

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038332.D
 Acq On : 25 Nov 2024 09:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 00:35:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 00:21:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	258745	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	270262	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	146470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	71278	3.594	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.800%
7) Chloroethane-d5	1.529	69	64654	4.030	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.053	65	32361	3.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.806	46	180004	45.371	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.740%
24) Chloroform-d	4.240	84	171412	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.934	65	77440	4.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	4.950	84	299803	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	5.982	67	92601	4.308	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.233	98	276978	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.551	79	34569	4.326	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.021	63	126347	40.674	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.340%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	82557	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.551	152	105969	4.246	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	107615	4.396	ug/L	99
3) Chloromethane	1.214	50	100906	4.787	ug/L	99
5) Vinyl chloride	1.282	62	104575	4.378	ug/L	94
6) Bromomethane	1.484	94	59339	6.371	ug/L	97
8) Chloroethane	1.545	64	65057	4.274	ug/L	99
9) Trichlorofluoromethane	1.709	101	144635	4.255	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	84464	4.354	ug/L	96
12) 1,1-Dichloroethene	2.063	96	77880	4.214	ug/L	92
13) Acetone	2.137	43	123263	42.008	ug/L	100
14) Carbon disulfide	2.233	76	240526	4.040	ug/L	100
15) Methyl Acetate	2.384	43	29820	4.185	ug/L	95
16) Methylene chloride	2.439	84	89773	4.260	ug/L	94
17) Methyl tert-butyl Ether	2.699	73	167467	4.008	ug/L	98
18) trans-1,2-Dichloroethene	2.687	96	82950	4.261	ug/L	98
19) 1,1-Dichloroethane	3.101	63	156232	4.421	ug/L	97
21) 2-Butanone	3.886	43	161669	38.389	ug/L	95
22) cis-1,2-Dichloroethene	3.806	96	83141	4.130	ug/L	95
23) Bromochloromethane	4.140	128	41216	4.193	ug/L	98
25) Chloroform	4.265	83	167408	4.428	ug/L	98

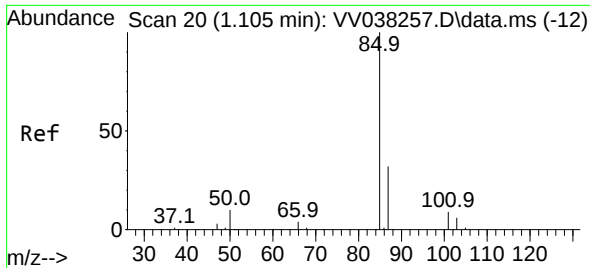
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	94243	4.581	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	141756	4.373	ug/L	97
30) Cyclohexane	4.571	56	112786	4.195	ug/L	97
31) Carbon tetrachloride	4.722	117	126405	4.421	ug/L	98
33) Benzene	5.002	78	341742	4.502	ug/L	100
34) Trichloroethene	5.825	95	89169	4.309	ug/L	99
35) Methylcyclohexane	6.040	83	118472	4.047	ug/L	97
37) 1,2-Dichloropropane	6.085	63	85171	4.479	ug/L	98
38) Bromodichloromethane	6.426	83	111492	4.362	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	112159	4.225	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	432704	43.477	ug/L	96
42) Toluene	7.307	91	369404	4.595	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	99502	4.437	ug/L	95
45) 1,1,2-Trichloroethane	7.760	97	65475	4.246	ug/L	97
47) Tetrachloroethene	7.895	164	71878	4.322	ug/L	97
48) 2-Hexanone	8.069	43	308081	42.688	ug/L	98
49) Dibromochloromethane	8.165	129	71673	4.263	ug/L	98
50) 1,2-Dibromoethane	8.278	107	60809	4.253	ug/L	98
51) Chlorobenzene	8.805	112	240330	4.339	ug/L	98
52) Ethylbenzene	8.937	91	368346	4.319	ug/L	98
53) m,p-Xylene	9.066	106	145276	4.514	ug/L	99
54) o-Xylene	9.471	106	135992	4.340	ug/L	93
55) Styrene	9.490	104	247793	4.486	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	78036	4.328	ug/L	96
59) Bromoform	9.661	173	34427	4.039	ug/L	97
60) Isopropylbenzene	9.857	105	366567	4.345	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	53260	4.247	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	273621	4.087	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	278534	4.172	ug/L	100
64) 1,3-Dichlorobenzene	11.108	146	191534	4.228	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	202655	4.425	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	180579	4.307	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	11487	4.081	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	131149	4.087	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	99522	3.752	ug/L	98
71) Naphthalene	13.432	128	127145	3.081	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	89410	3.648	ug/L	99

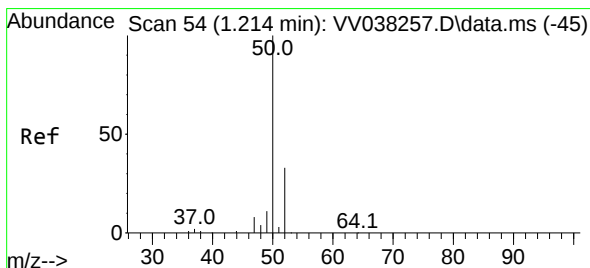
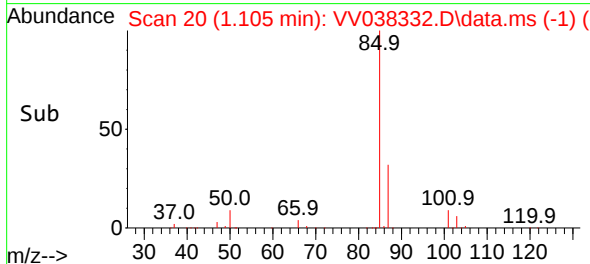
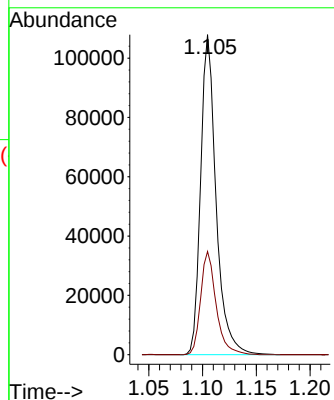
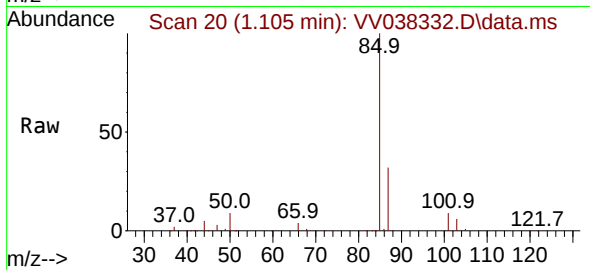
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#2
Dichlorodifluoromethane
Concen: 4.396 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

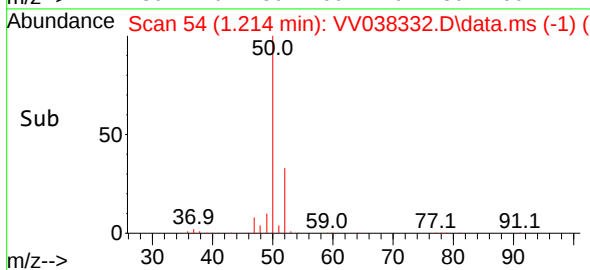
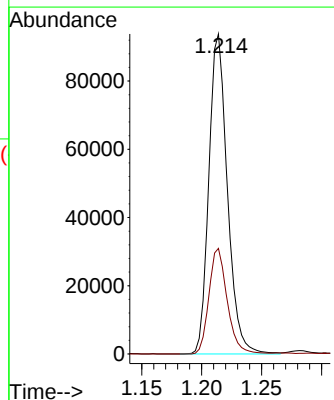
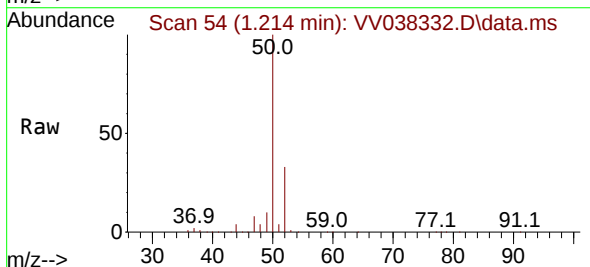
Instrument :
MSVOA_V
ClientSampleId :

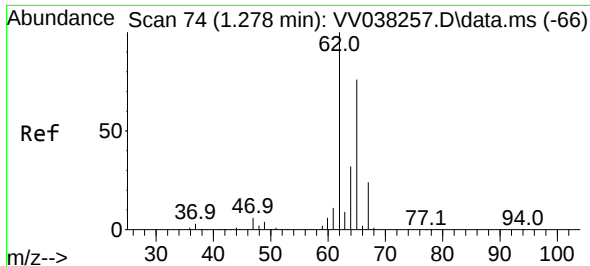
Tgt Ion: 85 Resp: 107615
Ion Ratio Lower Upper
85 100
87 32.4 26.5 39.7



#3
Chloromethane
Concen: 4.787 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

Tgt Ion: 50 Resp: 100906
Ion Ratio Lower Upper
50 100
52 33.0 23.5 43.7

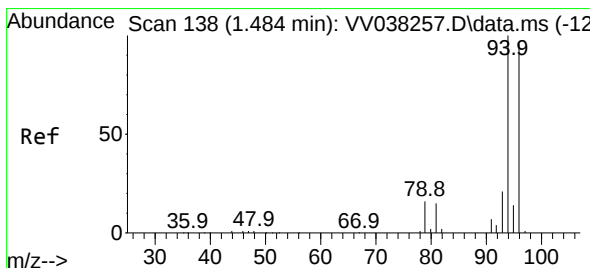
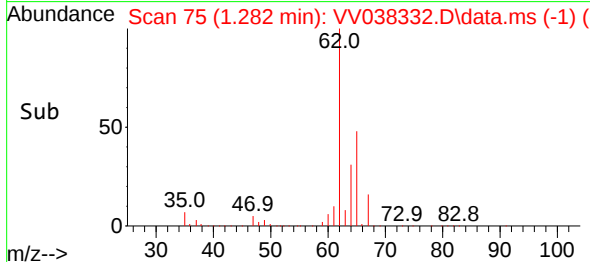
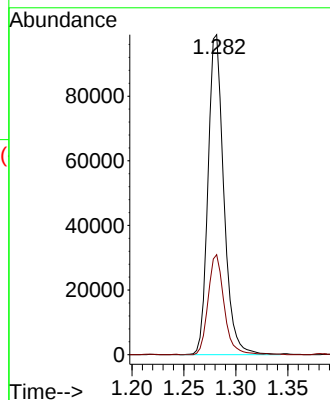
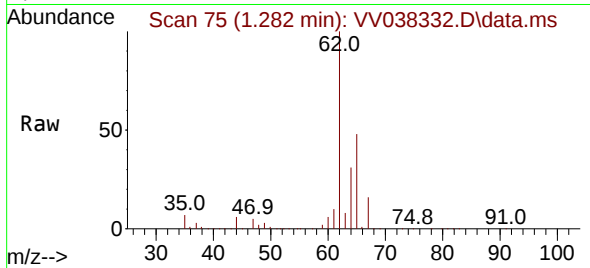




#5
 Vinyl chloride
 Concen: 4.378 ug/L
 RT: 1.282 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV038332.D
 Acq: 25 Nov 2024 09:24

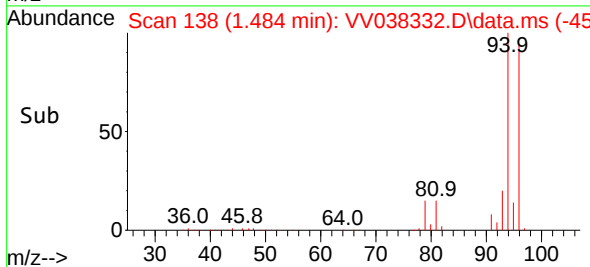
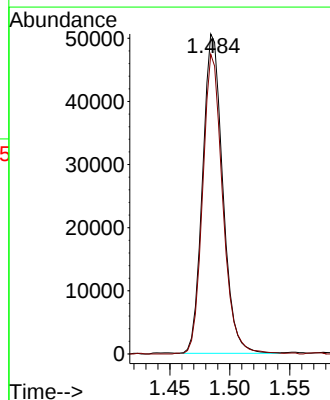
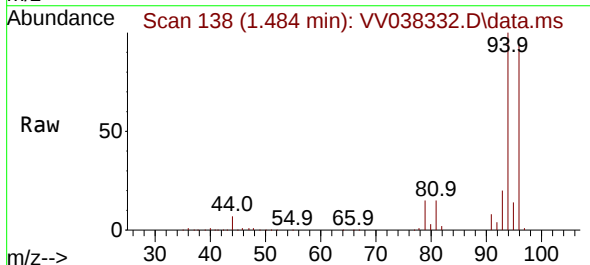
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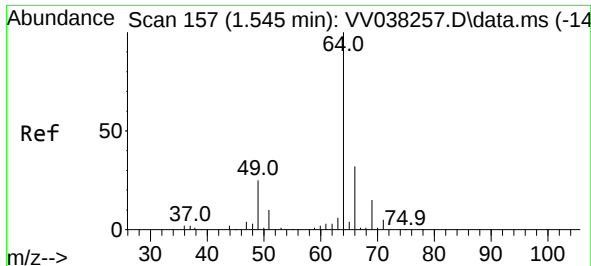
Tgt Ion: 62 Resp: 104575
 Ion Ratio Lower Upper
 62 100
 64 31.3 24.4 45.4



#6
 Bromomethane
 Concen: 6.371 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV038332.D
 Acq: 25 Nov 2024 09:24

Tgt Ion: 94 Resp: 59339
 Ion Ratio Lower Upper
 94 100
 96 93.6 63.7 118.3

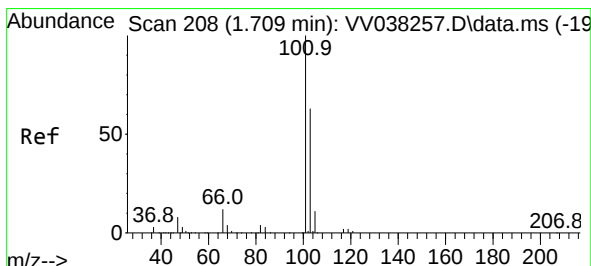
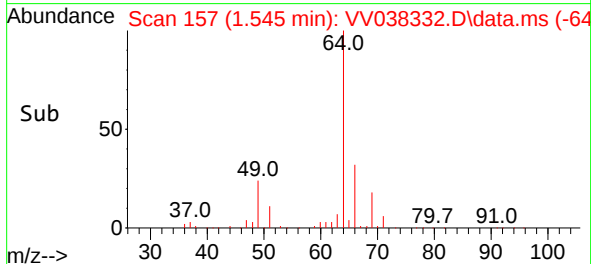
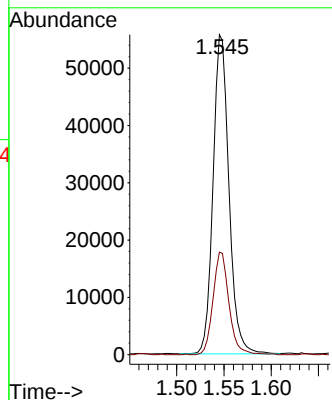
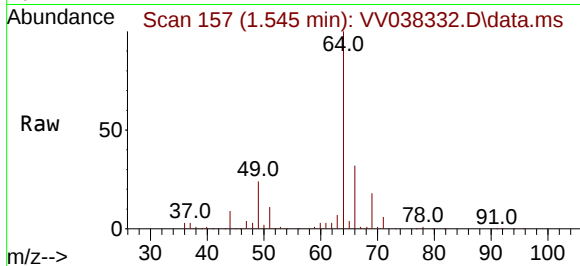




#8
Chloroethane
Concen: 4.274 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

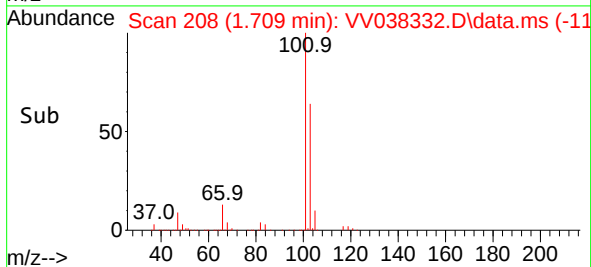
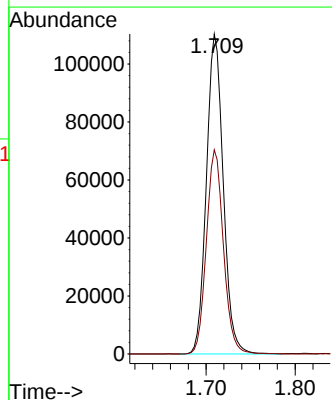
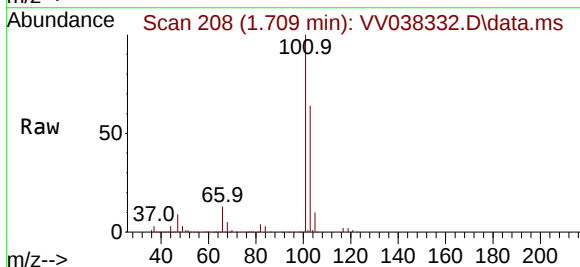
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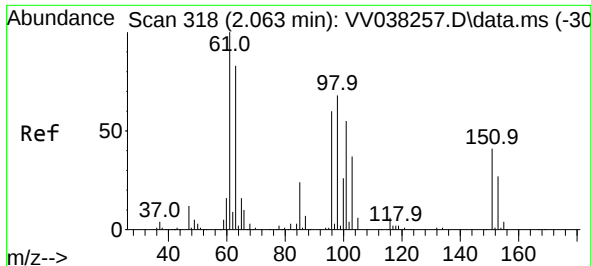
Tgt Ion: 64 Resp: 65057
Ion Ratio Lower Upper
64 100
66 32.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.255 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

Tgt Ion:101 Resp: 144635
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

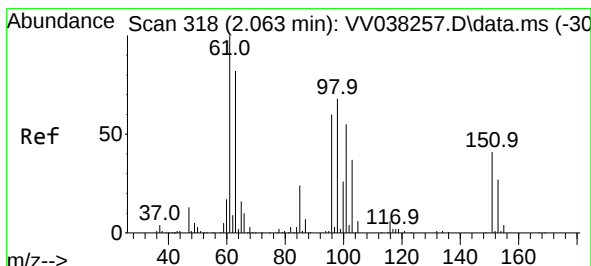
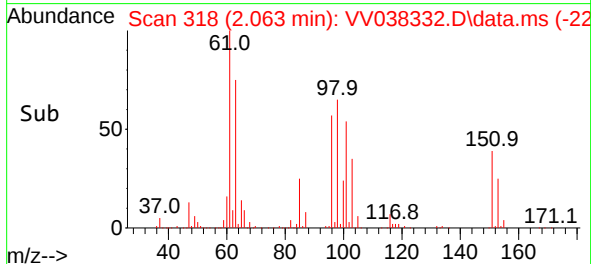
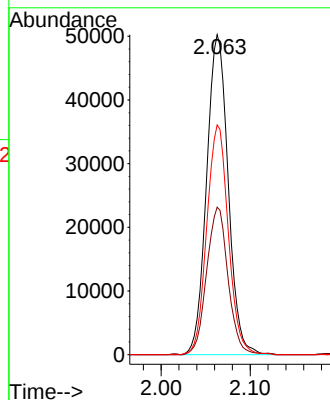
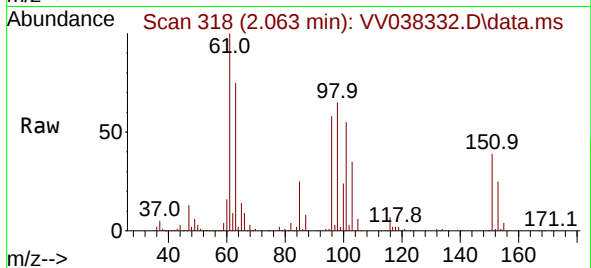




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.354 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038332.D
 Acq: 25 Nov 2024 09:24

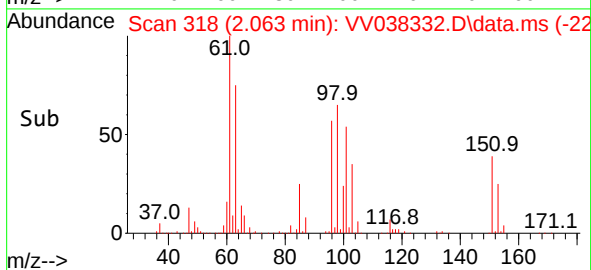
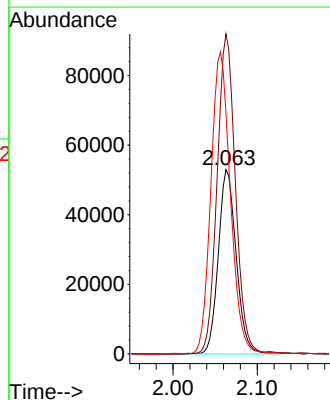
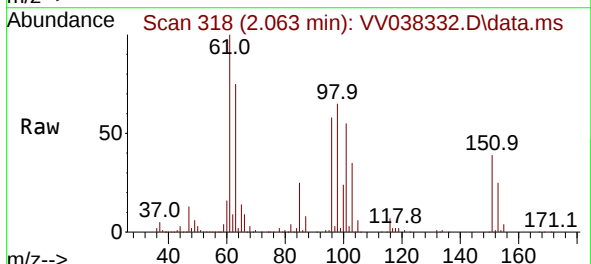
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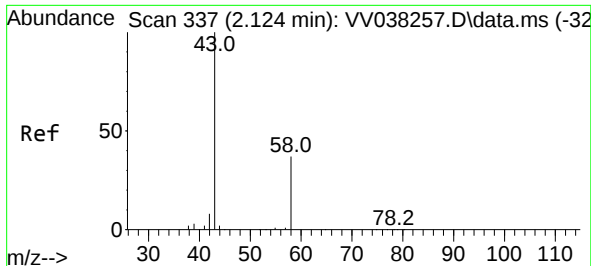
Tgt Ion:101 Resp: 84464
 Ion Ratio Lower Upper
 101 100
 85 45.7 33.4 50.0
 151 71.7 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 4.214 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038332.D
 Acq: 25 Nov 2024 09:24

Tgt Ion: 96 Resp: 77880
 Ion Ratio Lower Upper
 96 100
 61 173.5 115.7 214.9
 63 130.7 101.1 187.7





#13

Acetone

Concen: 42.008 ug/L

RT: 2.137 min Scan# 341

Delta R.T. 0.019 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

Instrument :

MSVOA_V

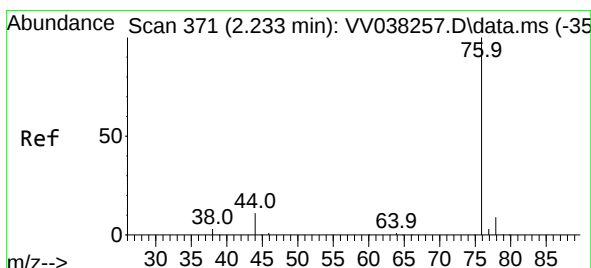
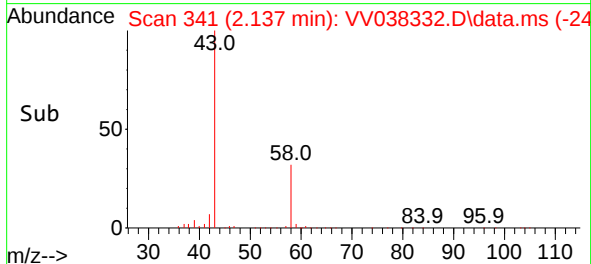
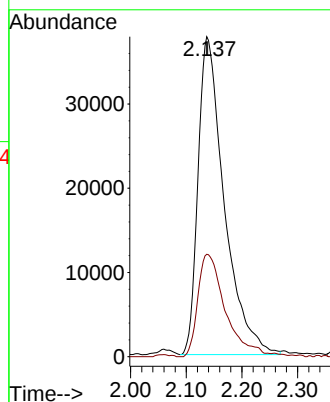
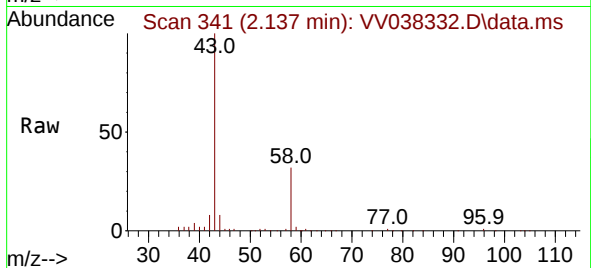
ClientSampleId :

Tgt Ion: 43 Resp: 123263

Ion Ratio Lower Upper

43 100

58 33.7 0.0 67.2



#14

Carbon disulfide

Concen: 4.040 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV038332.D

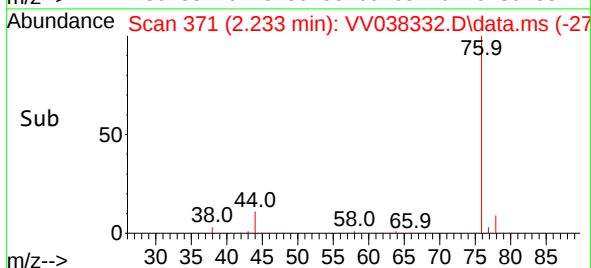
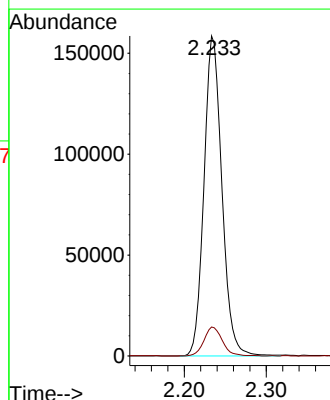
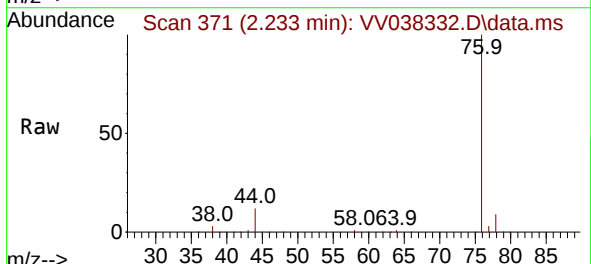
Acq: 25 Nov 2024 09:24

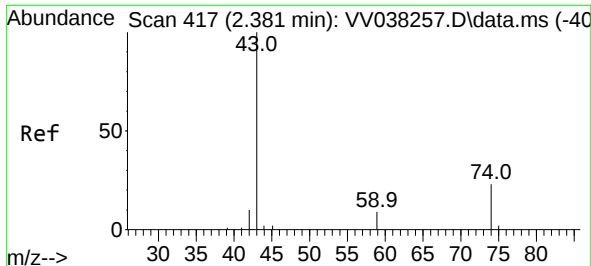
Tgt Ion: 76 Resp: 240526

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0





#15

Methyl Acetate

Concen: 4.185 ug/L

RT: 2.384 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

Instrument :

MSVOA_V

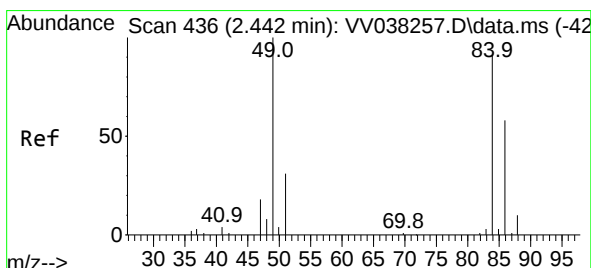
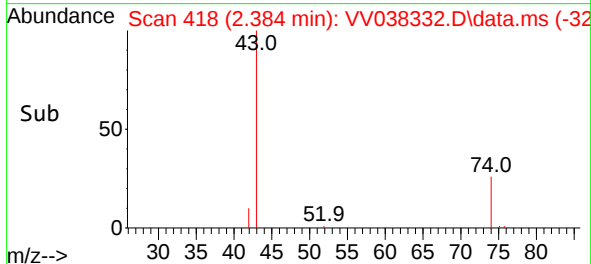
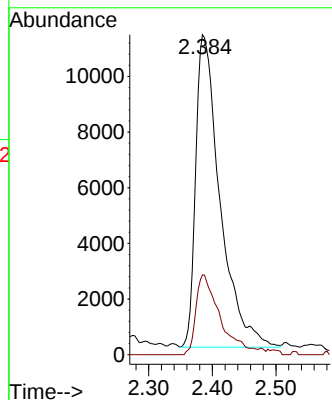
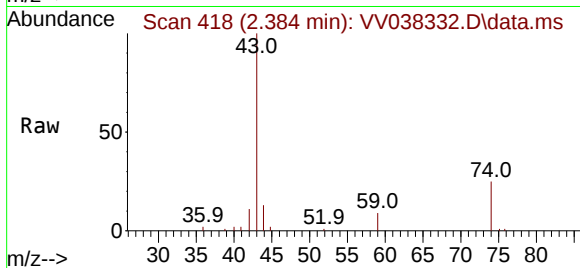
ClientSampleId :

Tgt Ion: 43 Resp: 29820

Ion Ratio Lower Upper

43 100

74 25.4 22.4 33.6



#16

Methylene chloride

Concen: 4.260 ug/L

RT: 2.439 min Scan# 435

Delta R.T. -0.003 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

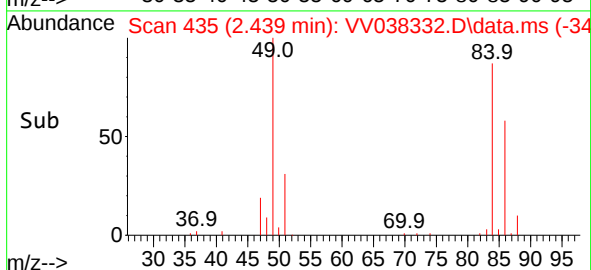
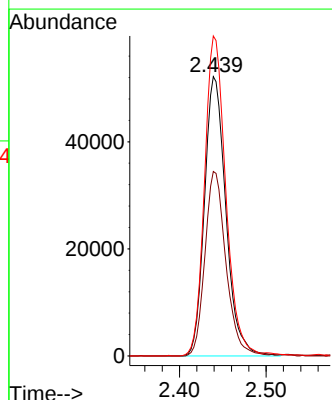
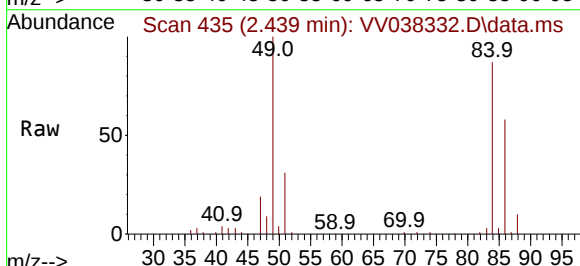
Tgt Ion: 84 Resp: 89773

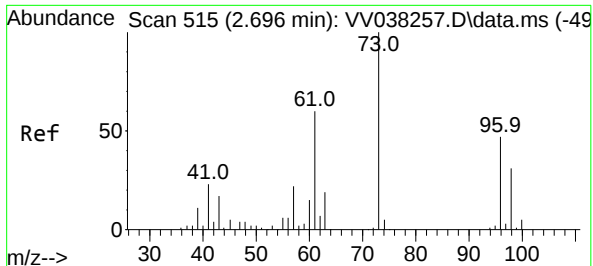
Ion Ratio Lower Upper

84 100

86 66.0 44.2 82.2

49 114.5 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 4.008 ug/L

RT: 2.699 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :

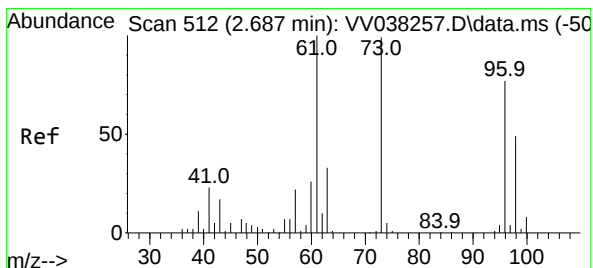
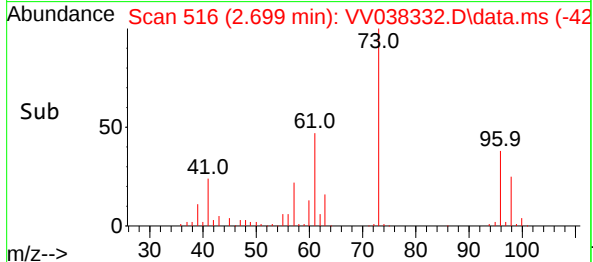
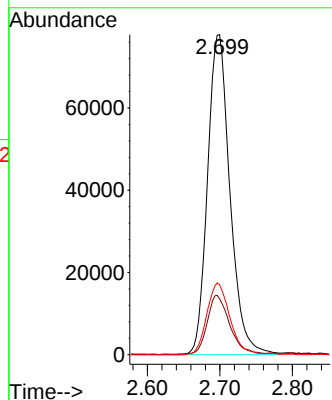
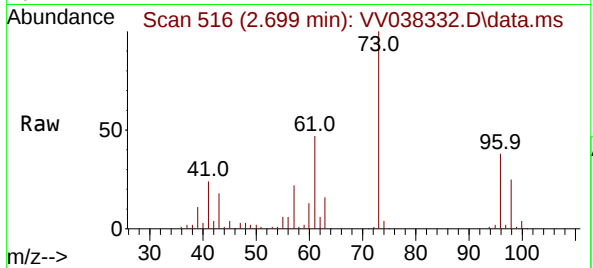
Tgt Ion: 73 Resp: 167467

Ion Ratio Lower Upper

73 100

43 18.3 14.2 21.2

57 22.8 17.6 26.4



#18

trans-1,2-Dichloroethene

Concen: 4.261 ug/L

RT: 2.687 min Scan# 512

Delta R.T. -0.003 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

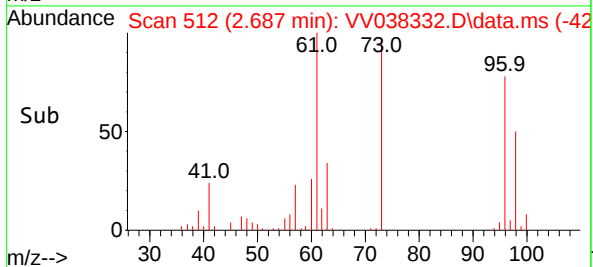
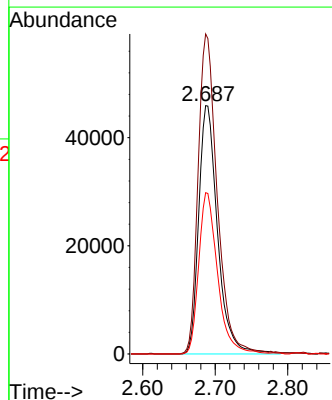
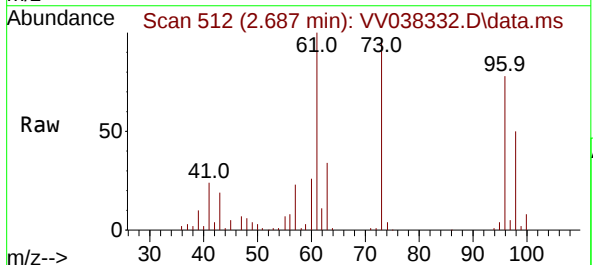
Tgt Ion: 96 Resp: 82950

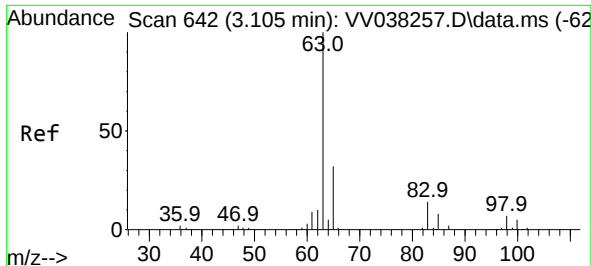
Ion Ratio Lower Upper

96 100

61 128.9 88.5 164.4

98 64.9 43.9 81.5

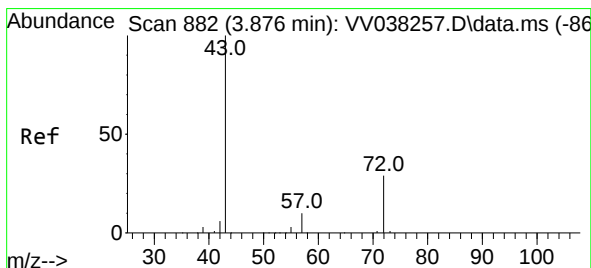
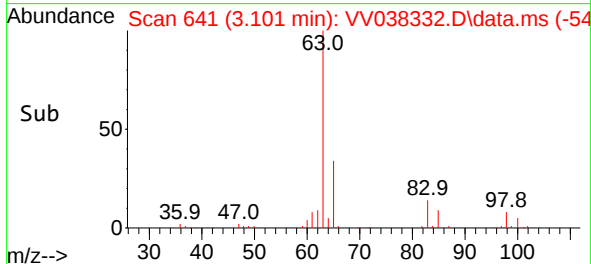
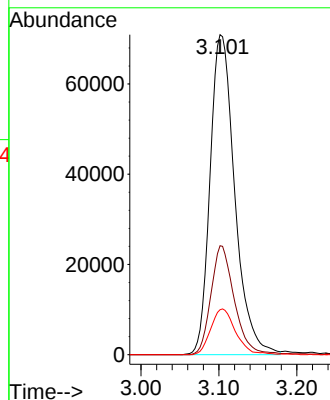
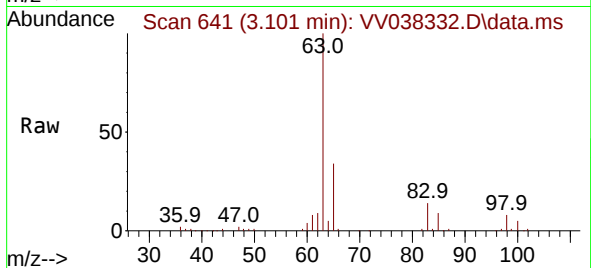




#19
1,1-Dichloroethane
Concen: 4.421 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.003 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

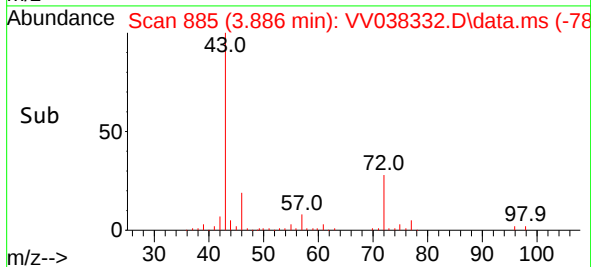
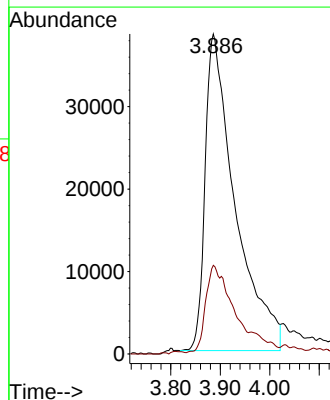
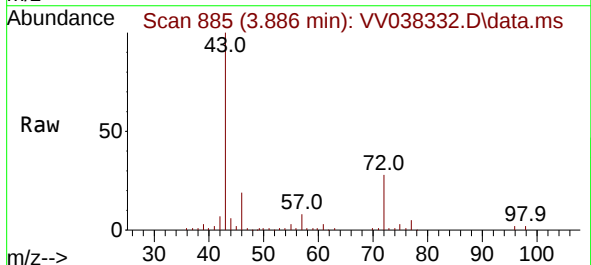
Instrument :
MSVOA_V
ClientSampleId :

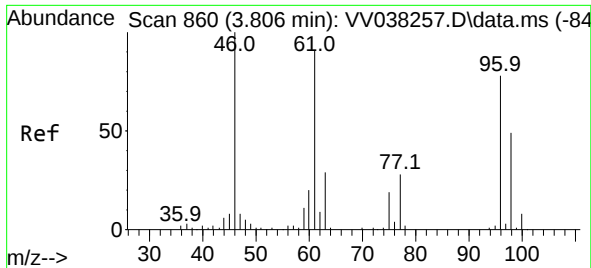
Tgt Ion: 63 Resp: 156232
Ion Ratio Lower Upper
63 100
65 34.0 22.5 41.7
83 14.1 10.1 18.9



#21
2-Butanone
Concen: 38.389 ug/L
RT: 3.886 min Scan# 885
Delta R.T. 0.016 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

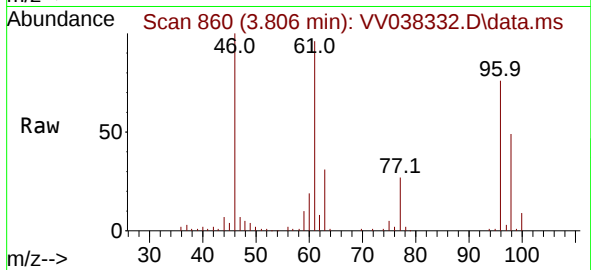
Tgt Ion: 43 Resp: 161669
Ion Ratio Lower Upper
43 100
72 23.6 13.0 39.0



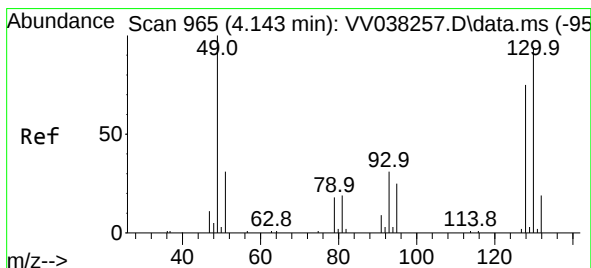
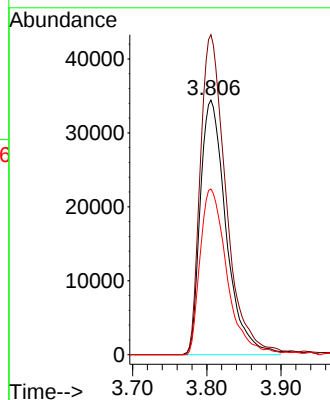
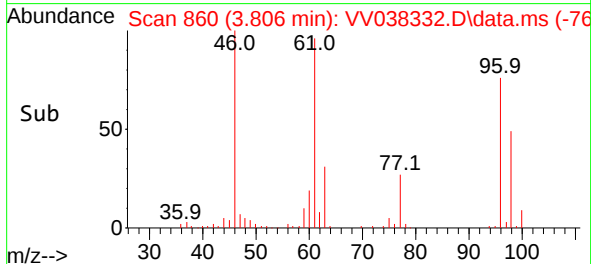


#22
 cis-1,2-Dichloroethene
 Concen: 4.130 ug/L
 RT: 3.806 min Scan# 860
 Delta R.T. -0.000 min
 Lab File: VV038332.D
 Acq: 25 Nov 2024 09:24

Instrument :
 MSVOA_V
 ClientSampleId :

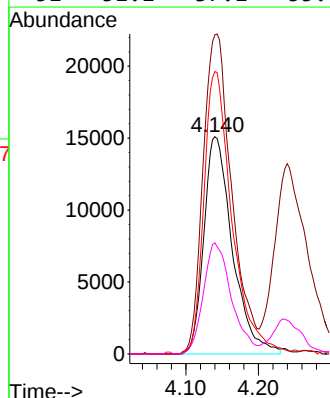
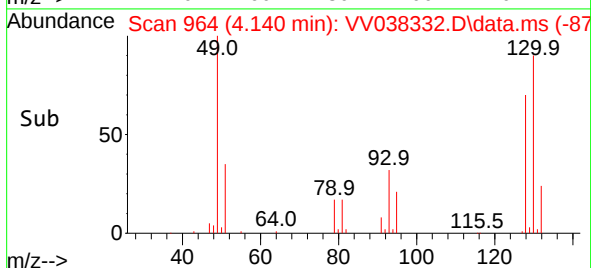
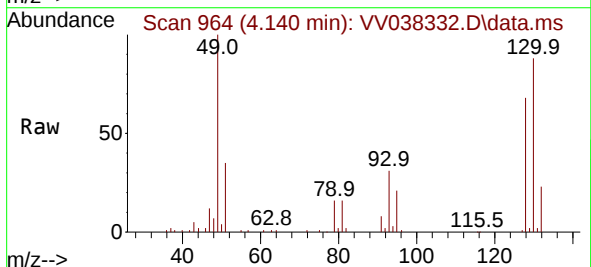


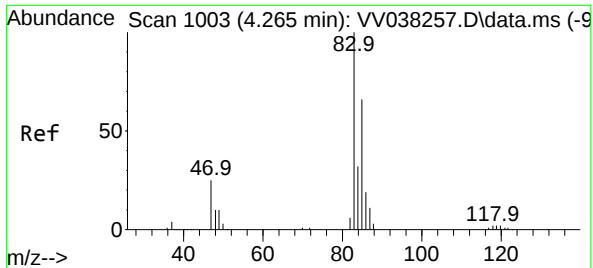
Tgt Ion: 96 Resp: 83141
 Ion Ratio Lower Upper
 96 100
 61 125.7 82.7 153.5
 98 65.1 46.3 85.9



#23
 Bromochloromethane
 Concen: 4.193 ug/L
 RT: 4.140 min Scan# 964
 Delta R.T. -0.000 min
 Lab File: VV038332.D
 Acq: 25 Nov 2024 09:24

Tgt Ion: 128 Resp: 41216
 Ion Ratio Lower Upper
 128 100
 49 146.9 102.8 190.8
 130 130.0 93.6 173.8
 51 51.1 37.1 55.7

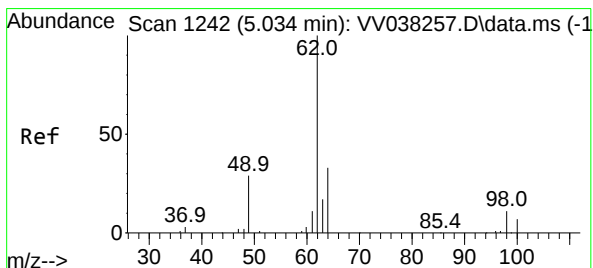
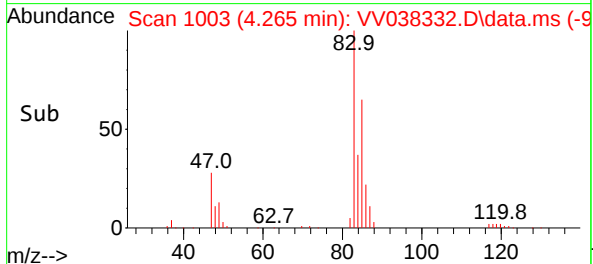
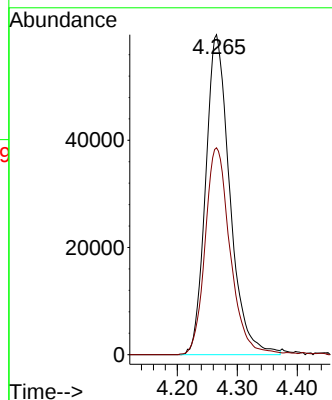
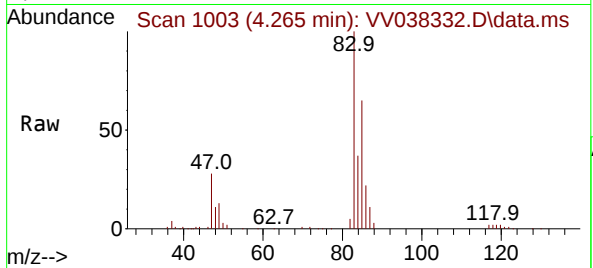




#25
Chloroform
Concen: 4.428 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. -0.003 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

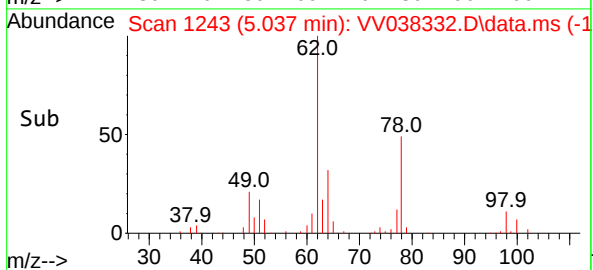
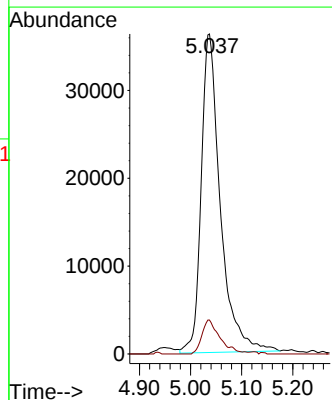
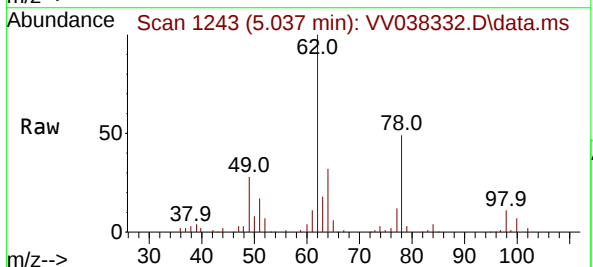
Instrument :
MSVOA_V
ClientSampleId :

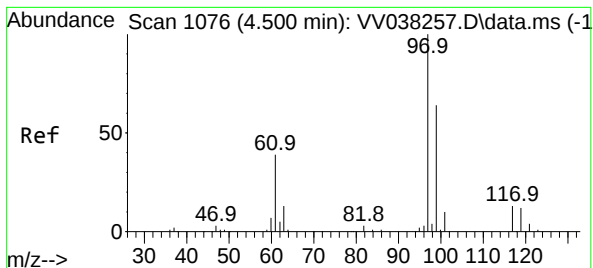
Tgt Ion: 83 Resp: 167408
Ion Ratio Lower Upper
83 100
85 64.7 46.5 86.3



#27
1,2-Dichloroethane
Concen: 4.581 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

Tgt Ion: 62 Resp: 94243
Ion Ratio Lower Upper
62 100
98 10.6 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.373 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :

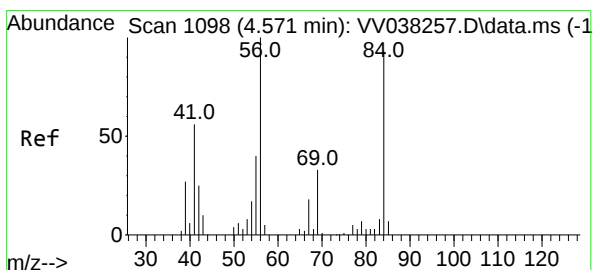
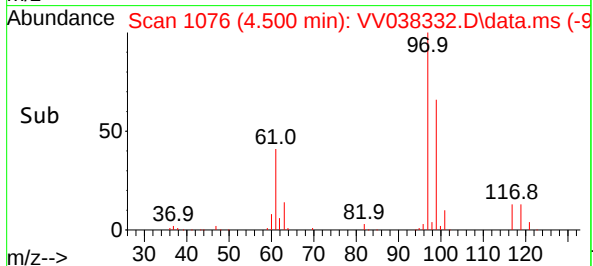
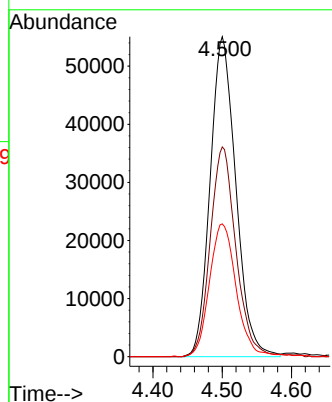
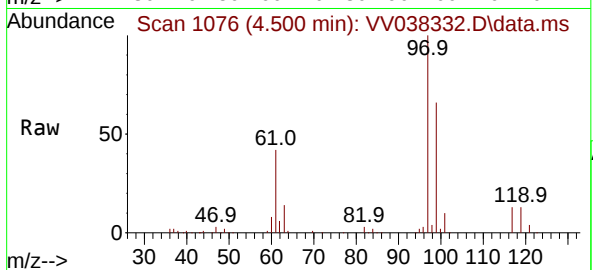
Tgt Ion: 97 Resp: 141756

Ion Ratio Lower Upper

97 100

99 65.7 51.8 77.8

61 43.5 32.2 48.2



#30

Cyclohexane

Concen: 4.195 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

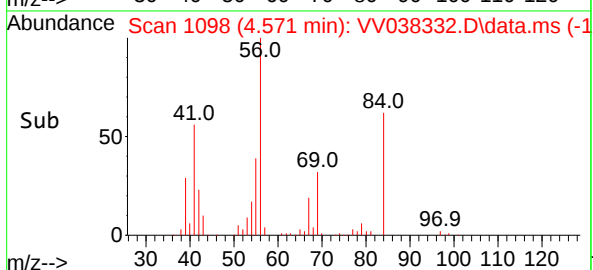
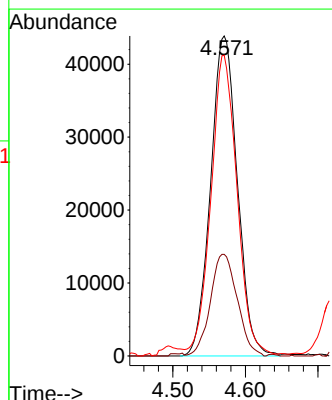
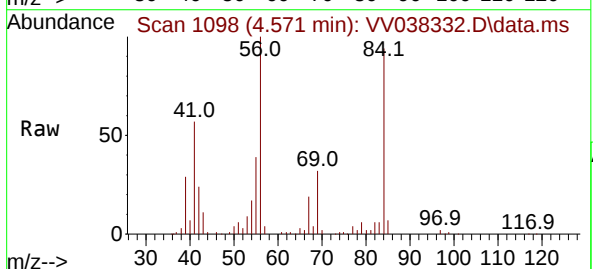
Tgt Ion: 56 Resp: 112786

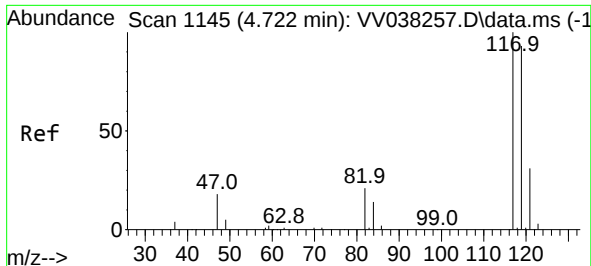
Ion Ratio Lower Upper

56 100

69 31.8 26.0 39.0

84 90.8 75.6 113.4

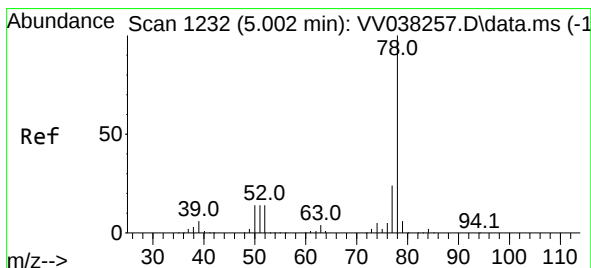
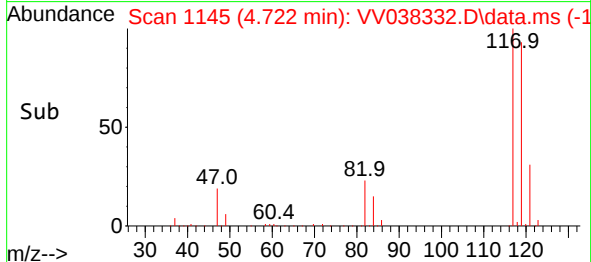
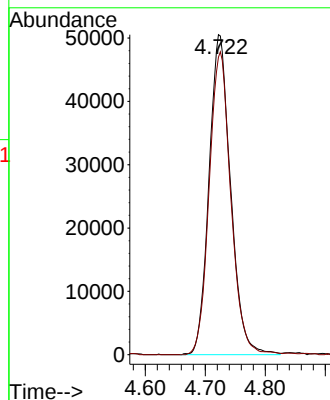
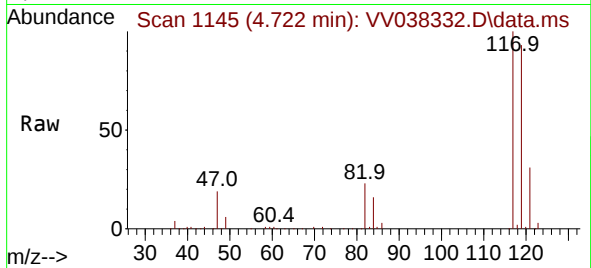




#31
Carbon tetrachloride
Concen: 4.421 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

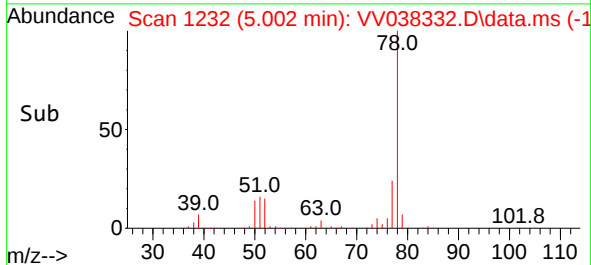
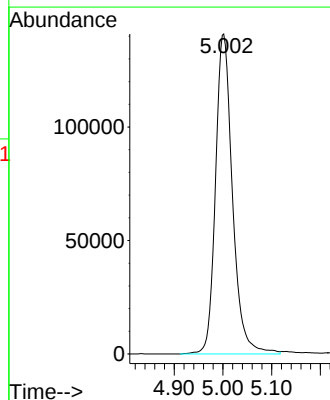
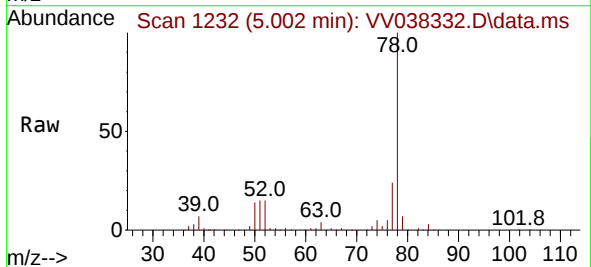
Instrument :
MSVOA_V
ClientSampleId :

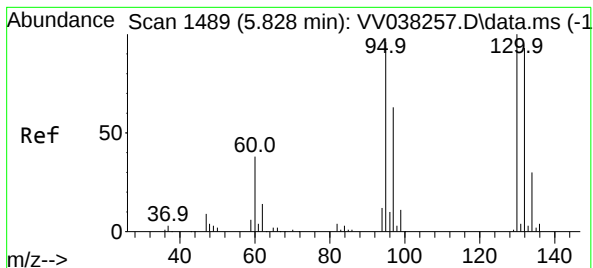
Tgt Ion:117 Resp: 126405
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.2



#33
Benzene
Concen: 4.502 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

Tgt Ion: 78 Resp: 341742





#34

Trichloroethene

Concen: 4.309 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 89169

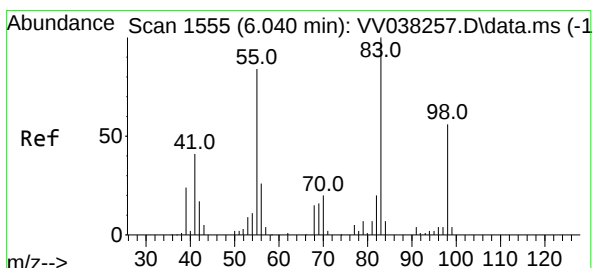
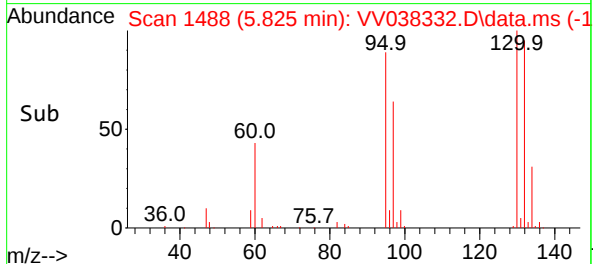
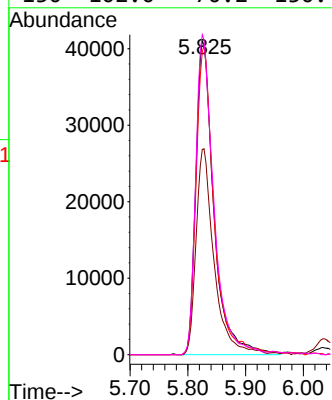
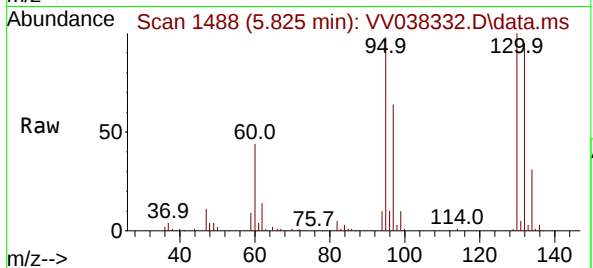
Ion Ratio Lower Upper

95 100

97 65.5 44.8 83.2

132 96.6 68.3 126.8

130 102.0 70.2 130.4



#35

Methylcyclohexane

Concen: 4.047 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

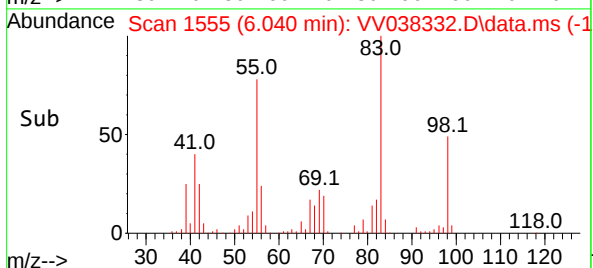
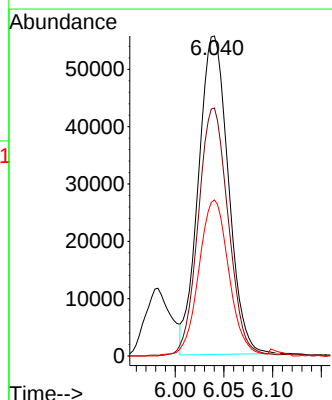
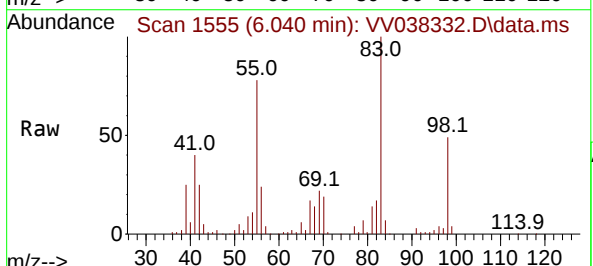
Tgt Ion: 83 Resp: 118472

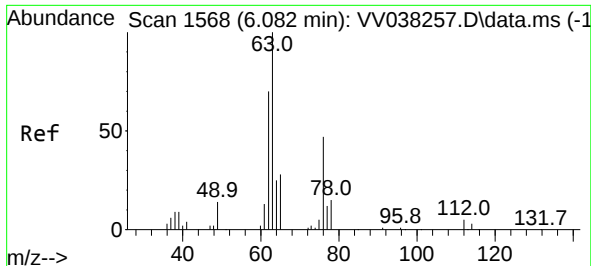
Ion Ratio Lower Upper

83 100

55 77.9 59.7 89.5

98 49.4 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.479 ug/L

RT: 6.085 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

Instrument :

MSVOA_V

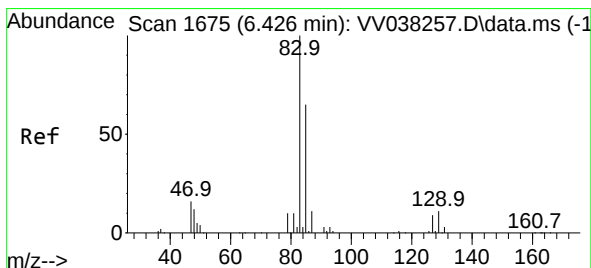
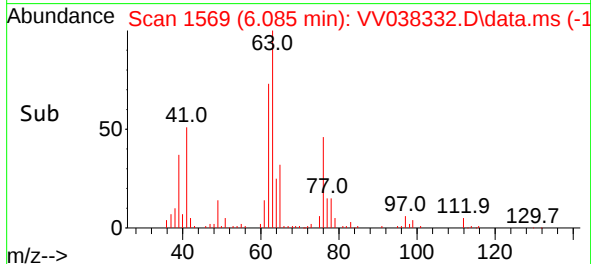
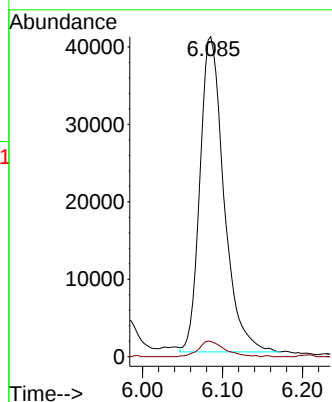
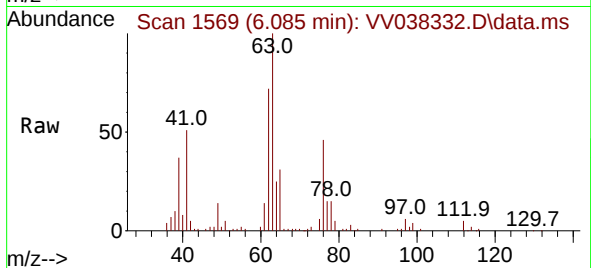
ClientSampleId :

Tgt Ion: 63 Resp: 85171

Ion Ratio Lower Upper

63 100

112 5.4 3.9 5.9



#38

Bromodichloromethane

Concen: 4.362 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

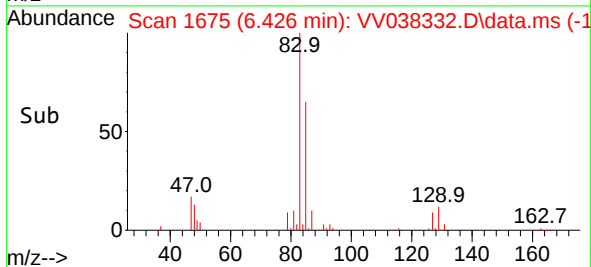
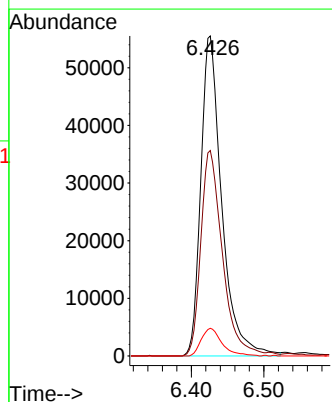
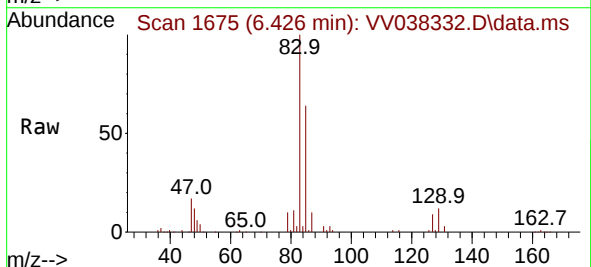
Tgt Ion: 83 Resp: 111492

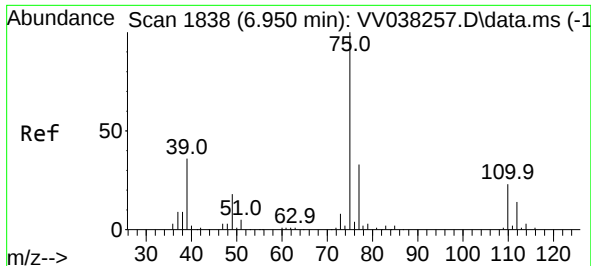
Ion Ratio Lower Upper

83 100

85 64.2 43.9 81.5

127 8.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.225 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.000 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

Instrument :

MSVOA_V

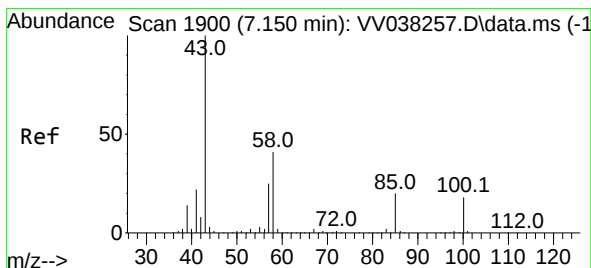
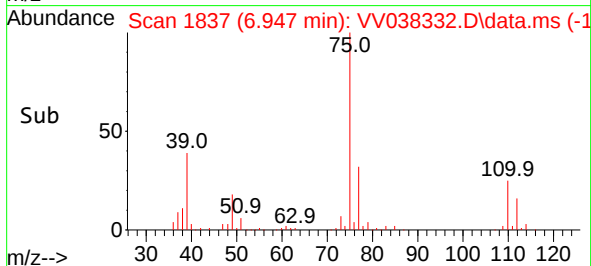
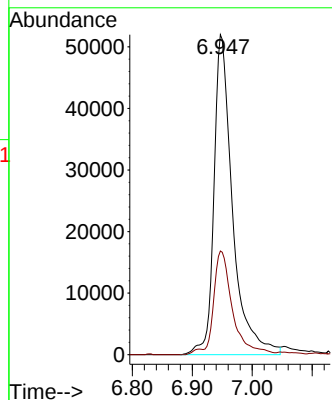
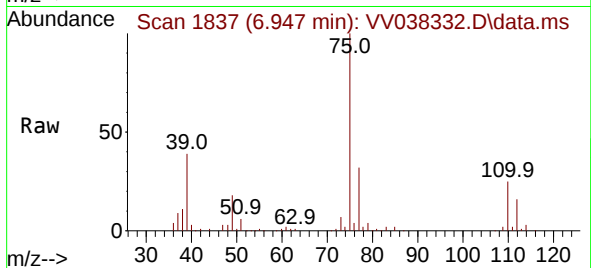
ClientSampleId :

Tgt Ion: 75 Resp: 112159

Ion Ratio Lower Upper

75 100

77 32.4 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 43.477 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

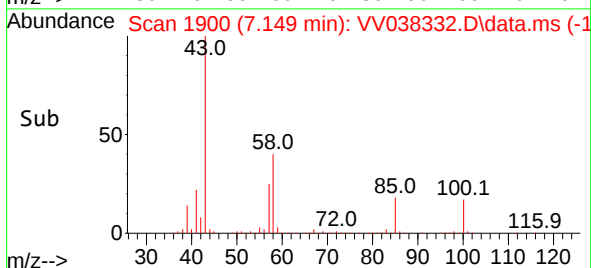
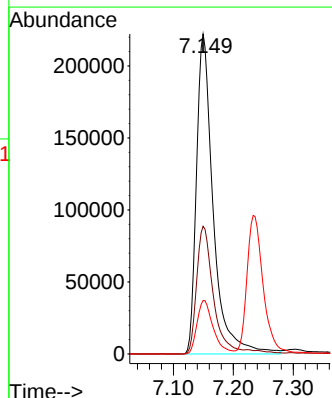
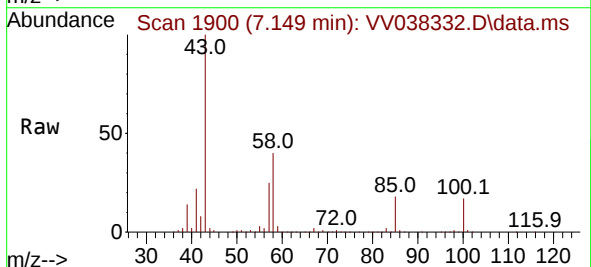
Tgt Ion: 43 Resp: 432704

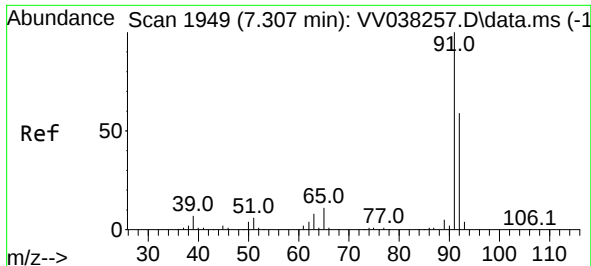
Ion Ratio Lower Upper

43 100

58 39.3 33.4 50.2

100 16.2 14.3 21.5





#42

Toluene

Concen: 4.595 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

Instrument :

MSVOA_V

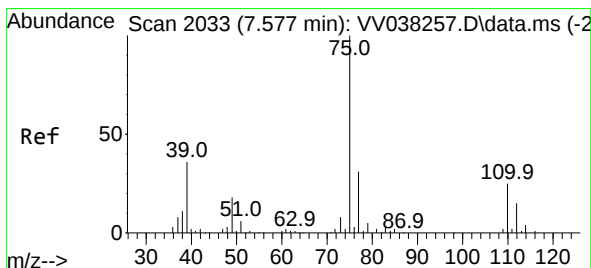
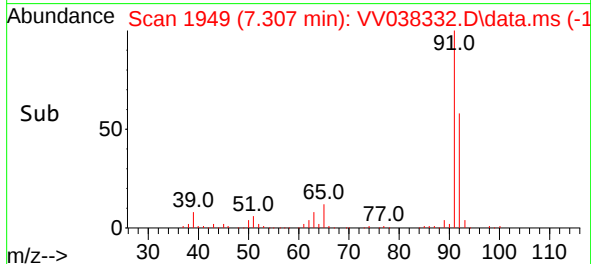
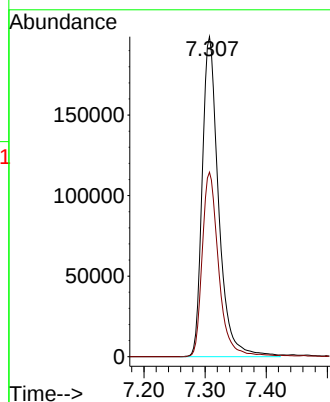
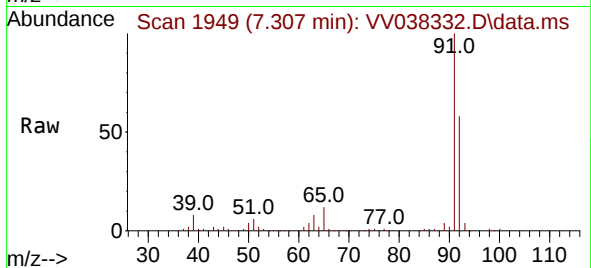
ClientSampleId :

Tgt Ion: 91 Resp: 369404

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.437 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV038332.D

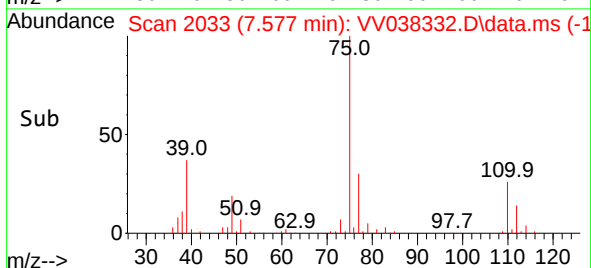
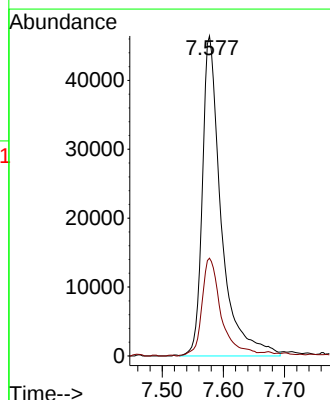
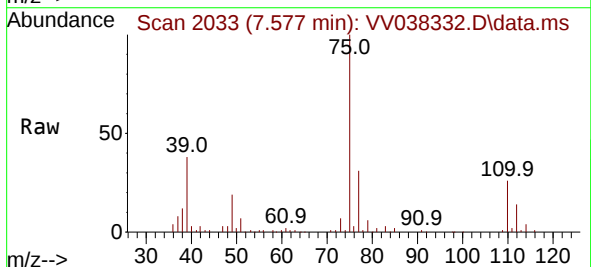
Acq: 25 Nov 2024 09:24

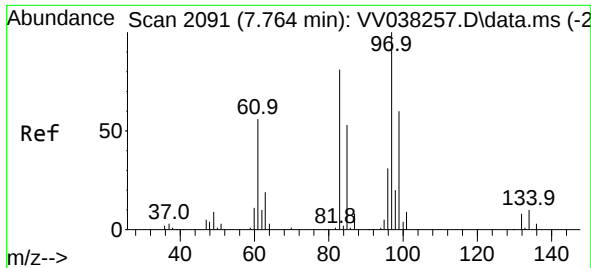
Tgt Ion: 75 Resp: 99502

Ion Ratio Lower Upper

75 100

77 30.6 23.4 43.4

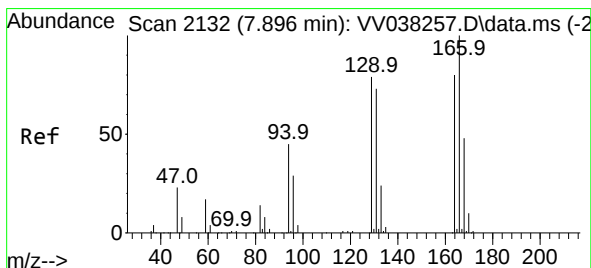
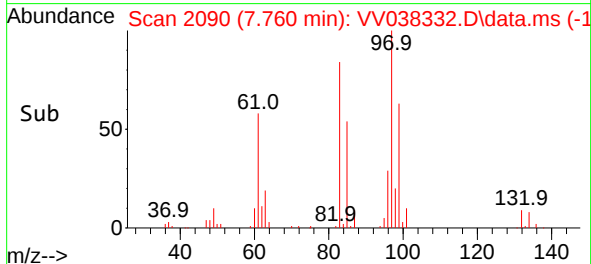
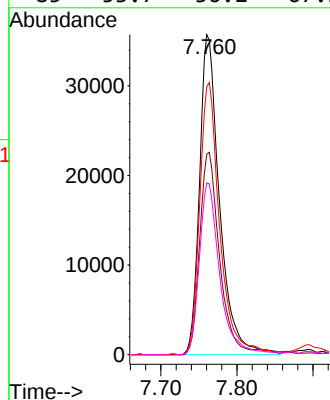
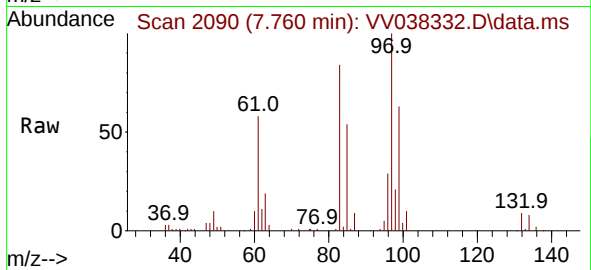




#45
1,1,2-Trichloroethane
Concen: 4.246 ug/L
RT: 7.760 min Scan# 2091
Delta R.T. -0.003 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

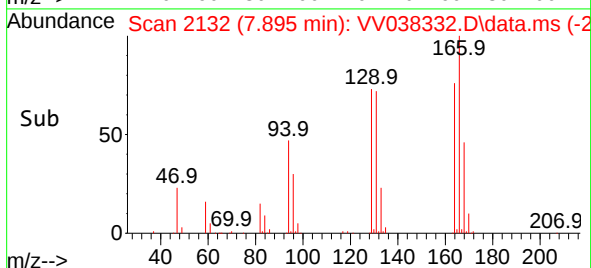
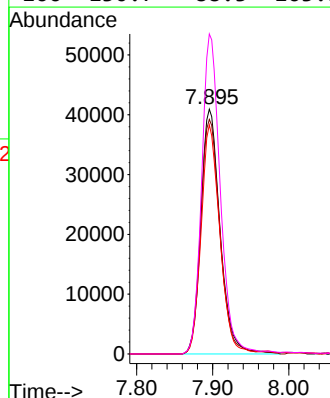
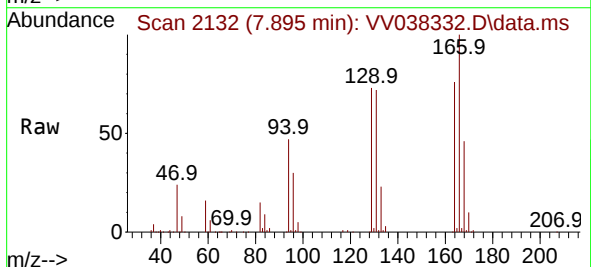
Instrument :
MSVOA_V
ClientSampleId :

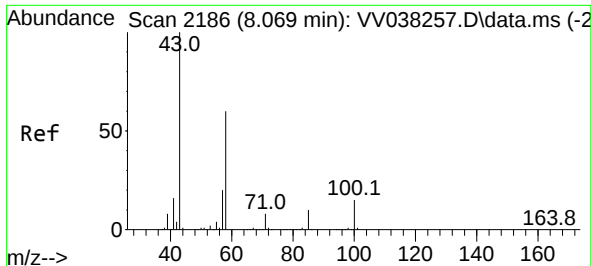
Tgt Ion:	97	Resp:	65475
Ion	Ratio	Lower	Upper
97	100		
99	62.6	41.9	77.7
83	83.8	57.7	107.1
85	53.7	36.2	67.2



#47
Tetrachloroethene
Concen: 4.322 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.003 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

Tgt Ion:	164	Resp:	71878
Ion	Ratio	Lower	Upper
164	100		
129	95.8	68.5	127.1
131	93.6	64.8	120.4
166	130.7	88.3	163.9

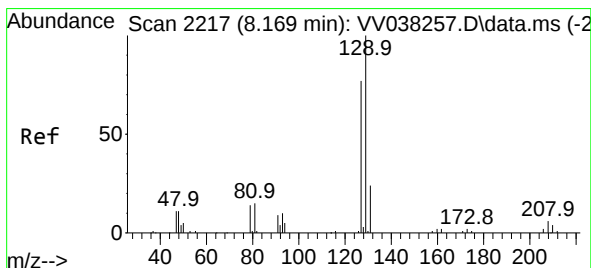
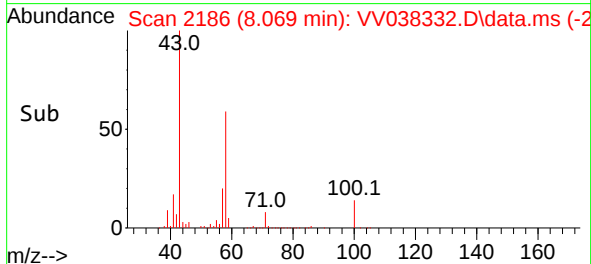
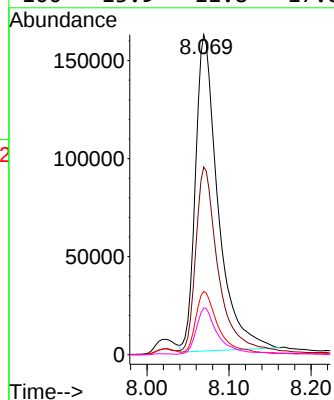
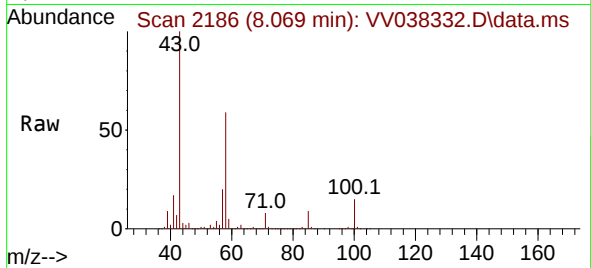




#48
2-Hexanone
Concen: 42.688 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

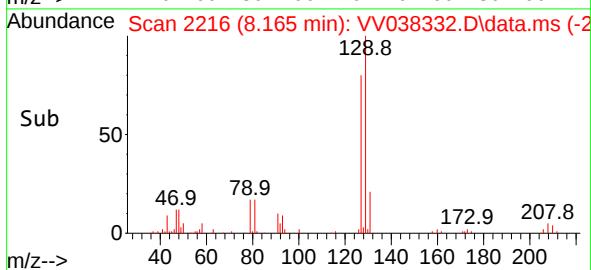
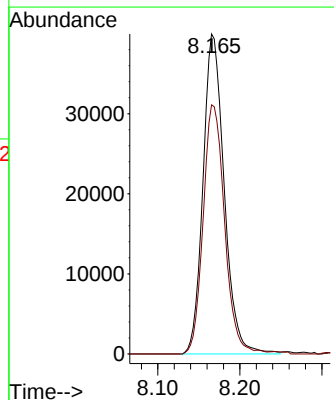
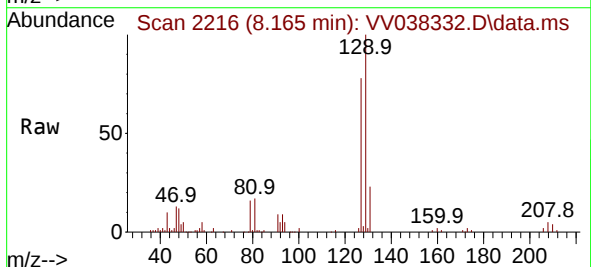
Instrument :
MSVOA_V
ClientSampleId :

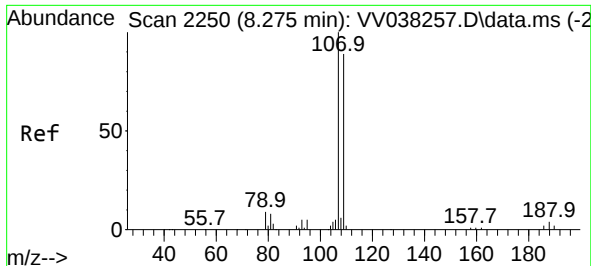
Tgt Ion: 43 Resp: 308081
Ion Ratio Lower Upper
43 100
58 60.2 49.2 73.8
57 19.2 16.9 25.3
100 13.9 11.8 17.8



#49
Dibromochloromethane
Concen: 4.263 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

Tgt Ion: 129 Resp: 71673
Ion Ratio Lower Upper
129 100
127 77.8 53.5 99.3





#50

1,2-Dibromoethane

Concen: 4.253 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.003 min

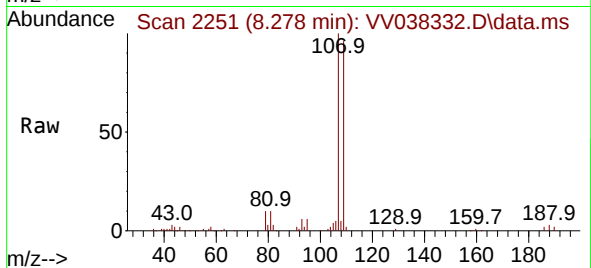
Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :



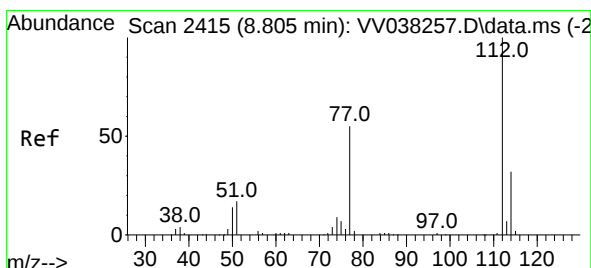
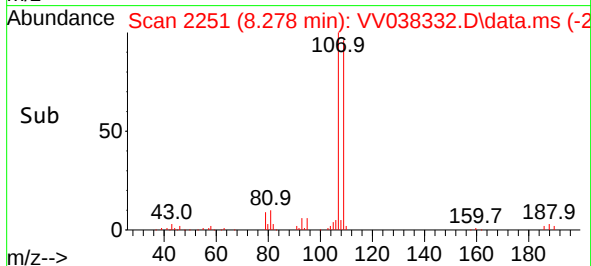
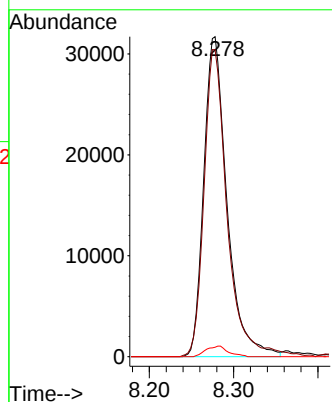
Tgt Ion:107 Resp: 60809

Ion Ratio Lower Upper

107 100

109 96.0 66.1 122.7

188 2.9 2.6 3.8



#51

Chlorobenzene

Concen: 4.339 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. -0.000 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

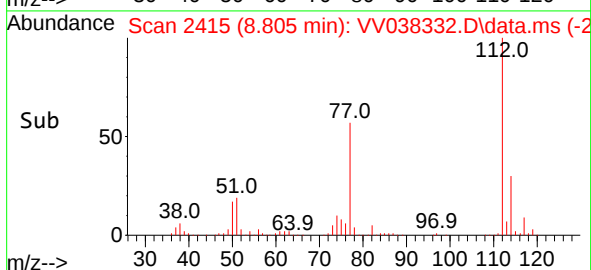
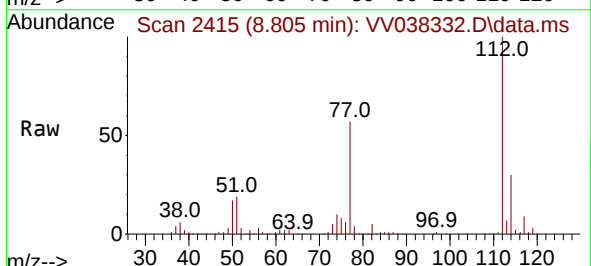
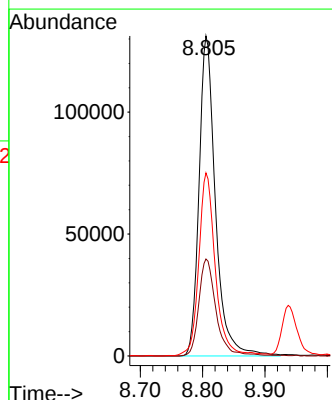
Tgt Ion:112 Resp: 240330

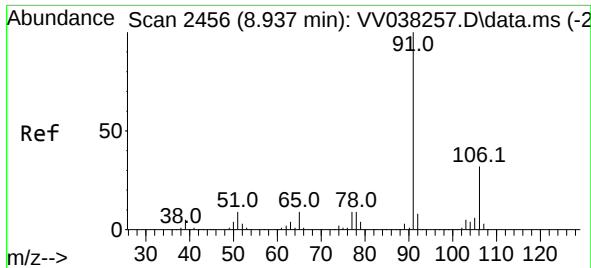
Ion Ratio Lower Upper

112 100

114 30.3 22.0 40.8

77 57.2 45.0 67.4

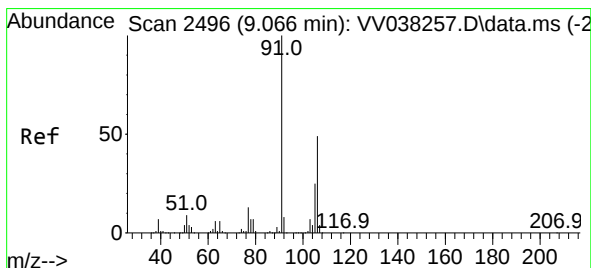
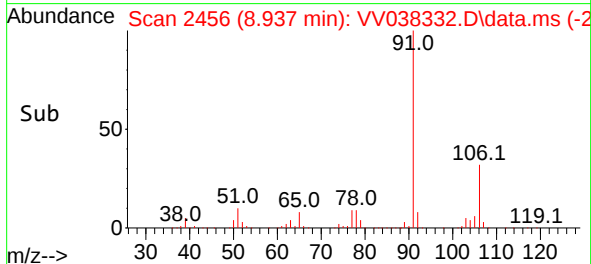
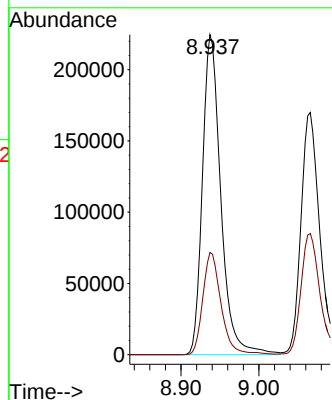
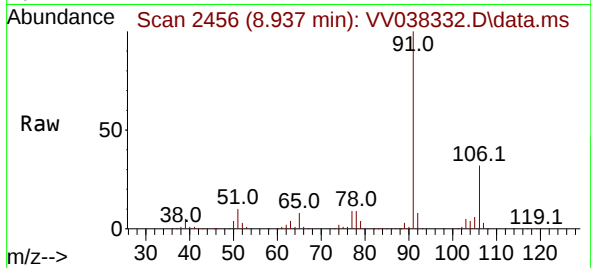




#52
Ethylbenzene
Concen: 4.319 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

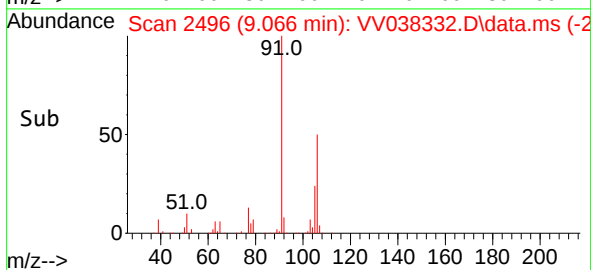
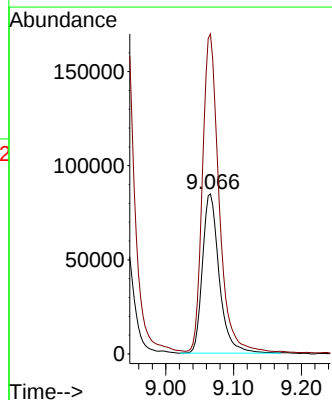
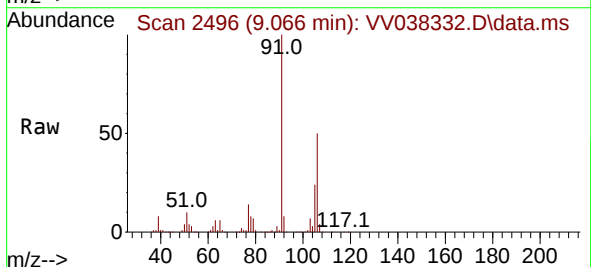
Instrument :
MSVOA_V
ClientSampleId :

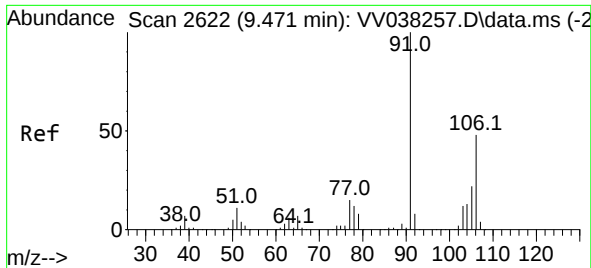
Tgt Ion: 91 Resp: 368346
Ion Ratio Lower Upper
91 100
106 31.9 21.8 40.4



#53
m,p-Xylene
Concen: 4.514 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

Tgt Ion: 106 Resp: 145276
Ion Ratio Lower Upper
106 100
91 199.9 138.7 257.5

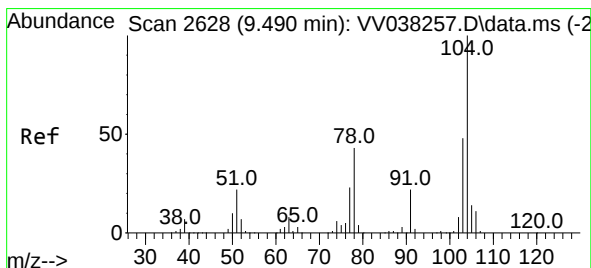
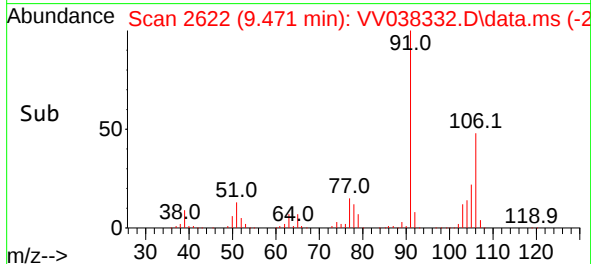
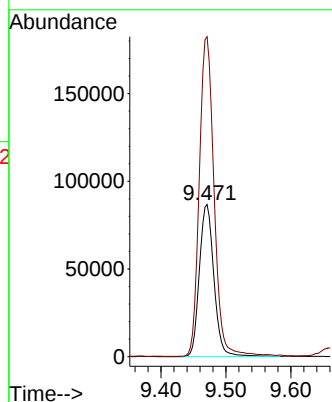
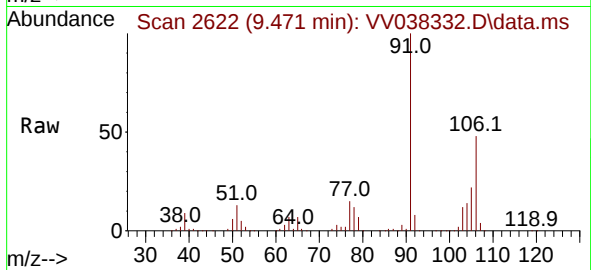




#54
o-Xylene
Concen: 4.340 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

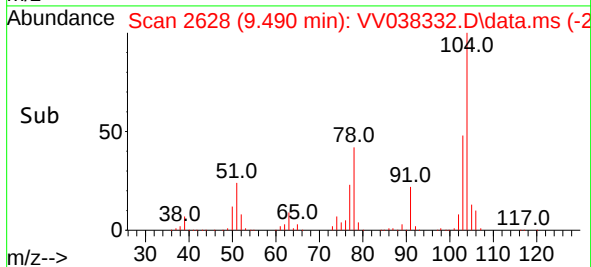
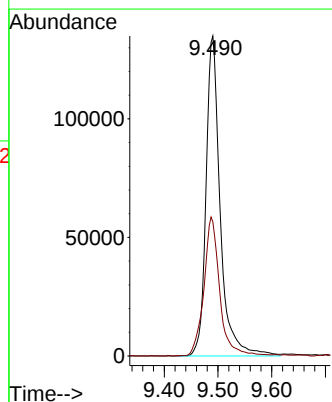
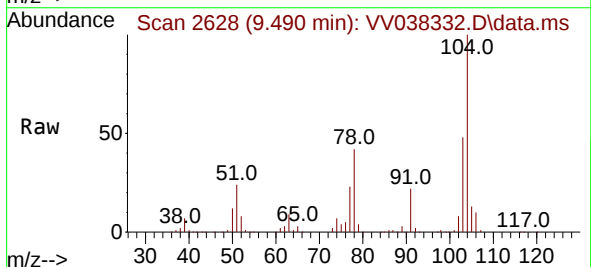
Instrument :
MSVOA_V
ClientSampleId :

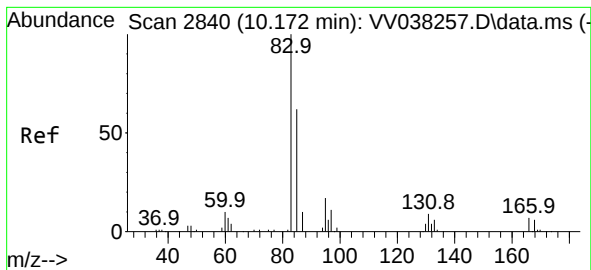
Tgt Ion:106 Resp: 135992
Ion Ratio Lower Upper
106 100
91 210.3 155.5 288.7



#55
Styrene
Concen: 4.486 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

Tgt Ion:104 Resp: 247793
Ion Ratio Lower Upper
104 100
78 41.9 29.7 55.1

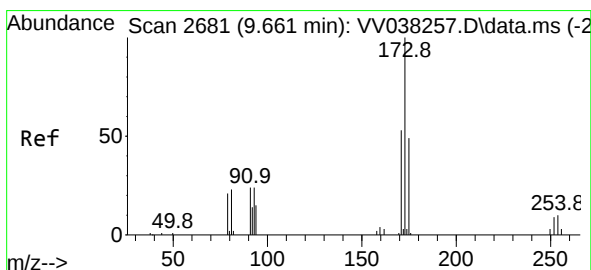
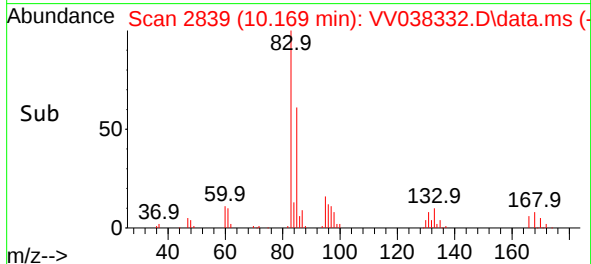
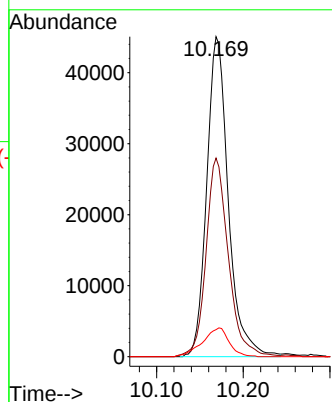
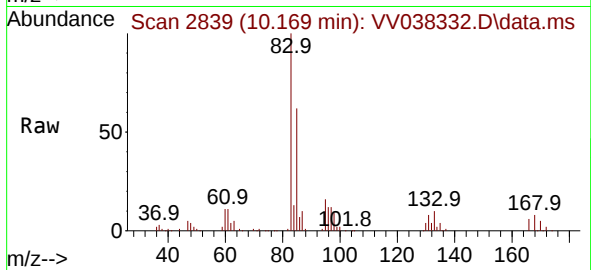




#57
1,1,2,2-Tetrachloroethane
Concen: 4.328 ug/L
RT: 10.169 min Scan# 2840
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

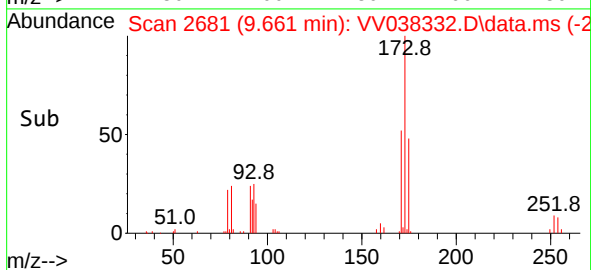
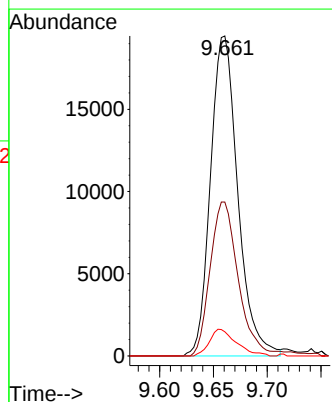
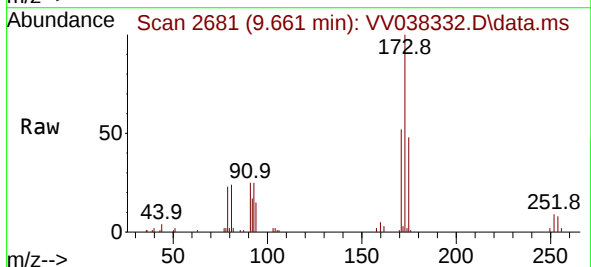
Instrument :
MSVOA_V
ClientSampleId :

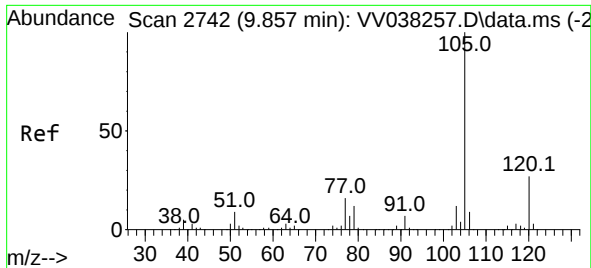
Tgt Ion: 83 Resp: 78036
Ion Ratio Lower Upper
83 100
85 62.0 45.7 84.9
131 8.5 8.2 12.4



#59
Bromoform
Concen: 4.039 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

Tgt Ion: 173 Resp: 34427
Ion Ratio Lower Upper
173 100
175 50.3 38.5 57.7
254 8.2 6.9 10.3

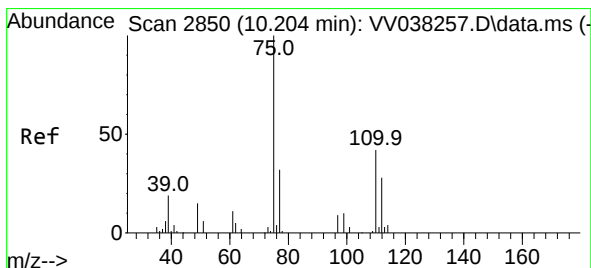
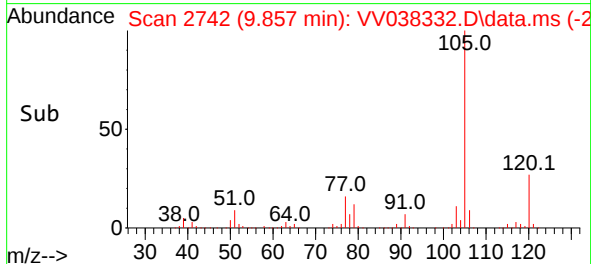
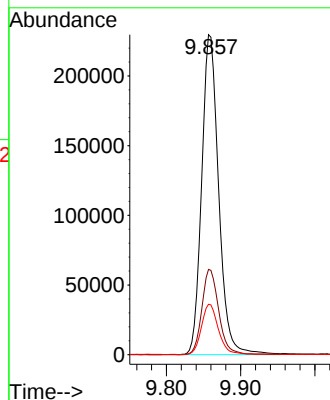
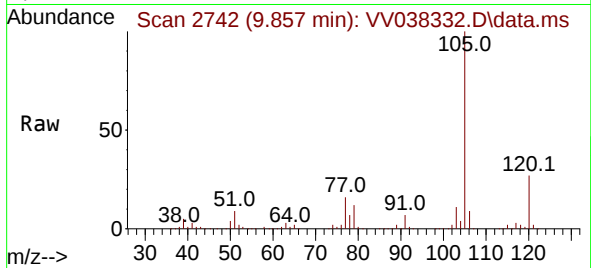




#60
Isopropylbenzene
Concen: 4.345 ug/L
RT: 9.857 min Scan# 2742
Delta R.T. -0.003 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

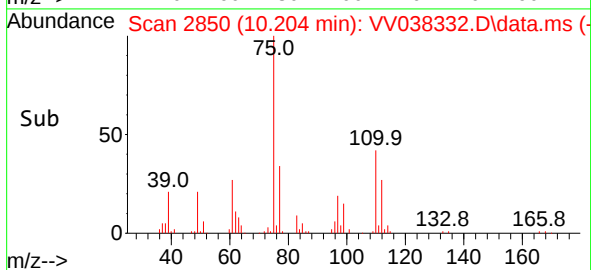
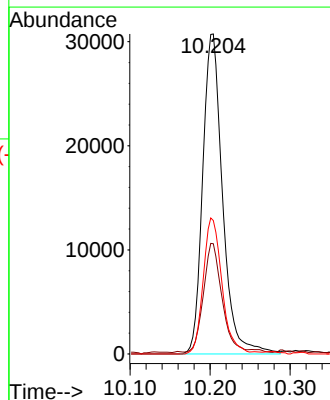
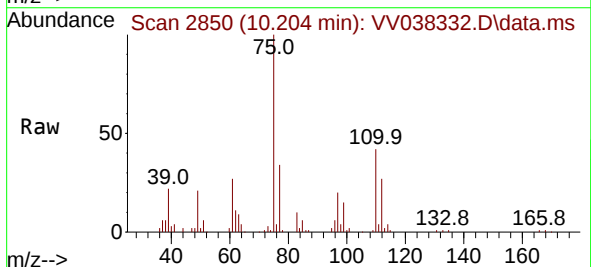
Instrument :
MSVOA_V
ClientSampleId :

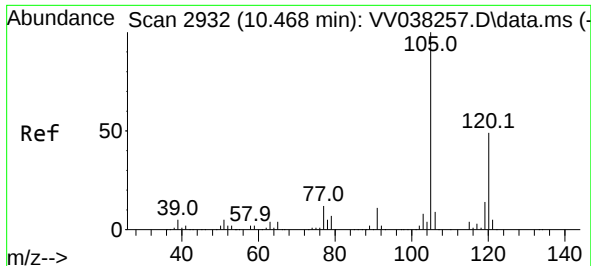
Tgt Ion:105 Resp: 366567
Ion Ratio Lower Upper
105 100
120 26.5 20.8 31.2
77 15.6 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.247 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

Tgt Ion: 75 Resp: 53260
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
110 40.1 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 4.087 ug/L

RT: 10.468 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

Instrument :

MSVOA_V

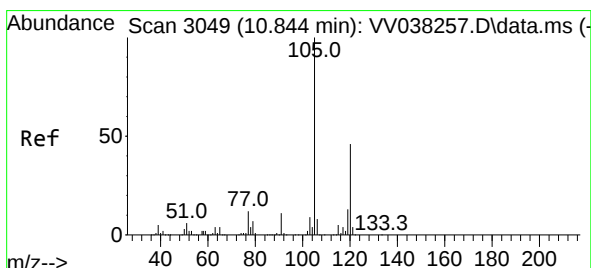
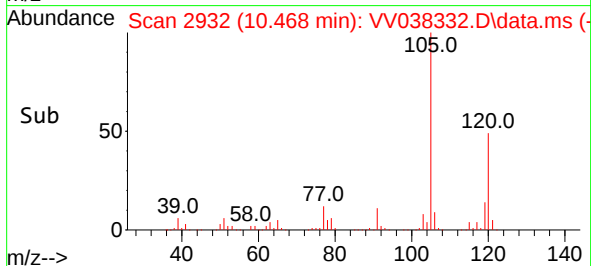
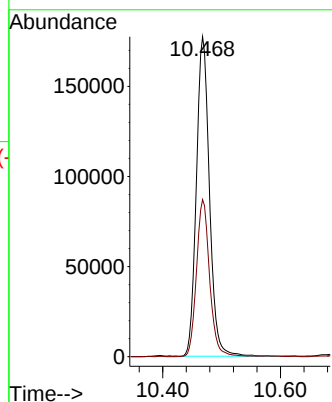
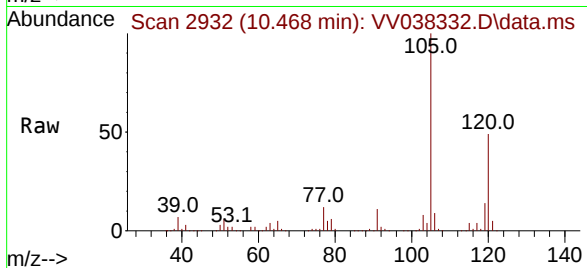
ClientSampleId :

Tgt Ion:105 Resp: 273621

Ion Ratio Lower Upper

105 100

120 49.5 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 4.172 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV038332.D

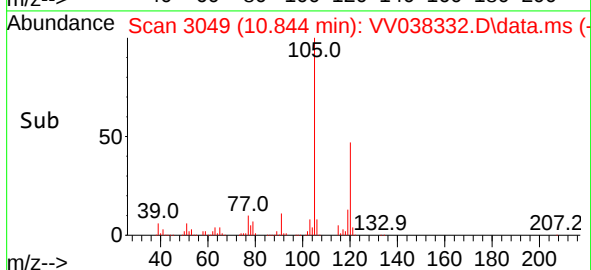
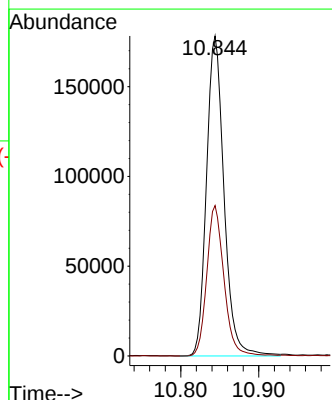
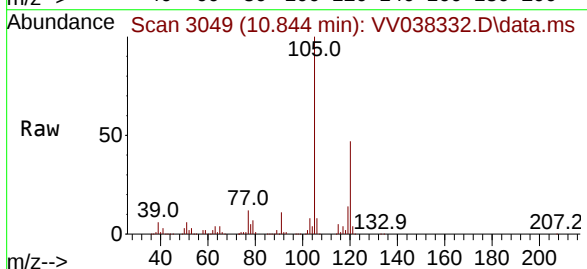
Acq: 25 Nov 2024 09:24

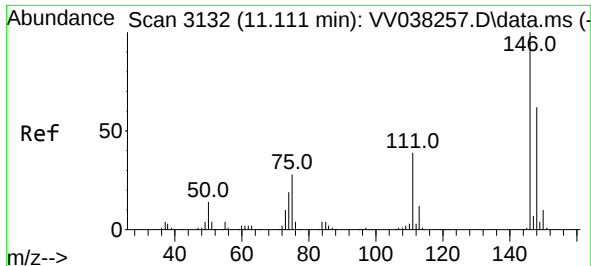
Tgt Ion:105 Resp: 278534

Ion Ratio Lower Upper

105 100

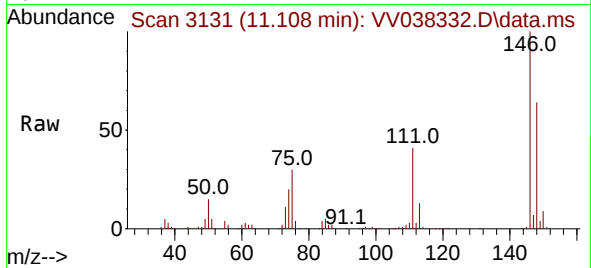
120 45.9 37.0 55.4



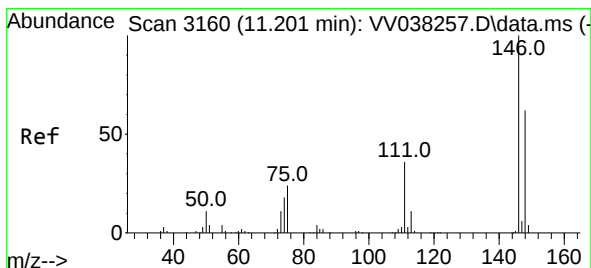
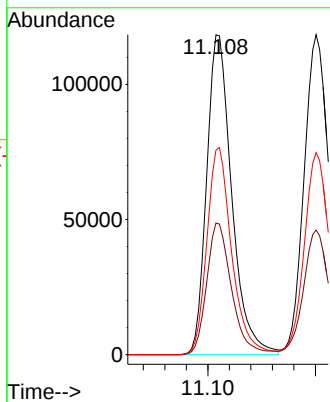
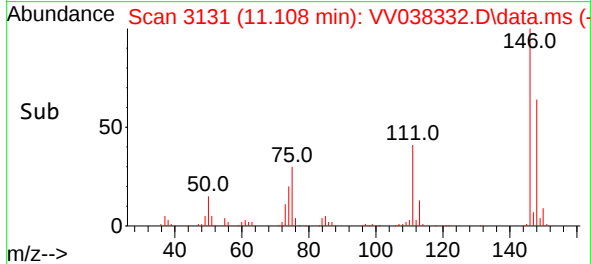


#64
1,3-Dichlorobenzene
Concen: 4.228 ug/L
RT: 11.108 min Scan# 3132
Delta R.T. -0.003 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

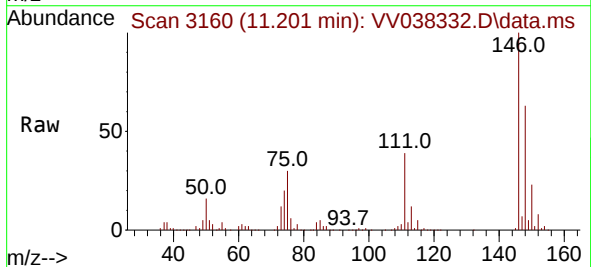
Instrument :
MSVOA_V
ClientSampleId :



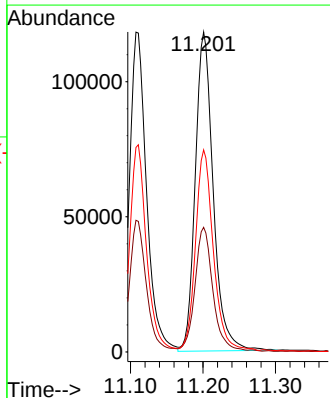
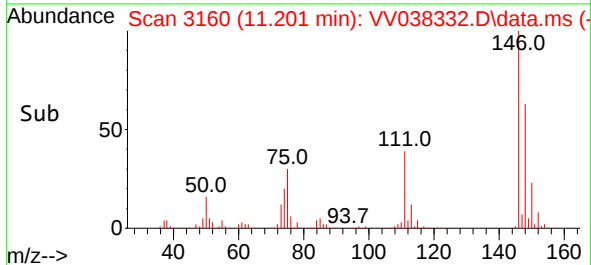
Tgt Ion:146 Resp: 191534
Ion Ratio Lower Upper
146 100
111 41.2 28.2 52.4
148 63.9 44.2 82.2

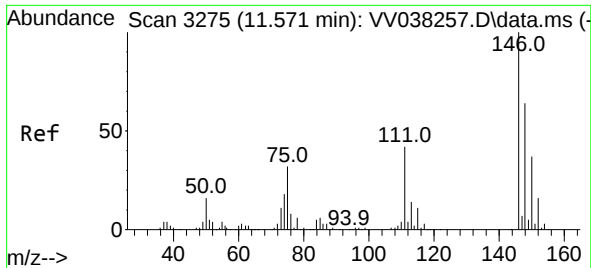


#65
1,4-Dichlorobenzene
Concen: 4.425 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24



Tgt Ion:146 Resp: 202655
Ion Ratio Lower Upper
146 100
111 39.0 27.4 50.8
148 63.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.307 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :

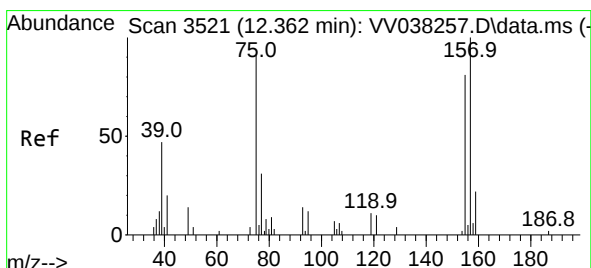
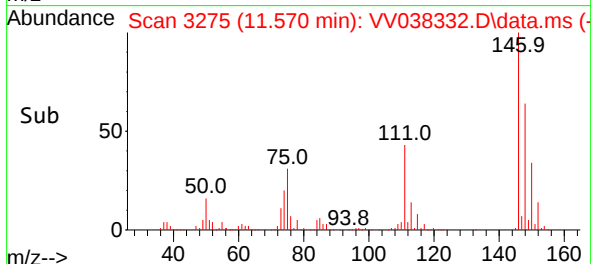
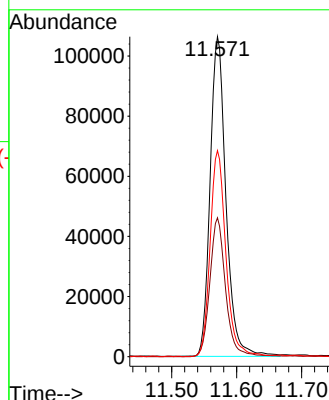
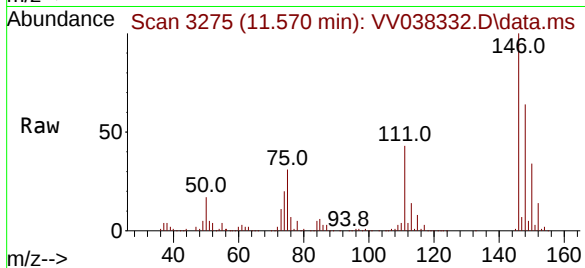
Tgt Ion:146 Resp: 180579

Ion Ratio Lower Upper

146 100

111 43.4 34.2 51.2

148 64.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.081 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.000 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

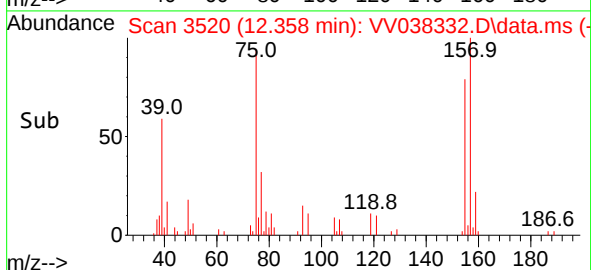
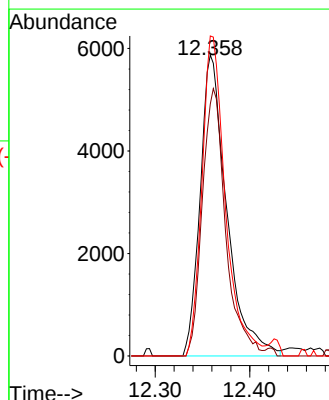
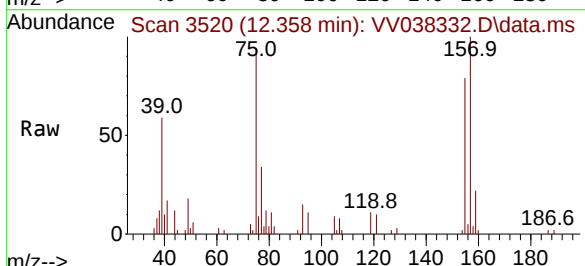
Tgt Ion: 75 Resp: 11487

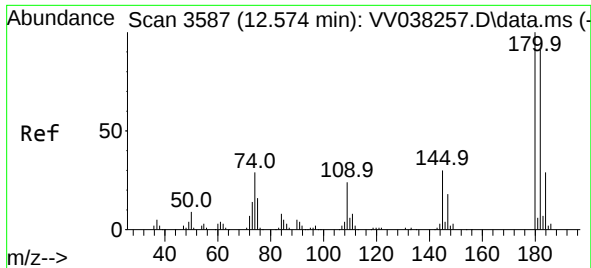
Ion Ratio Lower Upper

75 100

155 83.7 67.5 101.3

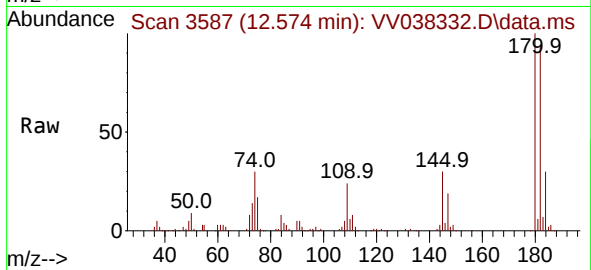
157 106.4 82.7 124.1



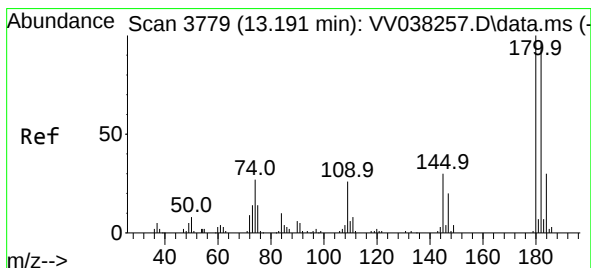
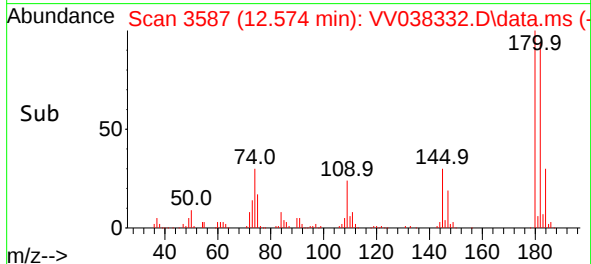
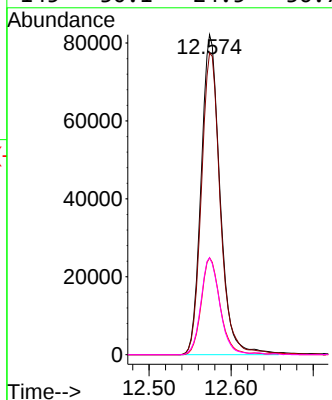


#69
1,3,5-Trichlorobenzene
Concen: 4.087 ug/L
RT: 12.574 min Scan# 3587
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

Instrument :
MSVOA_V
ClientSampleId :

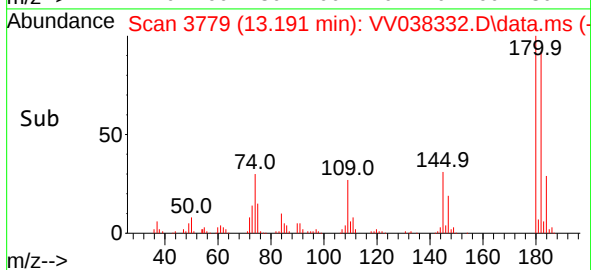
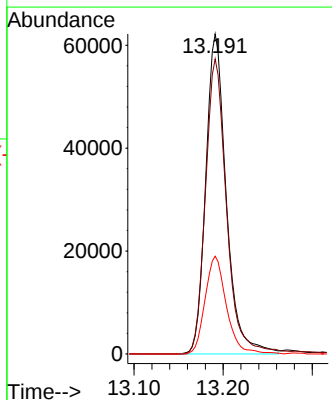
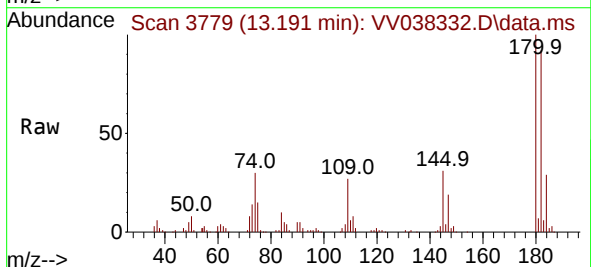


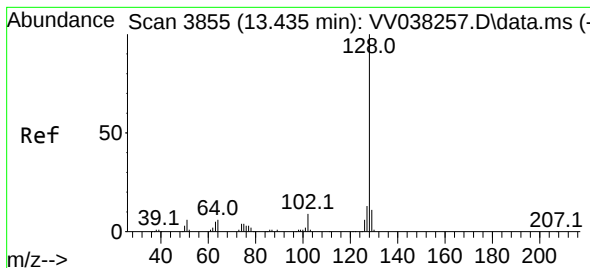
Tgt Ion:180 Resp: 131149
Ion Ratio Lower Upper
180 100
182 94.7 76.0 114.0
184 30.0 23.7 35.5
145 30.1 24.5 36.7



#70
1,2,4-trichlorobenzene
Concen: 3.752 ug/L
RT: 13.191 min Scan# 3779
Delta R.T. -0.000 min
Lab File: VV038332.D
Acq: 25 Nov 2024 09:24

Tgt Ion:180 Resp: 99522
Ion Ratio Lower Upper
180 100
182 94.7 73.8 110.8
145 31.8 24.6 37.0





#71

Naphthalene

Concen: 3.081 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

Instrument :

MSVOA_V

ClientSampleId :

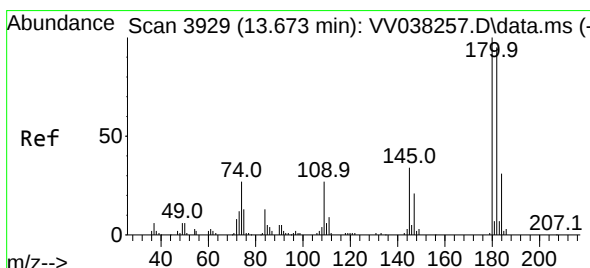
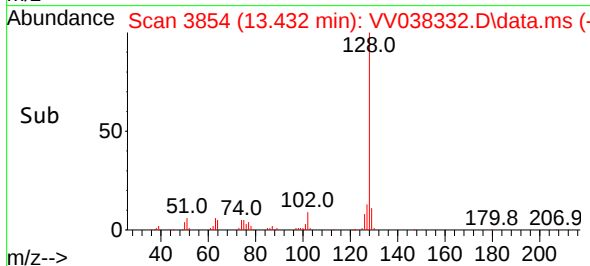
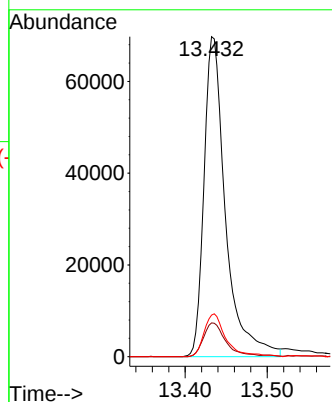
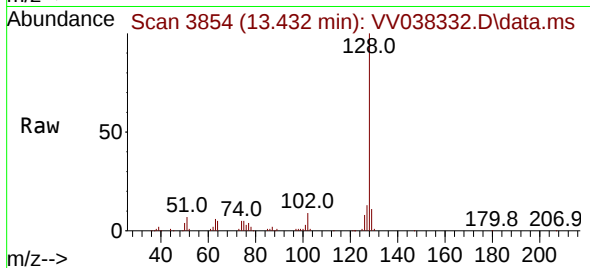
Tgt Ion:128 Resp: 127145

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 13.6 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 3.648 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. -0.000 min

Lab File: VV038332.D

Acq: 25 Nov 2024 09:24

Tgt Ion:180 Resp: 89410

Ion Ratio Lower Upper

180 100

182 95.0 75.1 112.7

145 33.3 27.0 40.4

