

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120624\
 Data File : VV038419.D
 Acq On : 05 Dec 2024 14:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 06 05:27:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 28 00:29:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	219175	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	231963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	127877	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	50806	3.024	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.400%
7) Chloroethane-d5	1.526	69	50277	3.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.050	65	24783	3.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.805	46	186478	55.489	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.980%
24) Chloroform-d	4.240	84	147308	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	4.937	65	69694	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	4.950	84	242559	4.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	5.982	67	82096	4.450	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.236	98	226110	4.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.555	79	28959	4.222	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.021	63	125391	47.031	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.060%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	78880	5.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	88986	4.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	98423	4.746	ug/L	99
3) Chloromethane	1.211	50	92036	5.154	ug/L	100
5) Vinyl chloride	1.278	62	96966	4.792	ug/L	96
6) Bromomethane	1.484	94	53626	6.797	ug/L	97
8) Chloroethane	1.545	64	60792	4.715	ug/L	97
9) Trichlorofluoromethane	1.706	101	138642	4.815	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	81446	4.956	ug/L	95
12) 1,1-Dichloroethene	2.063	96	73649	4.705	ug/L #	83
13) Acetone	2.137	43	134334	54.047	ug/L	98
14) Carbon disulfide	2.233	76	217411	4.311	ug/L	99
15) Methyl Acetate	2.384	43	31114	5.155	ug/L	99
16) Methylene chloride	2.439	84	89093	4.991	ug/L	94
17) Methyl tert-butyl Ether	2.699	73	170863	4.827	ug/L	98
18) trans-1,2-Dichloroethene	2.687	96	77057	4.672	ug/L	98
19) 1,1-Dichloroethane	3.101	63	156856	5.240	ug/L	98
21) 2-Butanone	3.886	43	183138	51.338	ug/L	100
22) cis-1,2-Dichloroethene	3.809	96	83086	4.873	ug/L	95
23) Bromochloromethane	4.143	128	42448	5.098	ug/L	94
25) Chloroform	4.265	83	167625	5.234	ug/L	99

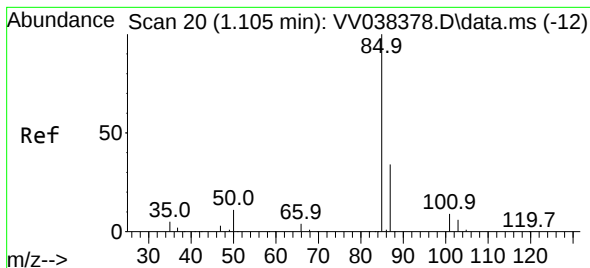
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120624\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 28 00:29:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	94328	5.413	ug/L	99
29) 1,1,1-Trichloroethane	4.500	97	139828	5.026	ug/L	98
30) Cyclohexane	4.568	56	104547	4.531	ug/L	95
31) Carbon tetrachloride	4.725	117	120338	4.903	ug/L	99
33) Benzene	5.002	78	326220	5.007	ug/L	100
34) Trichloroethene	5.828	95	85402	4.808	ug/L	99
35) Methylcyclohexane	6.040	83	107594	4.282	ug/L	96
37) 1,2-Dichloropropane	6.085	63	86875	5.323	ug/L #	97
38) Bromodichloromethane	6.426	83	116810	5.325	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	113339	4.975	ug/L	100
40) 4-Methyl-2-pentanone	7.149	43	470448	55.074	ug/L	96
42) Toluene	7.307	91	355113	5.146	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	98594	5.123	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	68409	5.168	ug/L	95
47) Tetrachloroethene	7.895	164	65867	4.615	ug/L	99
48) 2-Hexanone	8.069	43	352252	56.867	ug/L	95
49) Dibromochloromethane	8.169	129	75109	5.205	ug/L	98
50) 1,2-Dibromoethane	8.278	107	62880	5.124	ug/L	100
51) Chlorobenzene	8.809	112	224152	4.715	ug/L	100
52) Ethylbenzene	8.940	91	342440	4.678	ug/L	99
53) m,p-Xylene	9.066	106	132521	4.797	ug/L	96
54) o-Xylene	9.471	106	125989	4.685	ug/L	94
55) Styrene	9.490	104	233124	4.917	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	81162	5.244	ug/L	99
59) Bromoform	9.661	173	39498	5.307	ug/L	96
60) Isopropylbenzene	9.860	105	345529	4.691	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	56587	5.169	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	250069	4.279	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	253774	4.354	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	182812	4.623	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	192226	4.808	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	172064	4.701	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	11940	4.859	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	119412	4.262	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	93104	4.021	ug/L	98
71) Naphthalene	13.435	128	120043	3.332	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	86302	4.033	ug/L	99

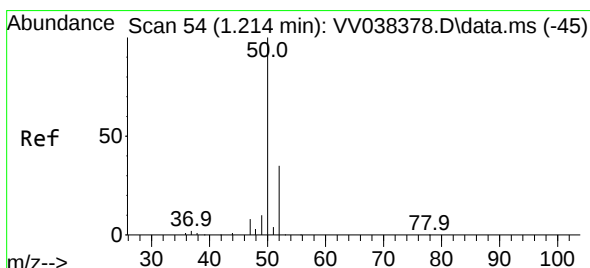
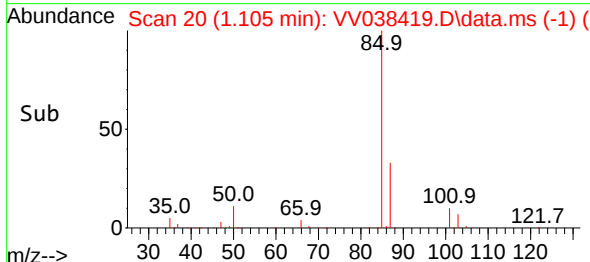
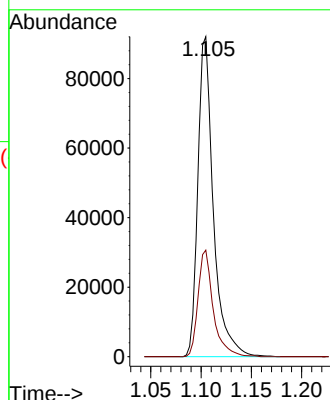
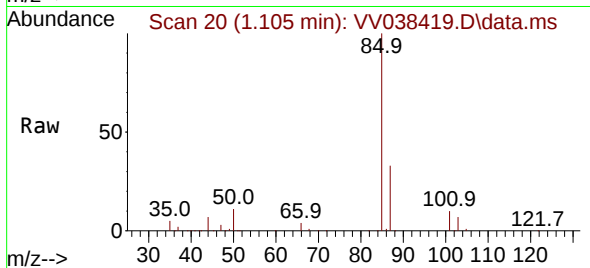
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.746 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038419.D
 Acq: 05 Dec 2024 14:59

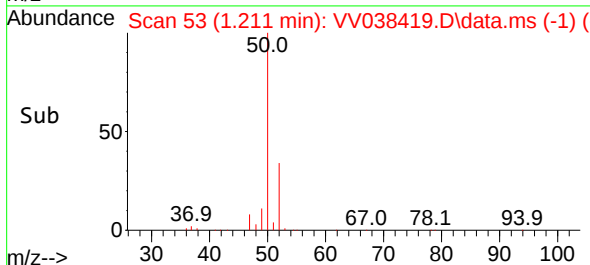
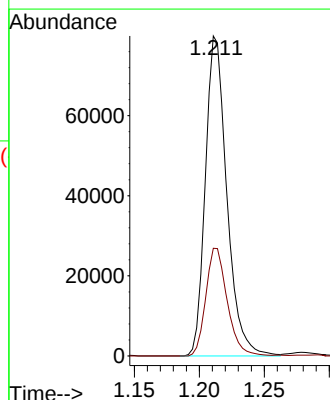
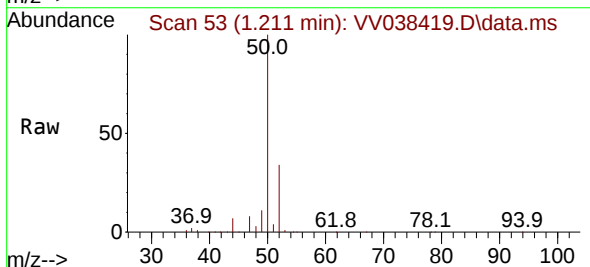
Instrument :
 MSVOA_V
 ClientSampleId :

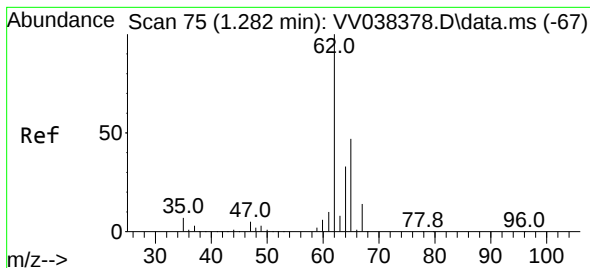
Tgt Ion: 85 Resp: 98423
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.5 39.7



#3
 Chloromethane
 Concen: 5.154 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.003 min
 Lab File: VV038419.D
 Acq: 05 Dec 2024 14:59

Tgt Ion: 50 Resp: 92036
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.5 43.7





#5

Vinyl chloride

Concen: 4.792 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Instrument :

MSVOA_V

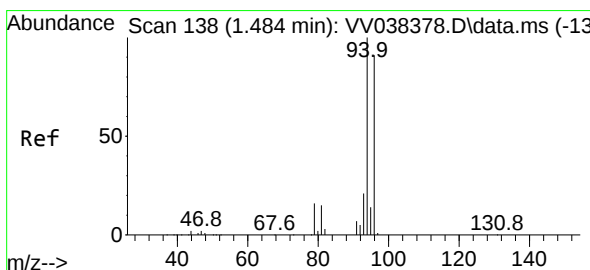
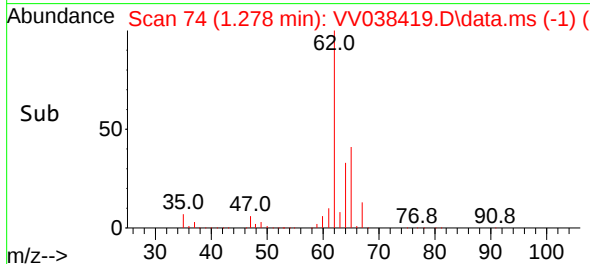
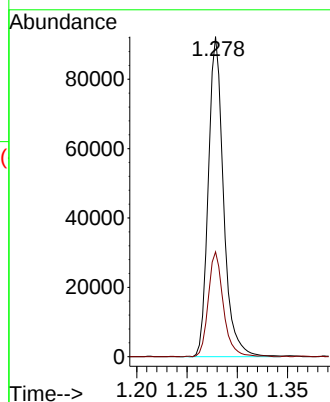
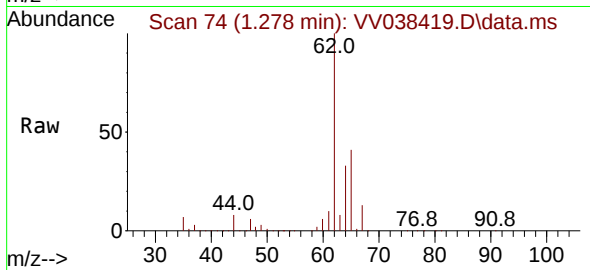
ClientSampleId :

Tgt Ion: 62 Resp: 96966

Ion Ratio Lower Upper

62 100

64 32.7 24.4 45.4



#6

Bromomethane

Concen: 6.797 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV038419.D

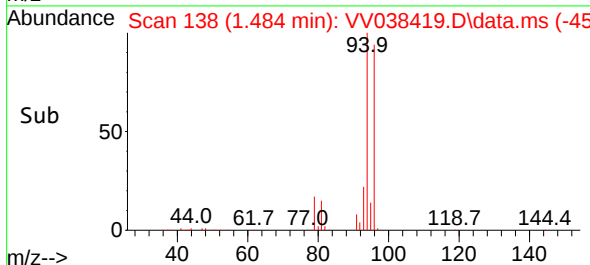
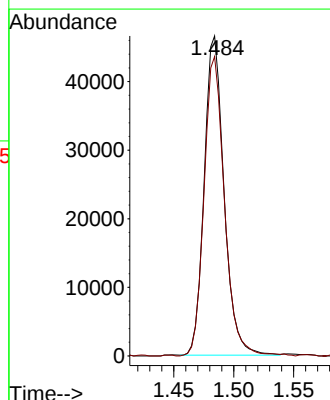
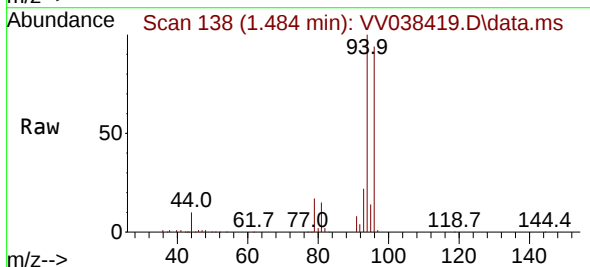
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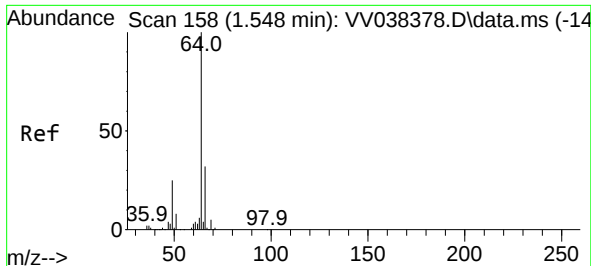
Tgt Ion: 94 Resp: 53626

Ion Ratio Lower Upper

94 100

96 93.6 63.7 118.3

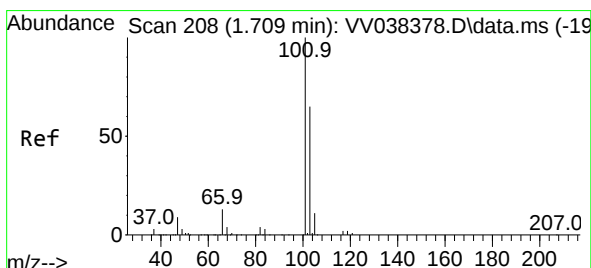
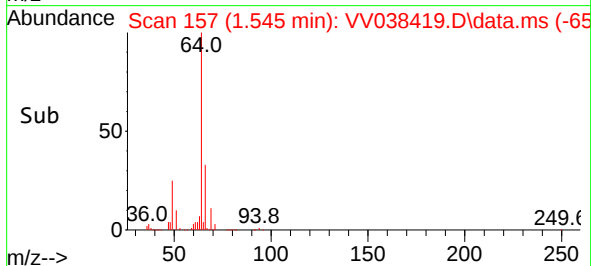
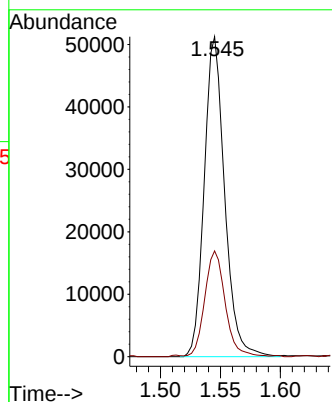
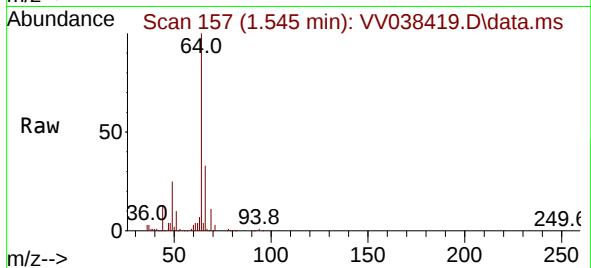




#8
Chloroethane
Concen: 4.715 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

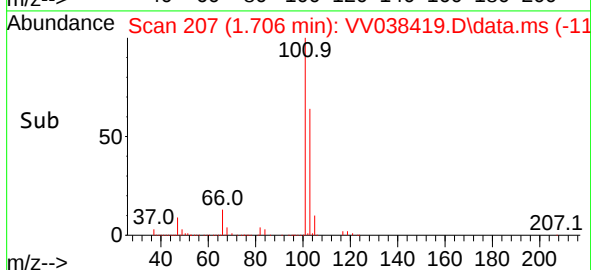
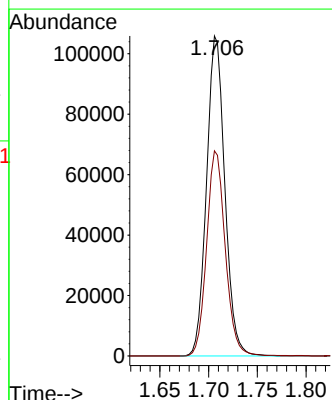
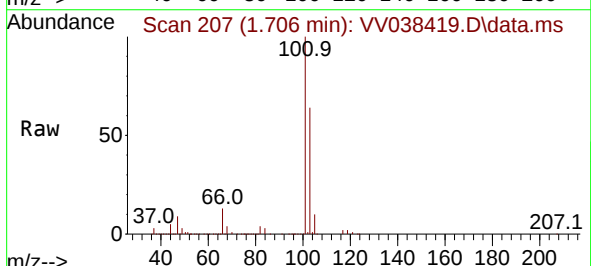
Instrument :
MSVOA_V
ClientSampleId :

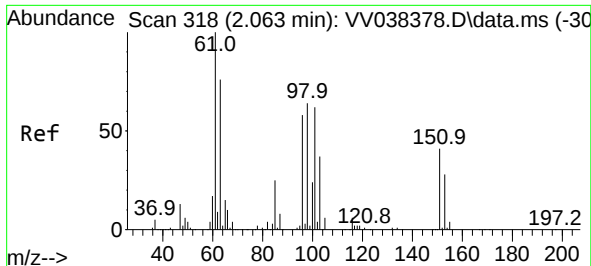
Tgt Ion: 64 Resp: 60792
Ion Ratio Lower Upper
64 100
66 33.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.815 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

Tgt Ion:101 Resp: 138642
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3

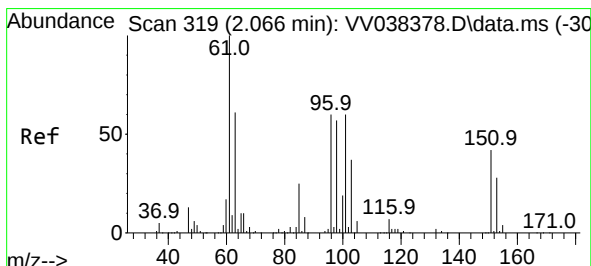
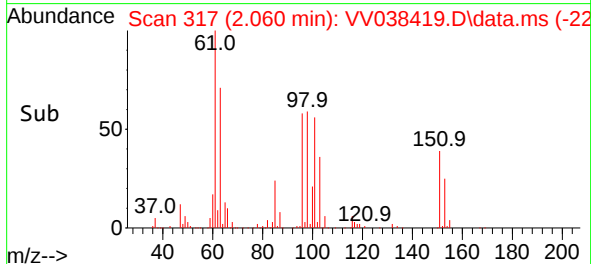
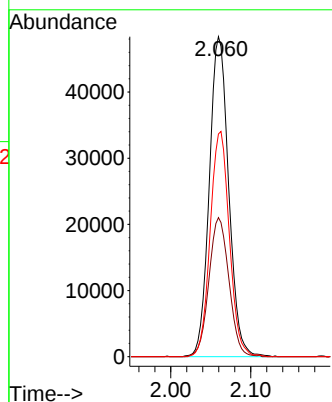
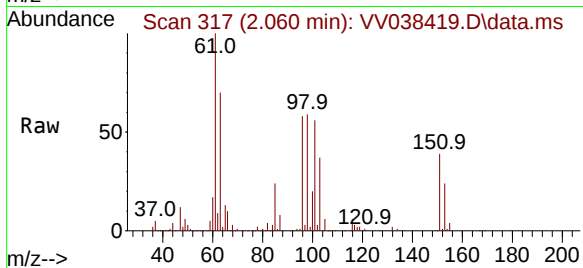




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.956 ug/L
RT: 2.060 min Scan# 317
Delta R.T. -0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

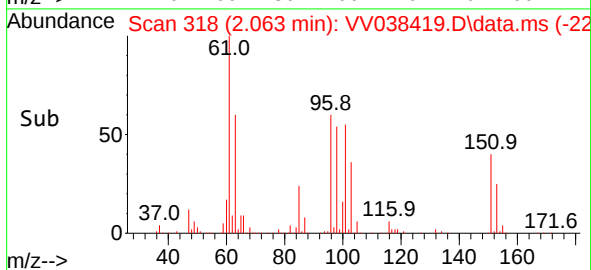
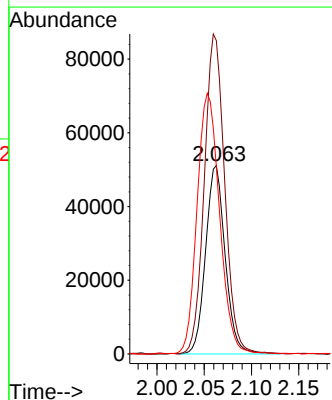
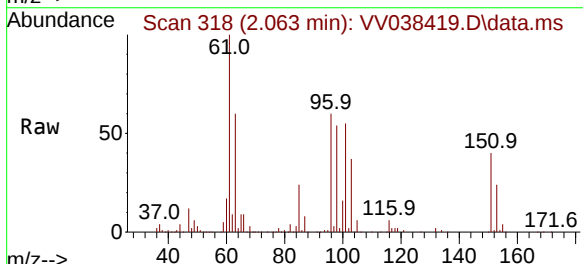
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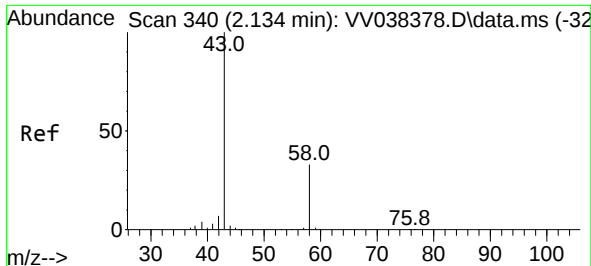
Tgt Ion:101 Resp: 81446
Ion Ratio Lower Upper
101 100
85 44.9 33.4 50.0
151 69.8 58.8 88.2



#12
1,1-Dichloroethene
Concen: 4.705 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

Tgt Ion: 96 Resp: 73649
Ion Ratio Lower Upper
96 100
61 166.2 115.7 214.9
63 99.4 101.1 187.7#





#13

Acetone

Concen: 54.047 ug/L

RT: 2.137 min Scan# 341

Delta R.T. 0.003 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Instrument :

MSVOA_V

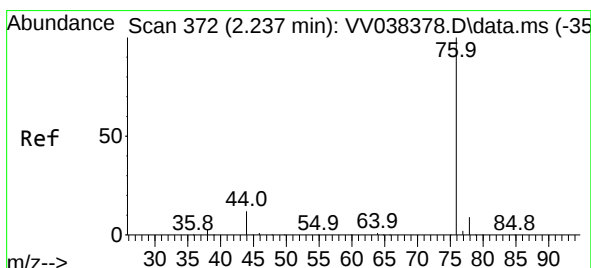
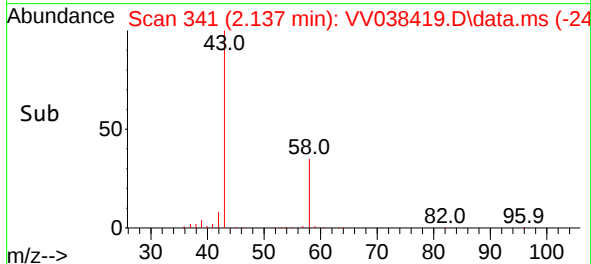
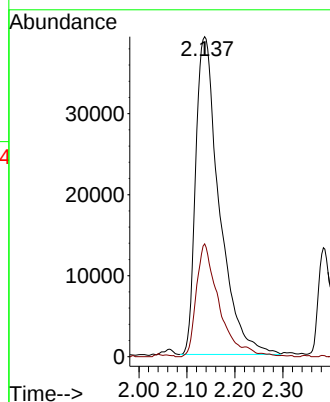
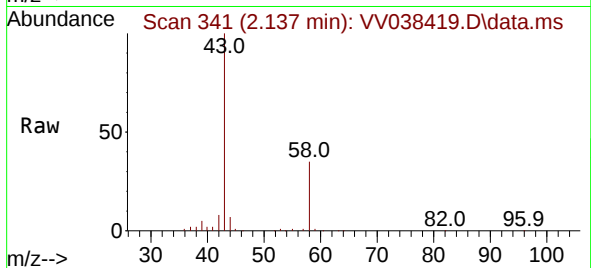
ClientSampleId :

Tgt Ion: 43 Resp: 134334

Ion Ratio Lower Upper

43 100

58 32.5 0.0 67.2



#14

Carbon disulfide

Concen: 4.311 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV038419.D

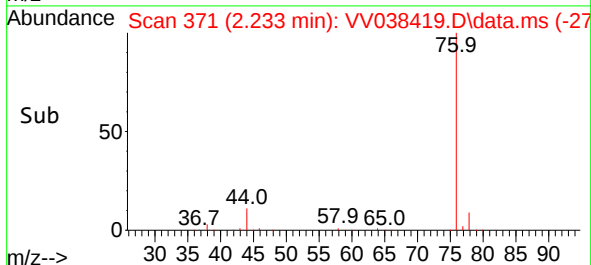
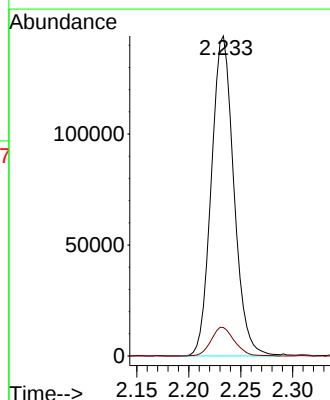
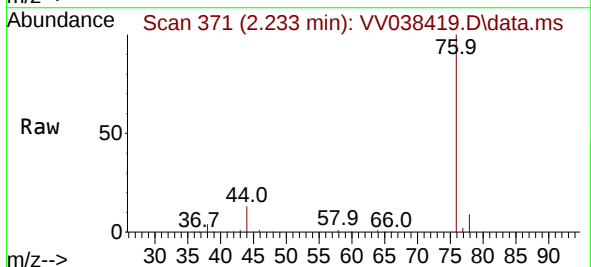
Acq: 05 Dec 2024 14:59

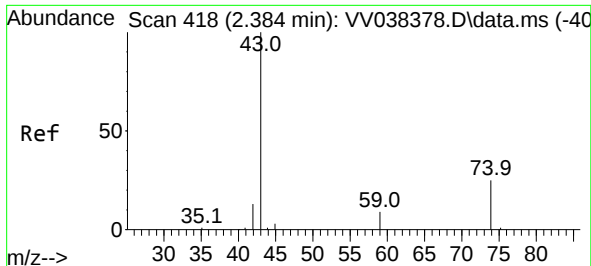
Tgt Ion: 76 Resp: 217411

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

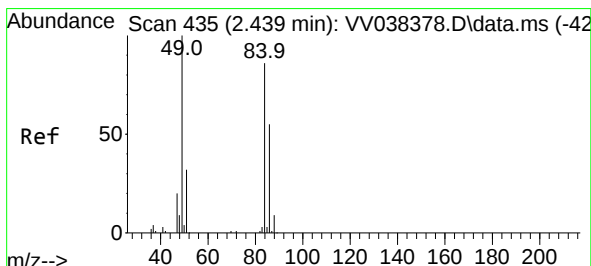
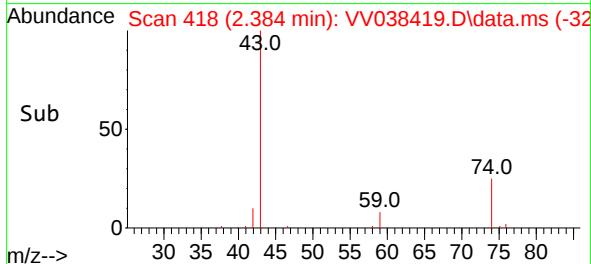
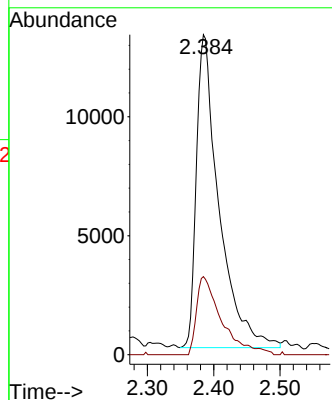
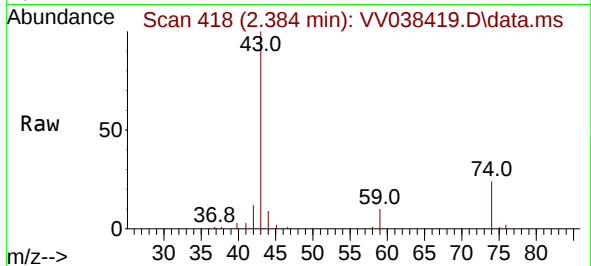




#15
Methyl Acetate
Concen: 5.155 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.000 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

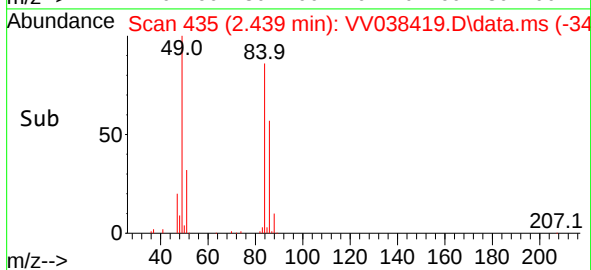
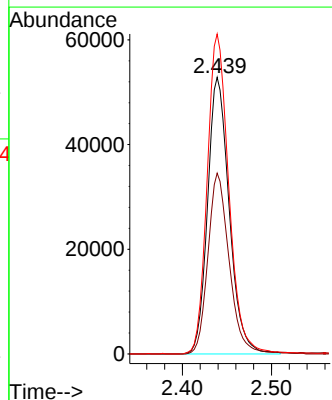
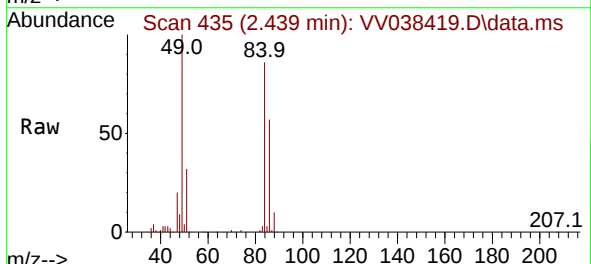
Instrument :
MSVOA_V
ClientSampleId :

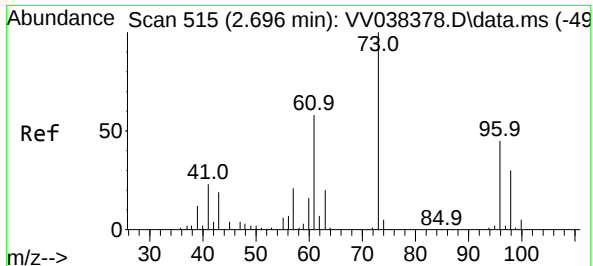
Tgt Ion: 43 Resp: 31114
Ion Ratio Lower Upper
43 100
74 27.5 22.4 33.6



#16
Methylene chloride
Concen: 4.991 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

Tgt Ion: 84 Resp: 89093
Ion Ratio Lower Upper
84 100
86 65.4 44.2 82.2
49 115.7 74.9 139.1

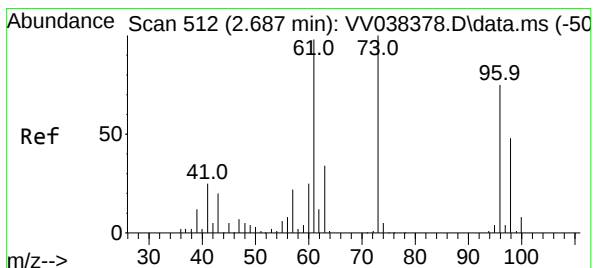
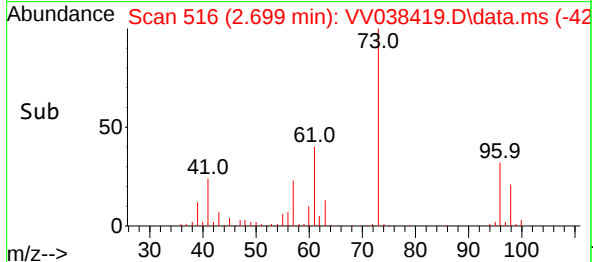
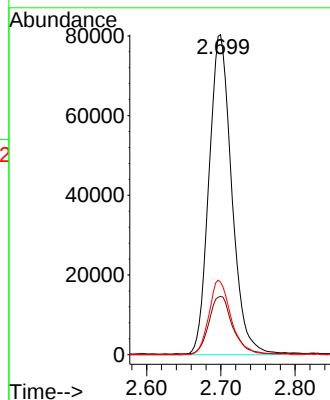
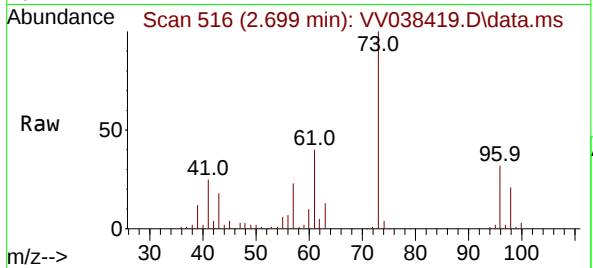




#17
Methyl tert-butyl Ether
Concen: 4.827 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

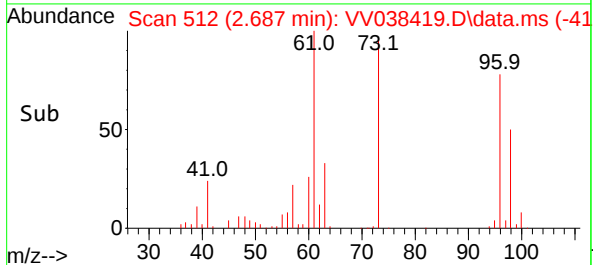
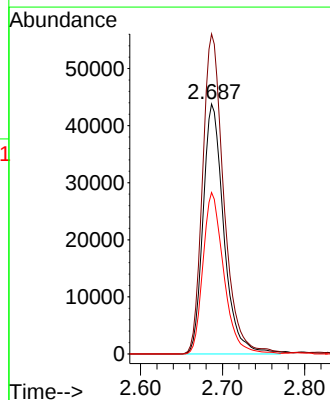
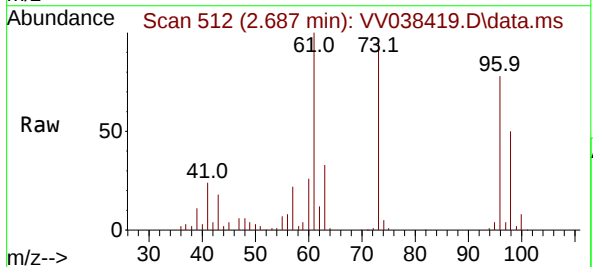
Instrument :
MSVOA_V
ClientSampleId :

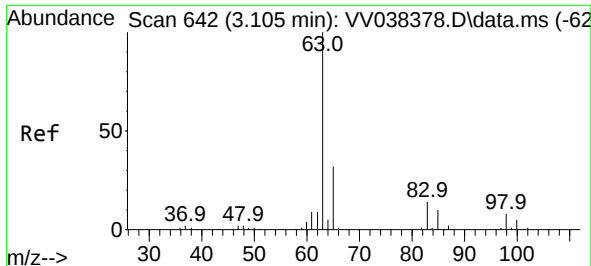
Tgt Ion: 73 Resp: 170863
Ion Ratio Lower Upper
73 100
43 18.3 14.2 21.2
57 22.8 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.672 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

Tgt Ion: 96 Resp: 77057
Ion Ratio Lower Upper
96 100
61 128.1 88.5 164.4
98 64.6 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.240 ug/L

RT: 3.101 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Instrument :

MSVOA_V

ClientSampleId :

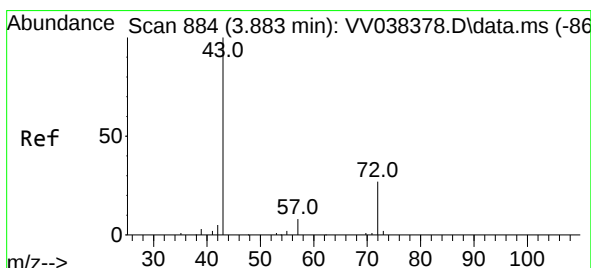
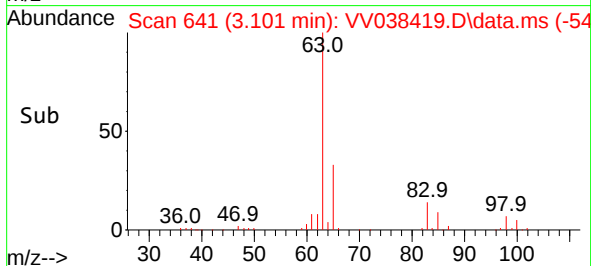
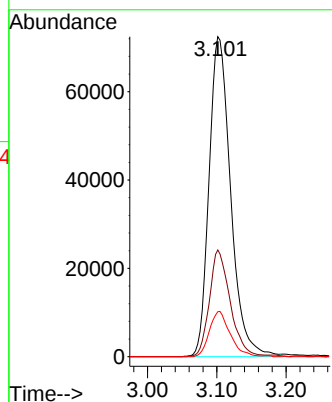
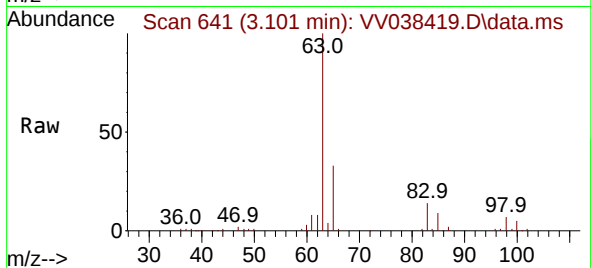
Tgt Ion: 63 Resp: 156856

Ion Ratio Lower Upper

63 100

65 33.4 22.5 41.7

83 14.0 10.1 18.9



#21

2-Butanone

Concen: 51.338 ug/L

RT: 3.886 min Scan# 885

Delta R.T. 0.003 min

Lab File: VV038419.D

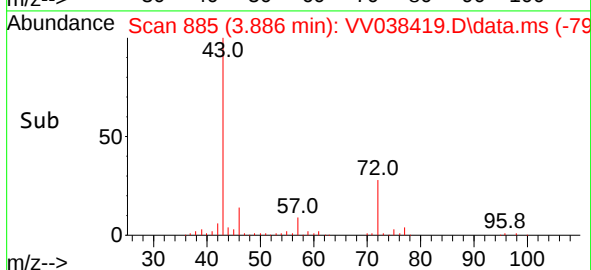
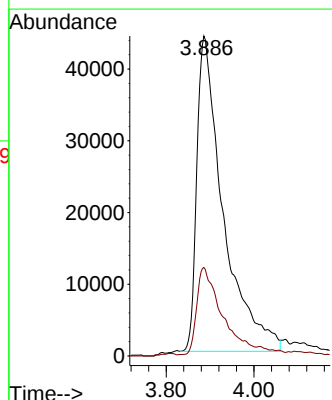
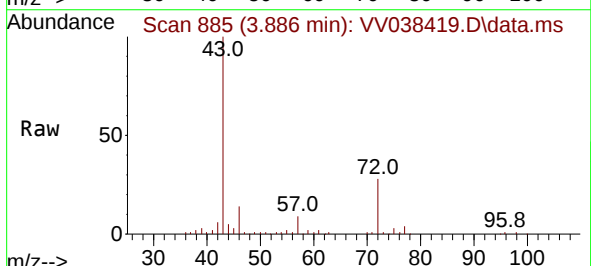
Acq: 05 Dec 2024 14:59

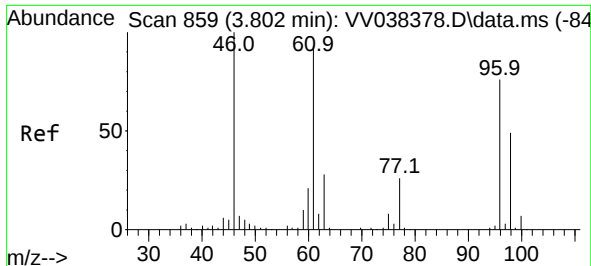
Tgt Ion: 43 Resp: 183138

Ion Ratio Lower Upper

43 100

72 26.1 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 4.873 ug/L

RT: 3.809 min Scan# 859

Delta R.T. 0.006 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Instrument :

MSVOA_V

ClientSampleId :

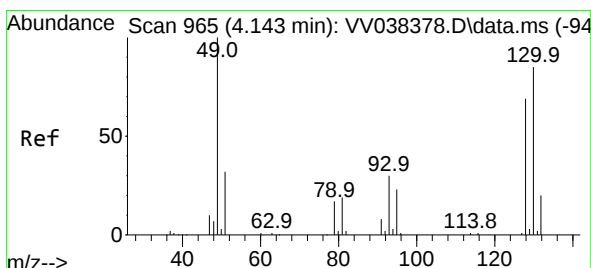
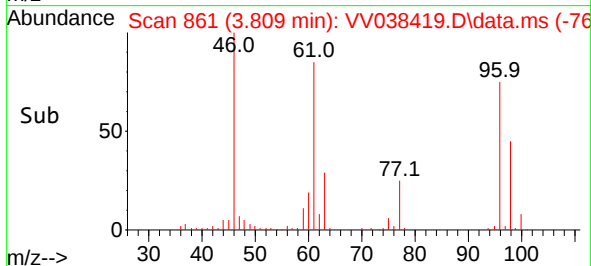
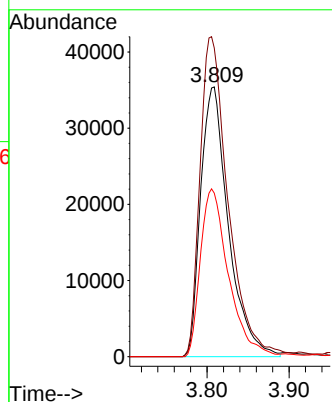
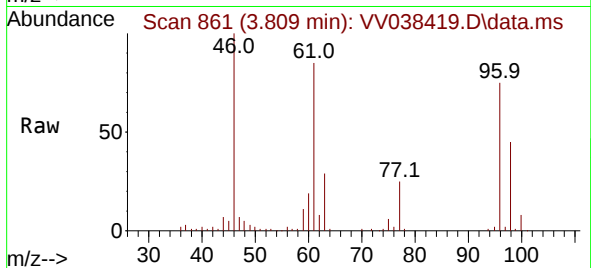
Tgt Ion: 96 Resp: 83086

Ion Ratio Lower Upper

96 100

61 114.4 82.7 153.5

98 60.7 46.3 85.9



#23

Bromochloromethane

Concen: 5.098 ug/L

RT: 4.143 min Scan# 965

Delta R.T. -0.000 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Tgt Ion: 128 Resp: 42448

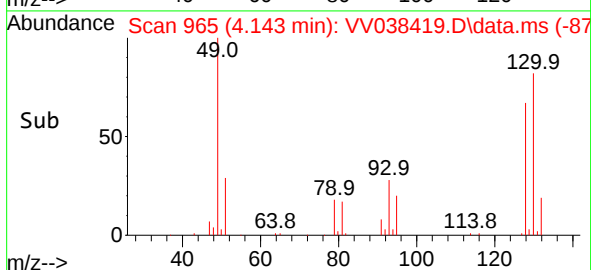
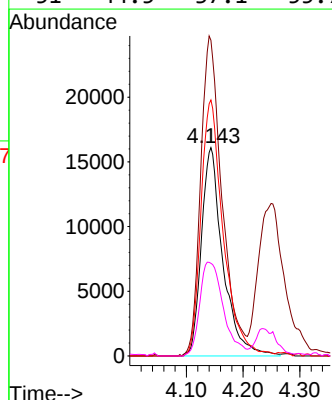
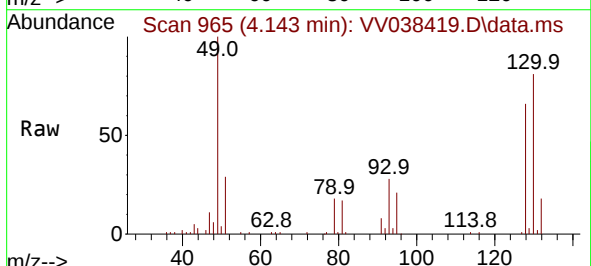
Ion Ratio Lower Upper

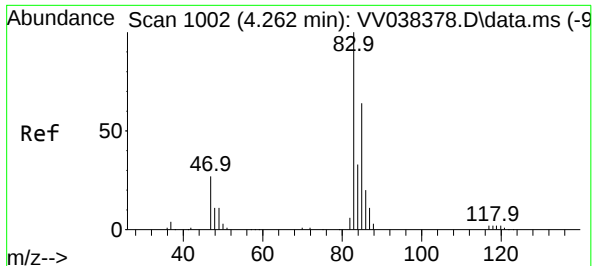
128 100

49 151.5 102.8 190.8

130 122.9 93.6 173.8

51 44.5 37.1 55.7





#25

Chloroform

Concen: 5.234 ug/L

RT: 4.265 min Scan# 1002

Delta R.T. 0.003 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Instrument :

MSVOA_V

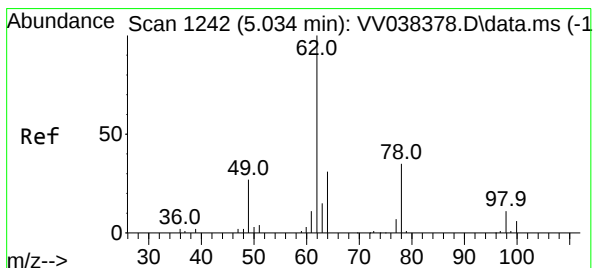
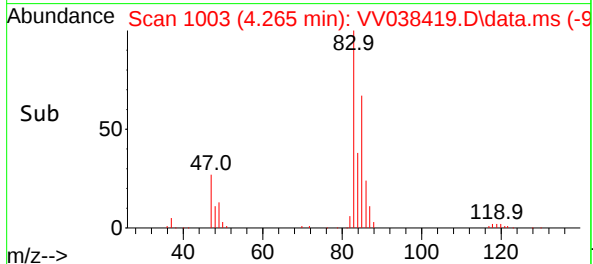
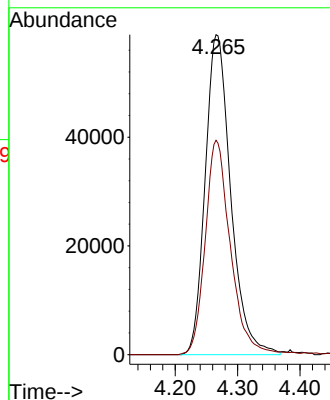
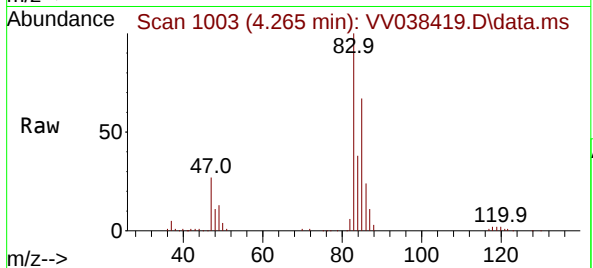
ClientSampleId :

Tgt Ion: 83 Resp: 167625

Ion Ratio Lower Upper

83 100

85 67.0 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.413 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.003 min

Lab File: VV038419.D

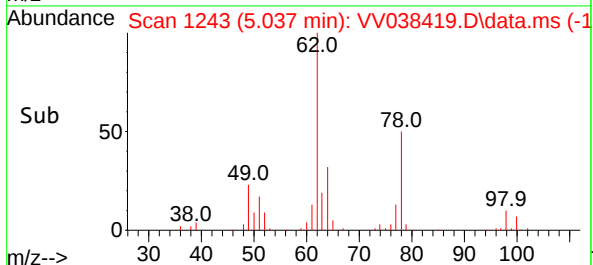
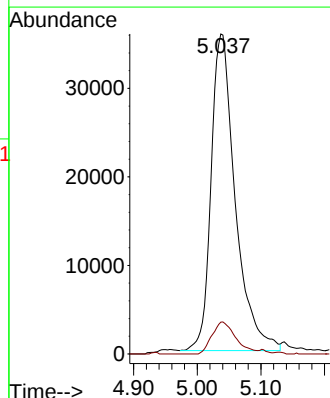
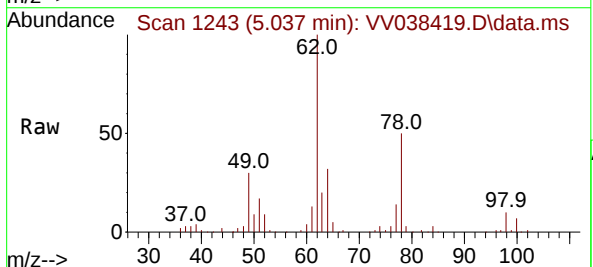
Acq: 05 Dec 2024 14:59

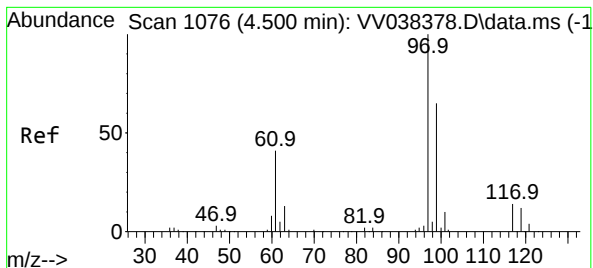
Tgt Ion: 62 Resp: 94328

Ion Ratio Lower Upper

62 100

98 10.0 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.026 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Instrument :

MSVOA_V

ClientSampleId :

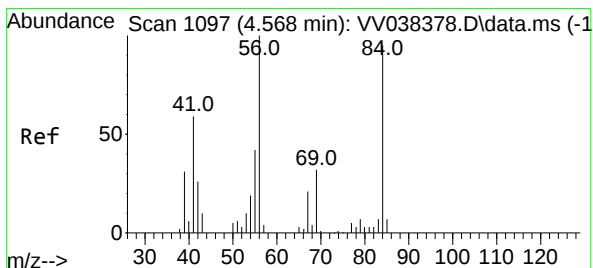
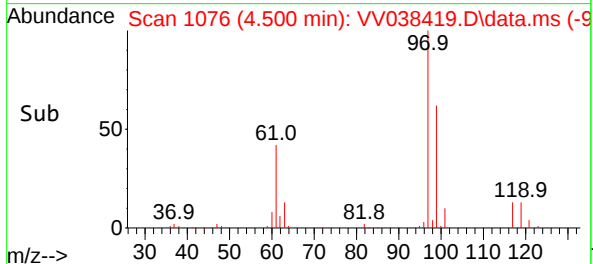
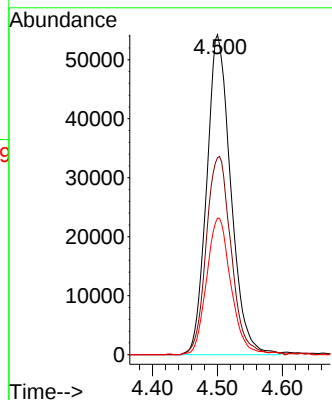
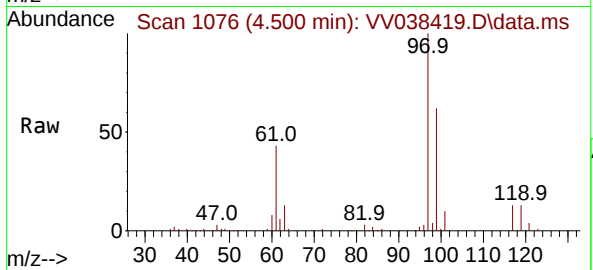
Tgt Ion: 97 Resp: 139828

Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.8

61 43.0 32.2 48.2



#30

Cyclohexane

Concen: 4.531 ug/L

RT: 4.568 min Scan# 1097

Delta R.T. -0.000 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

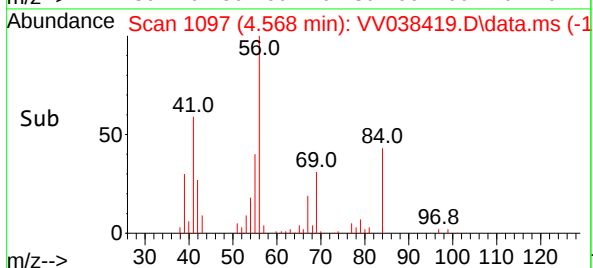
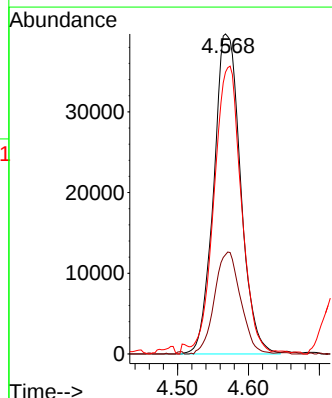
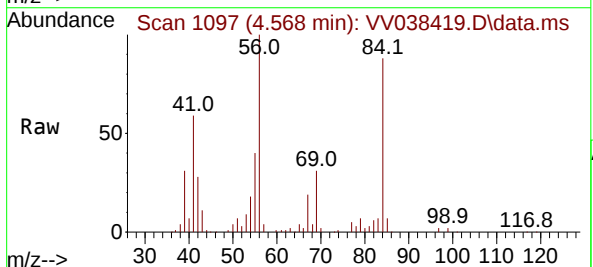
Tgt Ion: 56 Resp: 104547

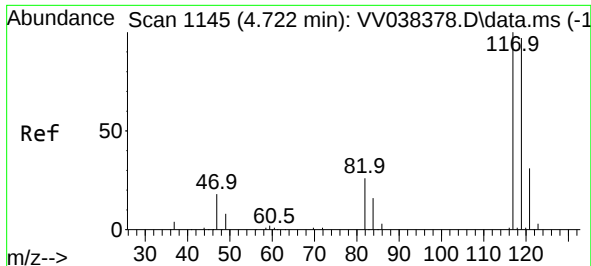
Ion Ratio Lower Upper

56 100

69 30.9 26.0 39.0

84 88.4 75.6 113.4

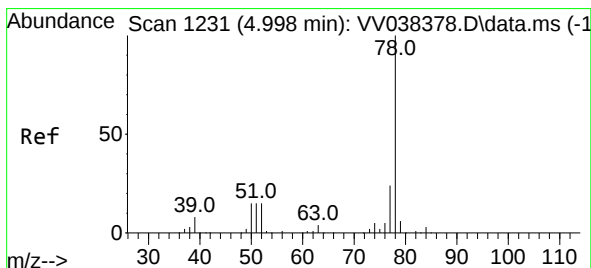
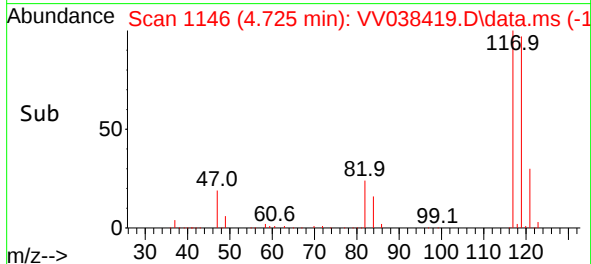
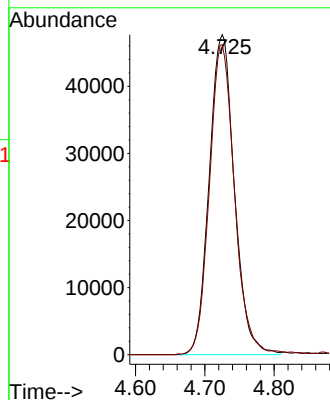
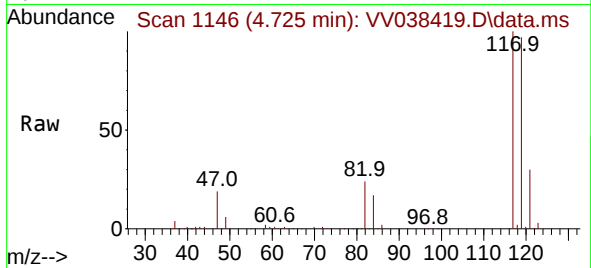




#31
Carbon tetrachloride
Concen: 4.903 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

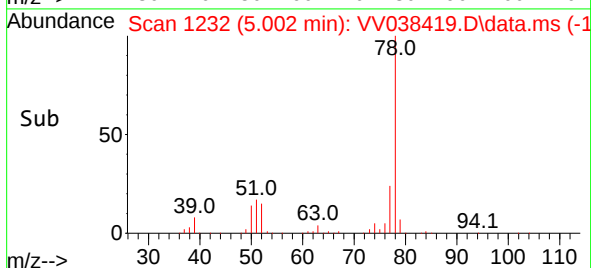
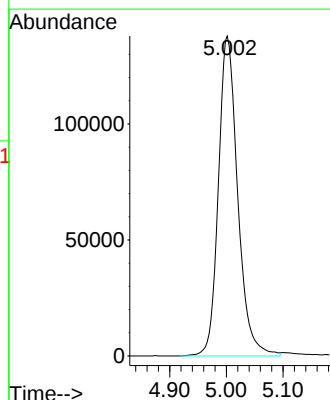
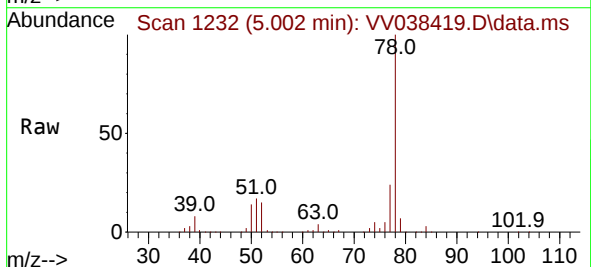
Instrument :
MSVOA_V
ClientSampleId :

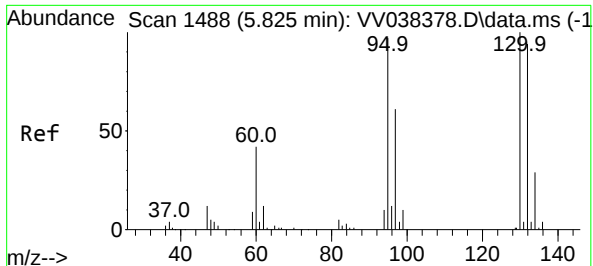
Tgt Ion:117 Resp: 120338
Ion Ratio Lower Upper
117 100
119 96.1 77.4 116.2



#33
Benzene
Concen: 5.007 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

Tgt Ion: 78 Resp: 326220

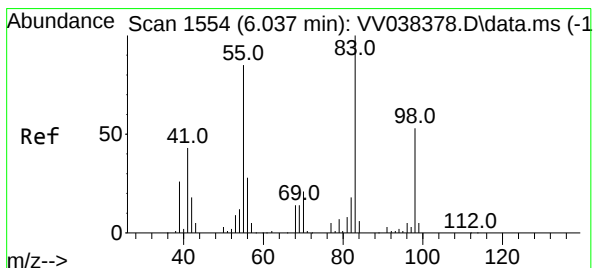
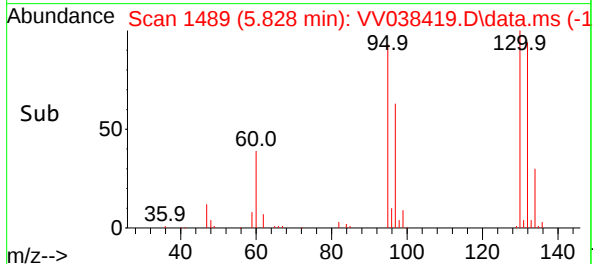
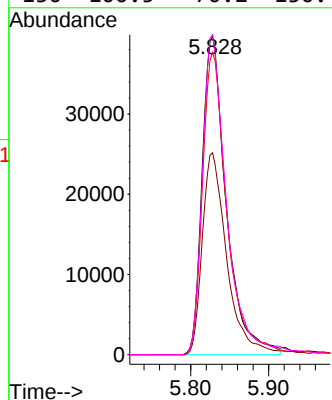
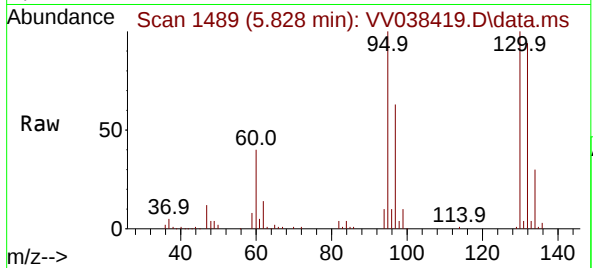




#34
Trichloroethene
Concen: 4.808 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

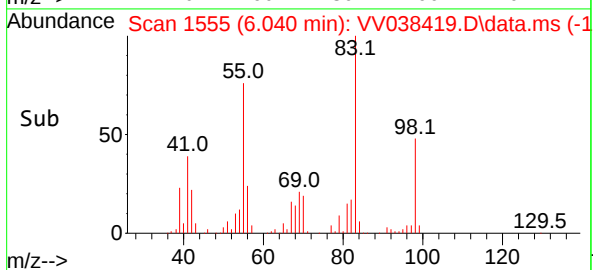
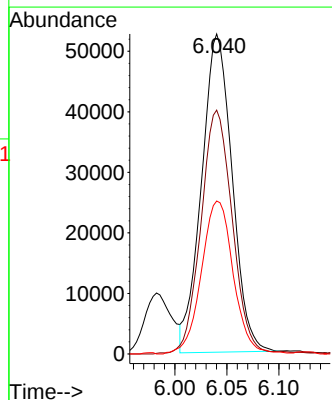
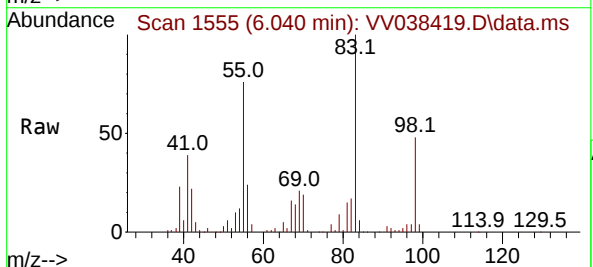
Instrument :
MSVOA_V
ClientSampleId :

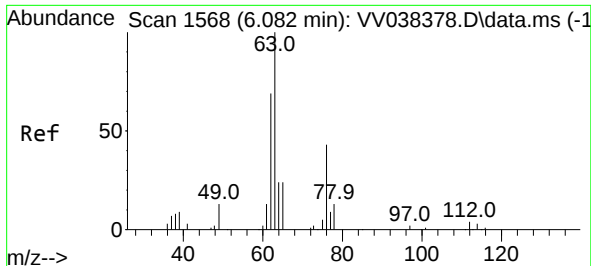
Tgt Ion: 95 Resp: 85402
Ion Ratio Lower Upper
95 100
97 63.4 44.8 83.2
132 94.9 68.3 126.8
130 100.5 70.2 130.4



#35
Methylcyclohexane
Concen: 4.282 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

Tgt Ion: 83 Resp: 107594
Ion Ratio Lower Upper
83 100
55 78.4 59.7 89.5
98 50.2 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.323 ug/L

RT: 6.085 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Instrument :

MSVOA_V

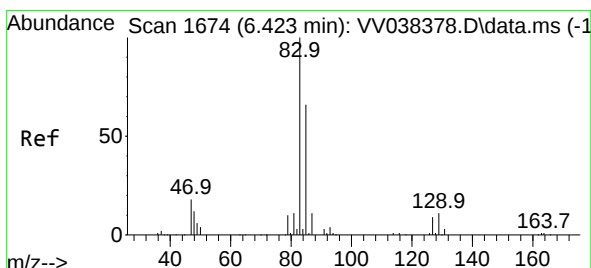
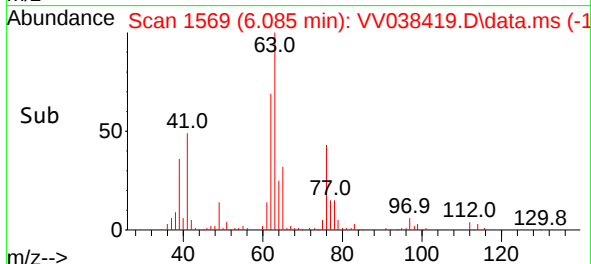
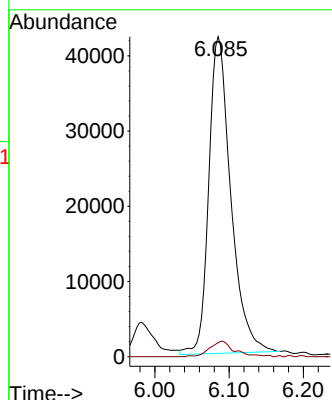
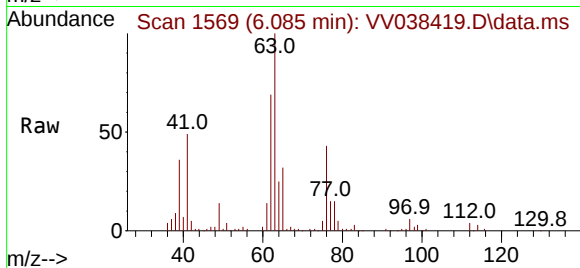
ClientSampleId :

Tgt Ion: 63 Resp: 86875

Ion Ratio Lower Upper

63 100

112 3.9 3.9 5.9#



#38

Bromodichloromethane

Concen: 5.325 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.003 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

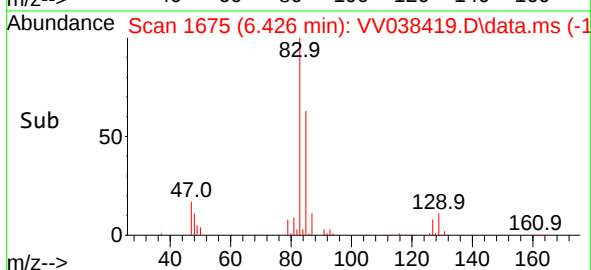
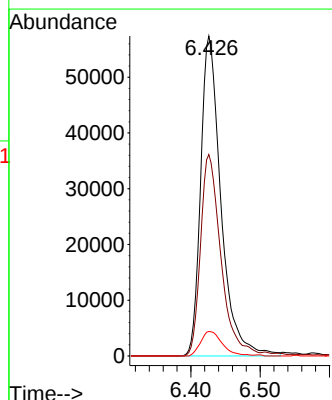
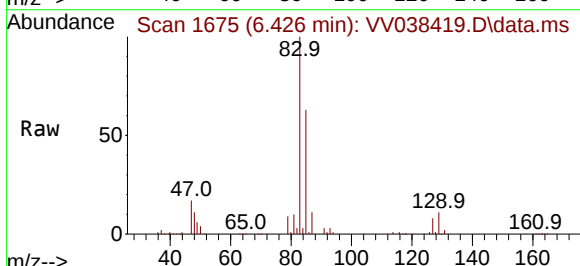
Tgt Ion: 83 Resp: 116810

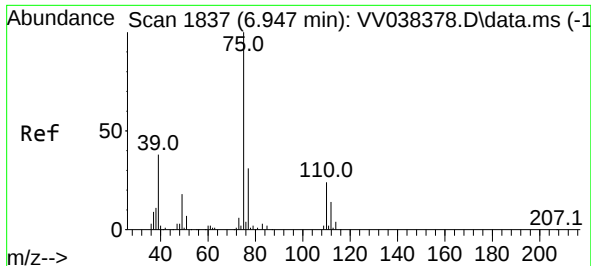
Ion Ratio Lower Upper

83 100

85 63.0 43.9 81.5

127 7.6 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.975 ug/L

RT: 6.950 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Instrument :

MSVOA_V

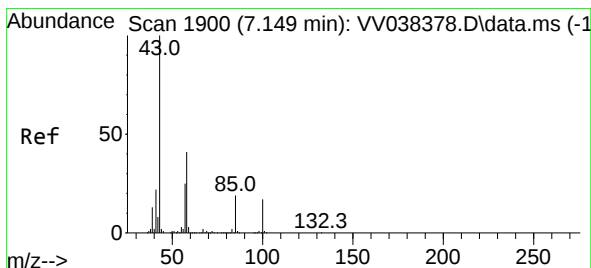
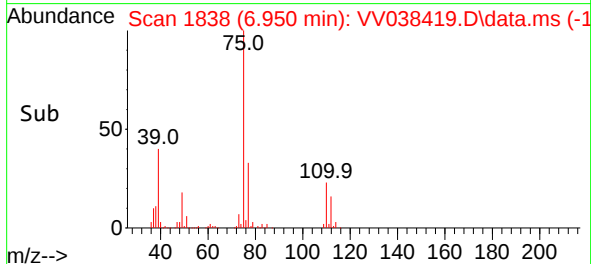
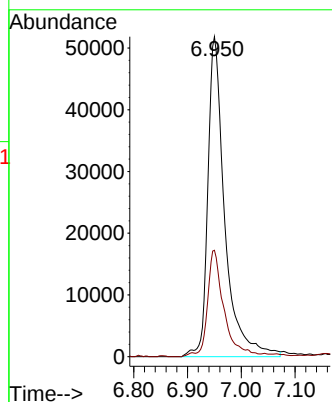
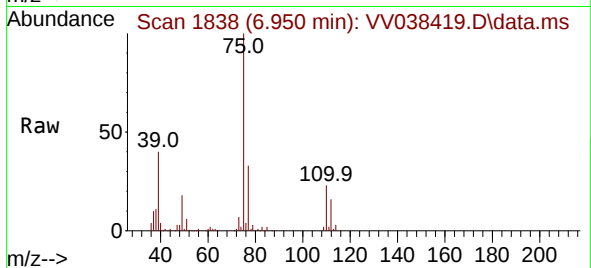
ClientSampleId :

Tgt Ion: 75 Resp: 113339

Ion Ratio Lower Upper

75 100

77 33.3 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 55.074 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

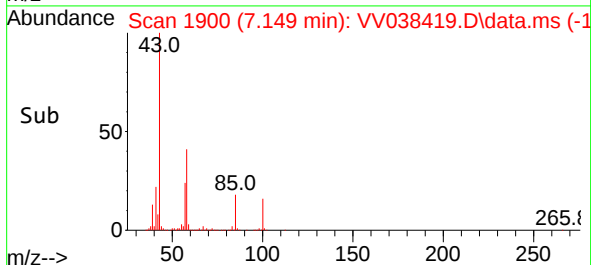
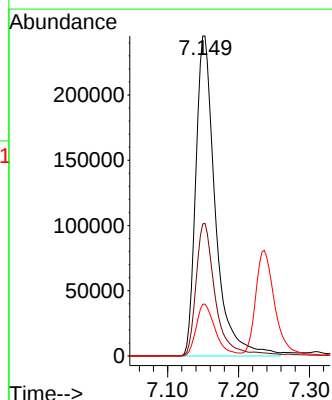
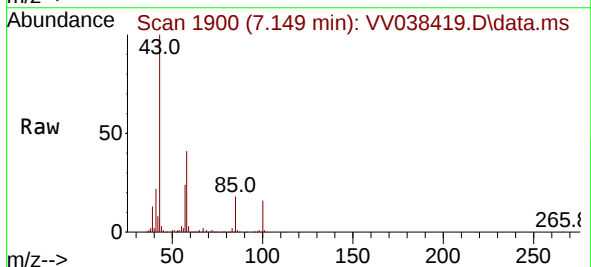
Tgt Ion: 43 Resp: 470448

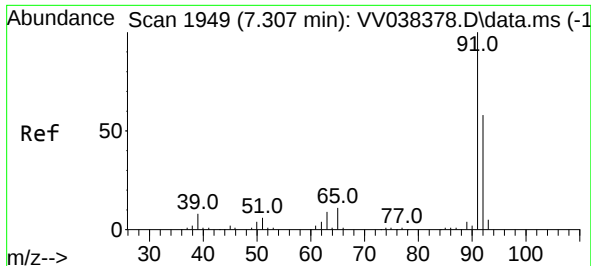
Ion Ratio Lower Upper

43 100

58 39.8 33.4 50.2

100 15.8 14.3 21.5





#42

Toluene

Concen: 5.146 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Instrument :

MSVOA_V

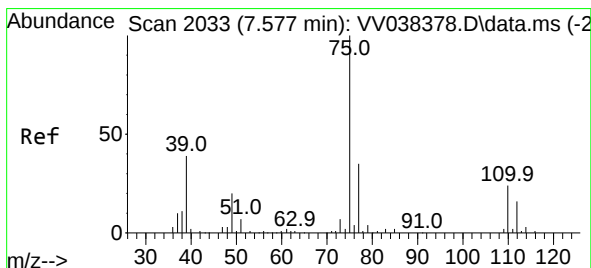
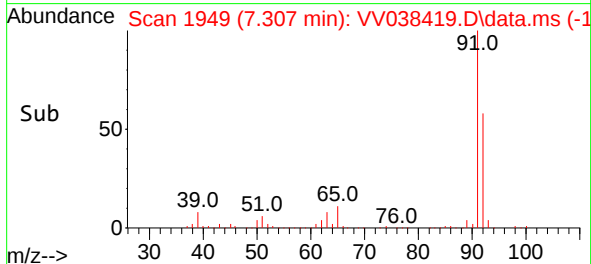
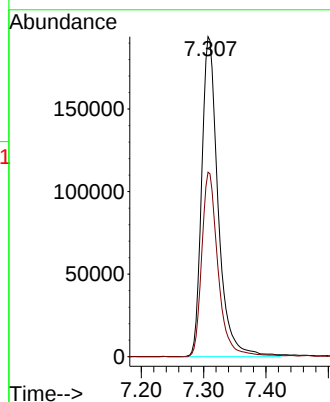
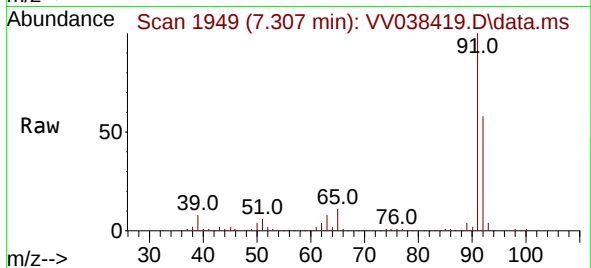
ClientSampleId :

Tgt Ion: 91 Resp: 355113

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.123 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV038419.D

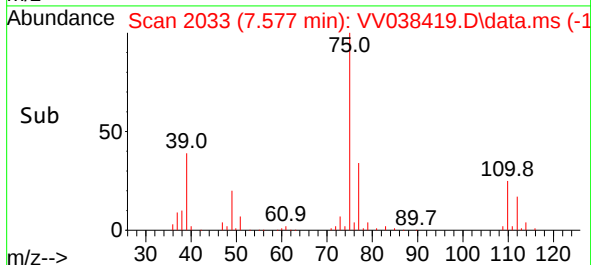
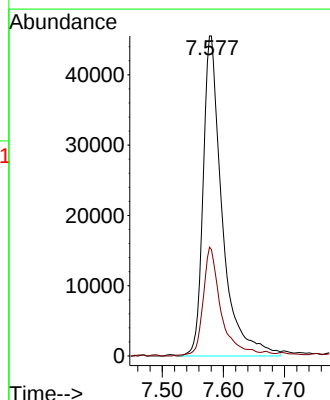
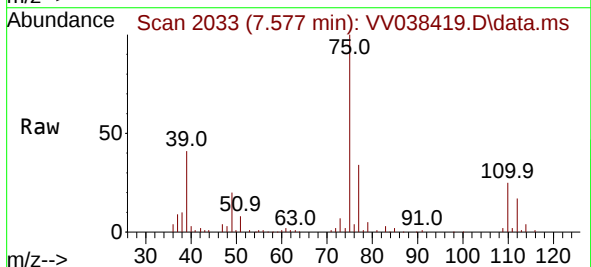
Acq: 05 Dec 2024 14:59

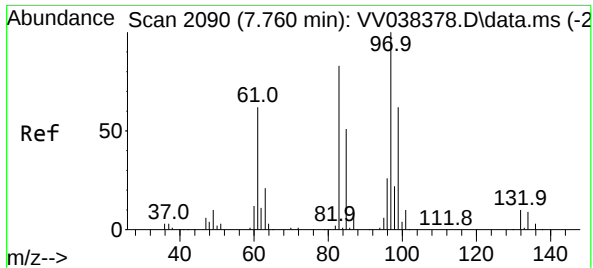
Tgt Ion: 75 Resp: 98594

Ion Ratio Lower Upper

75 100

77 34.0 23.4 43.4

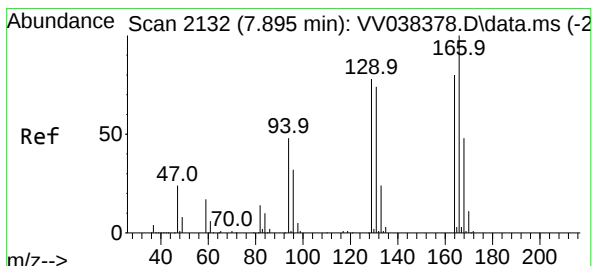
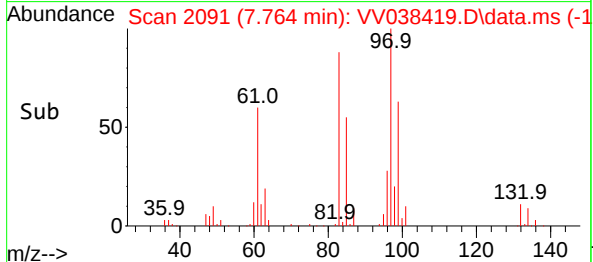
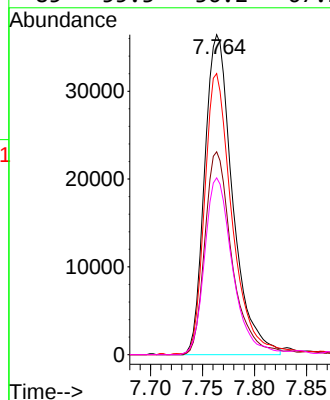
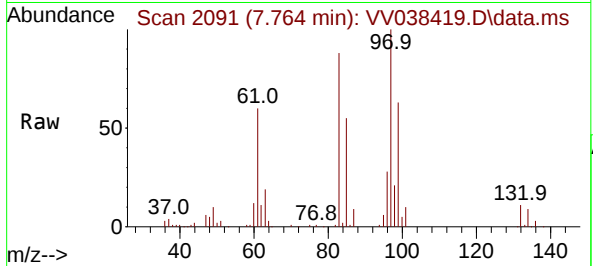




#45
1,1,2-Trichloroethane
Concen: 5.168 ug/L
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

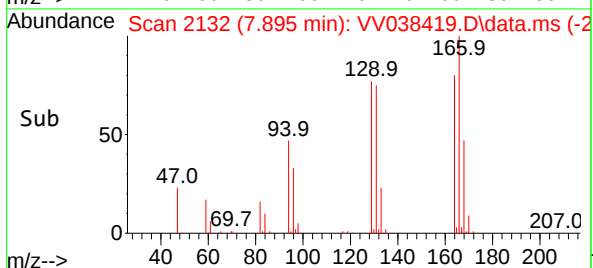
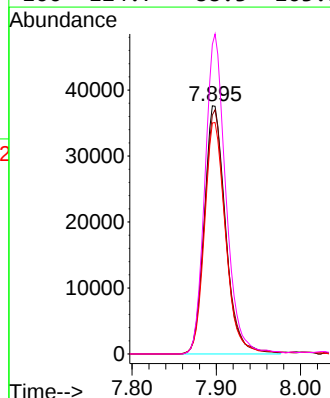
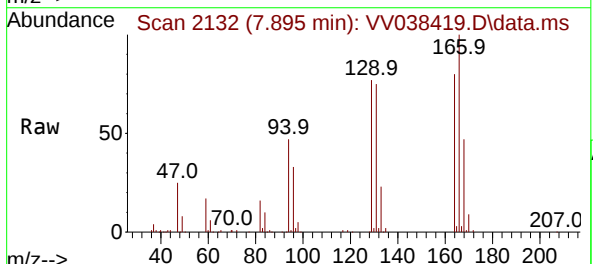
Instrument :
MSVOA_V
ClientSampleId :

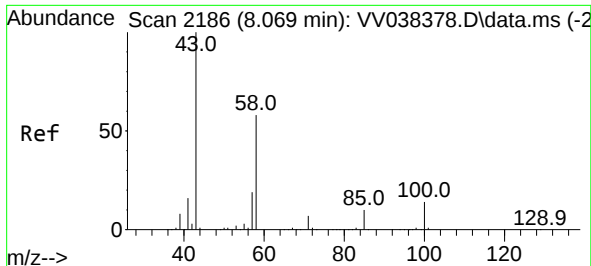
Tgt Ion: 97	Resp: 68409
Ion Ratio	Lower Upper
97 100	
99 63.4	41.9 77.7
83 87.8	57.7 107.1
85 55.3	36.2 67.2



#47
Tetrachloroethene
Concen: 4.615 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

Tgt	Ion:164	Resp:	65867
Ion	Ratio	Lower	Upper
164	100		
129	96.3	68.5	127.1
131	93.1	64.8	120.4
166	124.7	88.3	163.9



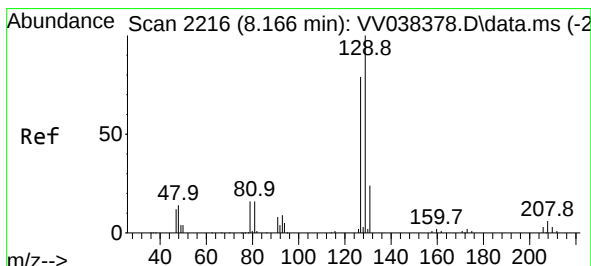
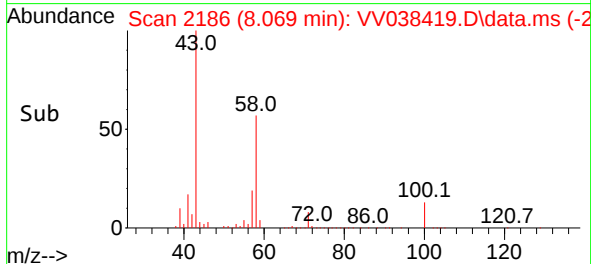
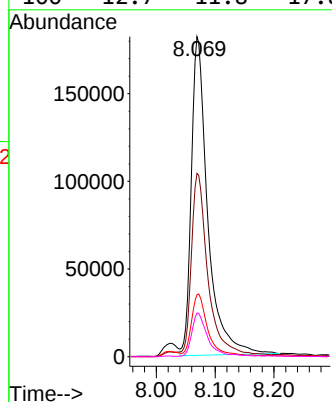
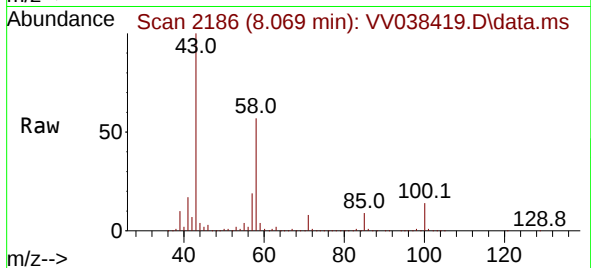


#48
2-Hexanone
Concen: 56.867 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 352252

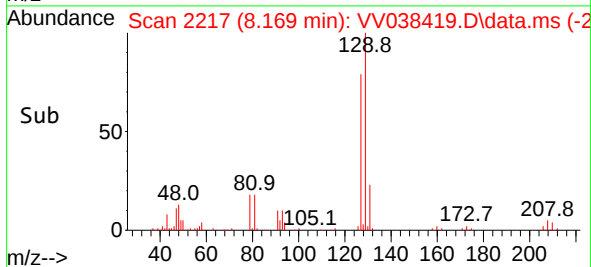
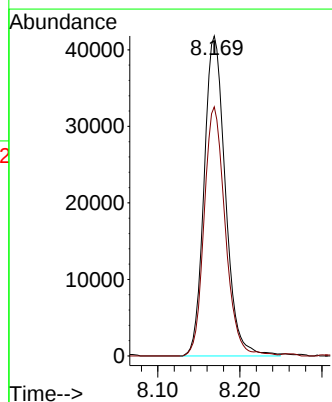
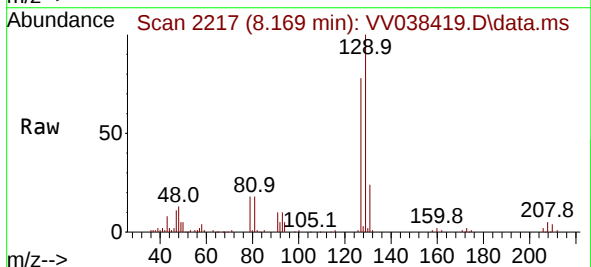
Ion	Ratio	Lower	Upper
43	100		
58	57.4	49.2	73.8
57	18.7	16.9	25.3
100	12.7	11.8	17.8

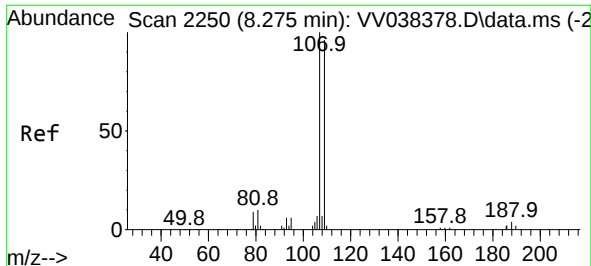


#49
Dibromochloromethane
Concen: 5.205 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

Tgt Ion: 129 Resp: 75109

Ion	Ratio	Lower	Upper
129	100		
127	77.8	53.5	99.3





#50

1,2-Dibromoethane

Concen: 5.124 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038419.D

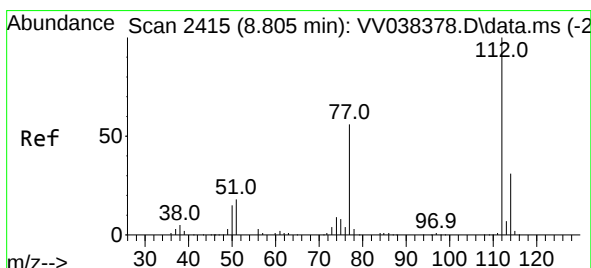
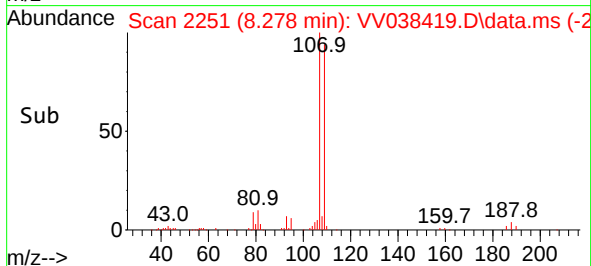
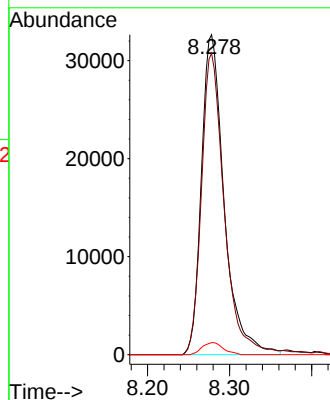
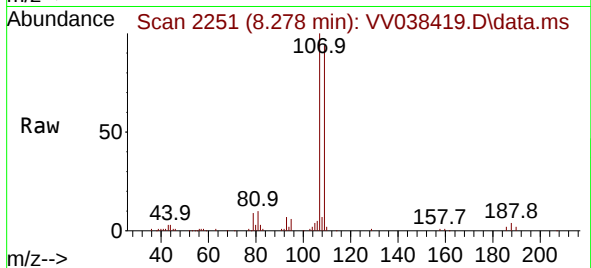
Acq: 05 Dec 2024 14:59

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	62880
Ion	Ratio	Lower	Upper
107	100		
109	94.2	66.1	122.7
188	3.7	2.6	3.8



#51

Chlorobenzene

Concen: 4.715 ug/L

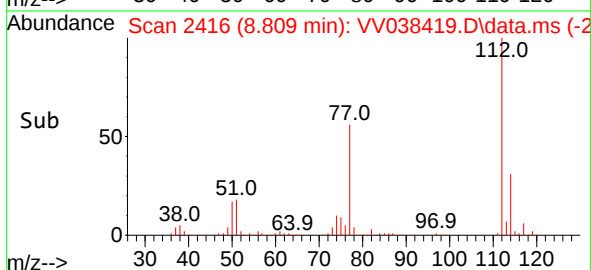
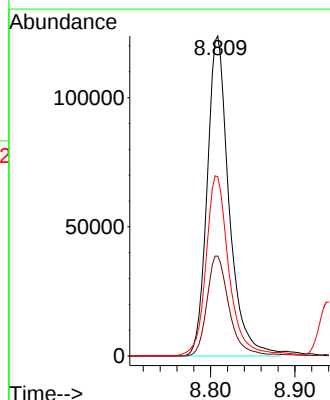
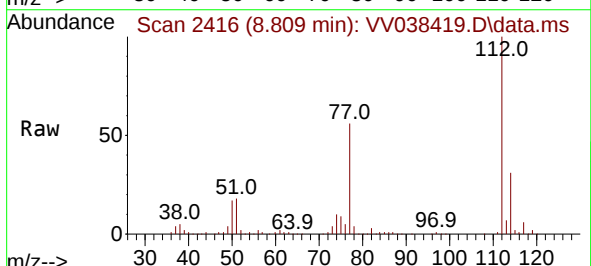
RT: 8.809 min Scan# 2416

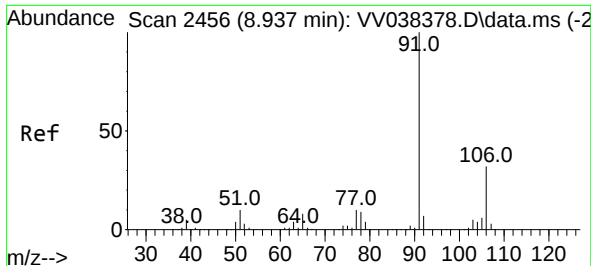
Delta R.T. 0.003 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Tgt Ion:	112	Resp:	224152
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.0	40.8
77	56.0	45.0	67.4

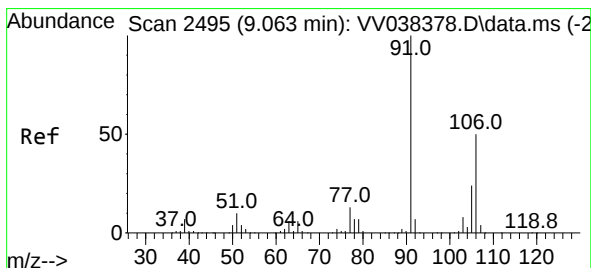
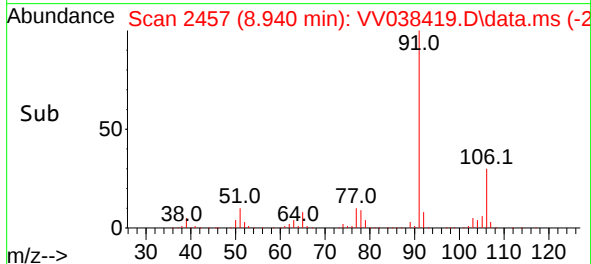
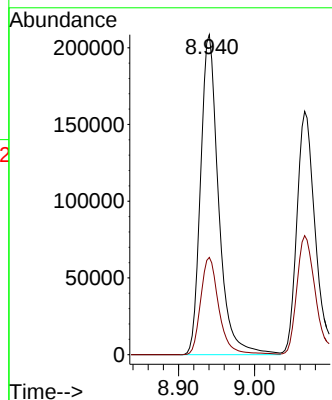
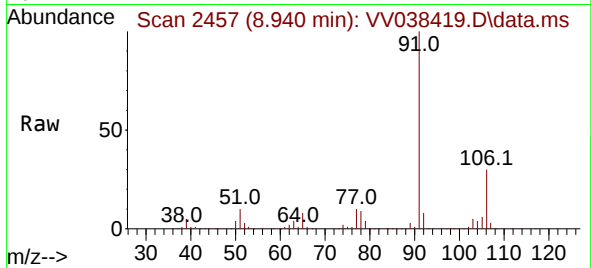




#52
Ethylbenzene
Concen: 4.678 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

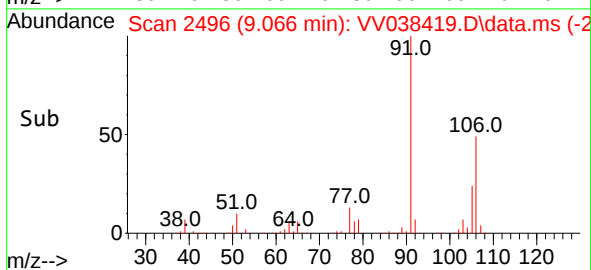
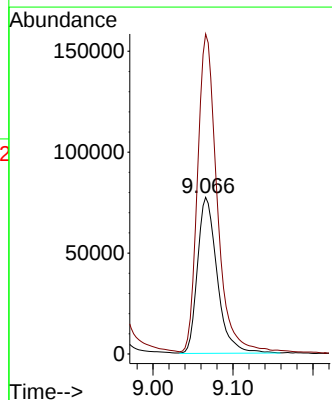
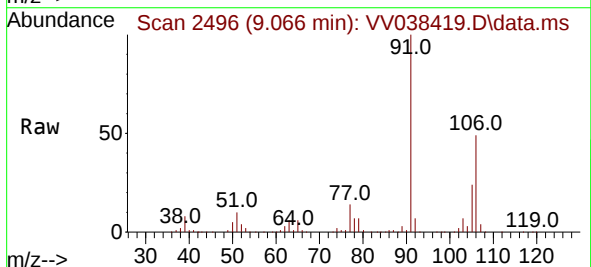
Instrument :
MSVOA_V
ClientSampleId :

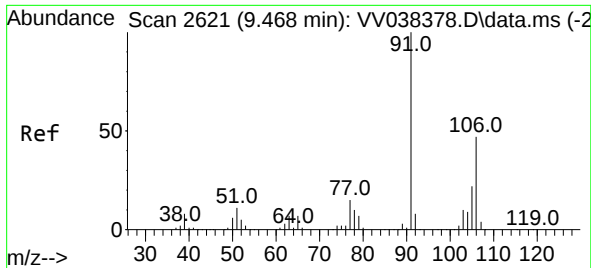
Tgt Ion: 91 Resp: 342440
Ion Ratio Lower Upper
91 100
106 30.4 21.8 40.4



#53
m,p-Xylene
Concen: 4.797 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

Tgt Ion: 106 Resp: 132521
Ion Ratio Lower Upper
106 100
91 204.4 138.7 257.5

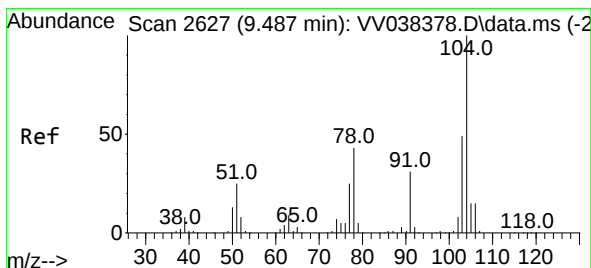
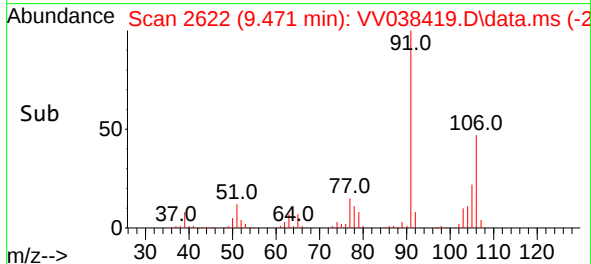
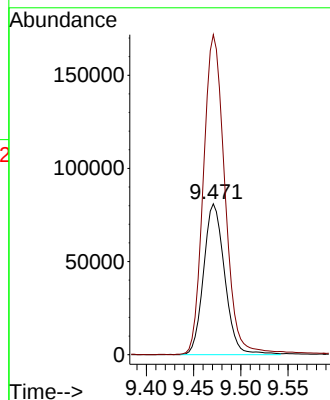
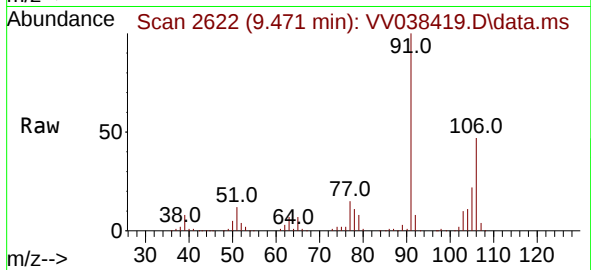




#54
o-Xylene
Concen: 4.685 ug/L
RT: 9.471 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

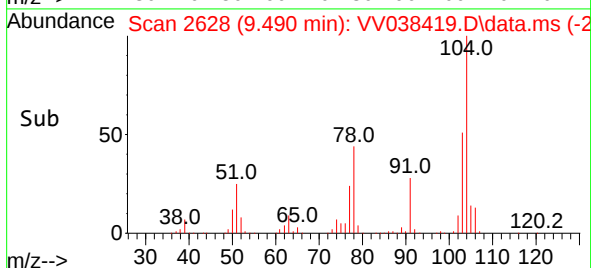
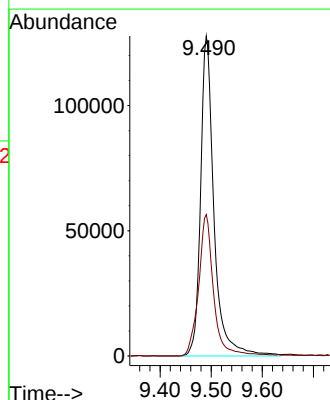
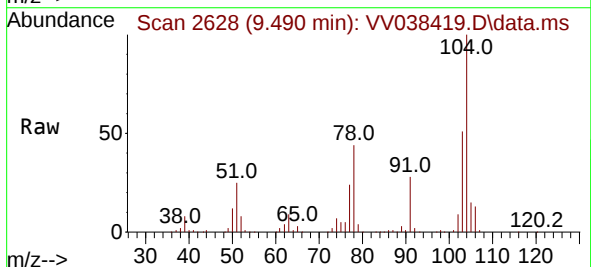
Instrument :
MSVOA_V
ClientSampleId :

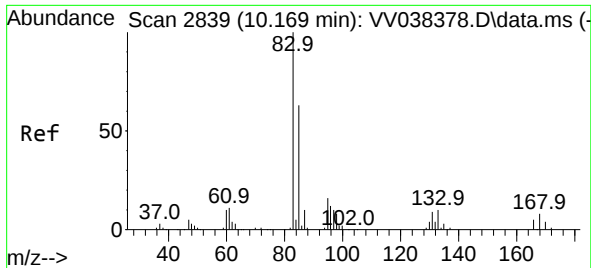
Tgt Ion:106 Resp: 125989
Ion Ratio Lower Upper
106 100
91 212.1 155.5 288.7



#55
Styrene
Concen: 4.917 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

Tgt Ion:104 Resp: 233124
Ion Ratio Lower Upper
104 100
78 44.2 29.7 55.1

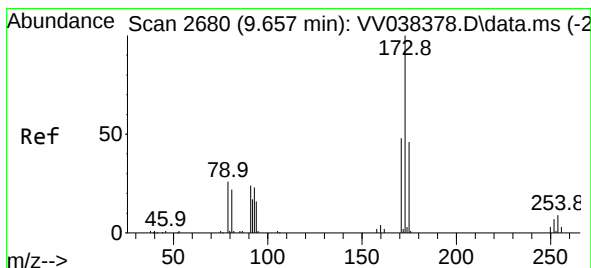
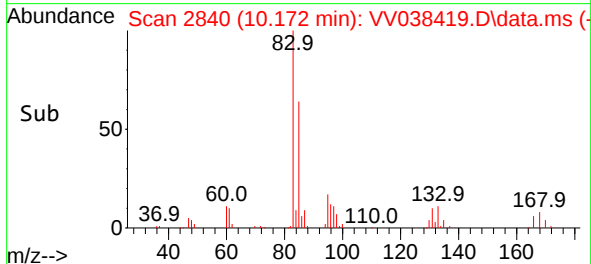
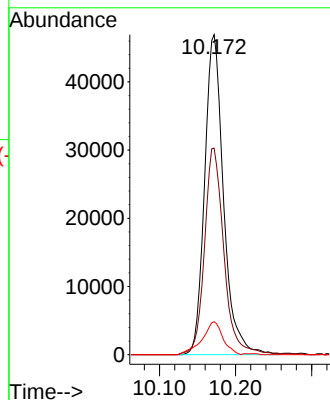
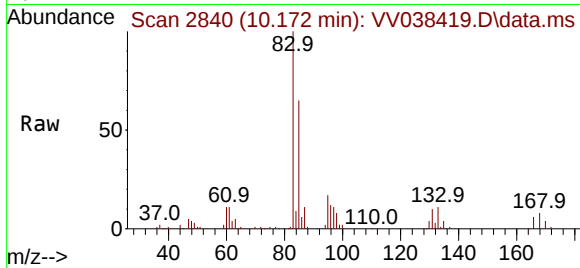




#57
1,1,2,2-Tetrachloroethane
Concen: 5.244 ug/L
RT: 10.172 min Scan# 2839
Delta R.T. 0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

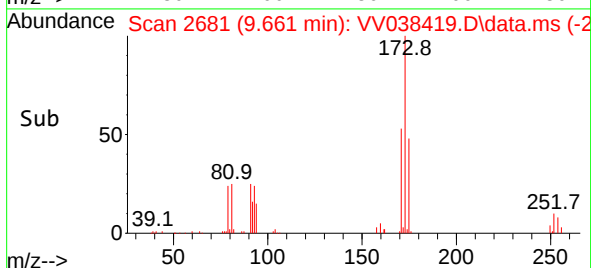
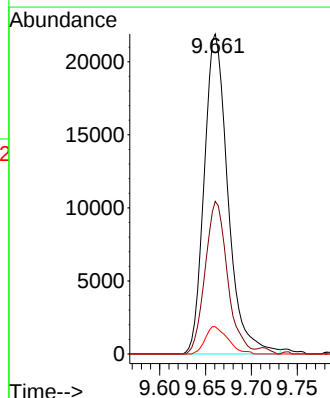
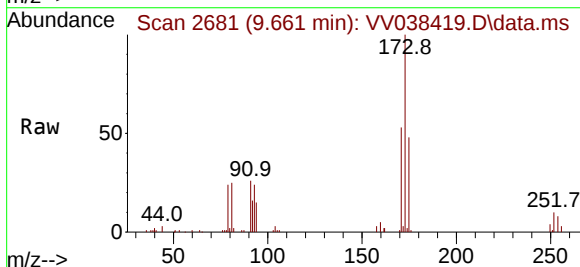
Instrument :
MSVOA_V
ClientSampleId :

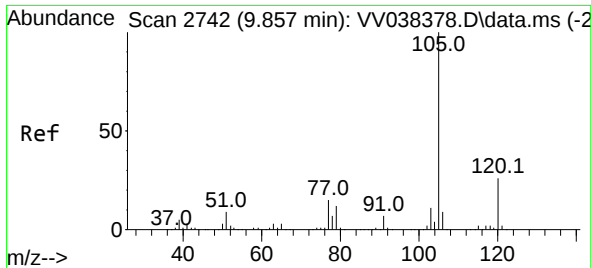
Tgt Ion: 83 Resp: 81162
Ion Ratio Lower Upper
83 100
85 64.5 45.7 84.9
131 10.3 8.2 12.4



#59
Bromoform
Concen: 5.307 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

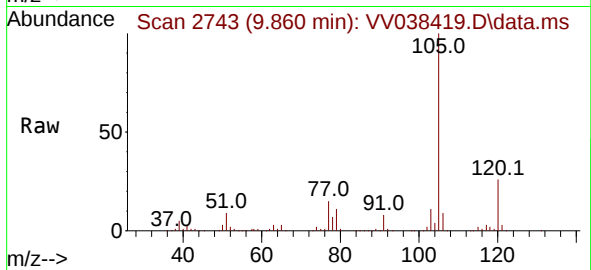
Tgt Ion: 173 Resp: 39498
Ion Ratio Lower Upper
173 100
175 44.9 38.5 57.7
254 8.1 6.9 10.3



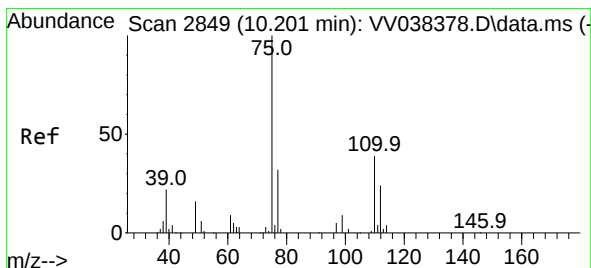
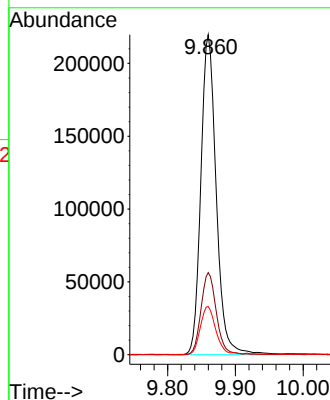
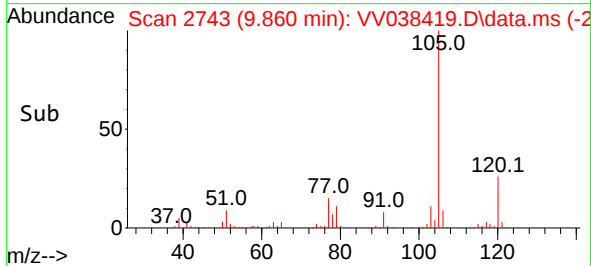


#60
Isopropylbenzene
Concen: 4.691 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59

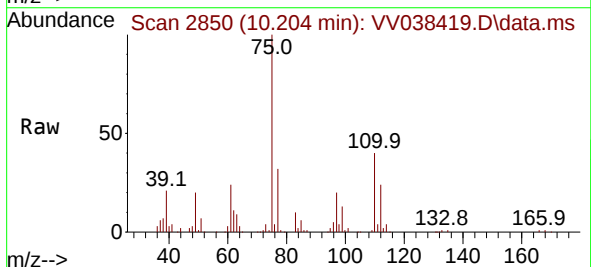
Instrument :
MSVOA_V
ClientSampleId :



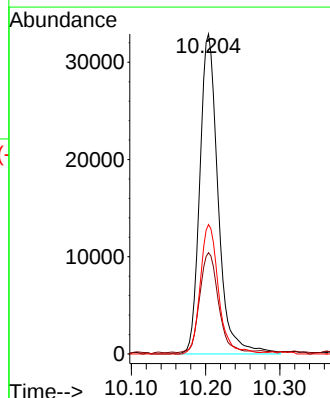
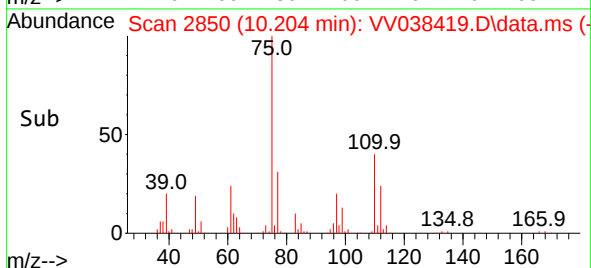
Tgt Ion:105 Resp: 345529
Ion Ratio Lower Upper
105 100
120 25.4 20.8 31.2
77 15.2 12.2 18.2

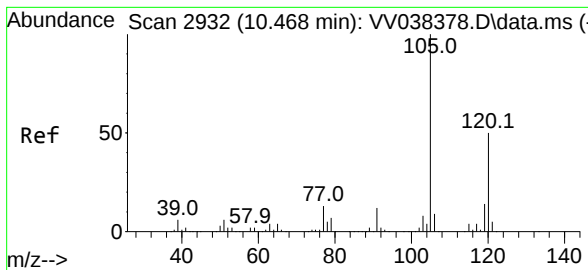


#61
1,2,3-Trichloropropane
Concen: 5.169 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV038419.D
Acq: 05 Dec 2024 14:59



Tgt Ion: 75 Resp: 56587
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
110 40.3 32.3 48.5

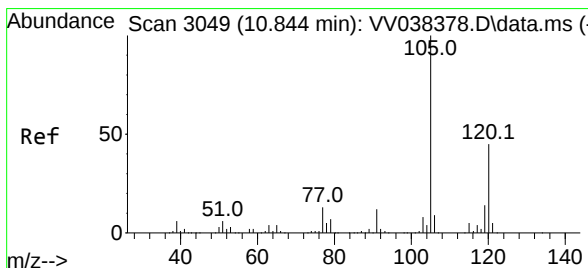
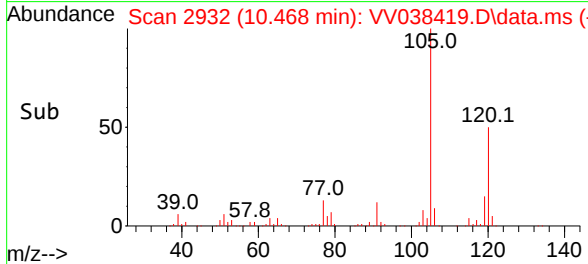
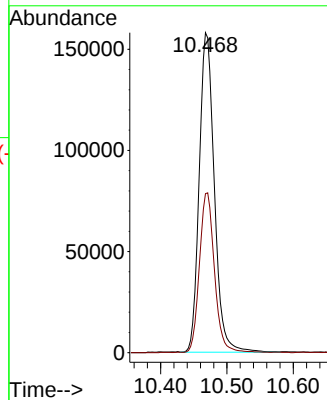
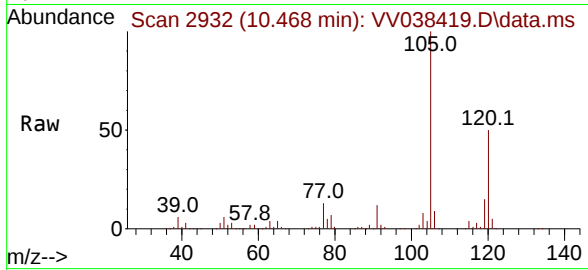




#62
 1,3,5-Trimethylbenzene
 Concen: 4.279 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. -0.000 min
 Lab File: VV038419.D
 Acq: 05 Dec 2024 14:59

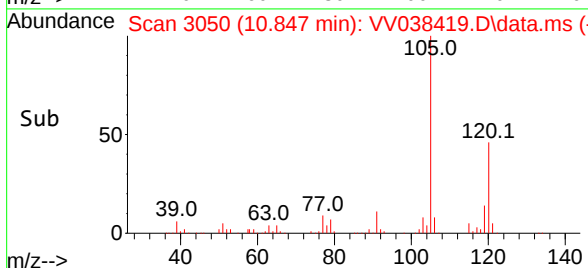
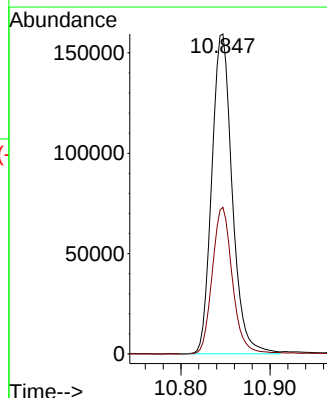
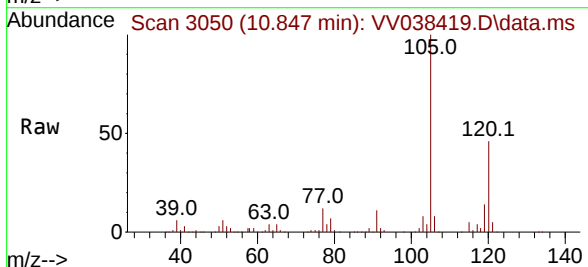
Instrument :
 MSVOA_V
 ClientSampleId :

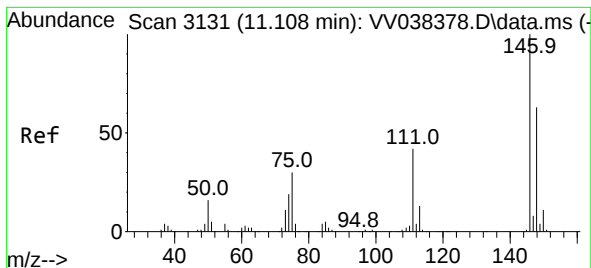
Tgt Ion:105 Resp: 250069
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.354 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. 0.003 min
 Lab File: VV038419.D
 Acq: 05 Dec 2024 14:59

Tgt Ion:105 Resp: 253774
 Ion Ratio Lower Upper
 105 100
 120 45.3 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 4.623 ug/L

RT: 11.111 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Instrument :

MSVOA_V

ClientSampleId :

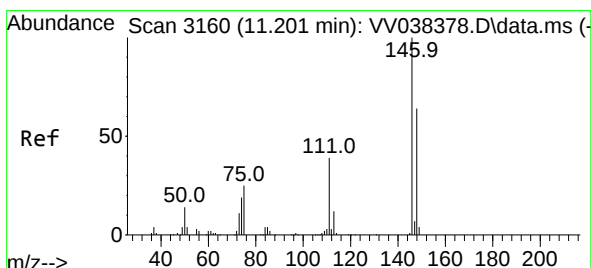
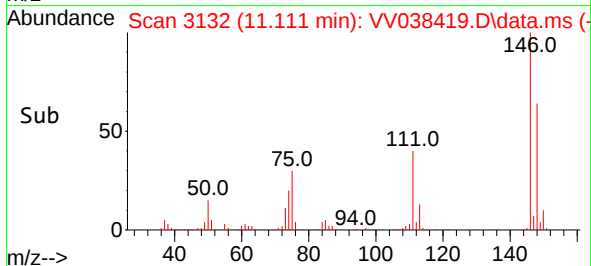
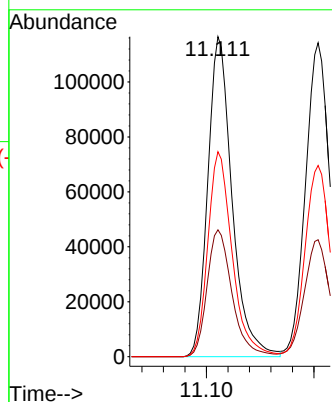
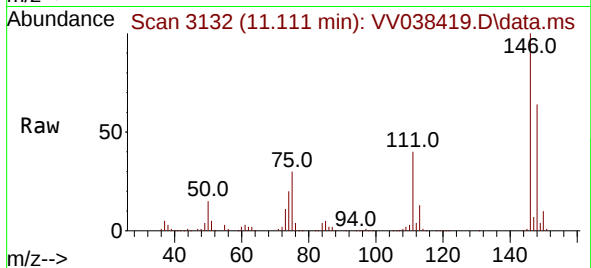
Tgt Ion:146 Resp: 182812

Ion Ratio Lower Upper

146 100

111 39.7 28.2 52.4

148 64.0 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 4.808 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

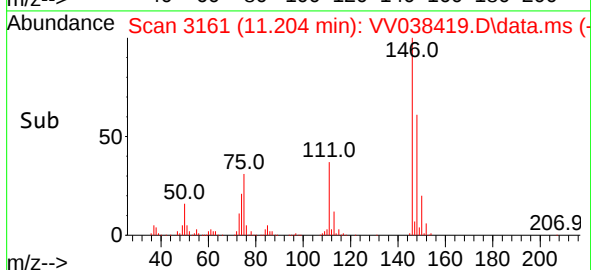
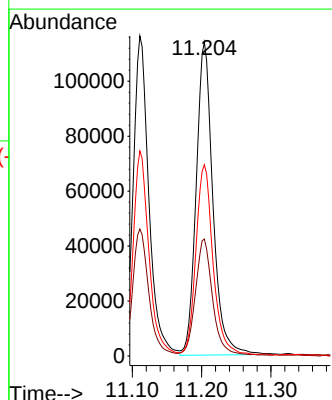
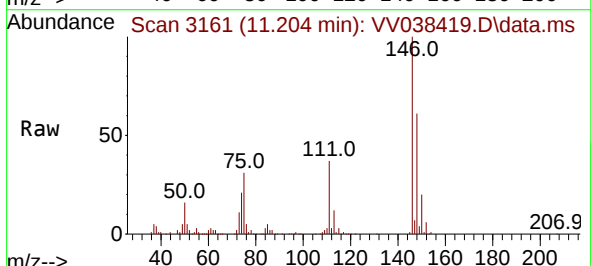
Tgt Ion:146 Resp: 192226

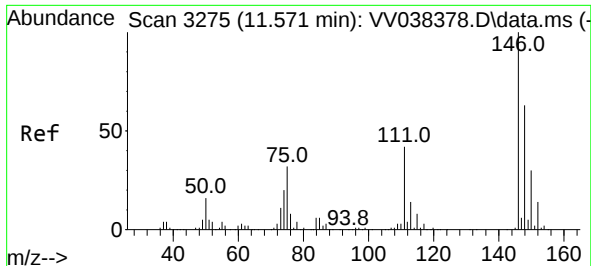
Ion Ratio Lower Upper

146 100

111 37.3 27.4 50.8

148 60.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.701 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Instrument :

MSVOA_V

ClientSampleId :

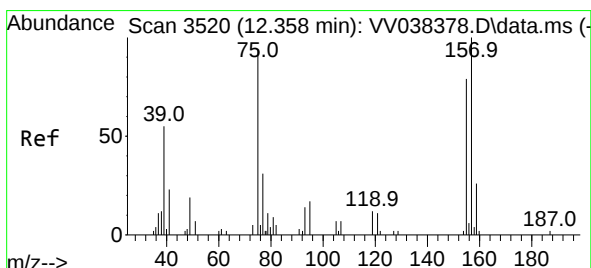
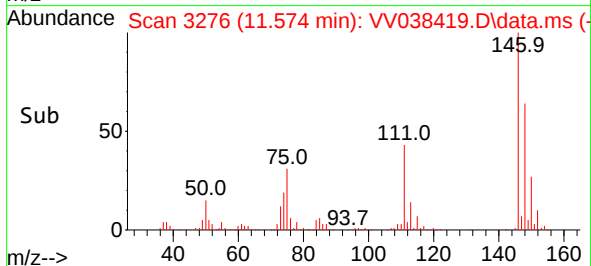
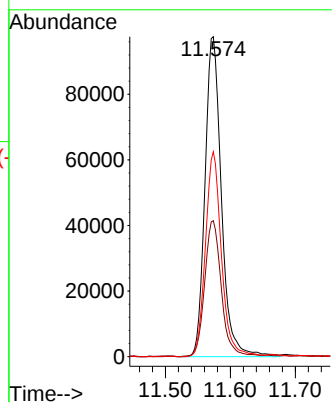
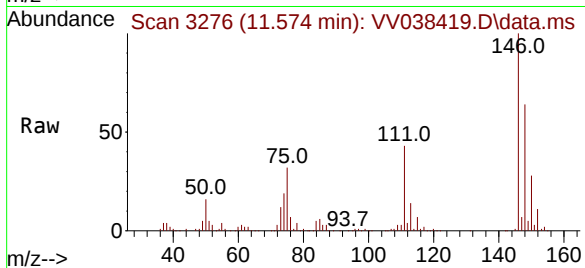
Tgt Ion:146 Resp: 172064

Ion Ratio Lower Upper

146 100

111 42.5 34.2 51.2

148 64.0 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.859 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.003 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

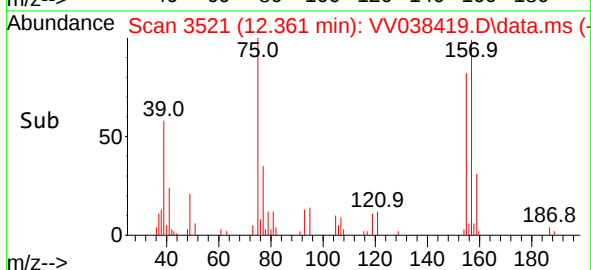
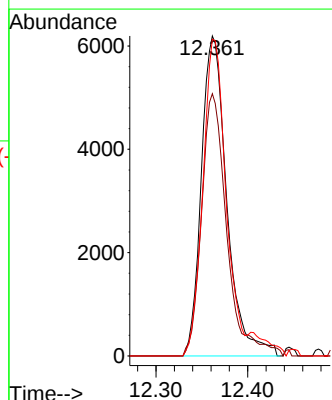
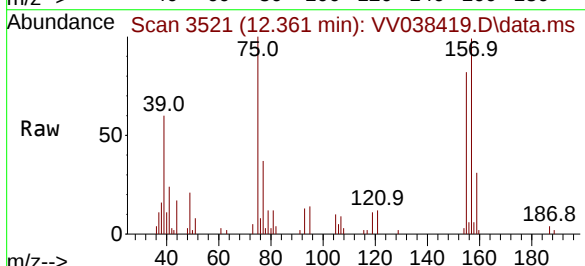
Tgt Ion: 75 Resp: 11940

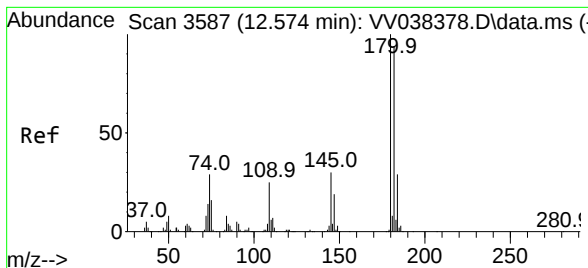
Ion Ratio Lower Upper

75 100

155 82.0 67.5 101.3

157 99.0 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 4.262 ug/L

RT: 12.577 min Scan# 3588

Delta R.T. 0.003 min

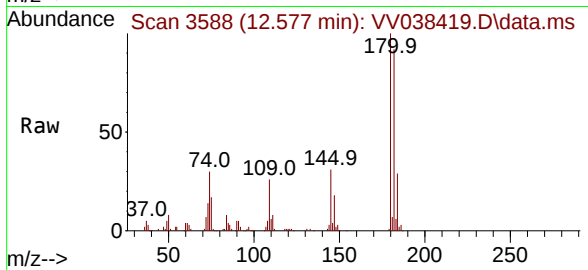
Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 119412

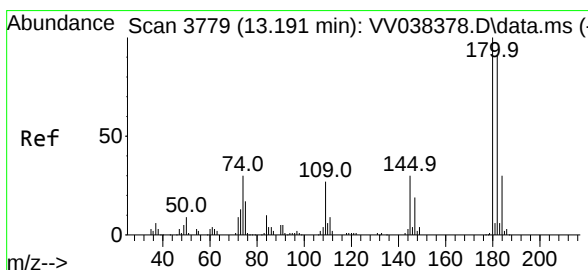
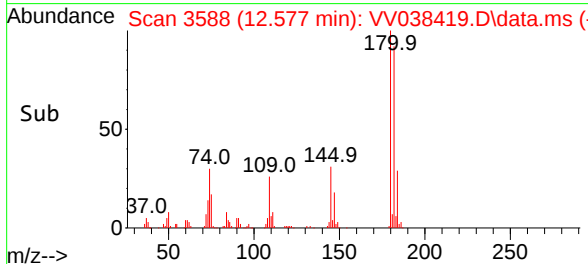
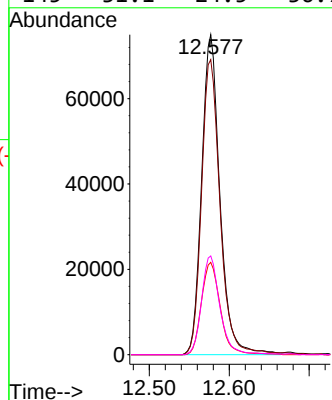
Ion Ratio Lower Upper

180 100

182 94.2 76.0 114.0

184 29.9 23.7 35.5

145 31.1 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.021 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

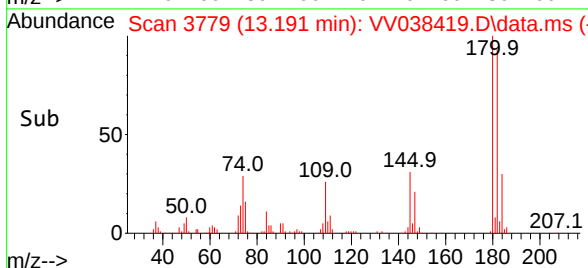
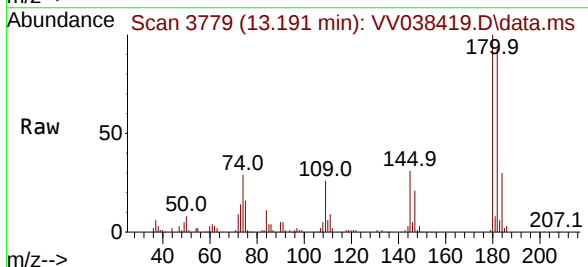
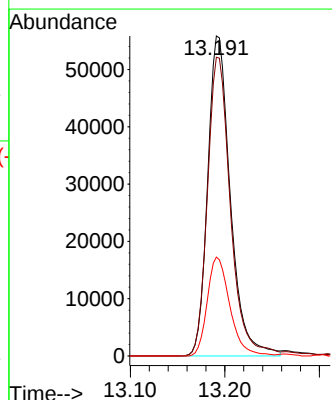
Tgt Ion:180 Resp: 93104

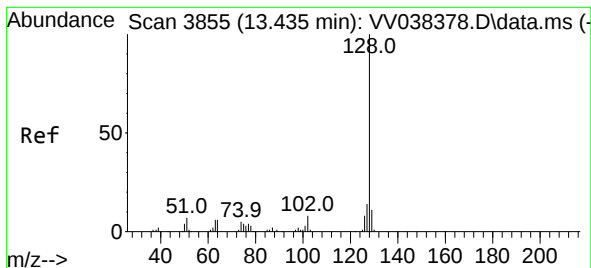
Ion Ratio Lower Upper

180 100

182 94.4 73.8 110.8

145 30.8 24.6 37.0





#71

Naphthalene

Concen: 3.332 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Instrument :

MSVOA_V

ClientSampleId :

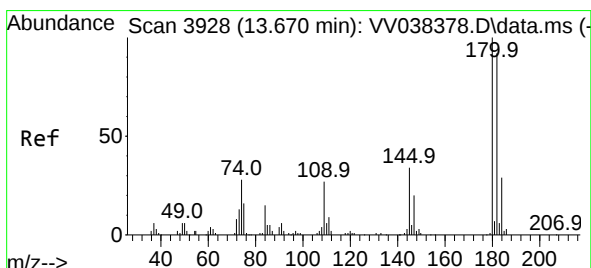
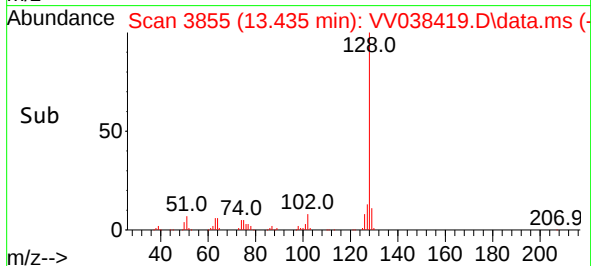
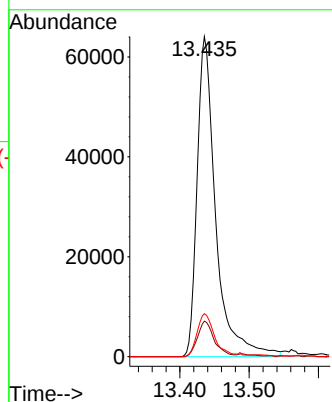
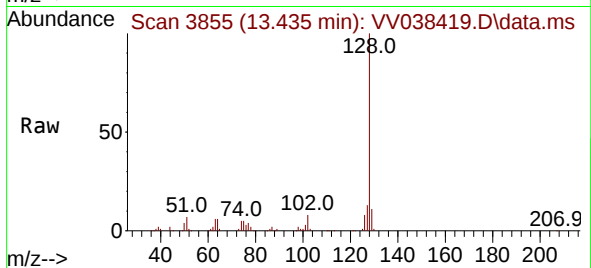
Tgt Ion:128 Resp: 120043

Ion Ratio Lower Upper

128 100

129 10.1 8.5 12.7

127 12.5 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 4.033 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.003 min

Lab File: VV038419.D

Acq: 05 Dec 2024 14:59

Tgt Ion:180 Resp: 86302

Ion Ratio Lower Upper

180 100

182 94.4 75.1 112.7

145 34.7 27.0 40.4

