

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038174.D
 Acq On : 19 Nov 2024 13:17
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 21:38:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 21:34:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	259388	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	269242	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	131394	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	9766	0.491	ug/L	0.00
7) Chloroethane-d5	1.529	69	7395	0.460	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	3881	0.454	ug/L	0.00
20) 2-Butanone-d5	3.998	46	416	0.110	ug/L	0.20
24) Chloroform-d	4.249	84	16967	0.440	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	2910	0.167	ug/L	0.02
32) Benzene-d6	4.966	84	28623	0.411	ug/L	0.02
36) 1,2-Dichloropropane-d6	5.992	67	7879	0.369	ug/L	0.00
41) Toluene-d8	7.246	98	24073	0.374	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.574	79	2258	0.290	ug/L	0.02
46) 2-Hexanone-d5	8.050	63	8293	2.808	ug/L	0.03
56) 1,1,2,2-Tetrachloroeth...	10.152	84	8500	0.468	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	10213	0.456	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	11660	0.475	ug/L	100
3) Chloromethane	1.214	50	10274	0.486	ug/L	98
5) Vinyl chloride	1.278	62	11168	0.466	ug/L #	77
6) Bromomethane	1.484	94	4679	0.501	ug/L	87
8) Chloroethane	1.696	64	956	0.057	ug/L	86
9) Trichlorofluoromethane	1.709	101	15791	0.463	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	8653	0.445	ug/L	95
12) 1,1-Dichloroethene	2.063	96	8938	0.482	ug/L	95
13) Acetone	2.133	43	14093	4.791	ug/L	97
14) Carbon disulfide	2.233	76	26927	0.451	ug/L	99
15) Methyl Acetate	2.410	43	3539	0.489	ug/L #	76
16) Methylene chloride	2.442	84	9437	0.447	ug/L	93
17) Methyl tert-butyl Ether	2.699	73	17723	0.423	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	8619	0.442	ug/L	89
19) 1,1-Dichloroethane	3.108	63	15801	0.446	ug/L	98
21) 2-Butanone	3.844	43	280	0.071	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	8069	0.400	ug/L	92
23) Bromochloromethane	4.156	128	4216	0.428	ug/L	84
25) Chloroform	4.275	83	17415	0.459	ug/L	92
27) 1,2-Dichloroethane	5.063	62	8609	0.417	ug/L #	85
29) 1,1,1-Trichloroethane	4.506	97	14790	0.458	ug/L	95
30) Cyclohexane	4.574	56	11521	0.430	ug/L	93
31) Carbon tetrachloride	4.725	117	12707	0.446	ug/L	97
33) Benzene	5.014	78	30225	0.400	ug/L	100
34) Trichloroethene	5.844	95	9336	0.453	ug/L	98
35) Methylcyclohexane	6.046	83	12556	0.431	ug/L	93
37) 1,2-Dichloropropane	6.101	63	7818	0.413	ug/L	99
38) Bromodichloromethane	6.439	83	10186	0.400	ug/L #	87
39) cis-1,3-Dichloropropene	6.976	75	8150	0.318	ug/L	90
40) 4-Methyl-2-pentanone	7.165	43	34972	3.587	ug/L	97
42) Toluene	7.323	91	31202	0.390	ug/L	99
44) trans-1,3-Dichloropropene	7.603	75	7021	0.319	ug/L	96

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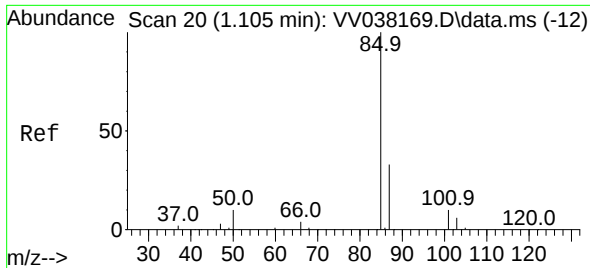
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 21:38:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 21:34:01 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.773	97	6728	0.438	ug/L	96
47) Tetrachloroethene	7.908	164	7388	0.446	ug/L	89
48) 2-Hexanone	8.095	43	21681	3.222	ug/L	98
49) Dibromochloromethane	8.178	129	6642	0.397	ug/L	98
50) 1,2-Dibromoethane	8.287	107	6094	0.428	ug/L	87
51) Chlorobenzene	8.815	112	23562	0.427	ug/L	94
52) Ethylbenzene	8.947	91	33596	0.395	ug/L	99
53) m,p-Xylene	9.075	106	11751	0.366	ug/L	95
54) o-Xylene	9.477	106	11476	0.368	ug/L	95
55) Styrene	9.506	104	17260	0.318	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.178	83	8100	0.451	ug/L	99
59) Bromoform	9.667	173	3011	0.394	ug/L #	98
60) Isopropylbenzene	9.863	105	30222	0.399	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	5696	0.506	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.474	105	23963	0.399	ug/L	97
63) 1,2,4-Trimethylbenzene	10.847	105	21643	0.361	ug/L	93
64) 1,3-Dichlorobenzene	11.120	146	18276	0.450	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	18922	0.461	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	17107	0.455	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.371	75	782	0.310	ug/L	89
69) 1,3,5-Trichlorobenzene	12.580	180	13436	0.467	ug/L	98
70) 1,2,4-trichlorobenzene	13.200	180	10417	0.438	ug/L	91
71) Naphthalene	13.445	128	16944	0.458	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.680	180	9825	0.447	ug/L	96

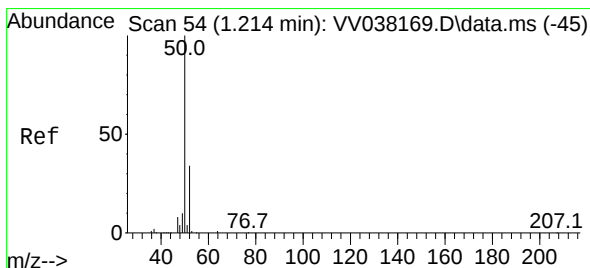
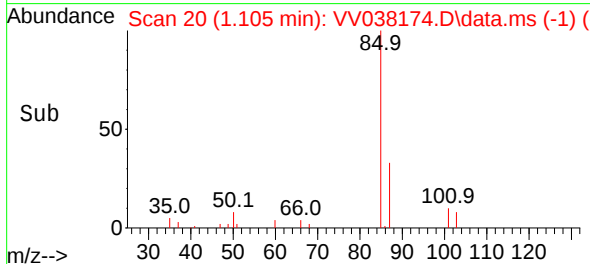
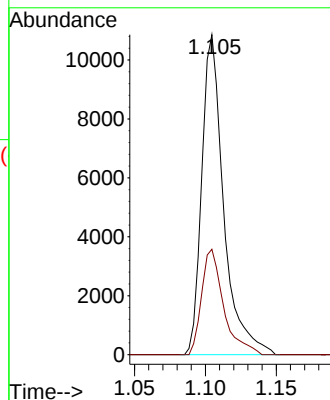
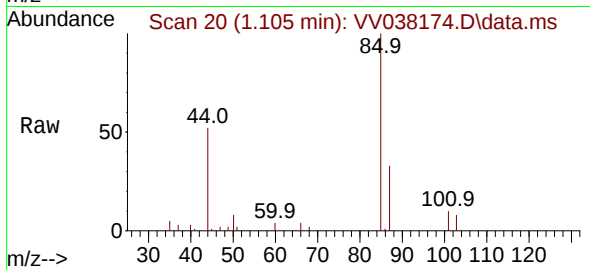
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.475 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

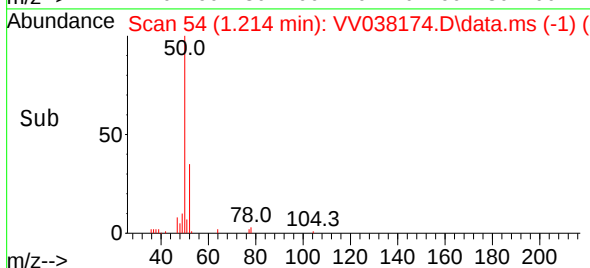
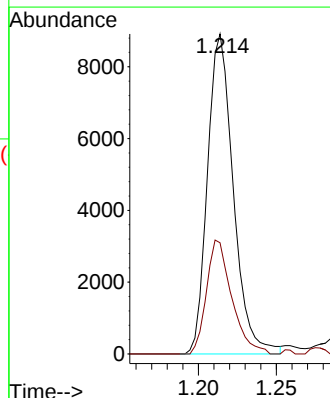
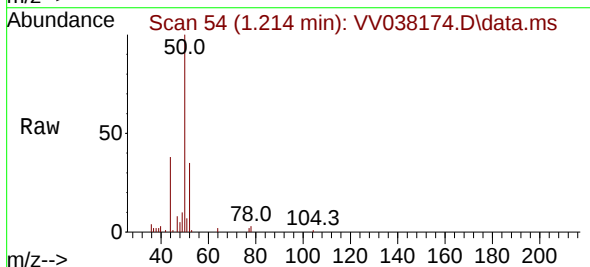
Instrument :
MSVOA_V
ClientSampleId :

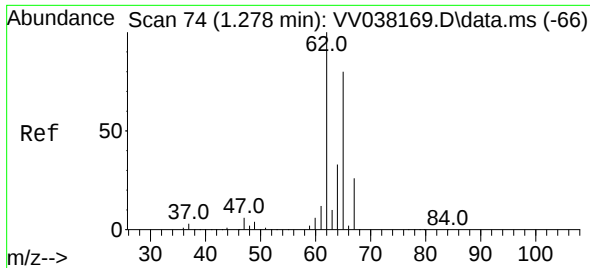
Tgt Ion: 85 Resp: 11660
Ion Ratio Lower Upper
85 100
87 33.2 26.5 39.7



#3
Chloromethane
Concen: 0.486 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

Tgt Ion: 50 Resp: 10274
Ion Ratio Lower Upper
50 100
52 34.8 23.5 43.7

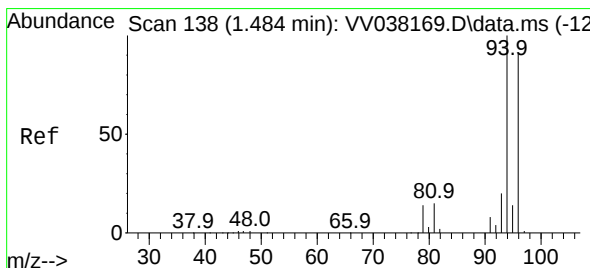
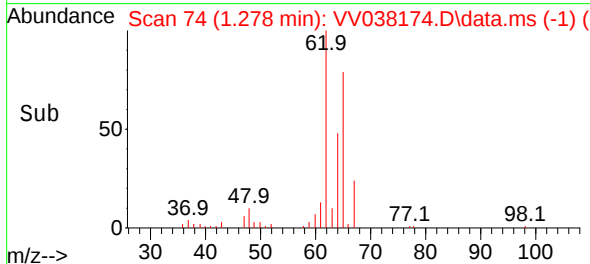
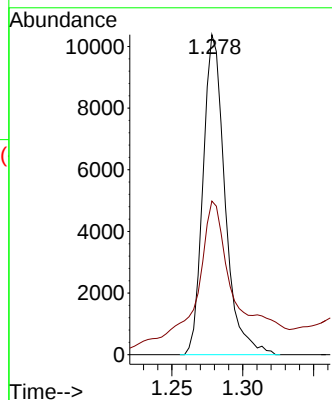
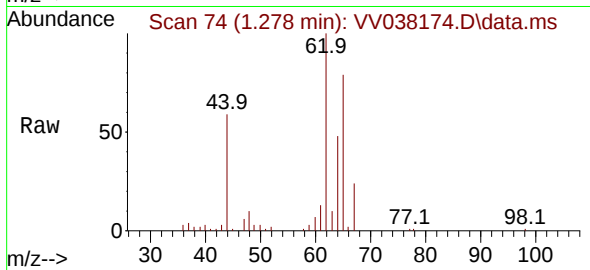




#5
 Vinyl chloride
 Concen: 0.466 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV038174.D
 Acq: 19 Nov 2024 13:17

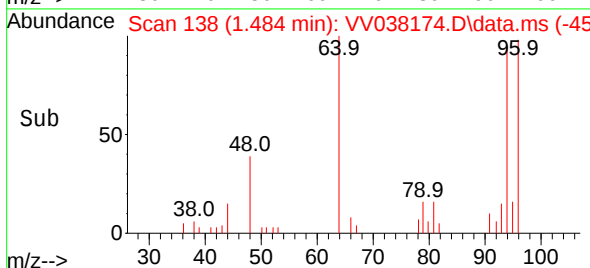
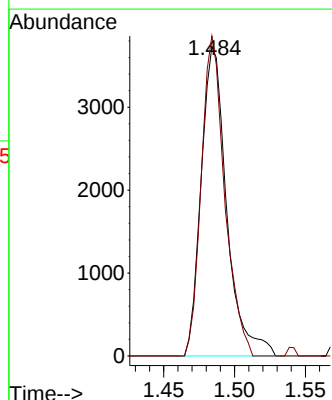
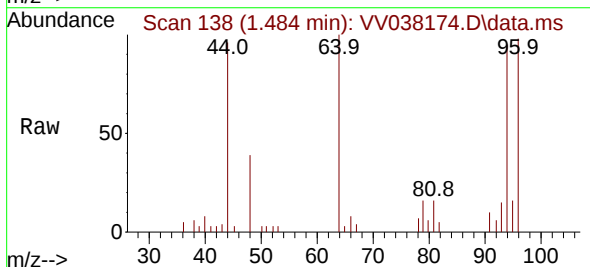
Instrument :
 MSVOA_V
 ClientSampleId :

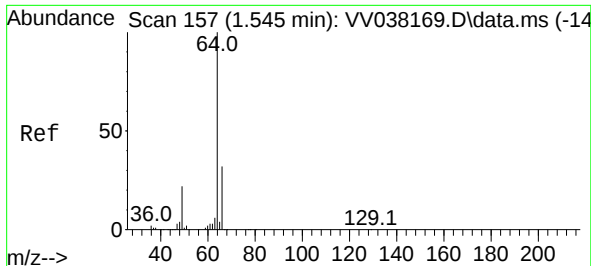
Tgt Ion: 62 Resp: 11168
 Ion Ratio Lower Upper
 62 100
 64 48.0 24.4 45.4#



#6
 Bromomethane
 Concen: 0.501 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VV038174.D
 Acq: 19 Nov 2024 13:17

Tgt Ion: 94 Resp: 4679
 Ion Ratio Lower Upper
 94 100
 96 103.4 63.7 118.3





#8

Chloroethane

Concen: 0.057 ug/L

RT: 1.696 min Scan# 204

Delta R.T. 0.151 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

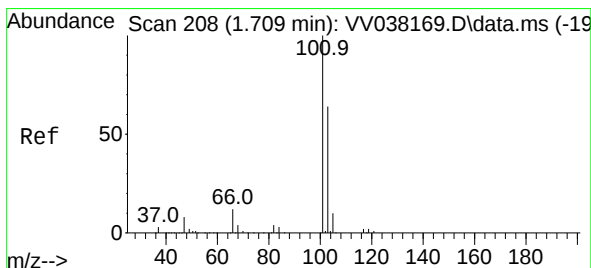
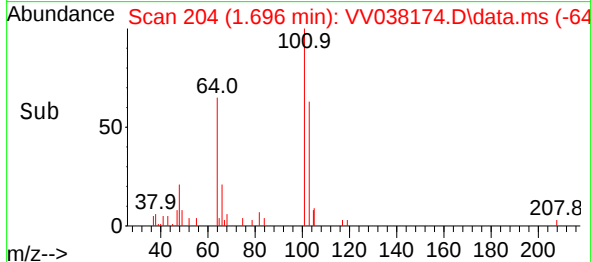
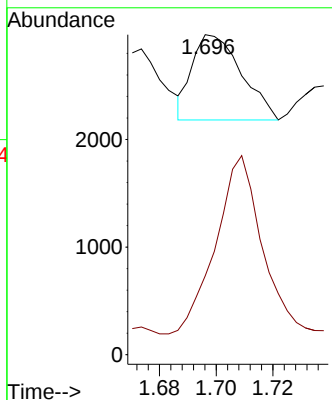
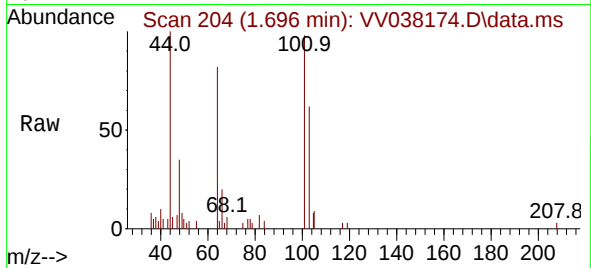
ClientSampleId :

Tgt Ion: 64 Resp: 956

Ion Ratio Lower Upper

64 100

66 23.5 22.0 40.8



#9

Trichlorofluoromethane

Concen: 0.463 ug/L

RT: 1.709 min Scan# 208

Delta R.T. -0.000 min

Lab File: VV038174.D

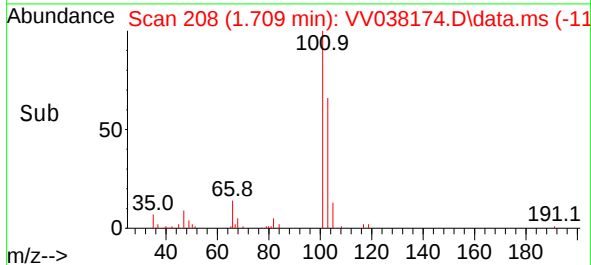
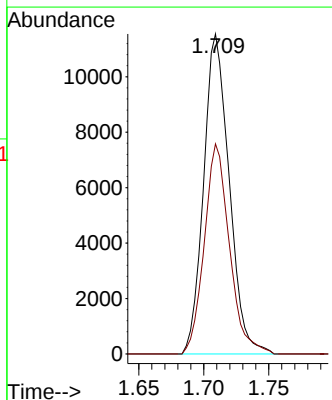
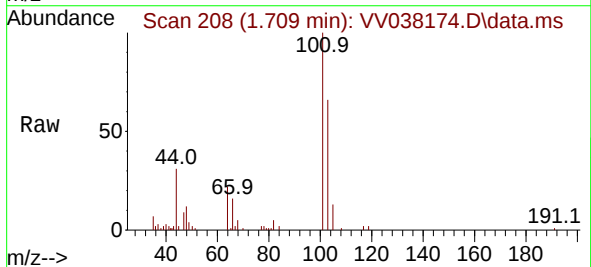
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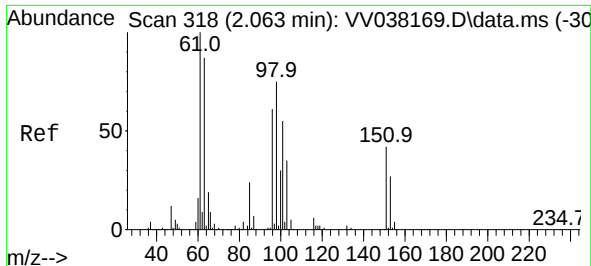
Tgt Ion:101 Resp: 15791

Ion Ratio Lower Upper

101 100

103 64.7 51.5 77.3

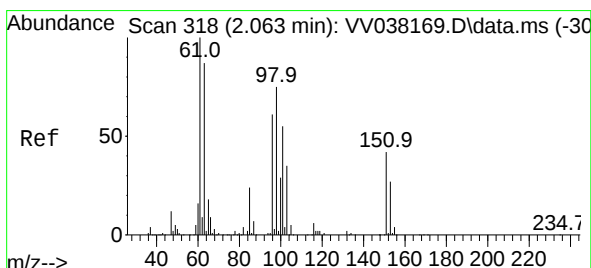
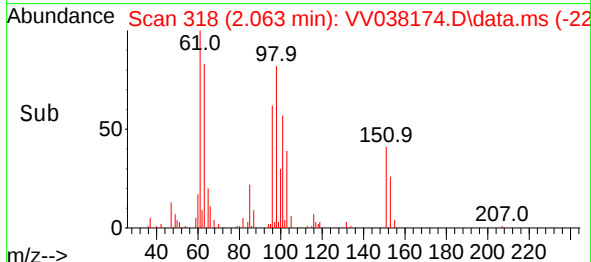
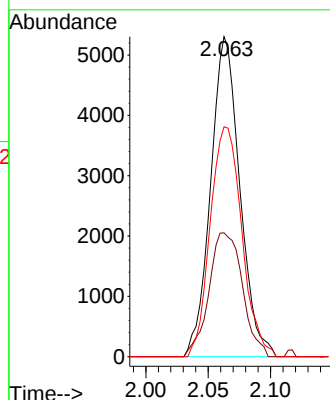
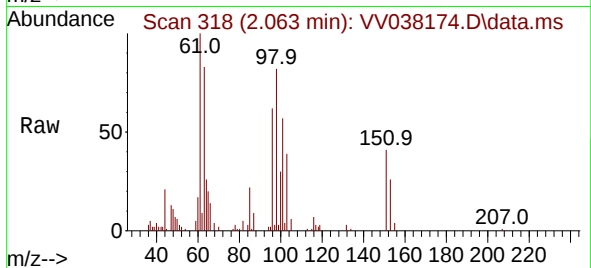




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.445 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038174.D
 Acq: 19 Nov 2024 13:17

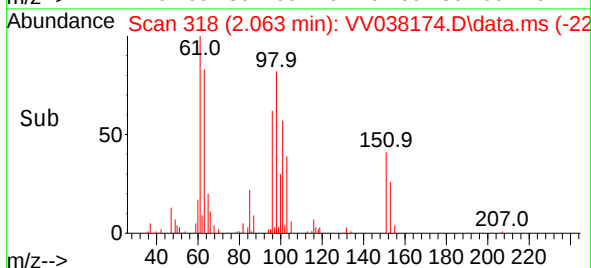
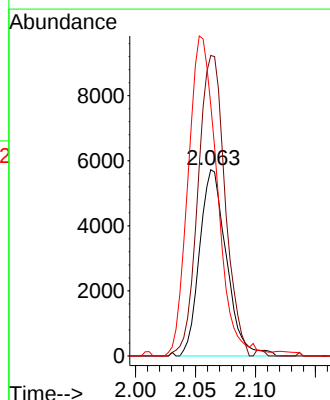
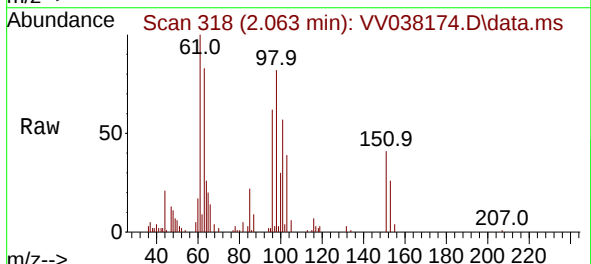
Instrument :
 MSVOA_V
 ClientSampleId :

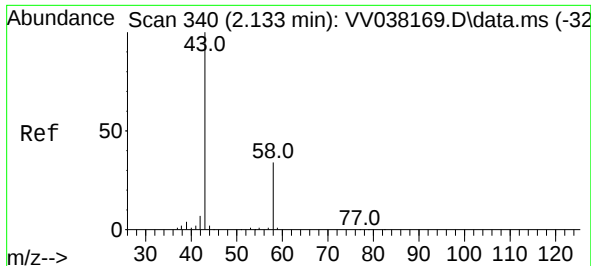
Tgt Ion:101 Resp: 8653
 Ion Ratio Lower Upper
 101 100
 85 44.3 33.4 50.0
 151 77.7 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 0.482 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.000 min
 Lab File: VV038174.D
 Acq: 19 Nov 2024 13:17

Tgt Ion: 96 Resp: 8938
 Ion Ratio Lower Upper
 96 100
 61 161.3 115.7 214.9
 63 134.7 101.1 187.7





#13

Acetone

Concen: 4.791 ug/L

RT: 2.133 min Scan# 340

Delta R.T. -0.000 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

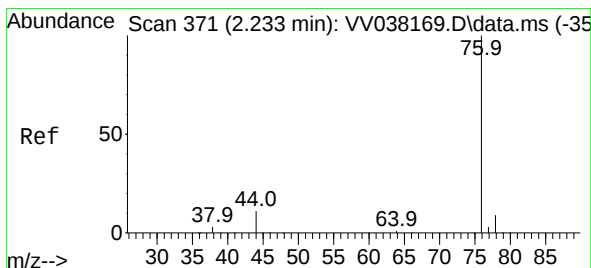
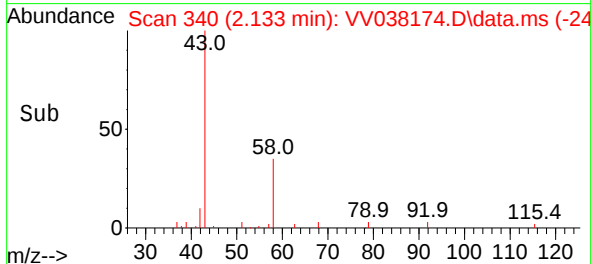
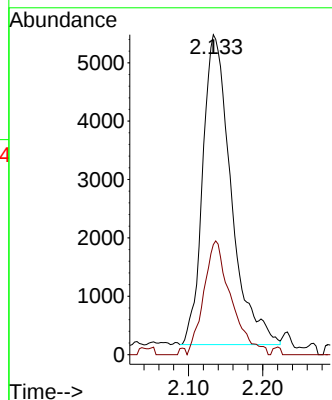
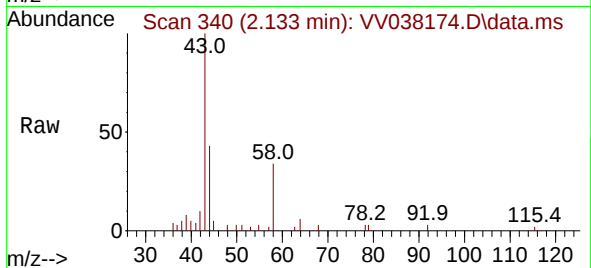
ClientSampleId :

Tgt Ion: 43 Resp: 14093

Ion Ratio Lower Upper

43 100

58 35.4 0.0 67.2



#14

Carbon disulfide

Concen: 0.451 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV038174.D

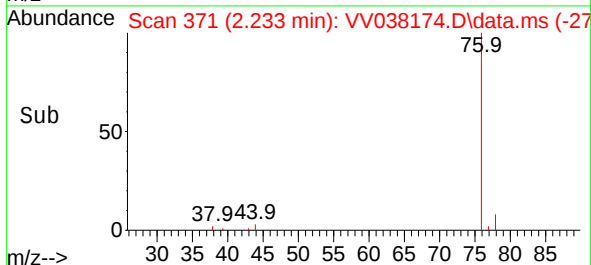
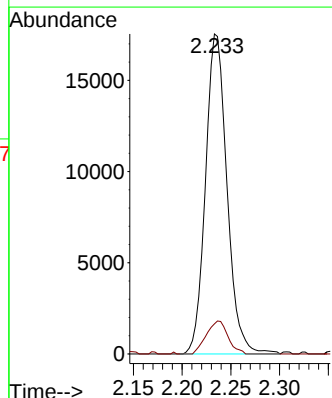
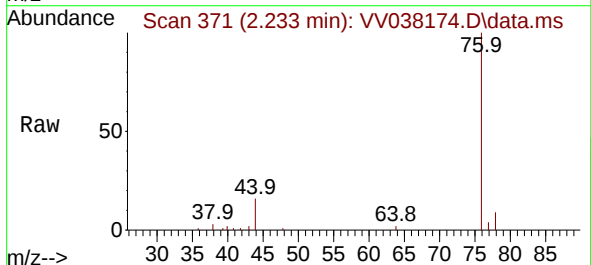
Acq: 19 Nov 2024 13:17

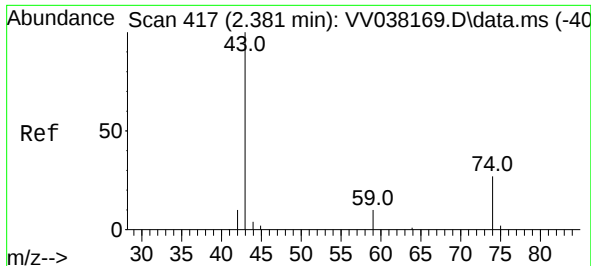
Tgt Ion: 76 Resp: 26927

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0





#15

Methyl Acetate

Concen: 0.489 ug/L

RT: 2.410 min Scan# 41

Delta R.T. 0.029 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

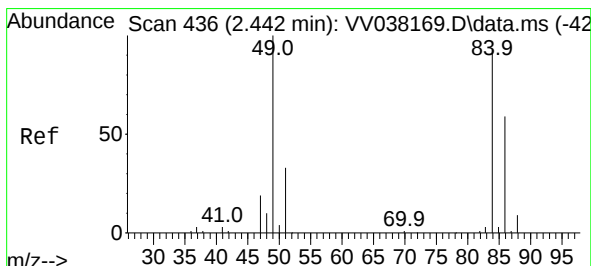
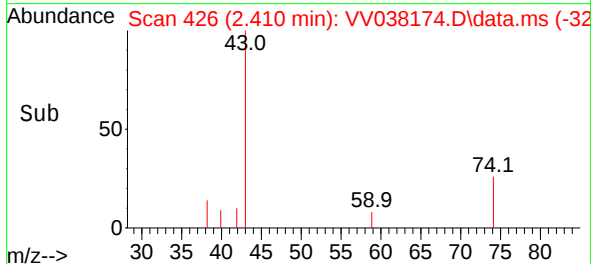
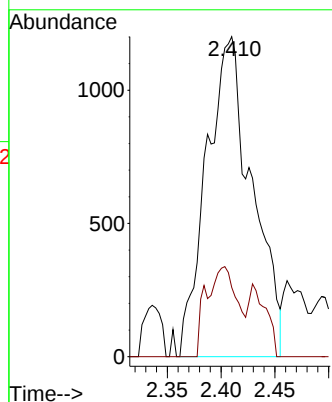
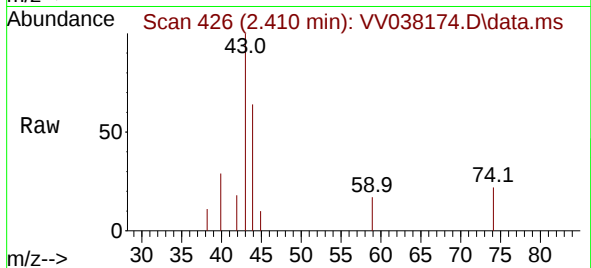
ClientSampleId :

Tgt Ion: 43 Resp: 3539

Ion Ratio Lower Upper

43 100

74 15.3 22.4 33.6#



#16

Methylene chloride

Concen: 0.447 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.000 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

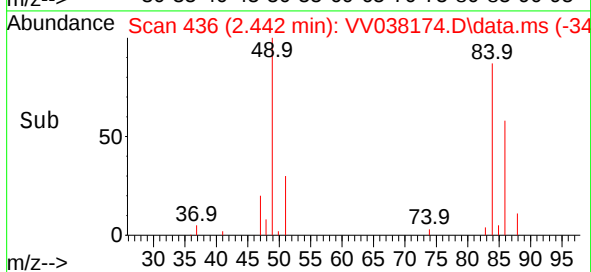
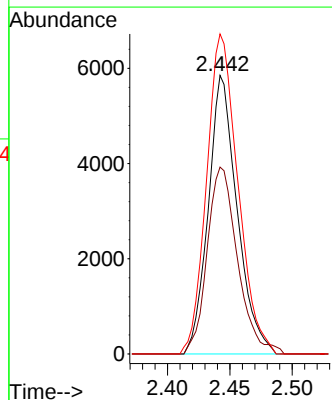
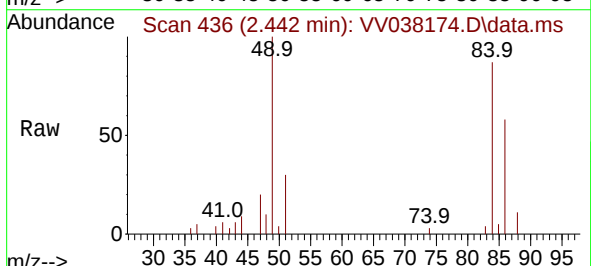
Tgt Ion: 84 Resp: 9437

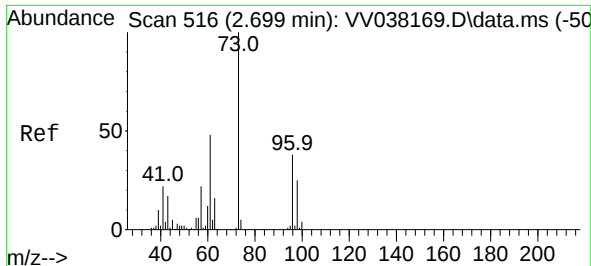
Ion Ratio Lower Upper

84 100

86 67.1 44.2 82.2

49 114.9 74.9 139.1

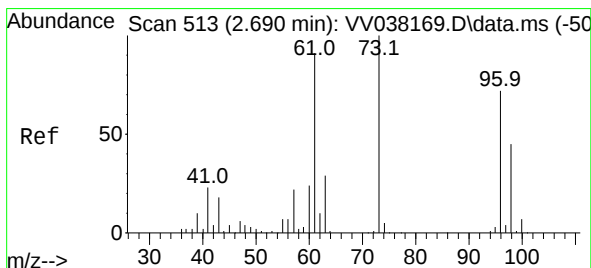
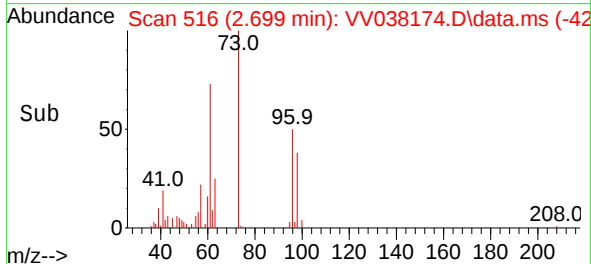
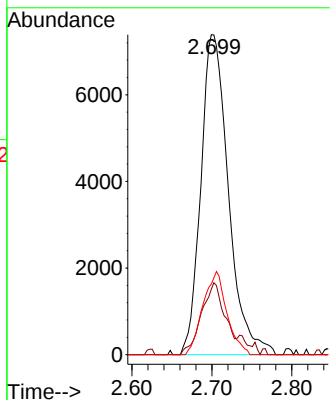
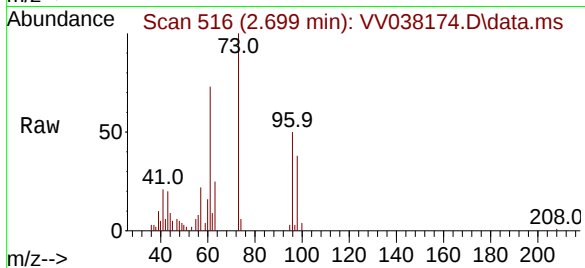




#17
Methyl tert-butyl Ether
Concen: 0.423 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

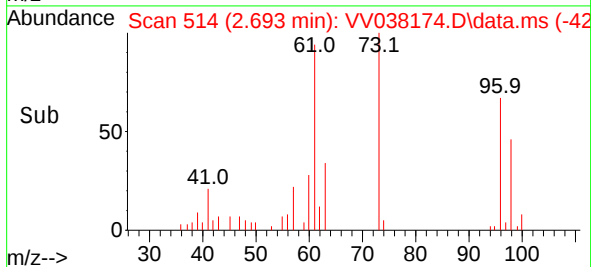
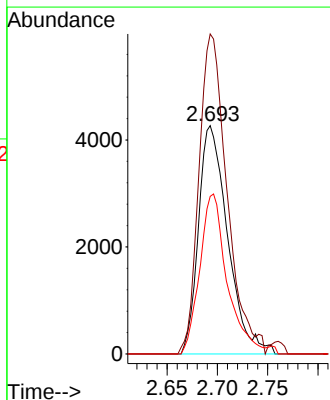
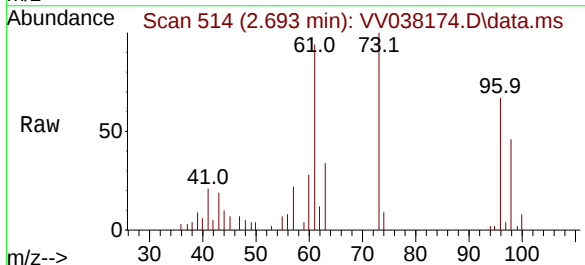
Instrument :
MSVOA_V
ClientSampleId :

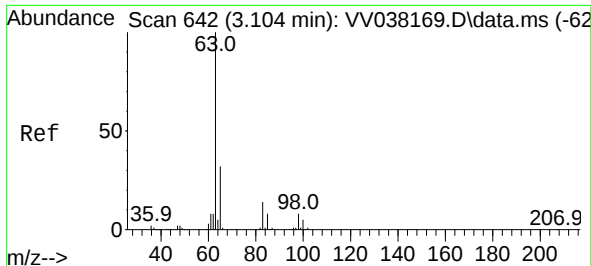
Tgt Ion:	73	Resp:	17723
Ion	Ratio	Lower	Upper
73	100		
43	19.3	14.2	21.2
57	22.5	17.6	26.4



#18
trans-1,2-Dichloroethene
Concen: 0.442 ug/L
RT: 2.693 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

Tgt Ion:	96	Resp:	8619
Ion	Ratio	Lower	Upper
96	100		
61	140.2	88.5	164.4
98	69.0	43.9	81.5





#19

1,1-Dichloroethane

Concen: 0.446 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

ClientSampleId :

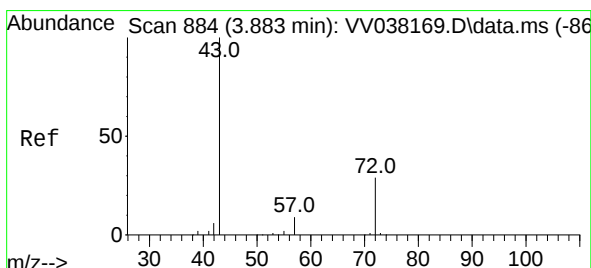
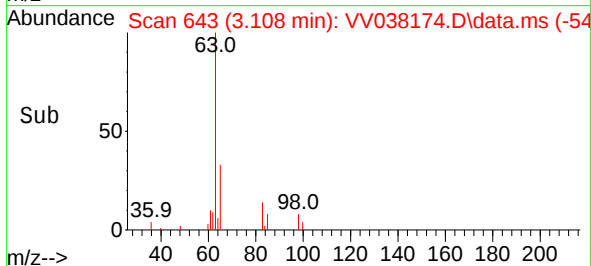
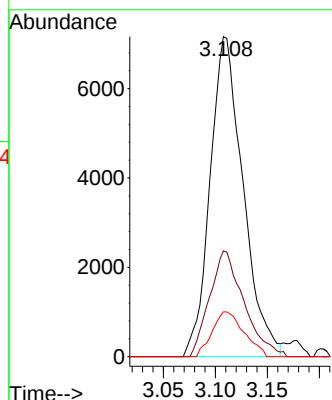
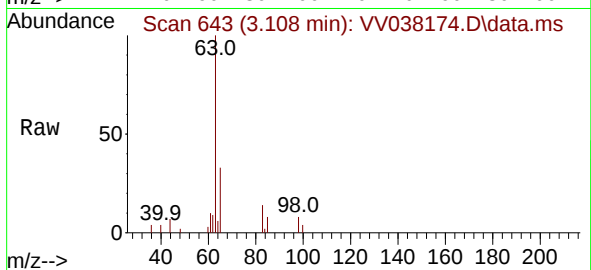
Tgt Ion: 63 Resp: 15801

Ion Ratio Lower Upper

63 100

65 33.0 22.5 41.7

83 14.0 10.1 18.9



#21

2-Butanone

Concen: 0.071 ug/L

RT: 3.844 min Scan# 872

Delta R.T. -0.039 min

Lab File: VV038174.D

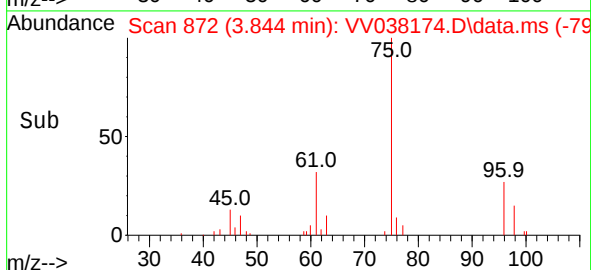
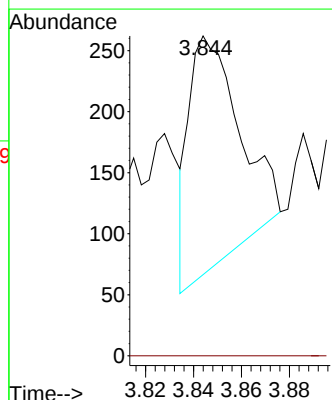
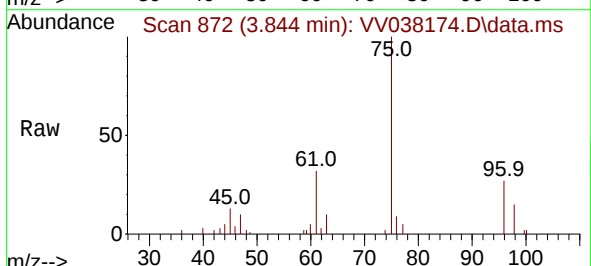
Acq: 19 Nov 2024 13:17

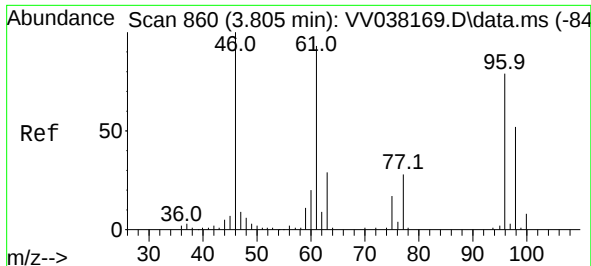
Tgt Ion: 43 Resp: 280

Ion Ratio Lower Upper

43 100

72 25.7 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 0.400 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.013 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

ClientSampleId :

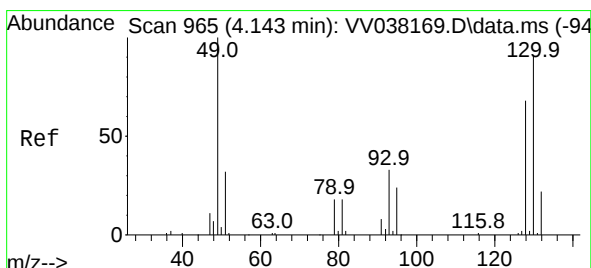
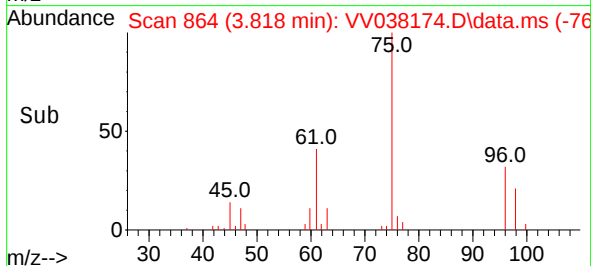
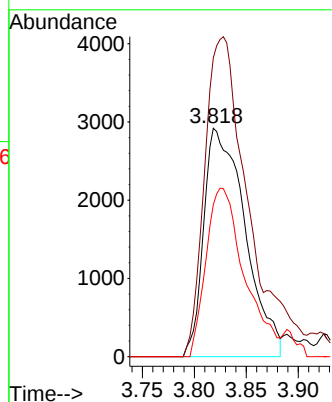
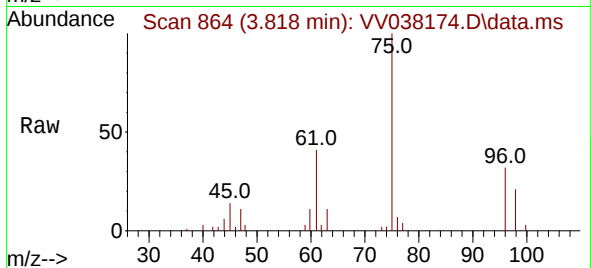
Tgt Ion: 96 Resp: 8069

Ion Ratio Lower Upper

96 100

61 130.8 82.7 153.5

98 66.5 46.3 85.9



#23

Bromochloromethane

Concen: 0.428 ug/L

RT: 4.156 min Scan# 969

Delta R.T. 0.013 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Tgt Ion:128 Resp: 4216

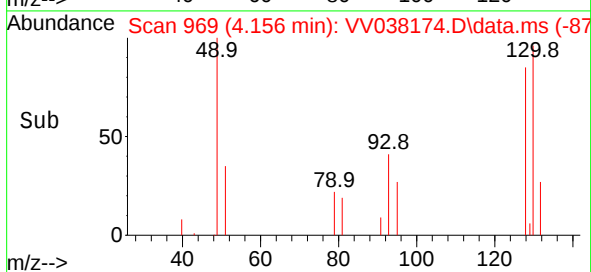
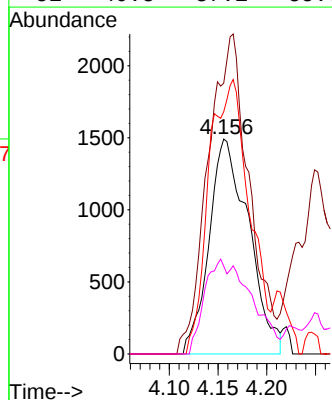
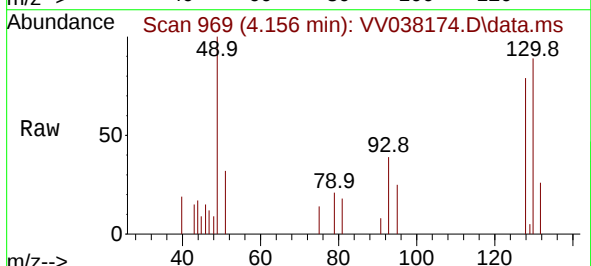
Ion Ratio Lower Upper

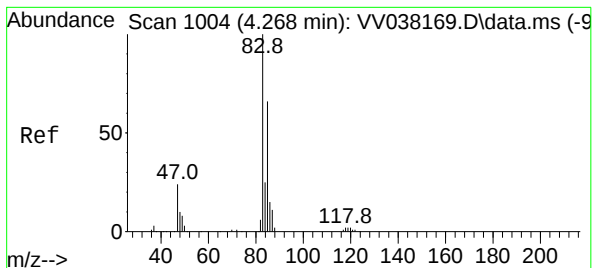
128 100

49 126.0 102.8 190.8

130 112.7 93.6 173.8

51 40.8 37.1 55.7





#25

Chloroform

Concen: 0.459 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

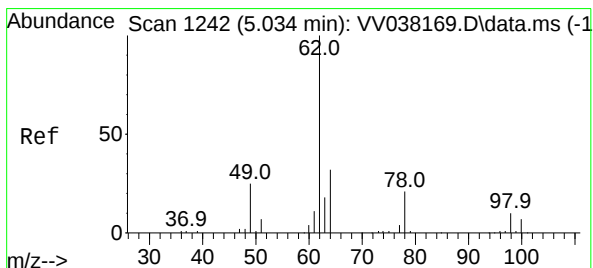
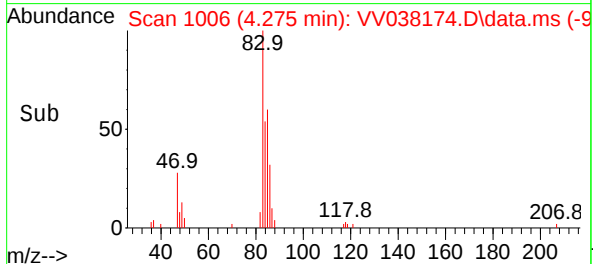
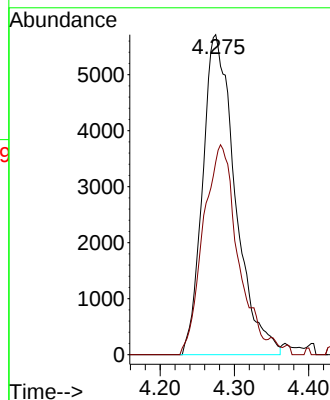
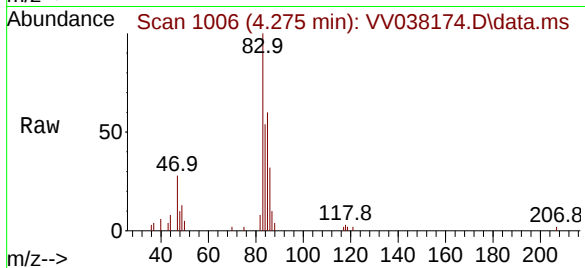
ClientSampleId :

Tgt Ion: 83 Resp: 17415

Ion Ratio Lower Upper

83 100

85 60.2 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.417 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. 0.029 min

Lab File: VV038174.D

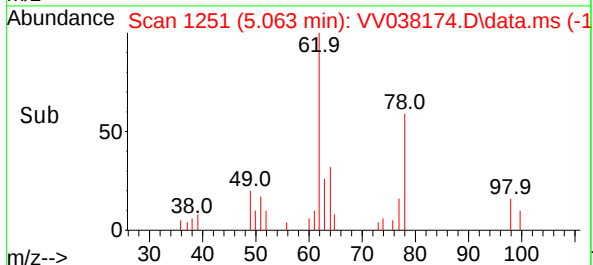
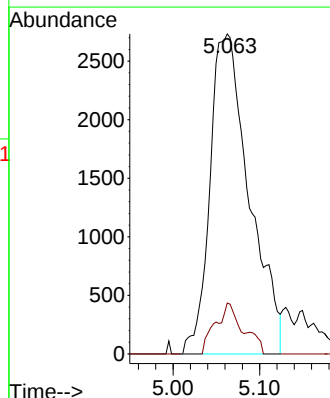
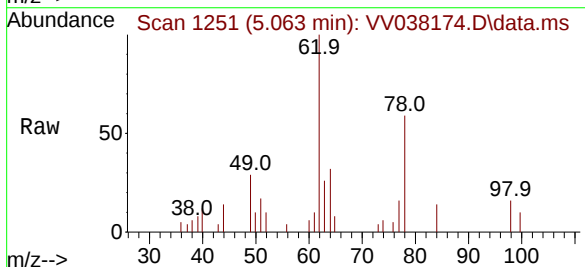
Acq: 19 Nov 2024 13:17

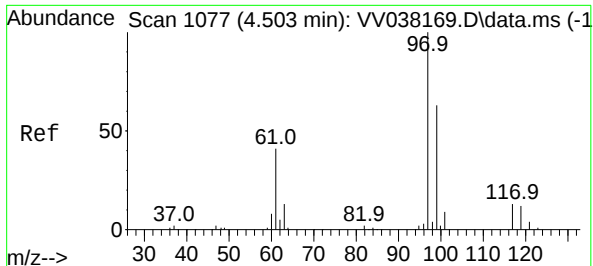
Tgt Ion: 62 Resp: 8609

Ion Ratio Lower Upper

62 100

98 15.9 8.2 12.4#





#29

1,1,1-Trichloroethane

Concen: 0.458 ug/L

RT: 4.506 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

ClientSampleId :

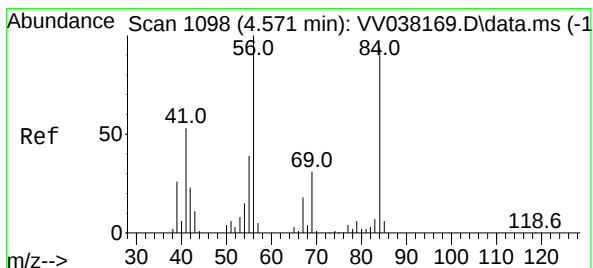
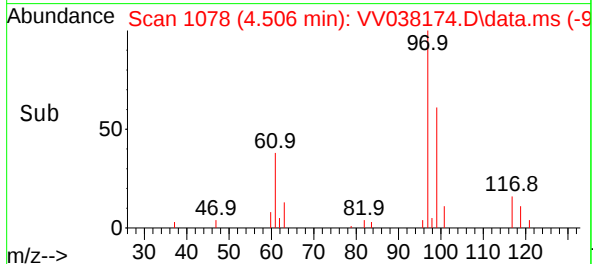
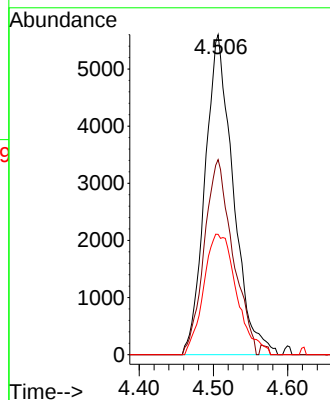
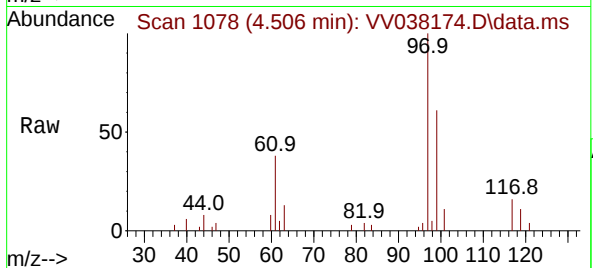
Tgt Ion: 97 Resp: 14790

Ion Ratio Lower Upper

97 100

99 61.7 51.8 77.8

61 44.0 32.2 48.2



#30

Cyclohexane

Concen: 0.430 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.003 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

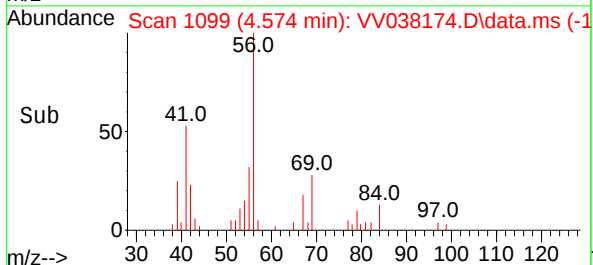
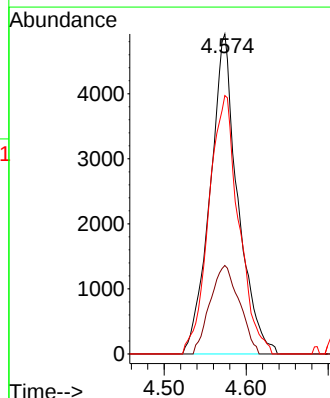
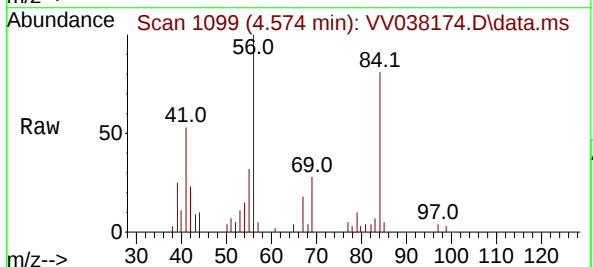
Tgt Ion: 56 Resp: 11521

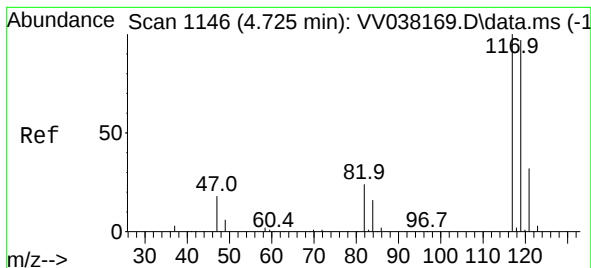
Ion Ratio Lower Upper

56 100

69 29.3 26.0 39.0

84 87.5 75.6 113.4





#31

Carbon tetrachloride

Concen: 0.446 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

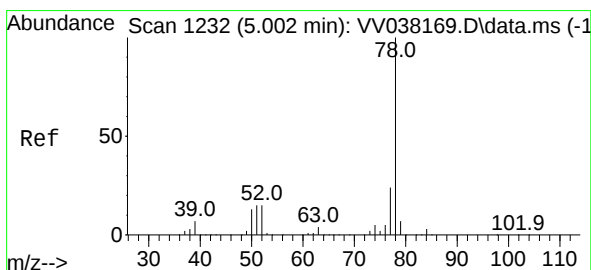
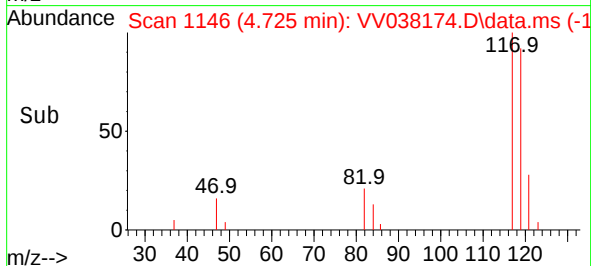
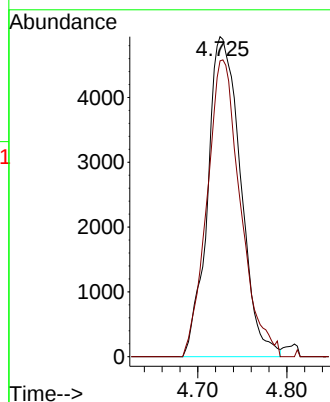
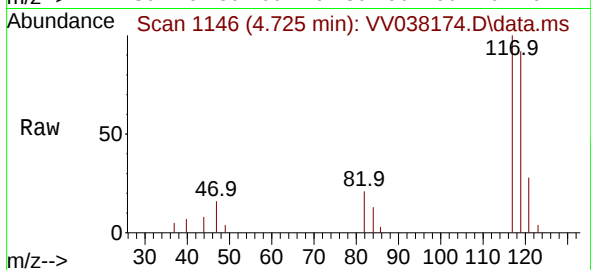
ClientSampleId :

Tgt Ion:117 Resp: 12707

Ion Ratio Lower Upper

117 100

119 93.9 77.4 116.2



#33

Benzene

Concen: 0.400 ug/L

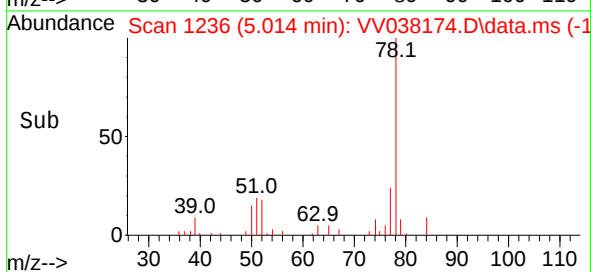
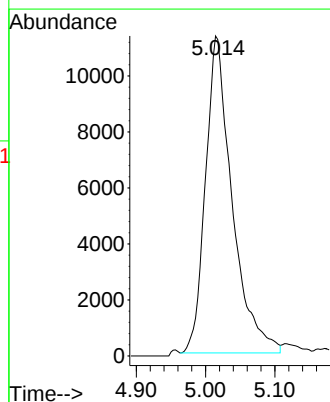
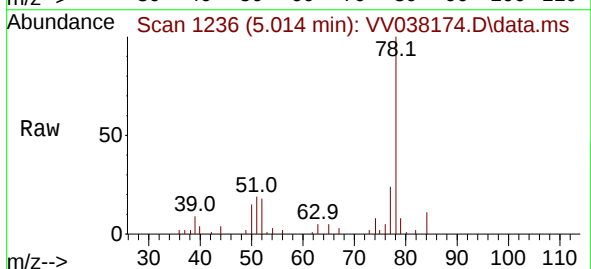
RT: 5.014 min Scan# 1236

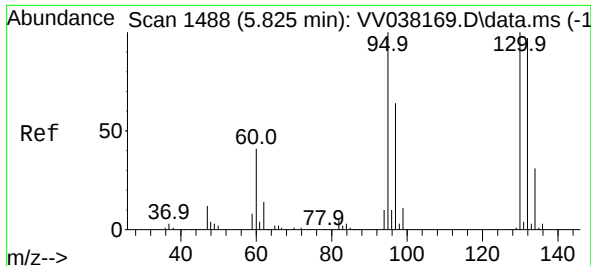
Delta R.T. 0.013 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Tgt Ion: 78 Resp: 30225





#34

Trichloroethene

Concen: 0.453 ug/L

RT: 5.844 min Scan# 1488

Delta R.T. 0.019 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 9336

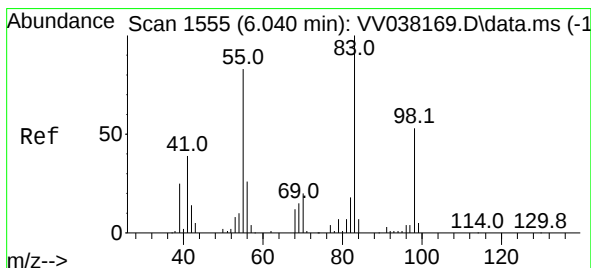
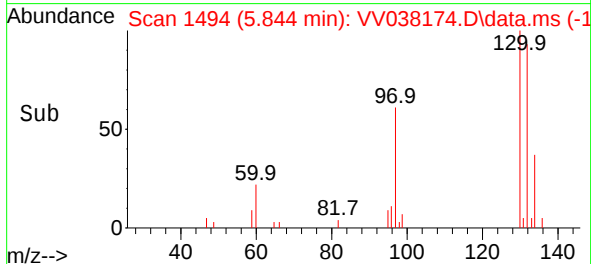
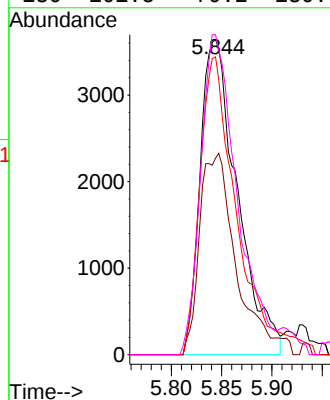
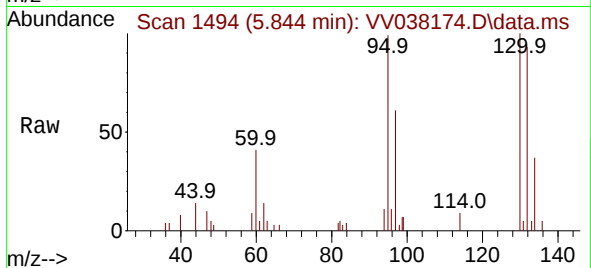
Ion Ratio Lower Upper

95 100

97 62.3 44.8 83.2

132 94.5 68.3 126.8

130 101.5 70.2 130.4



#35

Methylcyclohexane

Concen: 0.431 ug/L

RT: 6.046 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

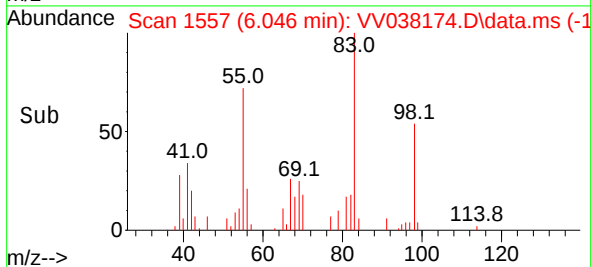
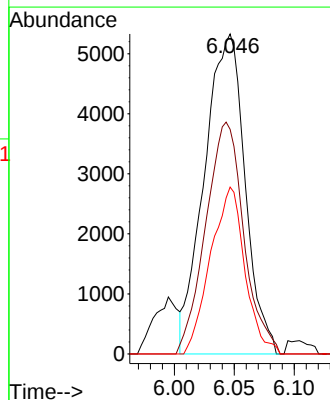
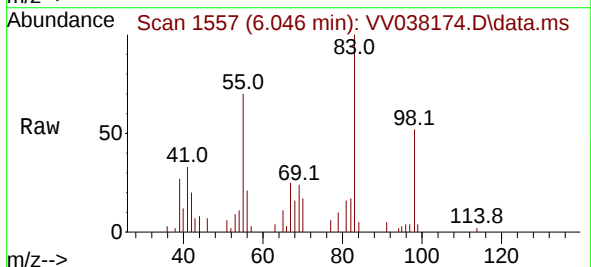
Tgt Ion: 83 Resp: 12556

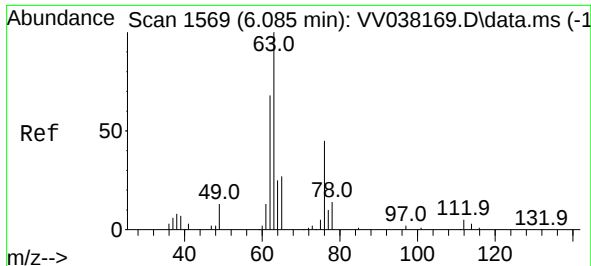
Ion Ratio Lower Upper

83 100

55 68.0 59.7 89.5

98 44.1 39.0 58.4

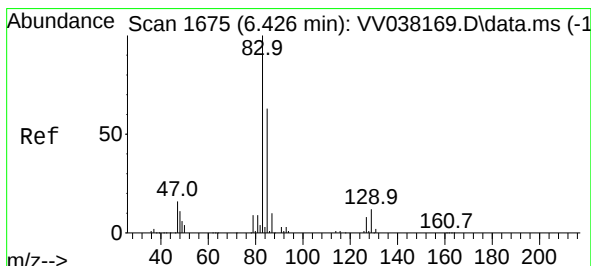
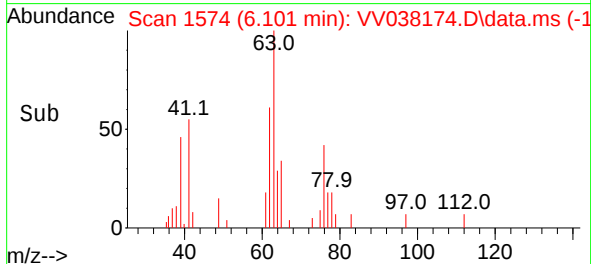
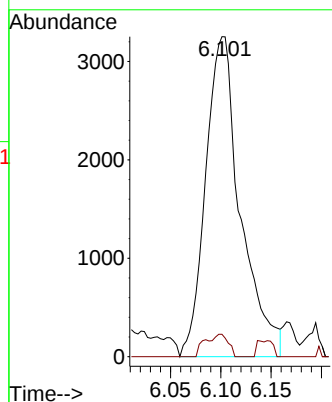
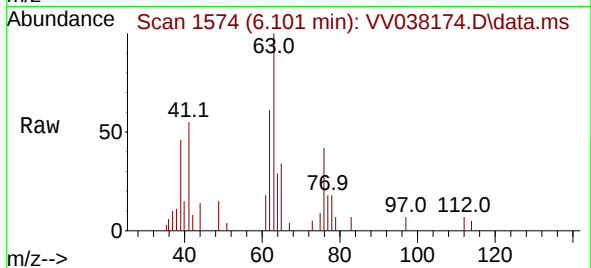




#37
1,2-Dichloropropane
Concen: 0.413 ug/L
RT: 6.101 min Scan# 1569
Delta R.T. 0.016 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

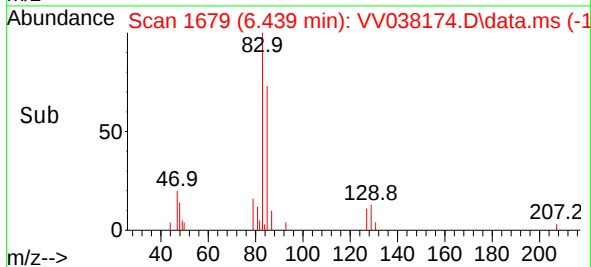
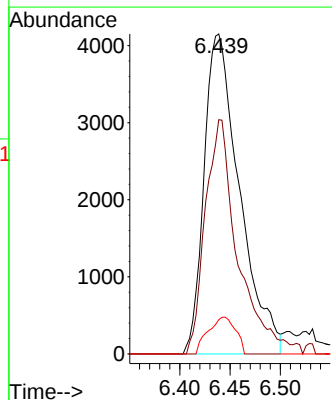
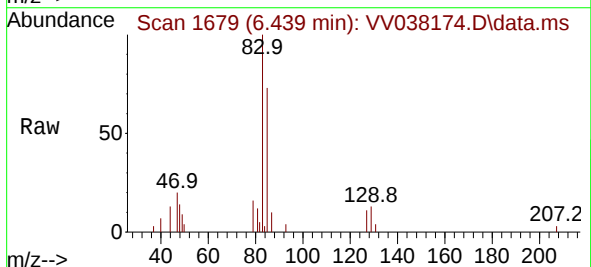
Instrument :
MSVOA_V
ClientSampleId :

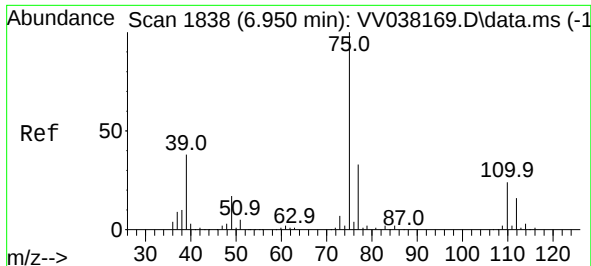
Tgt Ion: 63 Resp: 7818
Ion Ratio Lower Upper
63 100
112 4.6 3.9 5.9



#38
Bromodichloromethane
Concen: 0.400 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. 0.013 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

Tgt Ion: 83 Resp: 10186
Ion Ratio Lower Upper
83 100
85 73.2 43.9 81.5
127 10.7 6.7 10.1#





#39

cis-1,3-Dichloropropene

Concen: 0.318 ug/L

RT: 6.976 min Scan# 11

Delta R.T. 0.026 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

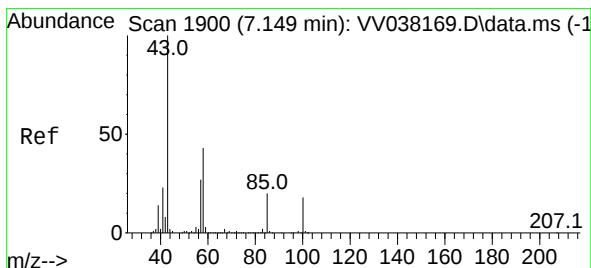
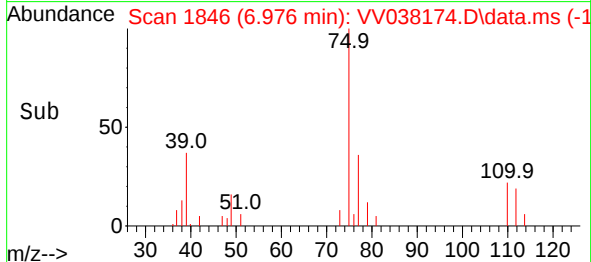
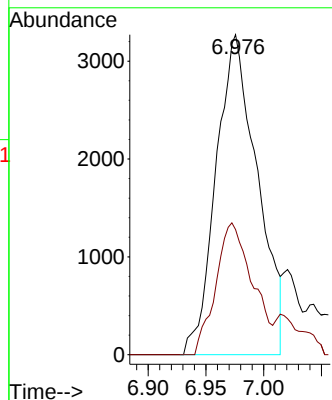
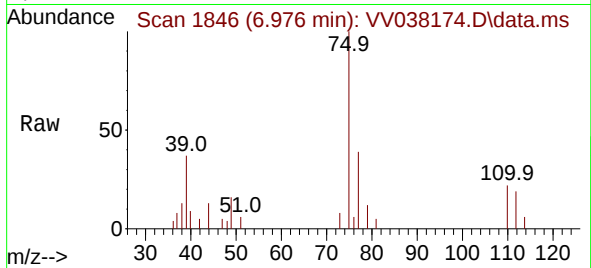
ClientSampleId :

Tgt Ion: 75 Resp: 8150

Ion Ratio Lower Upper

75 100

77 39.1 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 3.587 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.016 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

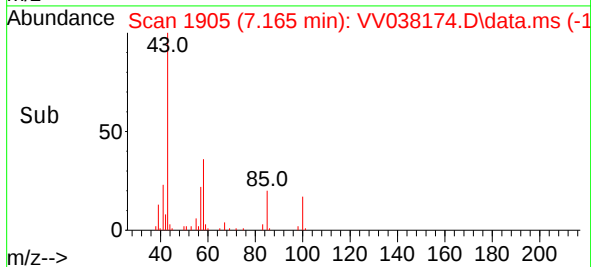
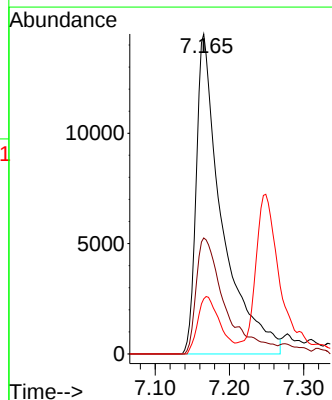
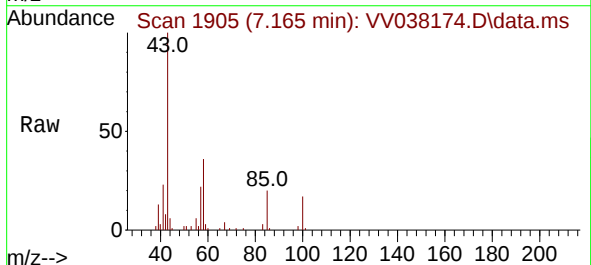
Tgt Ion: 43 Resp: 34972

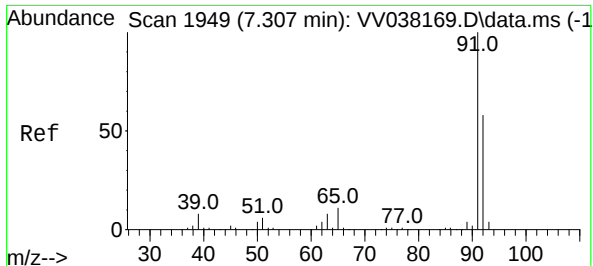
Ion Ratio Lower Upper

43 100

58 40.7 33.4 50.2

100 15.5 14.3 21.5





#42

Toluene

Concen: 0.390 ug/L

RT: 7.323 min Scan# 1949

Delta R.T. 0.016 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

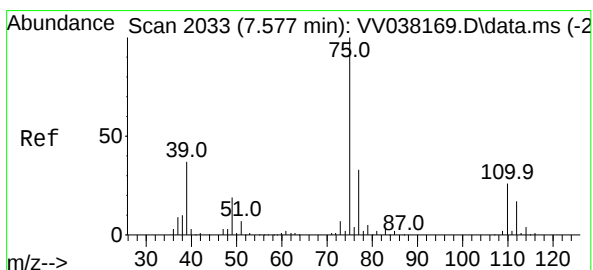
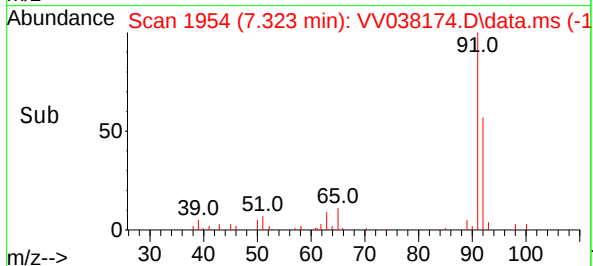
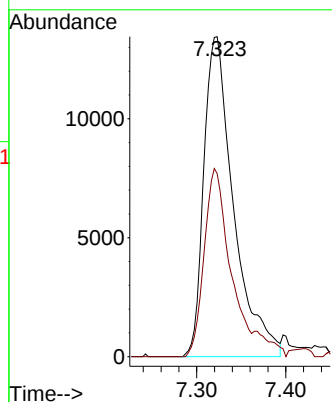
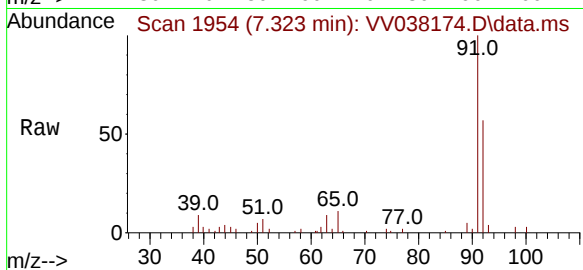
ClientSampleId :

Tgt Ion: 91 Resp: 31202

Ion Ratio Lower Upper

91 100

92 57.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.319 ug/L

RT: 7.603 min Scan# 2041

Delta R.T. 0.026 min

Lab File: VV038174.D

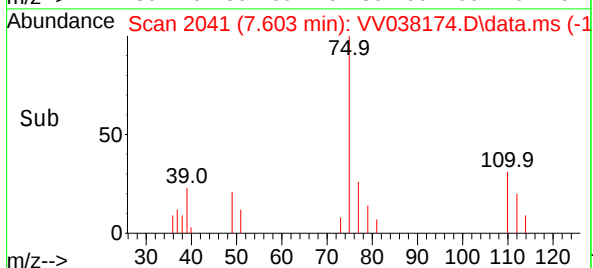
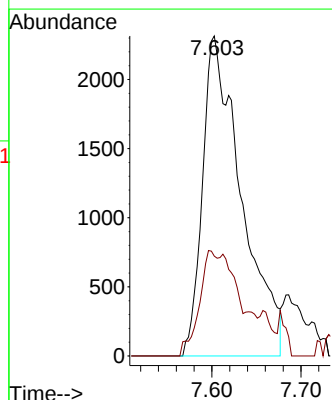
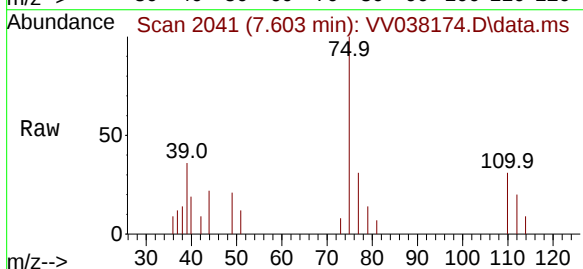
Acq: 19 Nov 2024 13:17

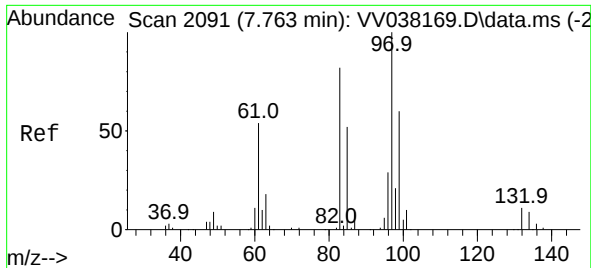
Tgt Ion: 75 Resp: 7021

Ion Ratio Lower Upper

75 100

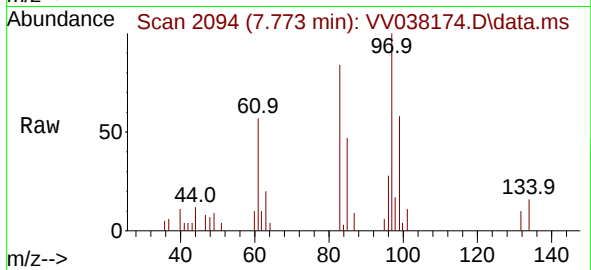
77 31.2 23.4 43.4



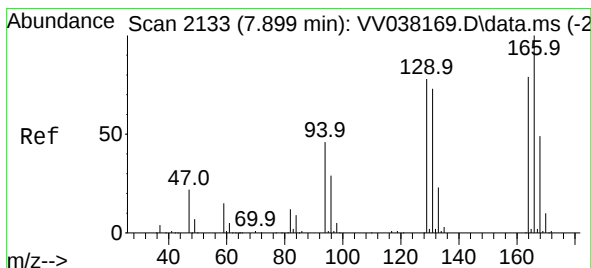
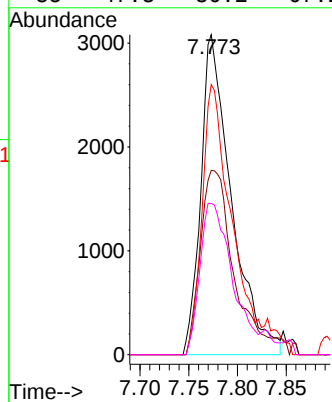
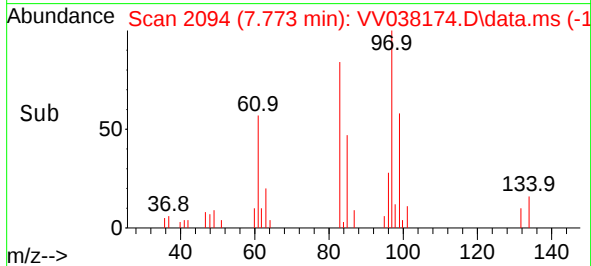


#45
1,1,2-Trichloroethane
Concen: 0.438 ug/L
RT: 7.773 min Scan# 2091
Delta R.T. 0.010 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

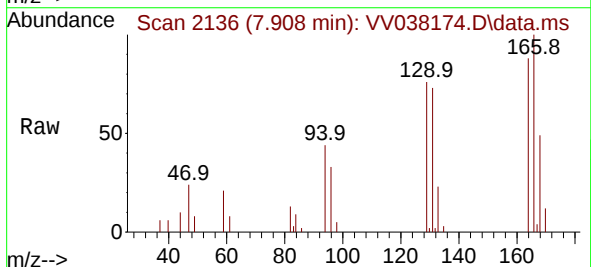
Instrument :
MSVOA_V
ClientSampleId :



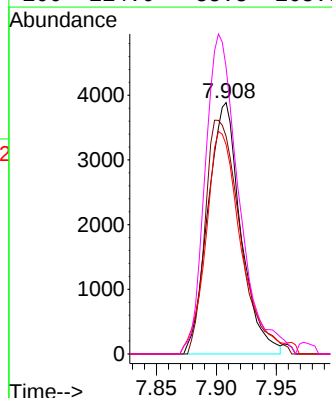
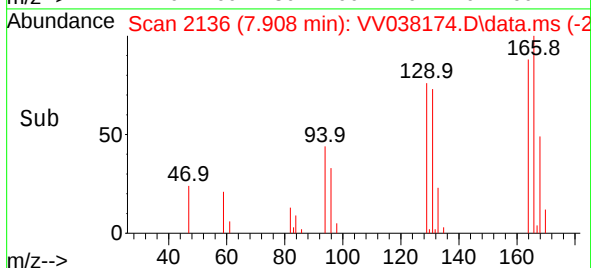
Tgt Ion:	97	Resp:	6728
Ion	Ratio	Lower	Upper
97	100		
99	57.6	41.9	77.7
83	84.4	57.7	107.1
85	47.3	36.2	67.2

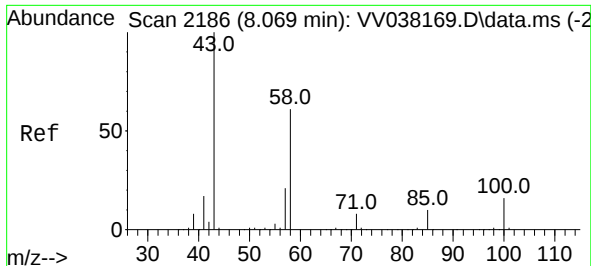


#47
Tetrachloroethene
Concen: 0.446 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.010 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17



Tgt Ion:	164	Resp:	7388
Ion	Ratio	Lower	Upper
164	100		
129	86.6	68.5	127.1
131	83.3	64.8	120.4
166	114.0	88.3	163.9





#48

2-Hexanone

Concen: 3.222 ug/L

RT: 8.095 min Scan# 21681

Delta R.T. 0.026 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 21681

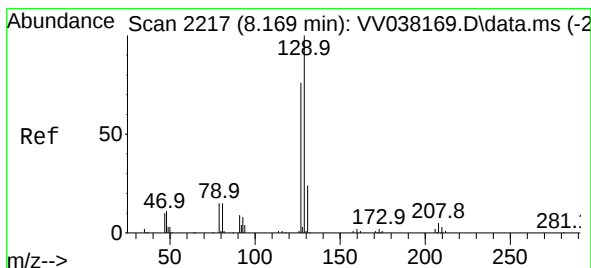
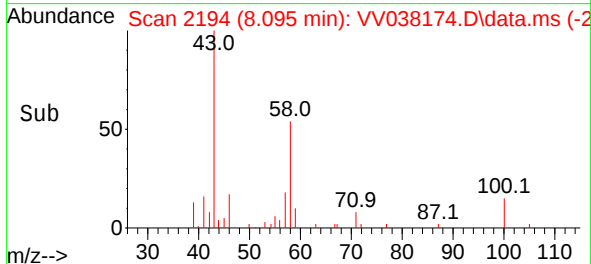
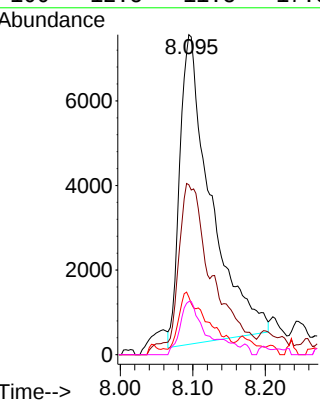
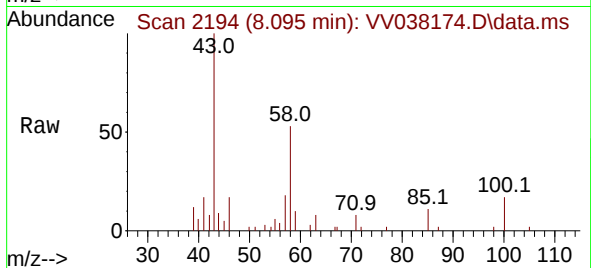
Ion Ratio Lower Upper

43 100

58 61.9 49.2 73.8

57 19.3 16.9 25.3

100 12.5 11.8 17.8



#49

Dibromochloromethane

Concen: 0.397 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.010 min

Lab File: VV038174.D

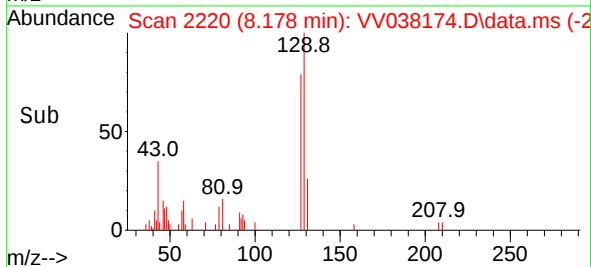
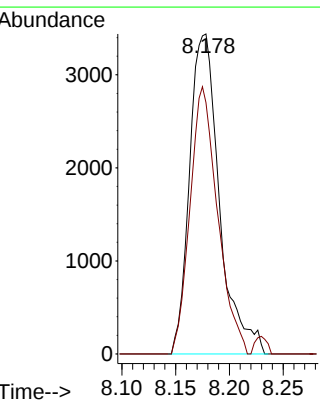
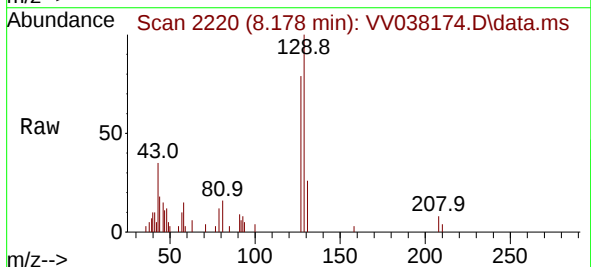
Acq: 19 Nov 2024 13:17

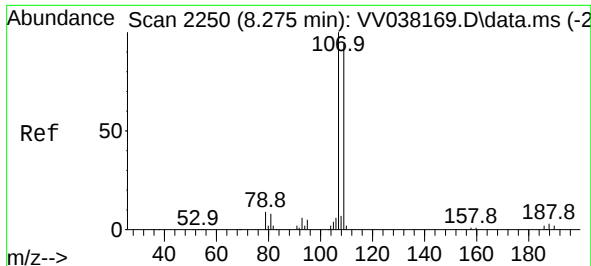
Tgt Ion: 129 Resp: 6642

Ion Ratio Lower Upper

129 100

127 78.5 53.5 99.3

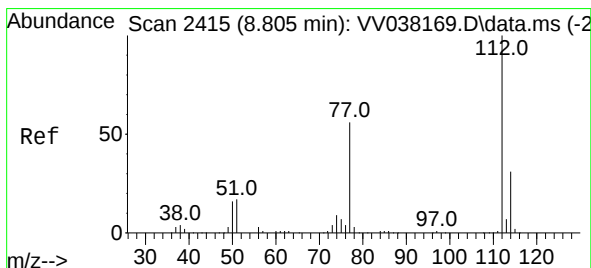
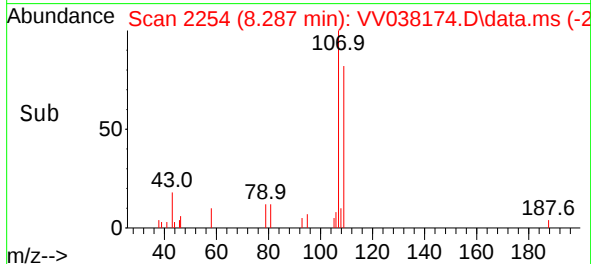
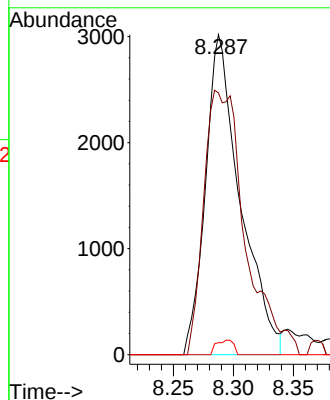
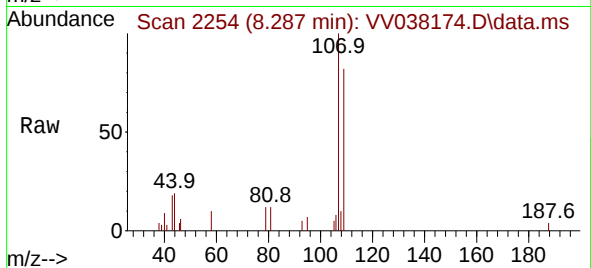




#50
1,2-Dibromoethane
Concen: 0.428 ug/L
RT: 8.287 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

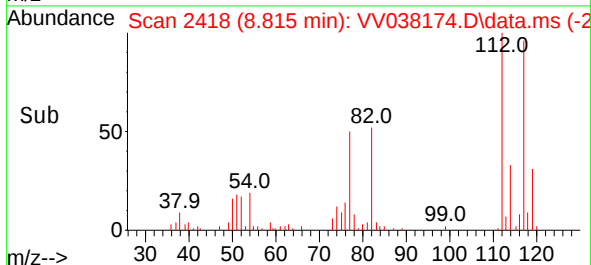
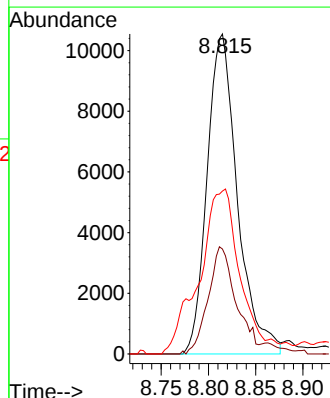
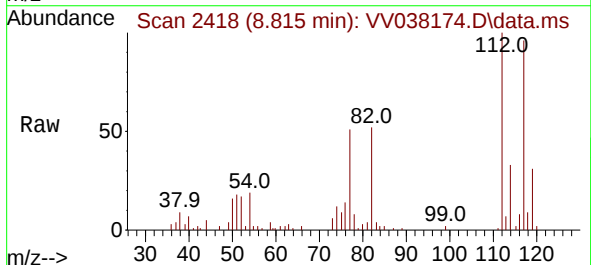
Instrument :
MSVOA_V
ClientSampleId :

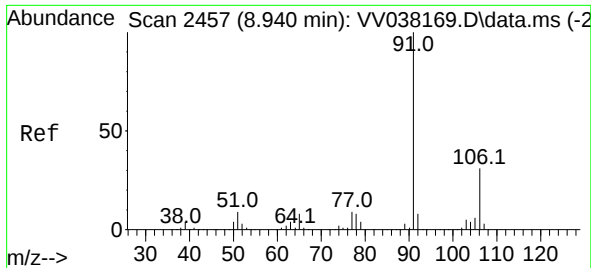
Tgt Ion:	107	Resp:	6094
Ion	Ratio	Lower	Upper
107	100		
109	81.8	66.1	122.7
188	3.7	2.6	3.8



#51
Chlorobenzene
Concen: 0.427 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.010 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

Tgt Ion:	112	Resp:	23562
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.0	40.8
77	50.9	45.0	67.4

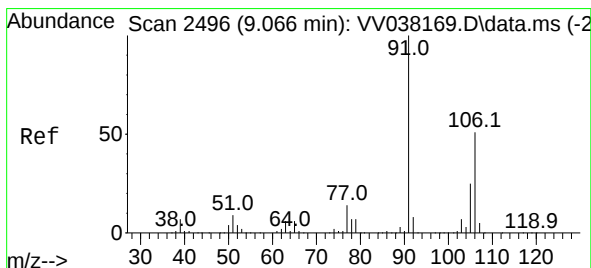
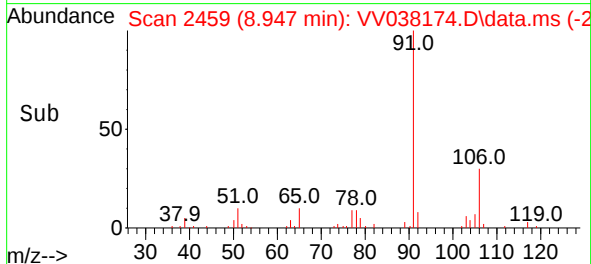
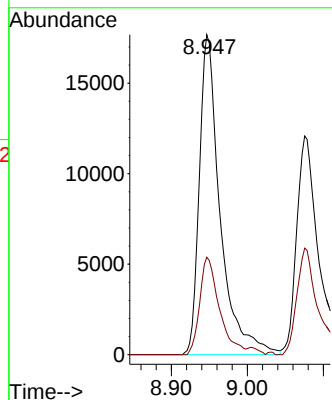
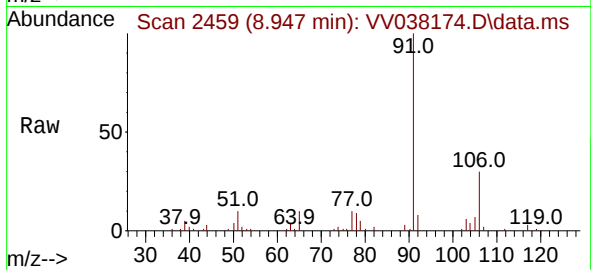




#52
Ethylbenzene
Concen: 0.395 ug/L
RT: 8.947 min Scan# 2457
Delta R.T. 0.006 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

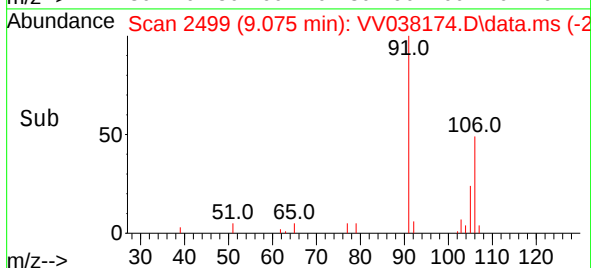
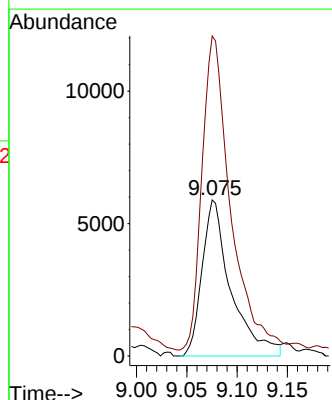
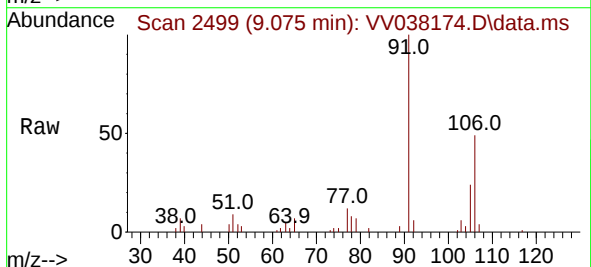
Instrument :
MSVOA_V
ClientSampleId :

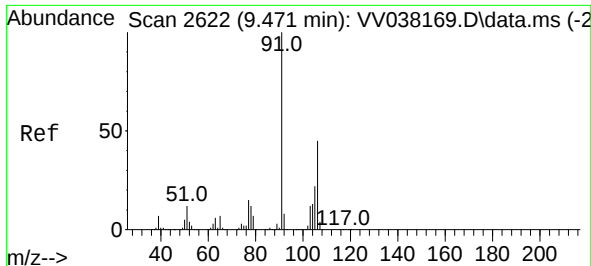
Tgt Ion: 91 Resp: 33596
Ion Ratio Lower Upper
91 100
106 30.4 21.8 40.4



#53
m,p-Xylene
Concen: 0.366 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.010 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

Tgt Ion: 106 Resp: 11751
Ion Ratio Lower Upper
106 100
91 205.1 138.7 257.5

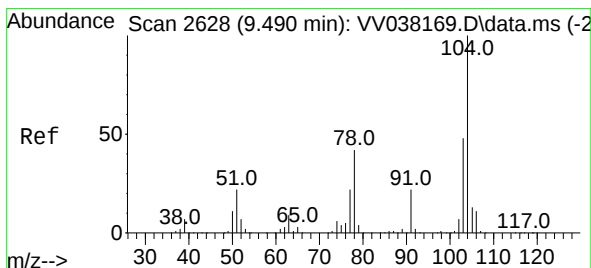
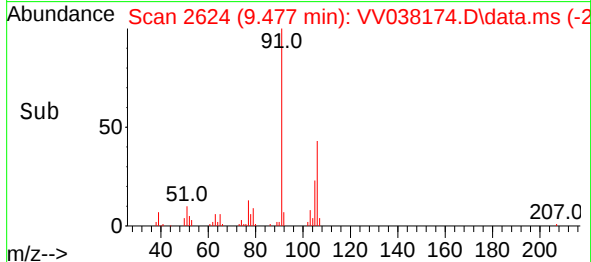
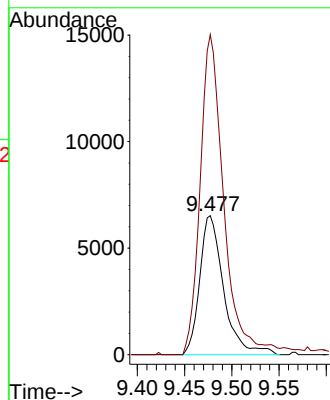
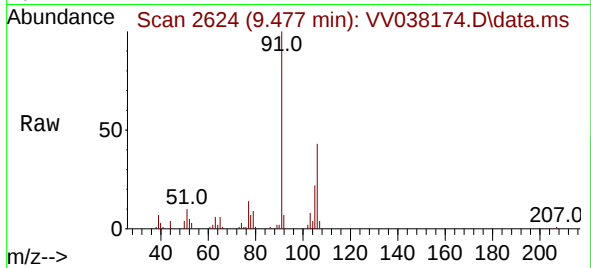




#54
o-Xylene
Concen: 0.368 ug/L
RT: 9.477 min Scan# 2622
Delta R.T. 0.006 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

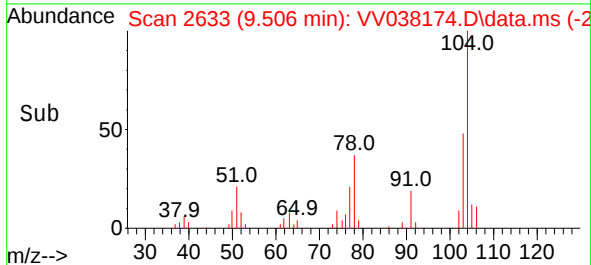
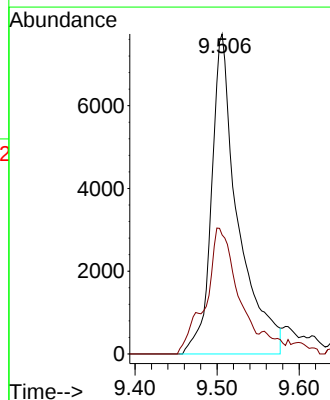
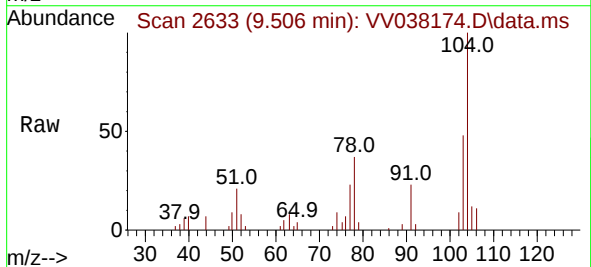
Instrument :
MSVOA_V
ClientSampleId :

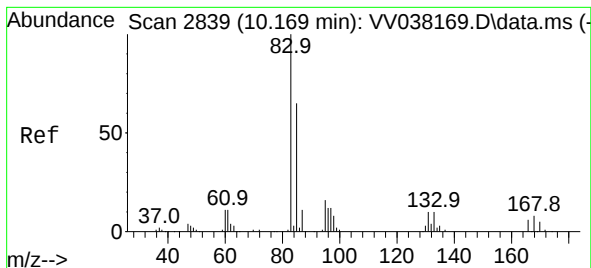
Tgt Ion:106 Resp: 11476
Ion Ratio Lower Upper
106 100
91 230.1 155.5 288.7



#55
Styrene
Concen: 0.318 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.016 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

Tgt Ion:104 Resp: 17260
Ion Ratio Lower Upper
104 100
78 37.2 29.7 55.1





#57

1,1,2-Tetrachloroethane

Concen: 0.451 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.010 min

Lab File: VV038174.D

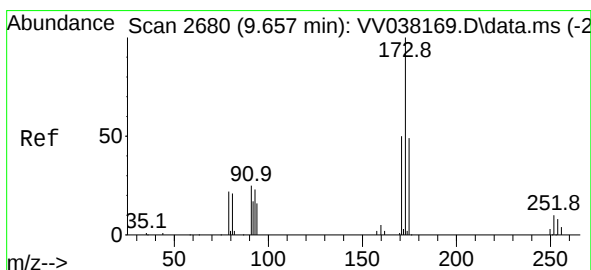
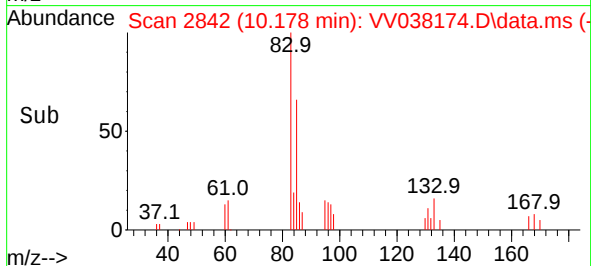
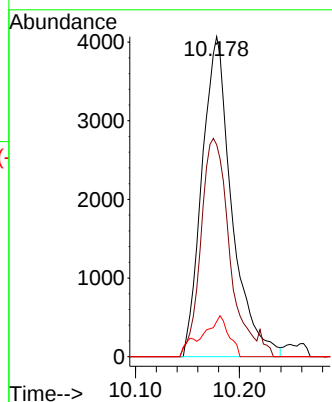
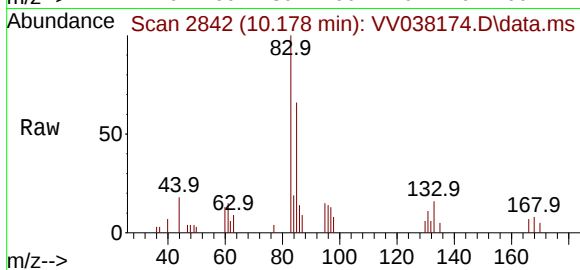
Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	8100
Ion Ratio	Lower	Upper	
83	100		
85	66.2	45.7	84.9
131	11.0	8.2	12.4



#59

Bromoform

Concen: 0.394 ug/L

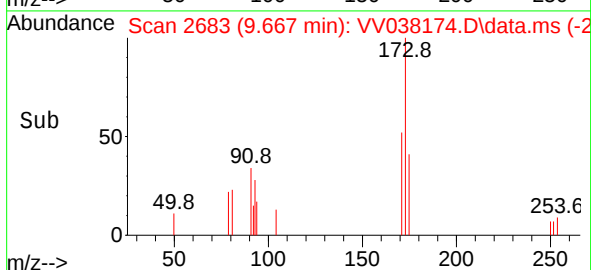
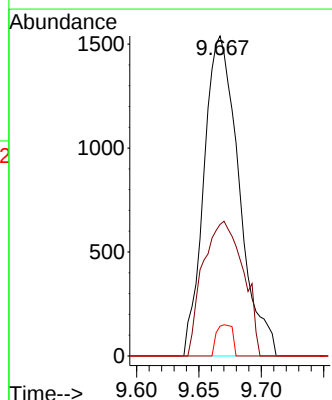
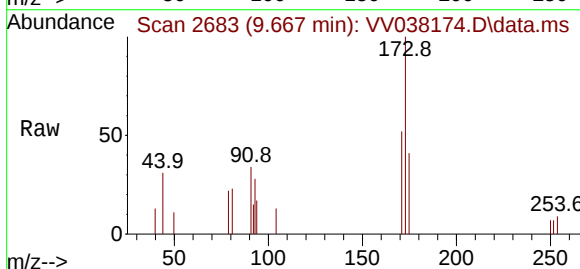
RT: 9.667 min Scan# 2683

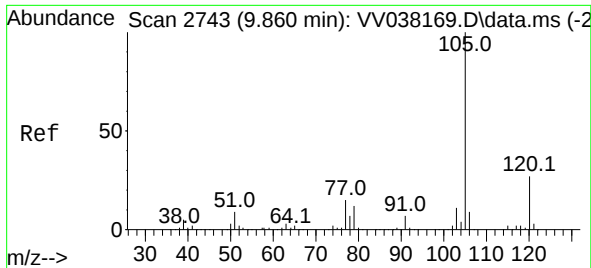
Delta R.T. 0.010 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

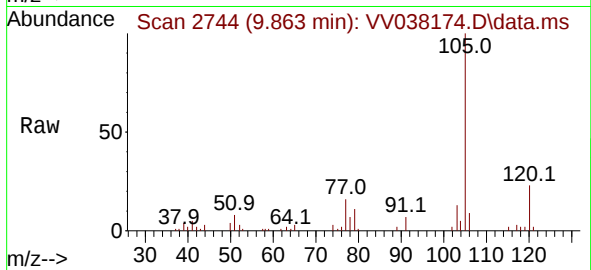
Tgt Ion:	173	Resp:	3011
Ion Ratio	Lower	Upper	
173	100		
175	48.3	38.5	57.7
254	4.5	6.9	10.3



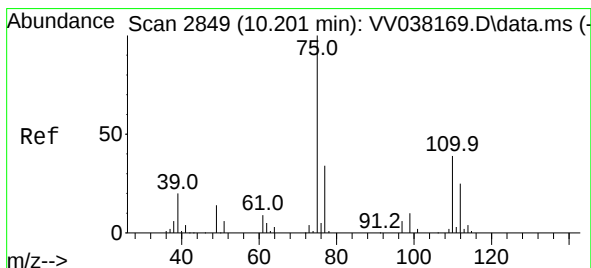
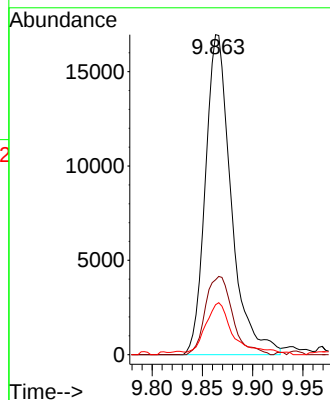
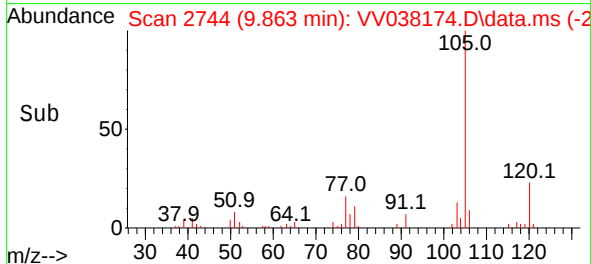


#60
Isopropylbenzene
Concen: 0.399 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

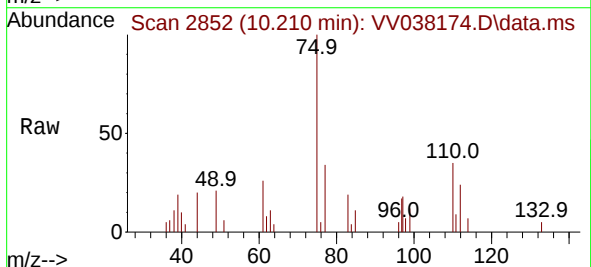
Instrument :
MSVOA_V
ClientSampleId :



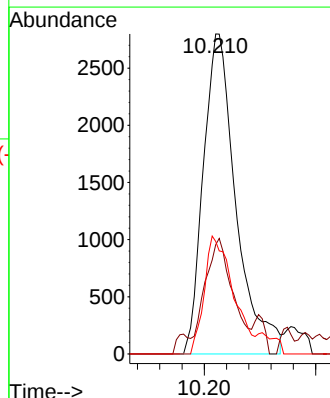
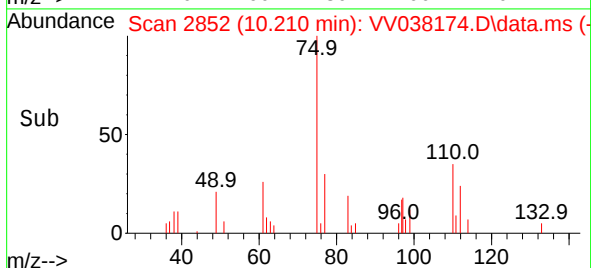
Tgt Ion:105 Resp: 30222
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 17.7 12.2 18.2

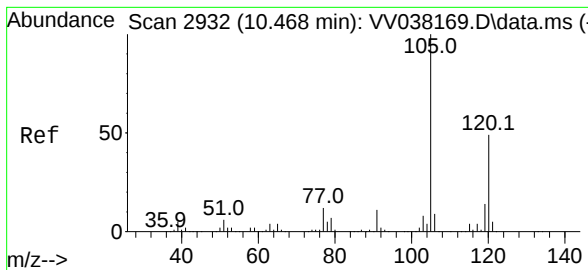


#61
1,2,3-Trichloropropane
Concen: 0.506 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.010 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17



Tgt Ion: 75 Resp: 5696
Ion Ratio Lower Upper
75 100
77 24.0 26.4 39.6#
110 32.6 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 0.399 ug/L

RT: 10.474 min Scan# 2932

Delta R.T. 0.006 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

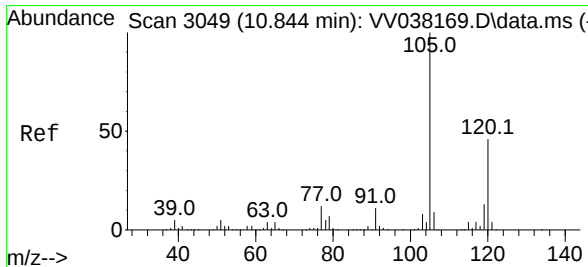
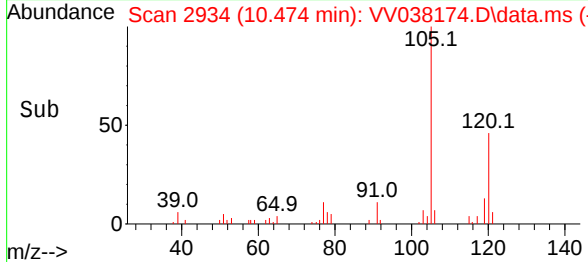
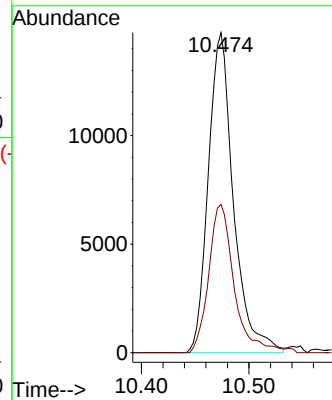
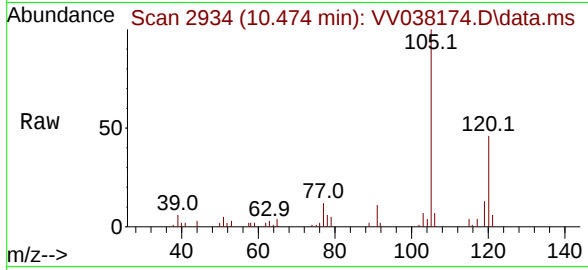
ClientSampleId :

Tgt Ion:105 Resp: 23963

Ion Ratio Lower Upper

105 100

120 47.0 39.2 58.8



#63

1,2,4-Trimethylbenzene

Concen: 0.361 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV038174.D

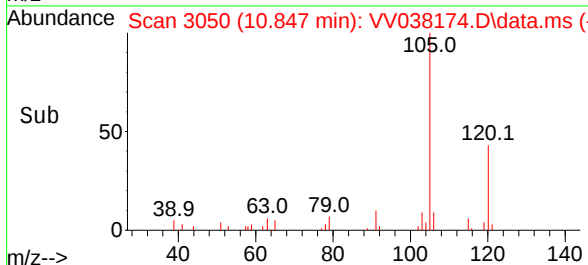
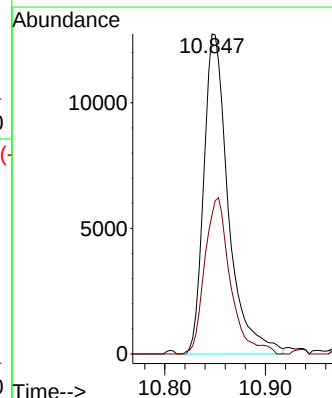
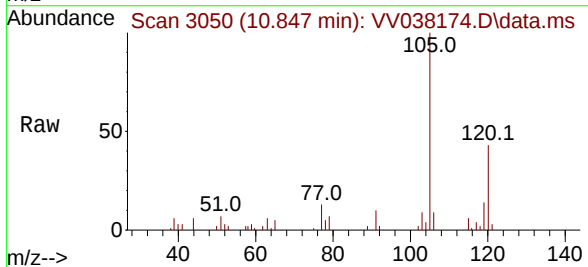
Acq: 19 Nov 2024 13:17

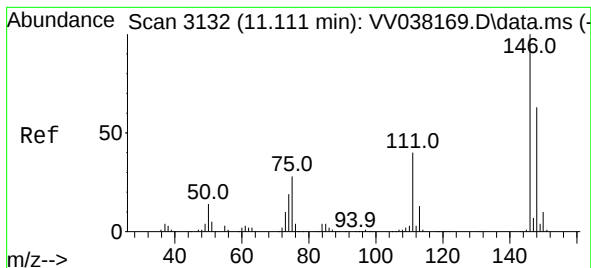
Tgt Ion:105 Resp: 21643

Ion Ratio Lower Upper

105 100

120 50.7 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 0.450 ug/L

RT: 11.120 min Scan# 3132

Delta R.T. 0.010 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

ClientSampleId :

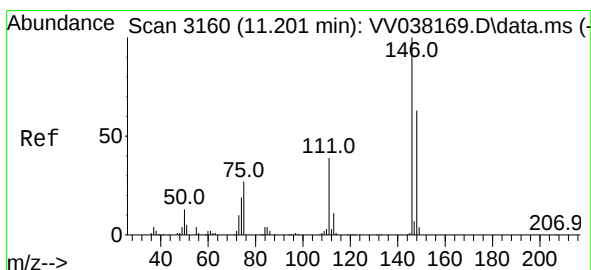
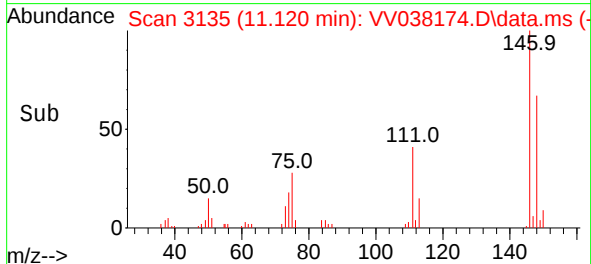
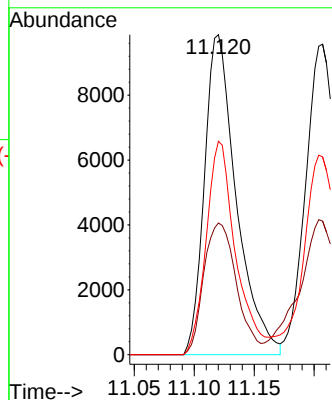
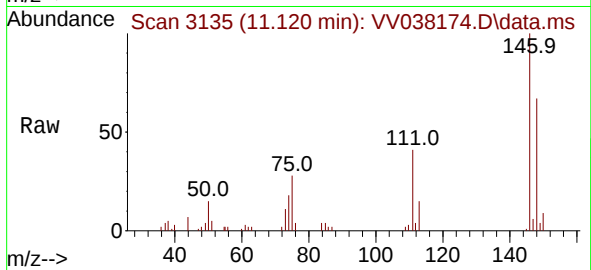
Tgt Ion:146 Resp: 18276

Ion Ratio Lower Upper

146 100

111 41.1 28.2 52.4

148 66.7 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 0.461 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.006 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

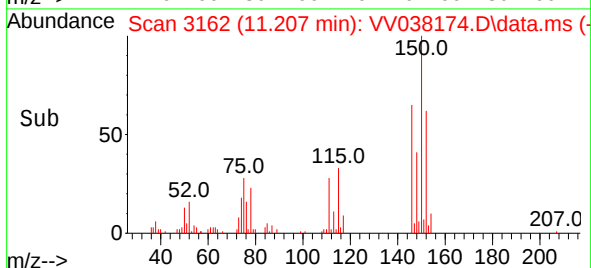
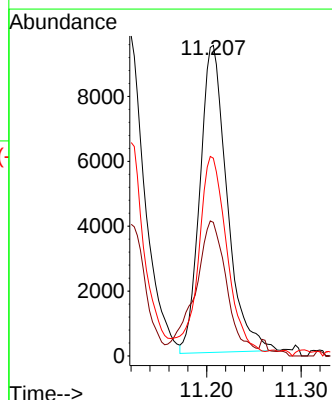
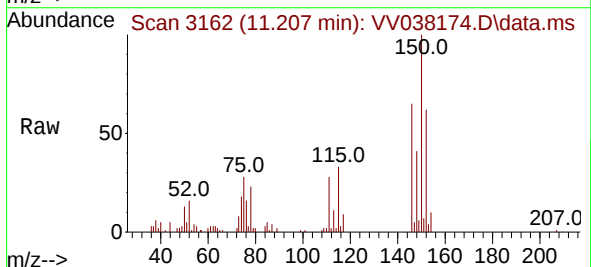
Tgt Ion:146 Resp: 18922

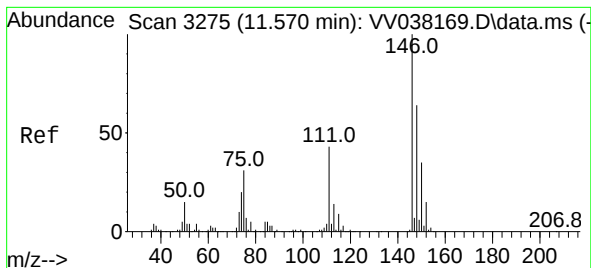
Ion Ratio Lower Upper

146 100

111 43.0 27.4 50.8

148 63.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 0.455 ug/L

RT: 11.577 min Scan# 3275

Delta R.T. 0.006 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

ClientSampleId :

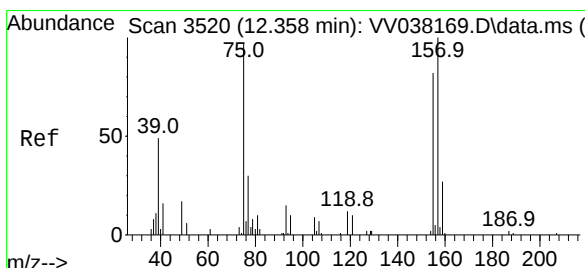
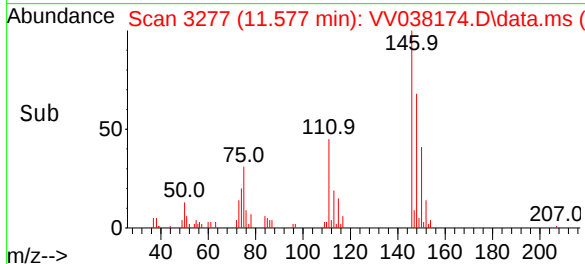
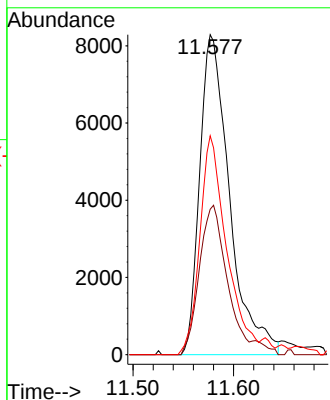
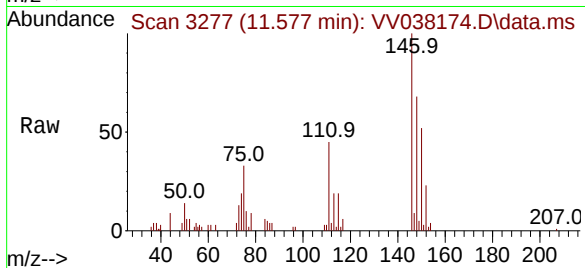
Tgt Ion:146 Resp: 17107

Ion Ratio Lower Upper

146 100

111 45.5 34.2 51.2

148 68.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.310 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.013 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

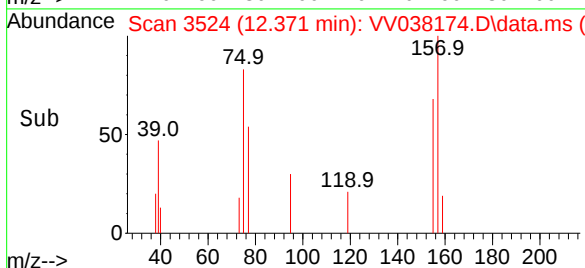
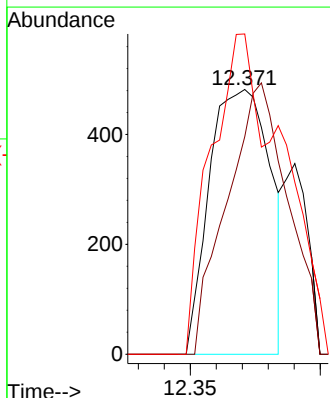
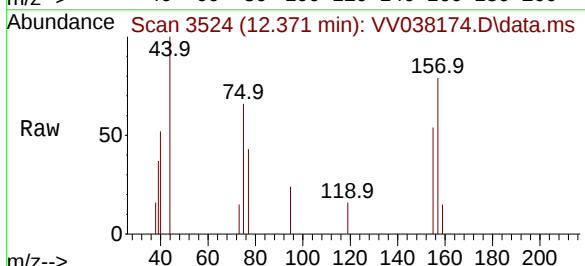
Tgt Ion: 75 Resp: 782

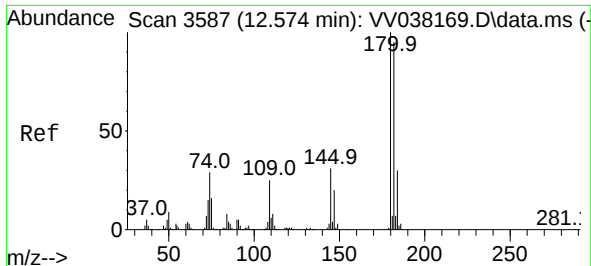
Ion Ratio Lower Upper

75 100

155 82.2 67.5 101.3

157 121.0 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 0.467 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.006 min

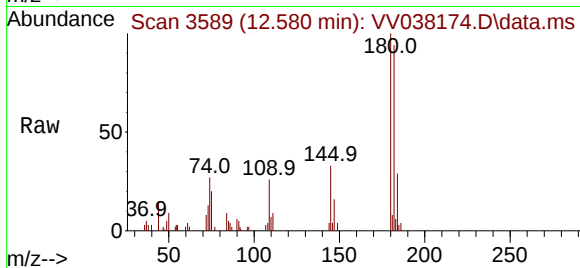
Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 13436

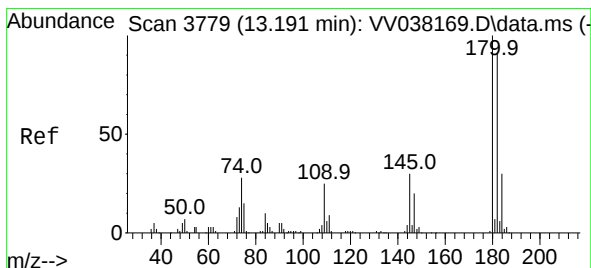
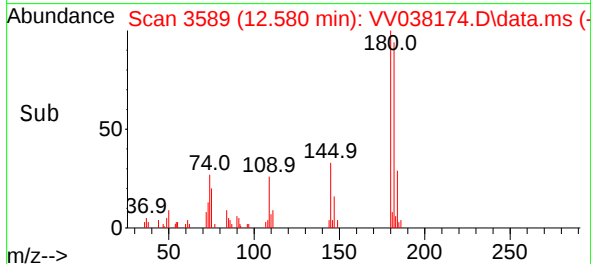
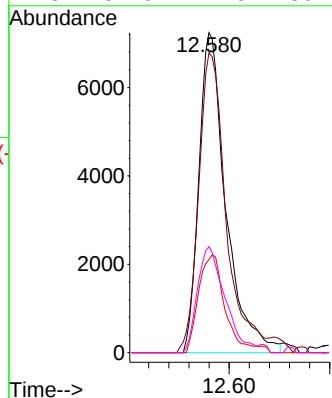
Ion Ratio Lower Upper

180 100

182 95.3 76.0 114.0

184 29.6 23.7 35.5

145 34.5 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 0.438 ug/L

RT: 13.200 min Scan# 3782

Delta R.T. 0.010 min

Lab File: VV038174.D

Acq: 19 Nov 2024 13:17

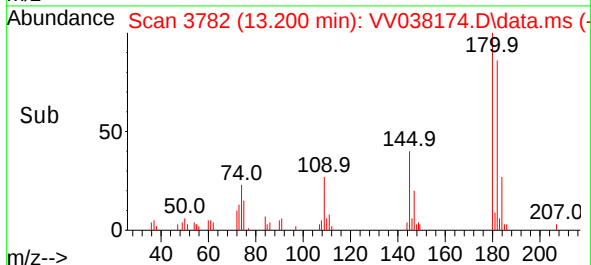
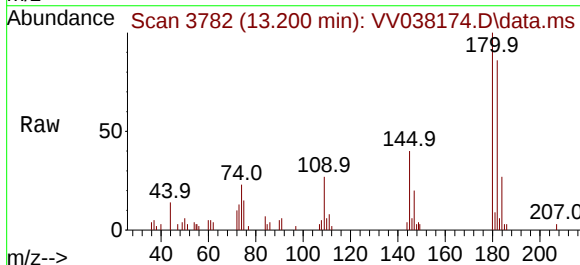
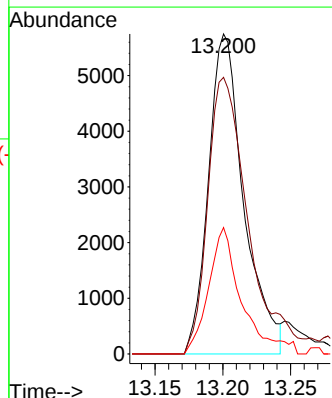
Tgt Ion:180 Resp: 10417

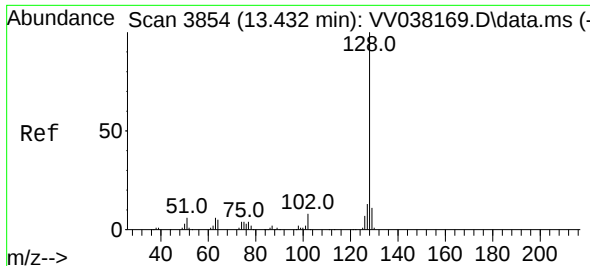
Ion Ratio Lower Upper

180 100

182 100.4 73.8 110.8

145 36.8 24.6 37.0

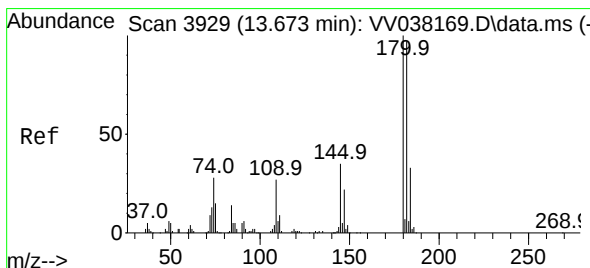
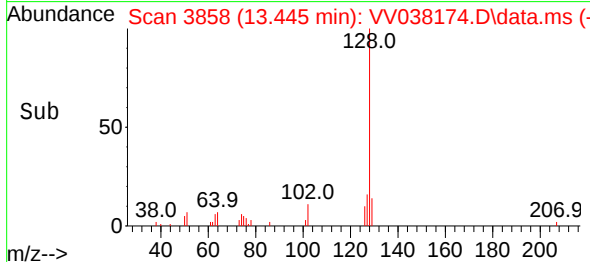
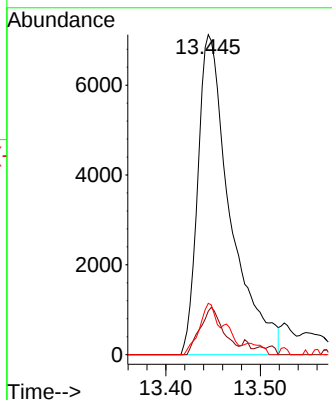
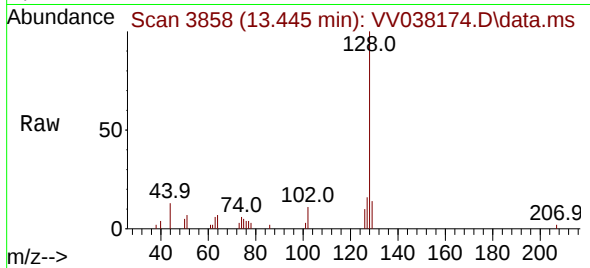




#71
Naphthalene
Concen: 0.458 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.013 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 16944
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 8.8 10.1 15.1#



#72
1,2,3-Trichlorobenzene
Concen: 0.447 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.006 min
Lab File: VV038174.D
Acq: 19 Nov 2024 13:17

Tgt Ion:180 Resp: 9825
Ion Ratio Lower Upper
180 100
182 97.3 75.1 112.7
145 35.8 27.0 40.4

