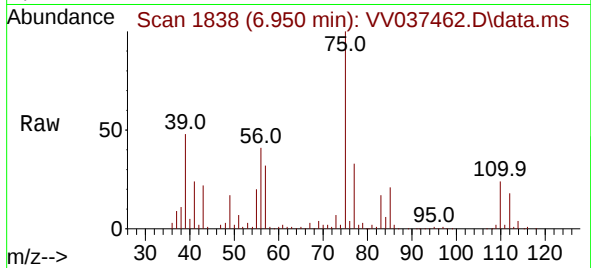
ClientSampleId :

Tgt Ion: 75 Resp: 170820

Ion Ratio Lower Upper

75 100

77 33.5 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 53.122 ug/L

RT: 7.153 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

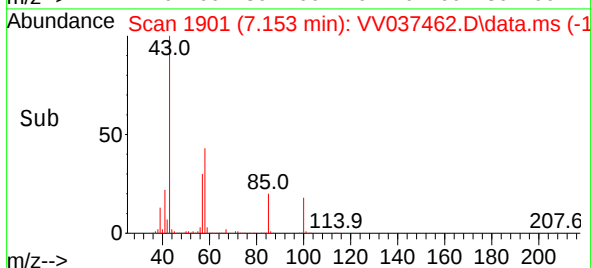
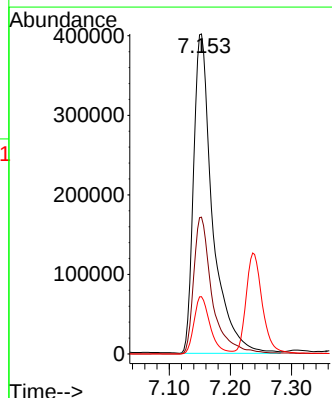
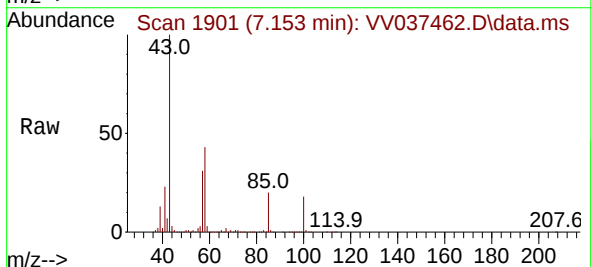
Tgt Ion: 43 Resp: 867764

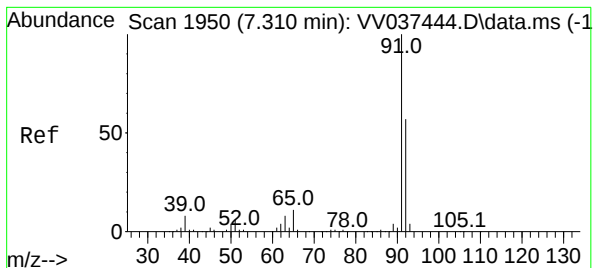
Ion Ratio Lower Upper

43 100

58 41.9 31.7 47.5

100 15.2 12.6 19.0





#42

Toluene

Concen: 4.695 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Instrument :

MSVOA_V

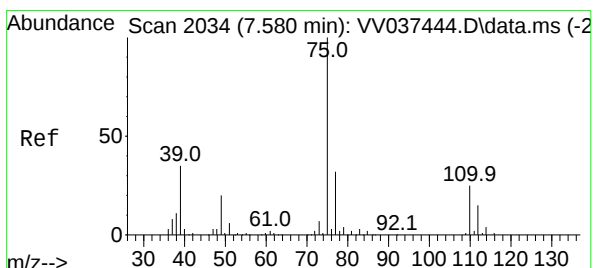
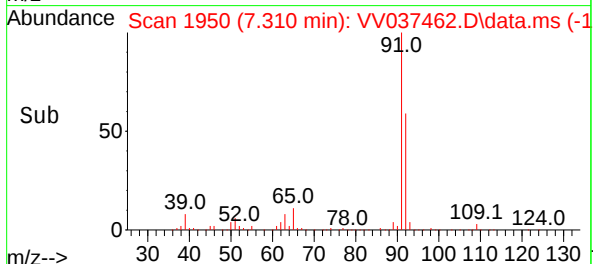
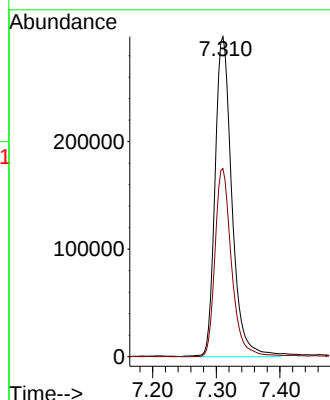
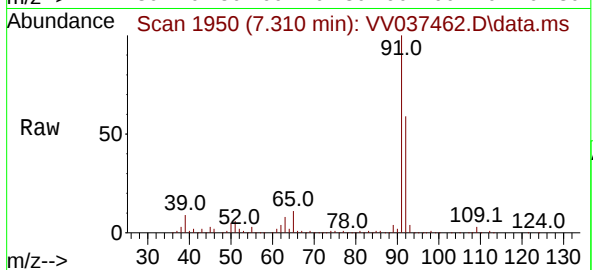
ClientSampleId :

Tgt Ion: 91 Resp: 547748

Ion Ratio Lower Upper

91 100

92 58.8 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 3.932 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV037462.D

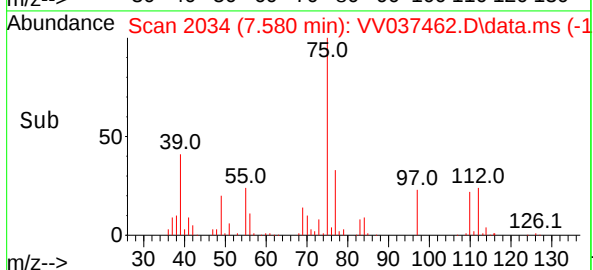
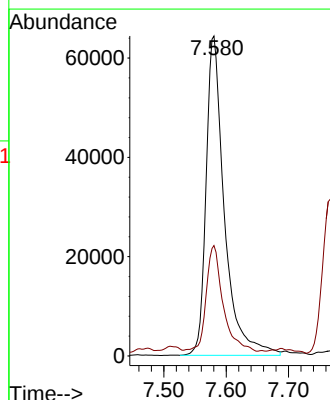
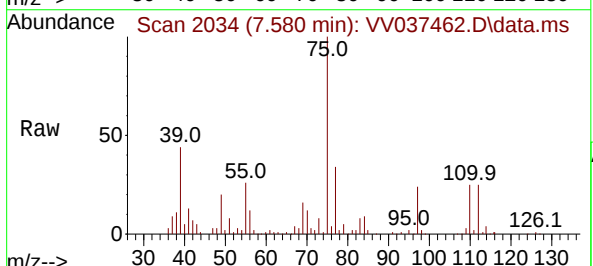
Acq: 21 Sep 2024 04:08

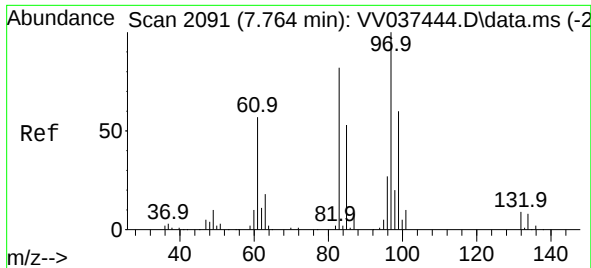
Tgt Ion: 75 Resp: 131141

Ion Ratio Lower Upper

75 100

77 34.5 20.9 38.9

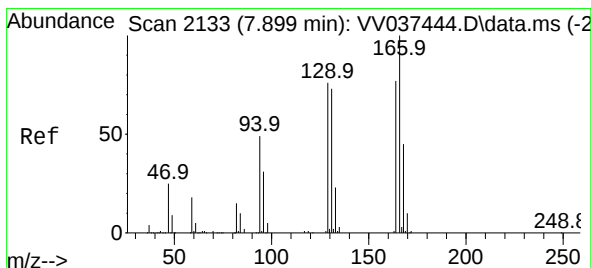
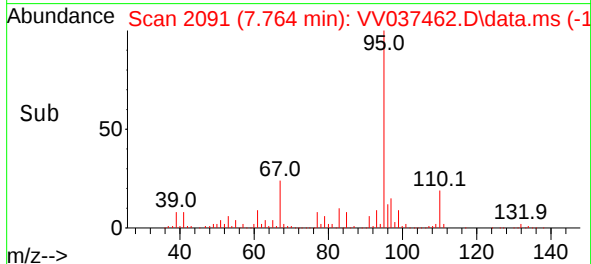
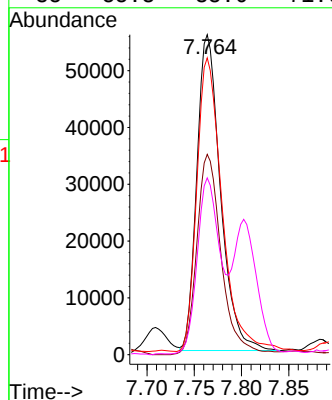
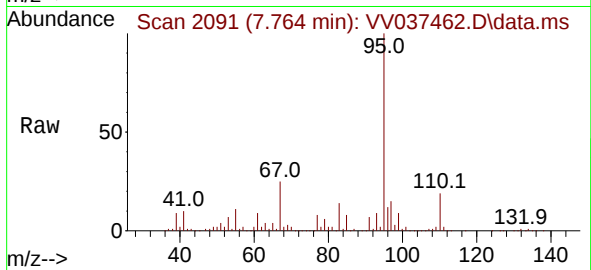




#45
1,1,2-Trichloroethane
Concen: 4.733 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

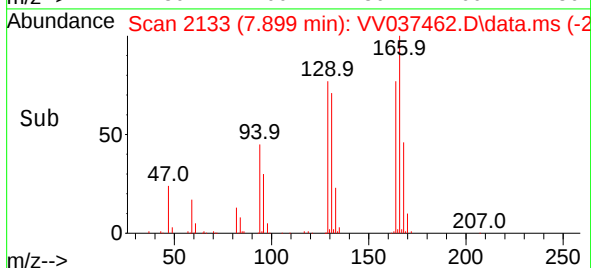
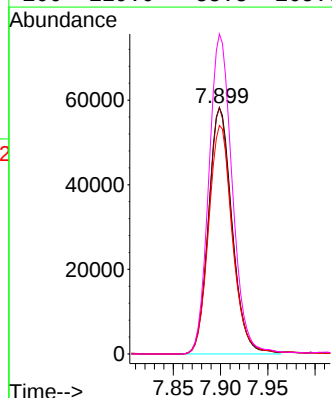
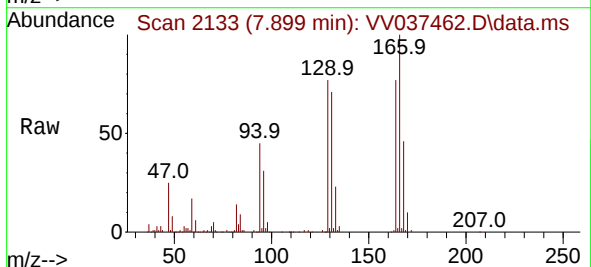
Instrument :
MSVOA_V
ClientSampleId :

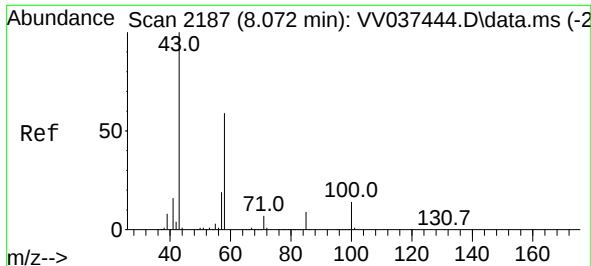
Tgt Ion:	97	Resp:	96653
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.1	80.1
83	92.8	61.0	113.4
85	55.3	38.6	71.6



#47
Tetrachloroethene
Concen: 4.660 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

Tgt Ion:	164	Resp:	100784
Ion	Ratio	Lower	Upper
164	100		
129	100.1	69.2	128.4
131	92.8	66.6	123.8
166	129.9	88.8	165.0





#48

2-Hexanone

Concen: 47.021 ug/L

RT: 8.069 min Scan# 2186

Delta R.T. -0.003 min

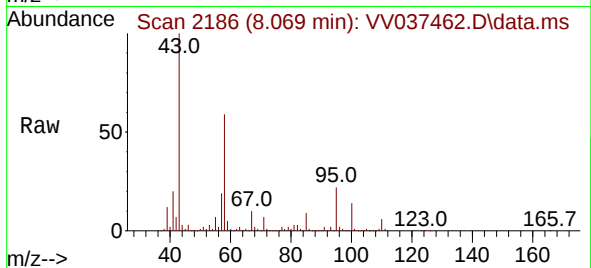
Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 561403

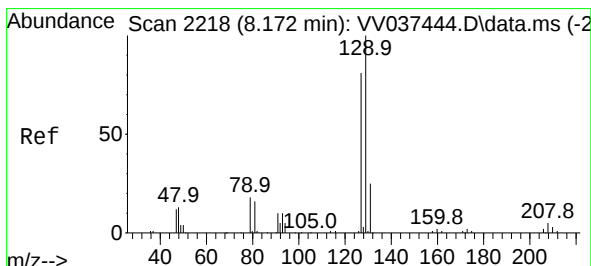
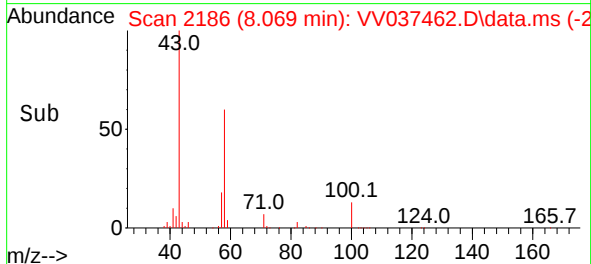
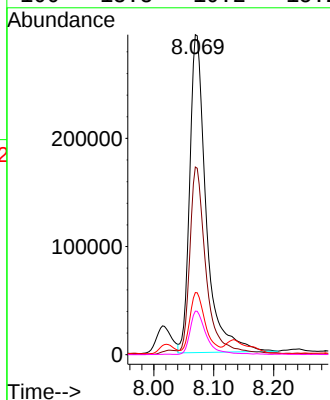
Ion Ratio Lower Upper

43 100

58 57.1 45.5 68.3

57 18.3 15.3 22.9

100 13.3 10.2 15.2



#49

Dibromochloromethane

Concen: 4.452 ug/L

RT: 8.169 min Scan# 2217

Delta R.T. -0.003 min

Lab File: VV037462.D

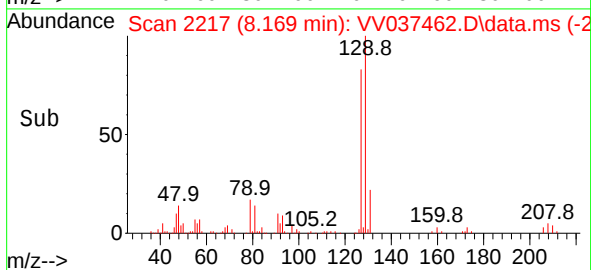
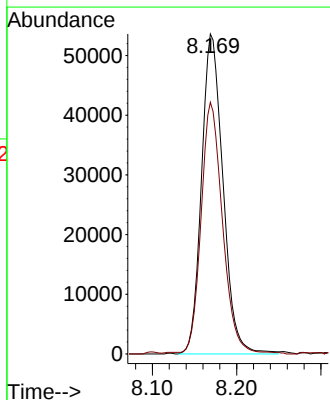
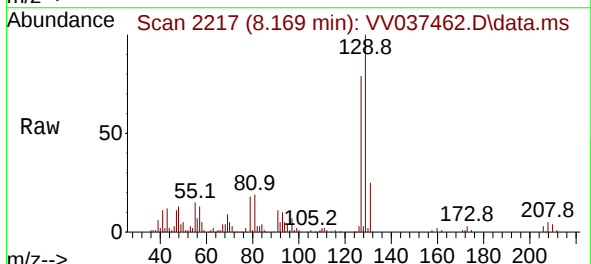
Acq: 21 Sep 2024 04:08

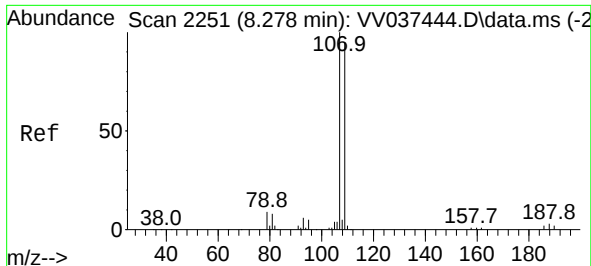
Tgt Ion: 129 Resp: 95249

Ion Ratio Lower Upper

129 100

127 78.7 54.5 101.1





#50

1,2-Dibromoethane

Concen: 4.941 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Instrument :

MSVOA_V

ClientSampleId :

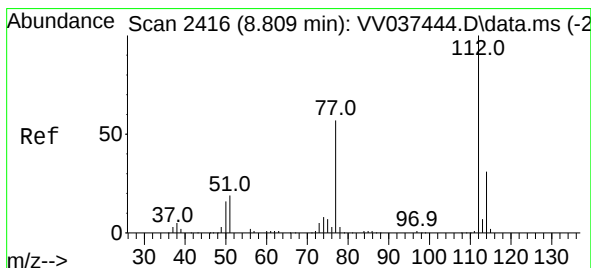
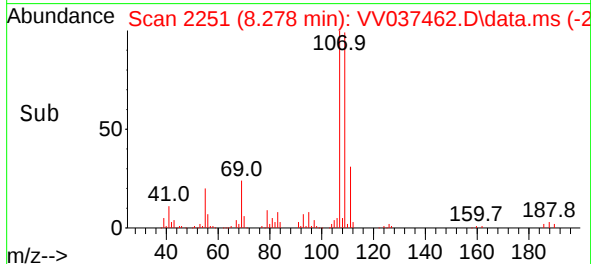
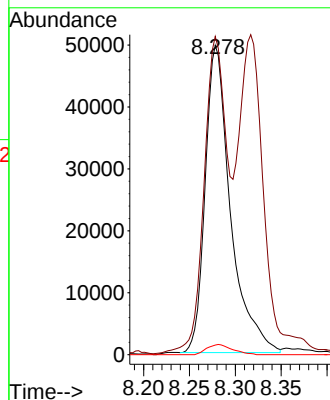
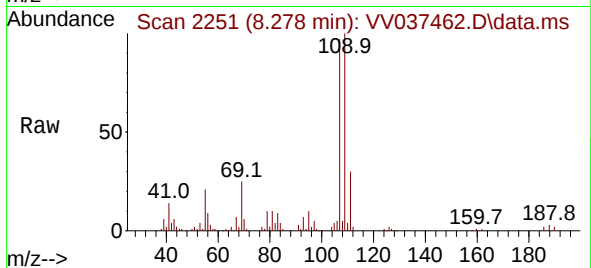
Tgt Ion:107 Resp: 95343

Ion Ratio Lower Upper

107 100

109 102.8 68.1 126.5

188 3.1 2.7 4.1



#51

Chlorobenzene

Concen: 4.655 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. 0.000 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

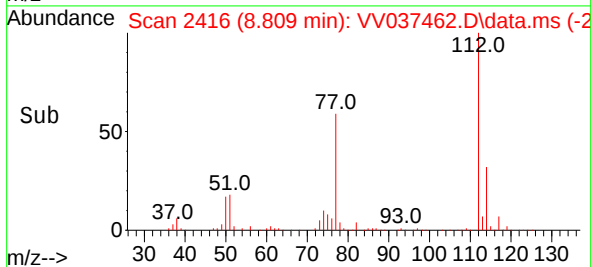
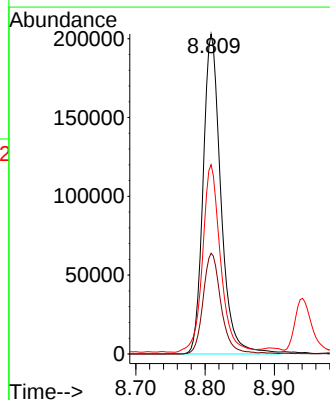
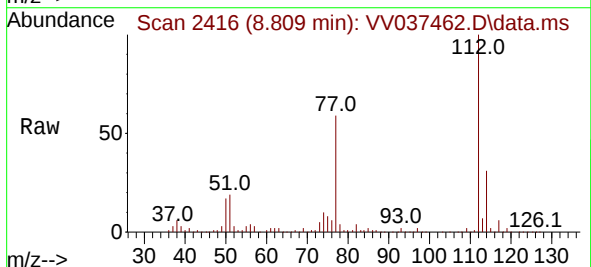
Tgt Ion:112 Resp: 361597

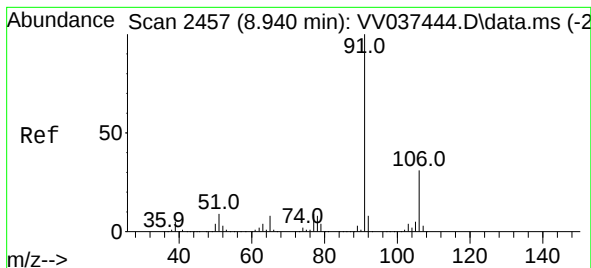
Ion Ratio Lower Upper

112 100

114 31.4 22.6 42.0

77 59.2 47.0 70.6





#52

Ethylbenzene

Concen: 4.720 ug/L

RT: 8.941 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Instrument :

MSVOA_V

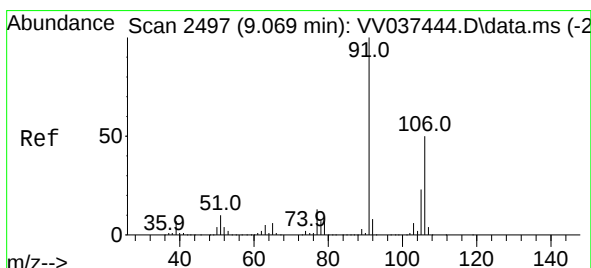
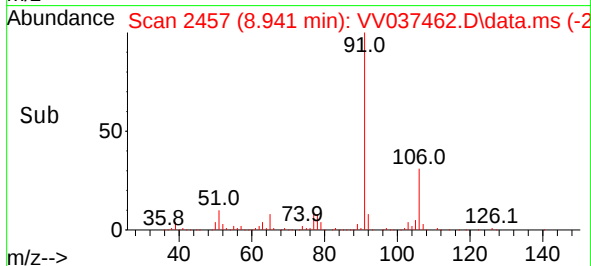
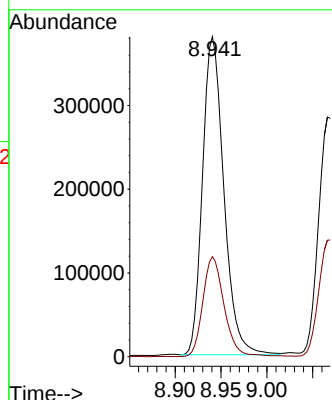
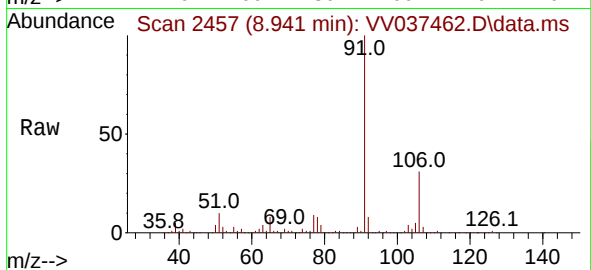
ClientSampleId :

Tgt Ion: 91 Resp: 614572

Ion Ratio Lower Upper

91 100

106 31.3 21.7 40.3



#53

m,p-Xylene

Concen: 4.920 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV037462.D

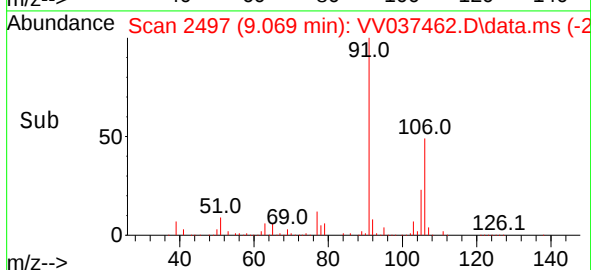
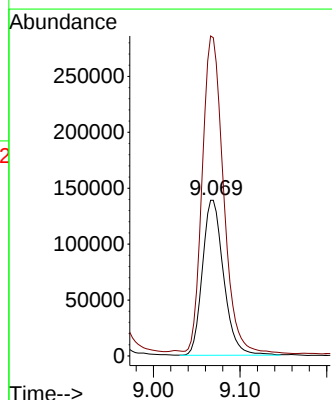
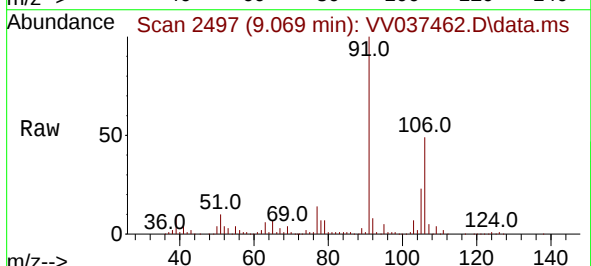
Acq: 21 Sep 2024 04:08

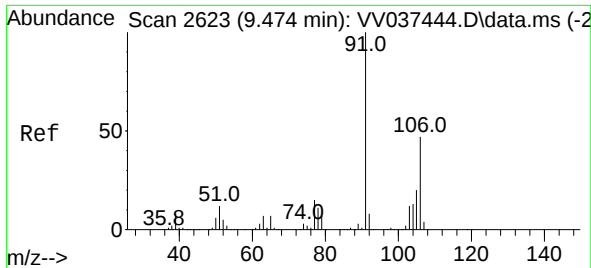
Tgt Ion: 106 Resp: 235662

Ion Ratio Lower Upper

106 100

91 204.4 143.3 266.1





#54

o-Xylene

Concen: 4.844 ug/L

RT: 9.471 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Instrument :

MSVOA_V

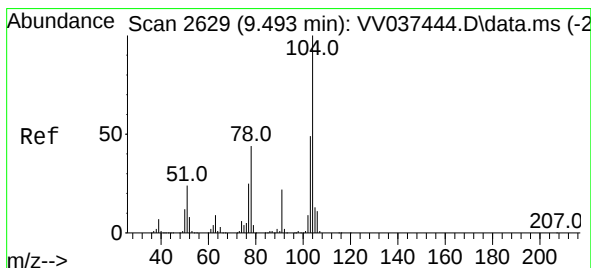
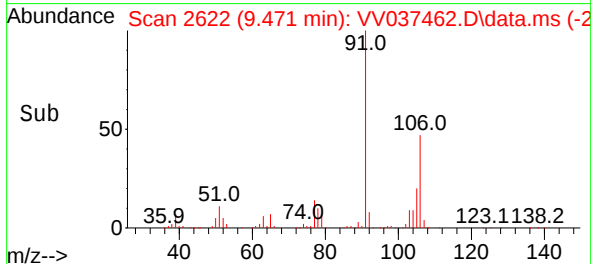
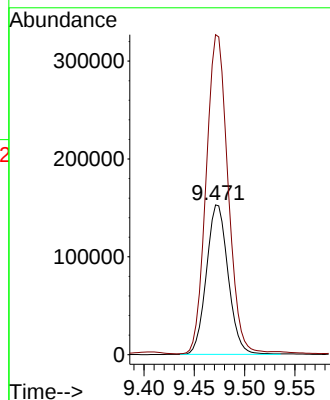
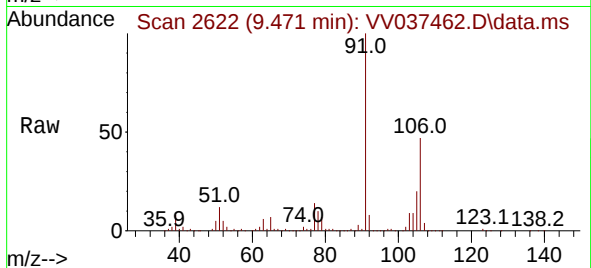
ClientSampleId :

Tgt Ion:106 Resp: 229753

Ion Ratio Lower Upper

106 100

91 213.7 151.8 282.0



#55

Styrene

Concen: 4.902 ug/L

RT: 9.490 min Scan# 2628

Delta R.T. -0.003 min

Lab File: VV037462.D

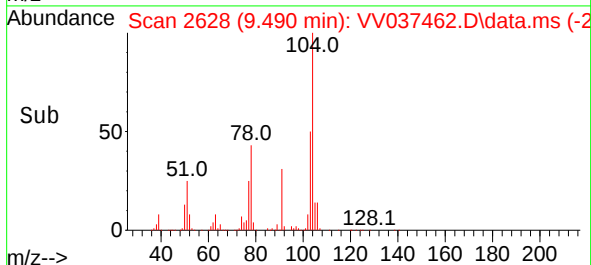
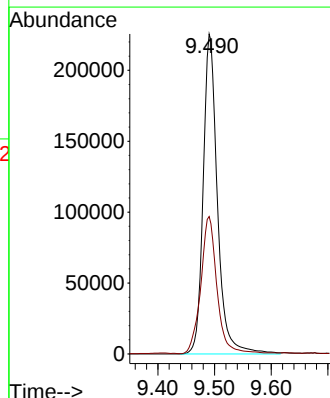
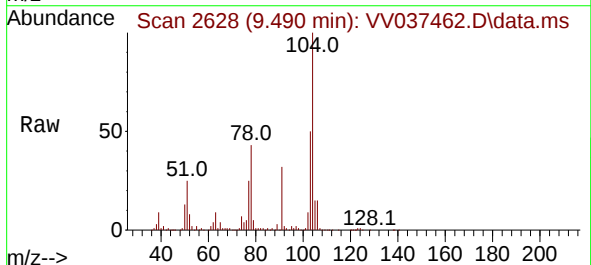
Acq: 21 Sep 2024 04:08

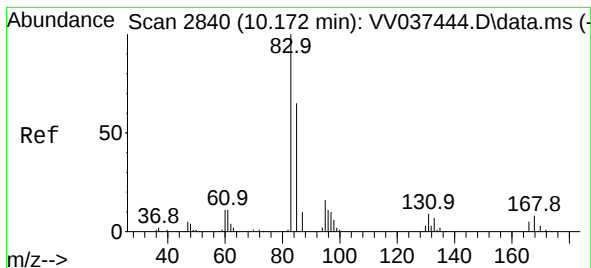
Tgt Ion:104 Resp: 394170

Ion Ratio Lower Upper

104 100

78 42.9 29.2 54.2

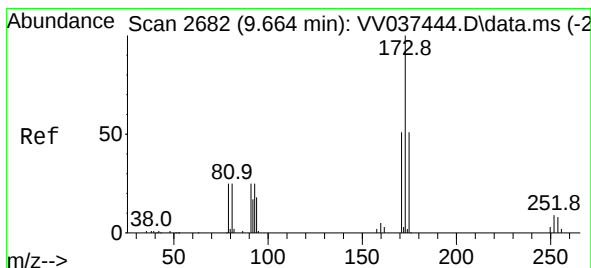
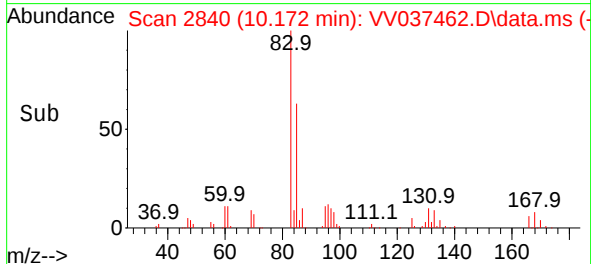
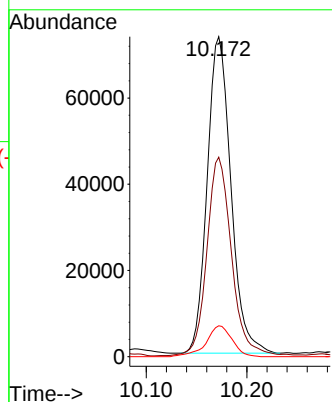
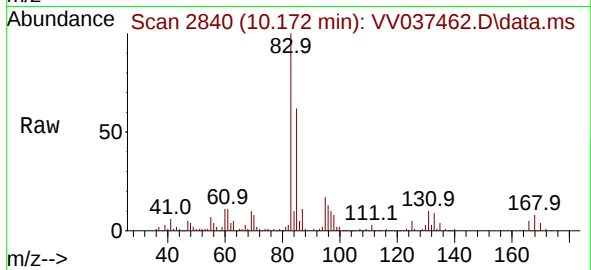




#57
1,1,2,2-Tetrachloroethane
Concen: 4.886 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

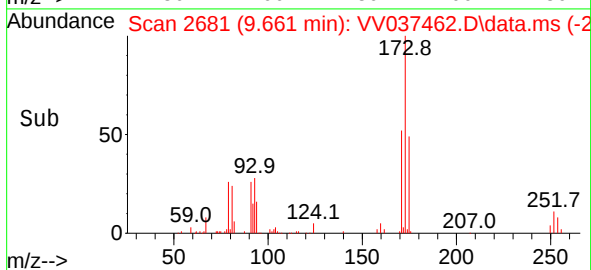
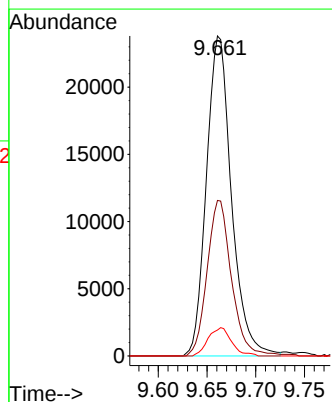
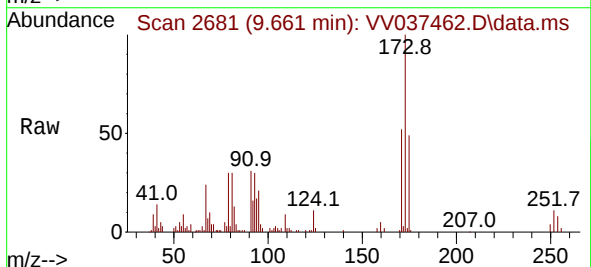
Instrument :
MSVOA_V
ClientSampleId :

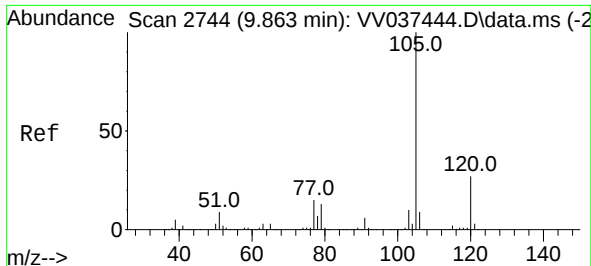
Tgt Ion: 83 Resp: 120530
Ion Ratio Lower Upper
83 100
85 62.3 43.2 80.2
131 9.7 6.9 10.3



#59
Bromoform
Concen: 3.739 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.003 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

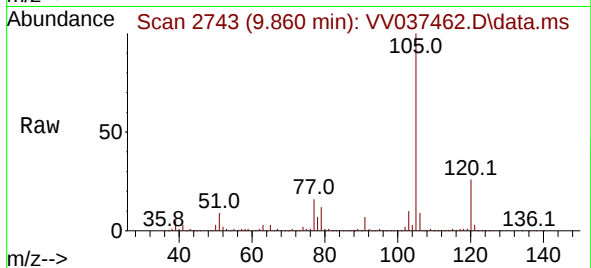
Tgt Ion: 173 Resp: 42589
Ion Ratio Lower Upper
173 100
175 47.4 38.7 58.1
254 8.3 6.8 10.2



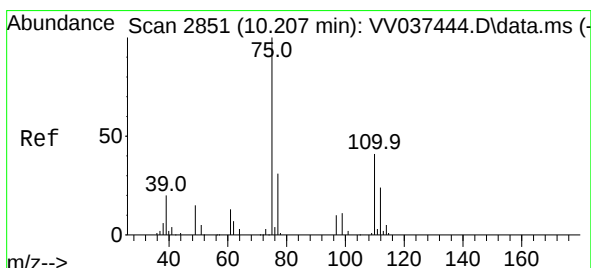
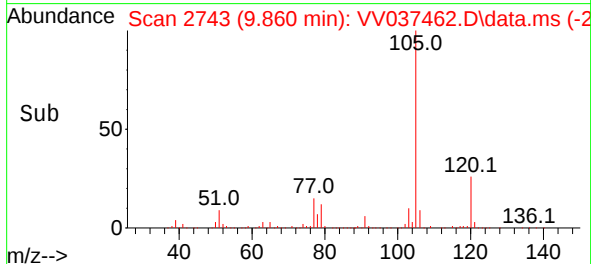
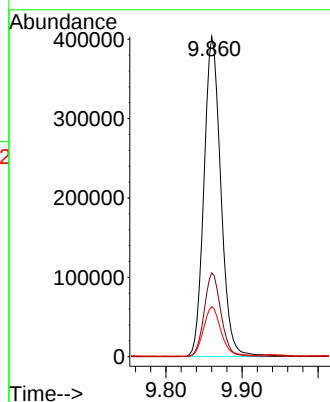


#60
Isopropylbenzene
Concen: 4.771 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

Instrument :
MSVOA_V
ClientSampleId :

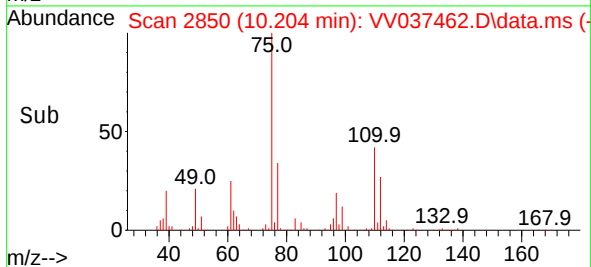
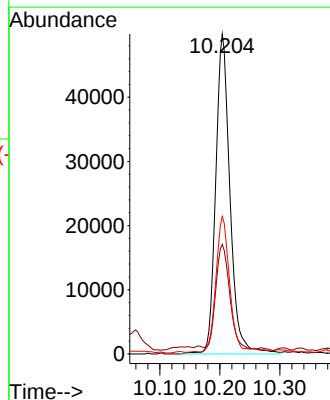
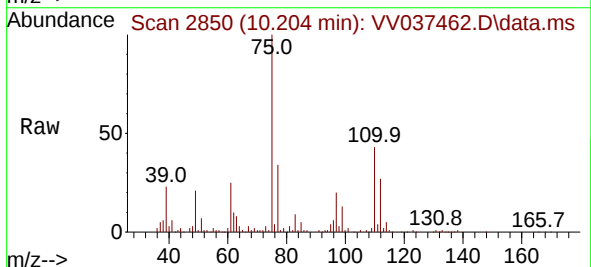


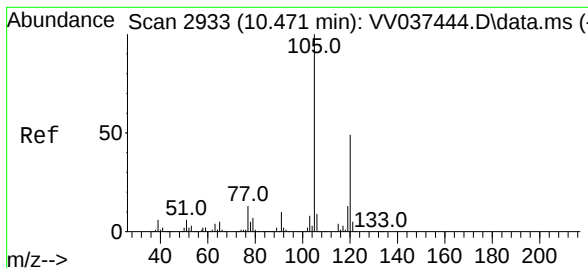
Tgt Ion:105 Resp: 621758
Ion Ratio Lower Upper
105 100
120 26.1 20.2 30.4
77 16.1 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.647 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.003 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

Tgt Ion: 75 Resp: 82323
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
110 40.0 31.0 46.4

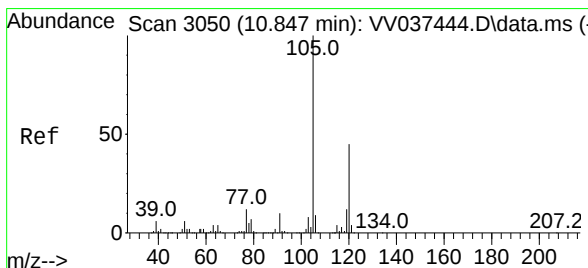
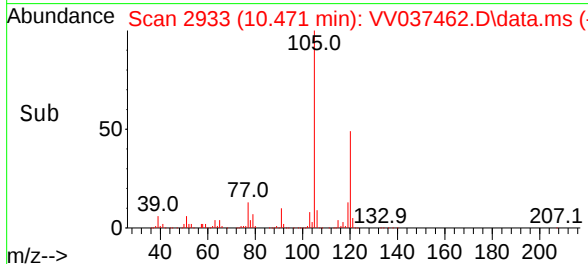
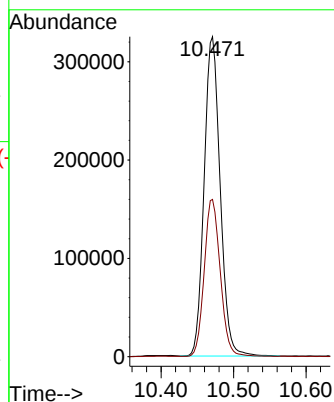
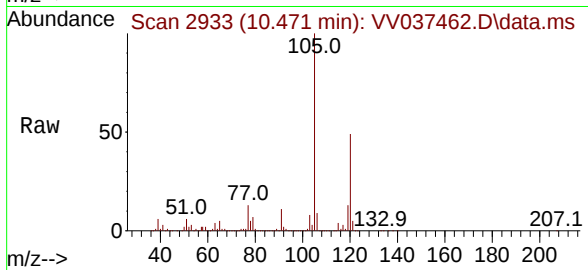




#62
1,3,5-Trimethylbenzene
Concen: 4.831 ug/L
RT: 10.471 min Scan# 2933
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

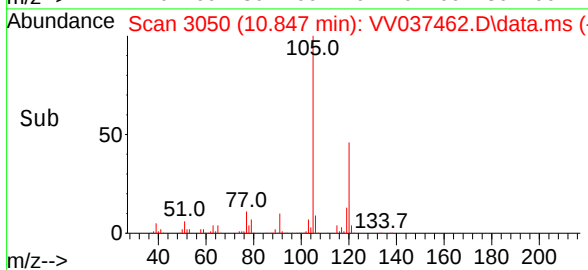
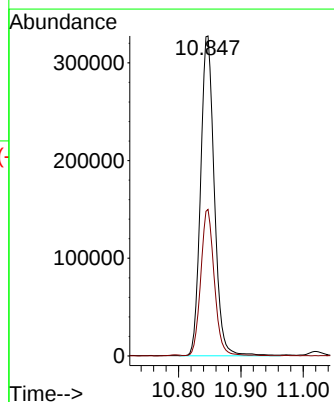
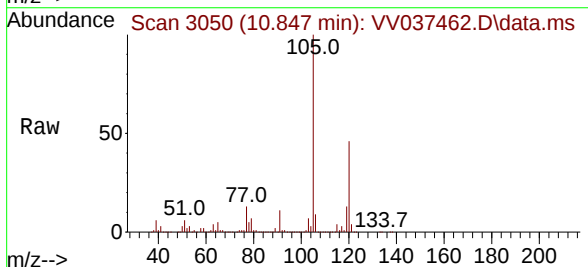
Instrument :
MSVOA_V
ClientSampleId :

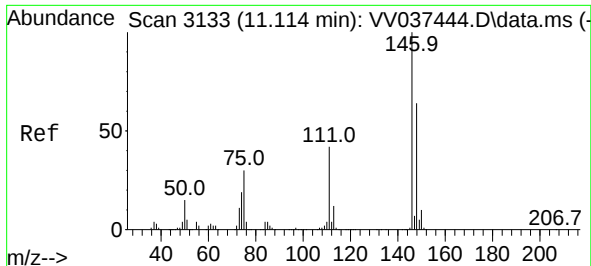
Tgt Ion:105 Resp: 499154
Ion Ratio Lower Upper
105 100
120 49.2 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 4.824 ug/L
RT: 10.847 min Scan# 3050
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

Tgt Ion:105 Resp: 500767
Ion Ratio Lower Upper
105 100
120 44.8 36.2 54.2

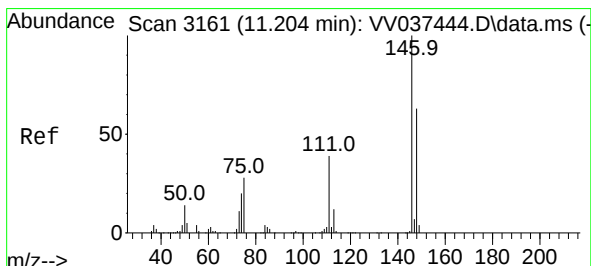
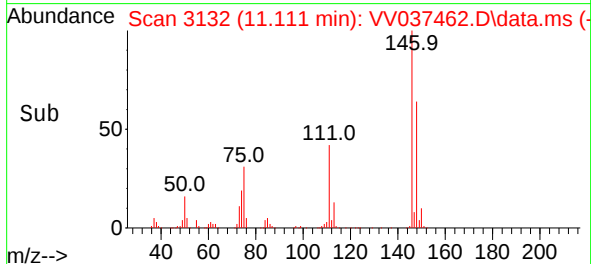
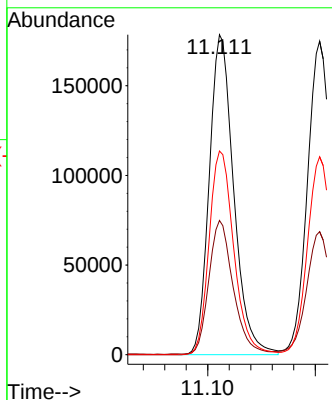
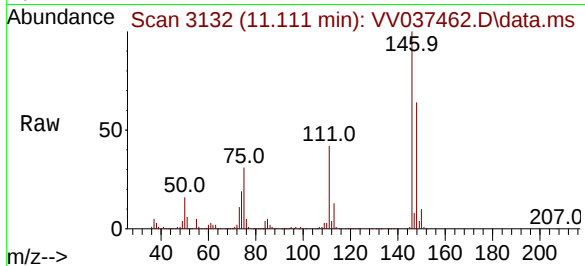




#64
1,3-Dichlorobenzene
Concen: 4.576 ug/L
RT: 11.111 min Scan# 3133
Delta R.T. -0.003 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

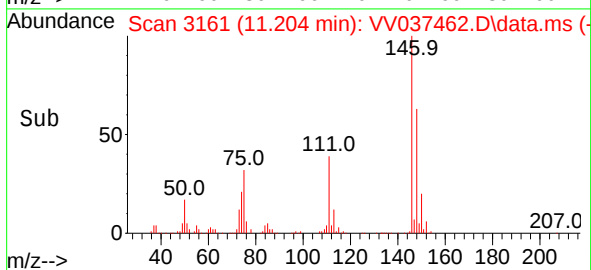
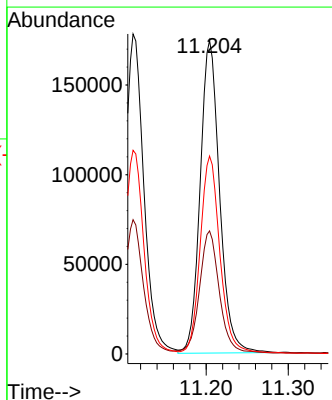
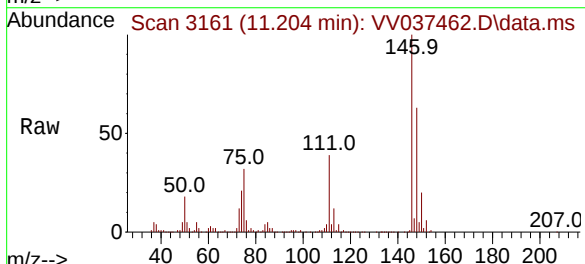
Instrument :
MSVOA_V
ClientSampleId :

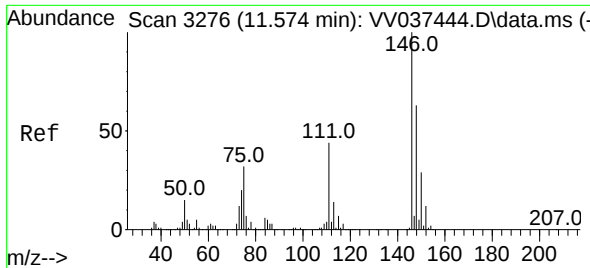
Tgt Ion:146 Resp: 281885
Ion Ratio Lower Upper
146 100
111 42.0 28.8 53.4
148 63.7 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 4.537 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

Tgt Ion:146 Resp: 286635
Ion Ratio Lower Upper
146 100
111 39.3 28.2 52.4
148 63.1 45.8 85.0

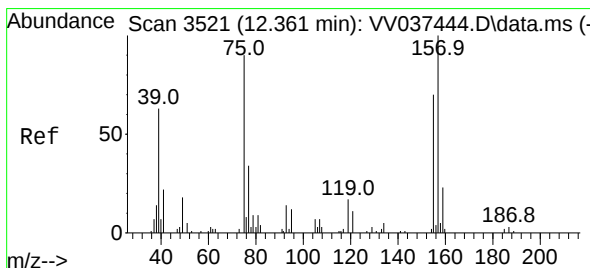
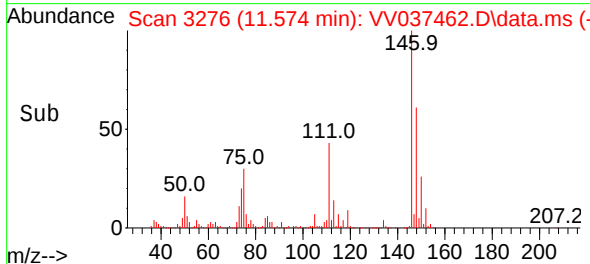
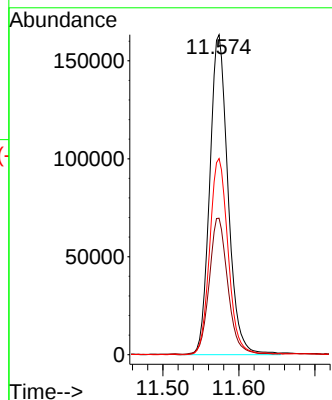
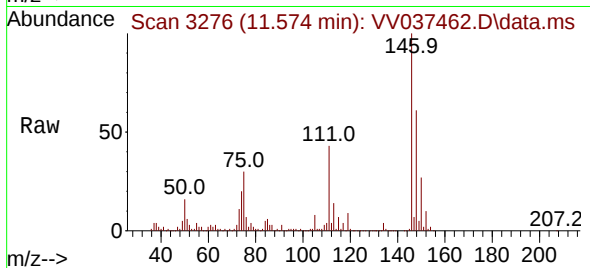




#67
1,2-Dichlorobenzene
Concen: 4.773 ug/L
RT: 11.574 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

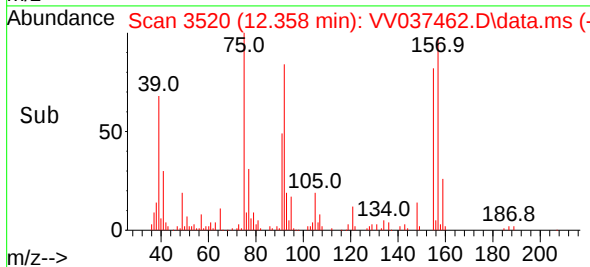
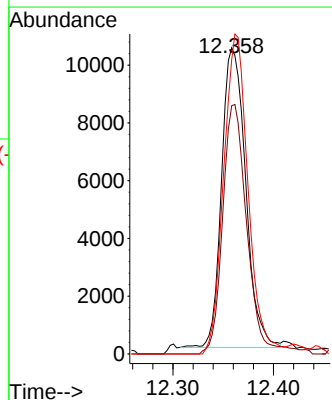
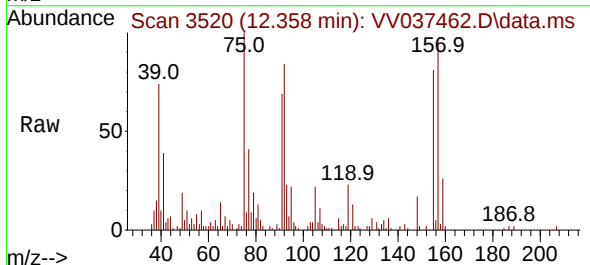
Instrument :
MSVOA_V
ClientSampleId :

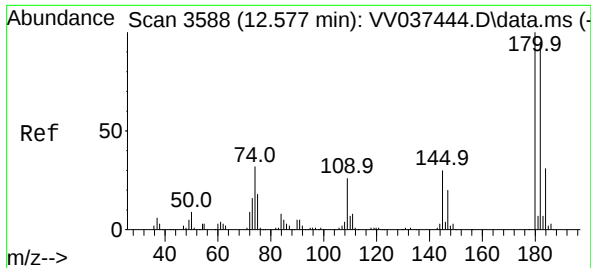
Tgt Ion:146 Resp: 272609
Ion Ratio Lower Upper
146 100
111 42.7 34.4 51.6
148 61.3 51.8 77.6



#68
1,2-Dibromo-3-chloropropane
Concen: 4.686 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.003 min
Lab File: VV037462.D
Acq: 21 Sep 2024 04:08

Tgt Ion: 75 Resp: 17217
Ion Ratio Lower Upper
75 100
155 81.1 60.6 90.8
157 96.2 81.1 121.7





#69

1,3,5-Trichlorobenzene

Concen: 4.706 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.000 min

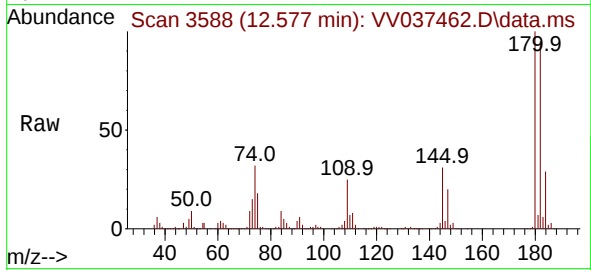
Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 206741

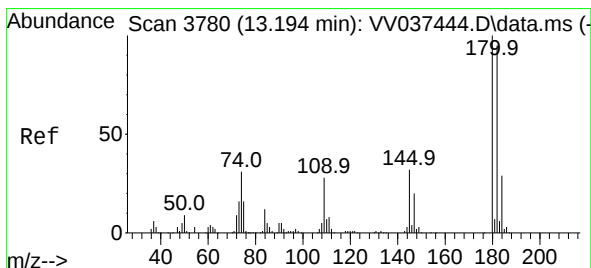
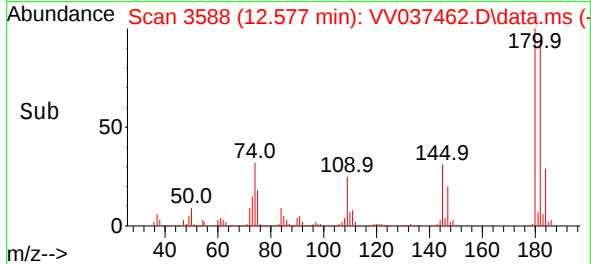
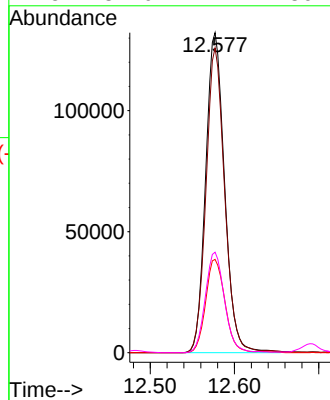
Ion Ratio Lower Upper

180 100

182 93.8 74.3 111.5

184 29.8 24.3 36.5

145 32.0 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 4.968 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.003 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

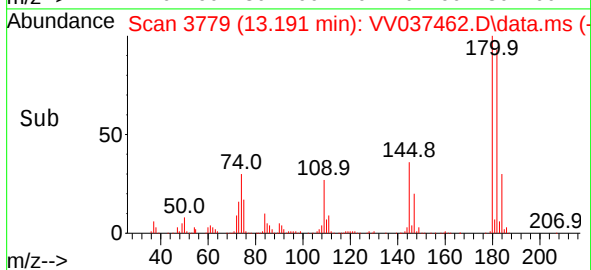
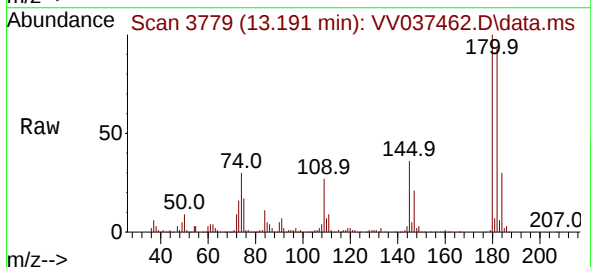
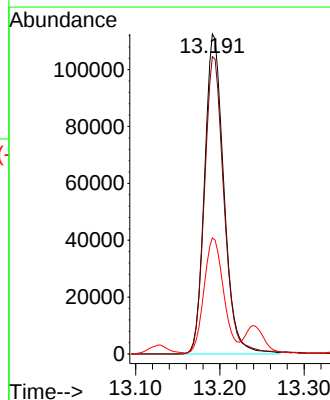
Tgt Ion:180 Resp: 179664

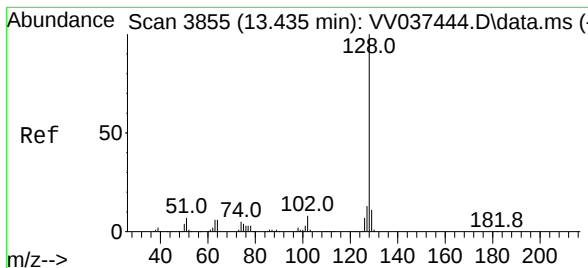
Ion Ratio Lower Upper

180 100

182 93.9 75.4 113.0

145 36.7 25.8 38.6





#71

Naphthalene

Concen: 5.463 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Instrument :

MSVOA_V

ClientSampleId :

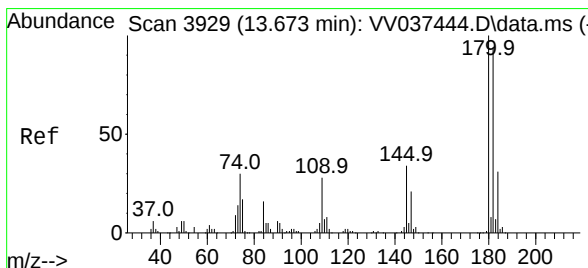
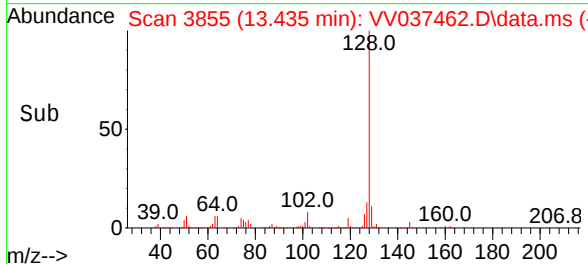
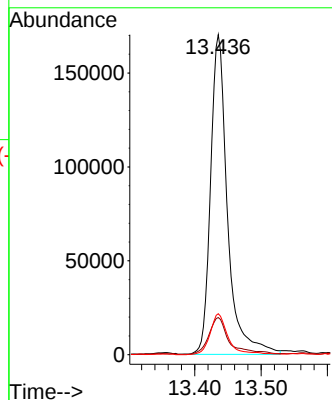
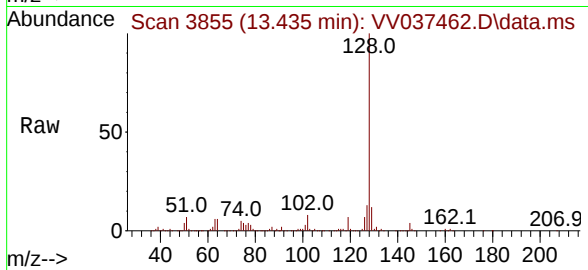
Tgt Ion:128 Resp: 301896

Ion Ratio Lower Upper

128 100

129 13.2 8.6 12.8#

127 13.8 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 5.203 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV037462.D

Acq: 21 Sep 2024 04:08

Tgt Ion:180 Resp: 155687

Ion Ratio Lower Upper

180 100

182 96.1 73.4 110.0

145 44.7 27.2 40.8#

