

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120224\
 Data File : VV038395.D
 Acq On : 02 Dec 2024 17:47
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/100ul/5ML/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 02 21:31:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 21:19:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	224357	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	234224	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	131095	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	160285	85.500	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	171.000%#
7) Chloroethane-d5	1.529	69	132134	83.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	167.300%#
11) 1,1-Dichloroethene-d2	2.056	65	68218	85.833	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	171.660%#
21) 2-Butanone-d5	3.783	46	171442	192.171	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	192.170%#
24) Chloroform-d	4.240	84	302255	88.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	177.240%#
26) 1,2-Dichloroethane-d4	4.934	65	181375	90.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	180.160%#
32) Benzene-d6	4.950	84	589224	87.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	174.620%#
36) 1,2-Dichloropropane-d6	5.979	67	181325	86.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	172.820%#
41) Toluene-d8	7.233	98	540519	88.558	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	177.120%#
43) trans-1,3-Dichloroprop...	7.548	79	85920	84.660	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	169.320%#
47) 2-Hexanone-d5	8.018	63	110833	172.955	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	172.960%#
56) 1,1,2,2-Tetrachloroeth...	10.143	84	251796	85.798	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	171.600%#
66) 1,2-Dichlorobenzene-d4	11.551	152	208366	82.208	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	164.420%#

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	154538	75.001	ug/L	98
3) Chloromethane	1.214	50	164110	76.775	ug/L	99
5) Vinyl chloride	1.282	62	167586	76.864	ug/L	99
6) Bromomethane	1.484	94	100100	74.100	ug/L	99
8) Chloroethane	1.545	64	104055	75.425	ug/L	100
9) Trichlorofluoromethane	1.712	101	216336	75.233	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	126249	76.252	ug/L	99
12) 1,1-Dichloroethene	2.066	96	119981	76.092	ug/L	96
13) Acetone	2.111	43	159451	129.588	ug/L	100
14) Carbon disulfide	2.236	76	394441	76.010	ug/L	99
15) Methyl Acetate	2.372	43	131299	82.446	ug/L	96
16) Methylene chloride	2.442	84	148368	77.980	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	132601	77.121	ug/L	93
18) Methyl tert-butyl Ether	2.696	73	373795	75.271	ug/L	100
19) 1,1-Dichloroethane	3.105	63	245158	77.746	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	141004	77.979	ug/L	99
22) 2-Butanone	3.867	43	162509	138.983	ug/L	98
23) Bromochloromethane	4.140	128	77594	78.945	ug/L	92
25) Chloroform	4.269	83	254870	77.430	ug/L	100

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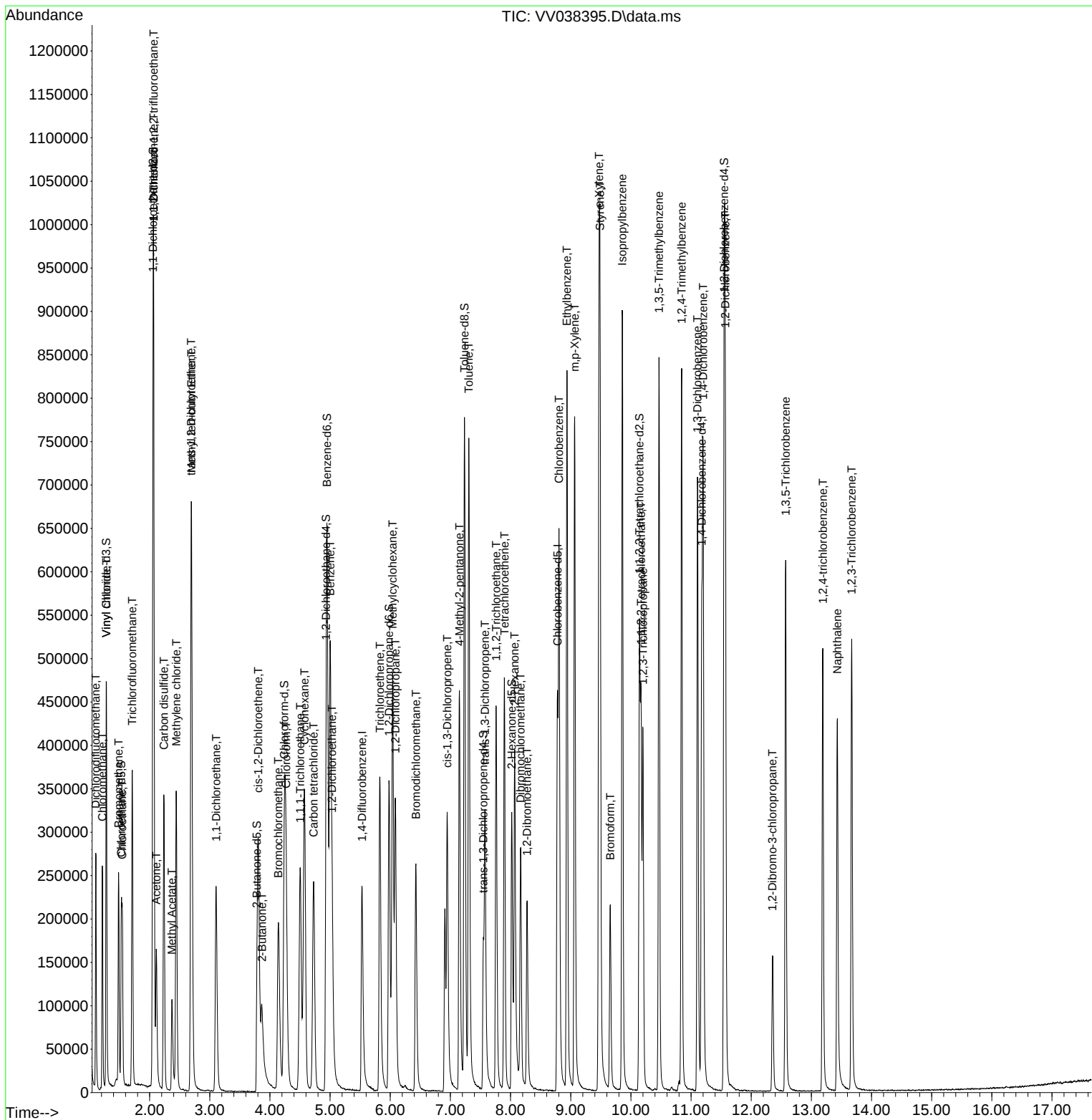
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 ClientSampleId :

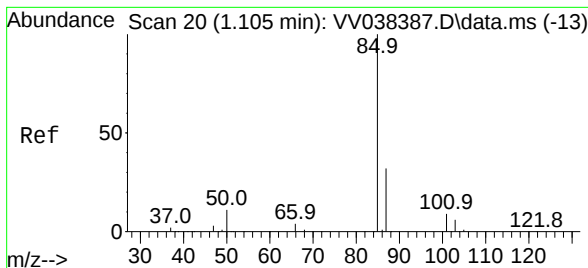
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 Quant Title : VOC Analysis
 QLast Update : Mon Dec 02 21:19:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	190487	79.333	ug/L	96
29) Cyclohexane	4.574	56	187044	74.330	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	218669	73.879	ug/L	98
31) Carbon tetrachloride	4.725	117	194339	74.713	ug/L	97
33) Benzene	5.002	78	543680	76.901	ug/L	100
34) Trichloroethene	5.828	95	139429	73.821	ug/L	98
35) Methylcyclohexane	6.040	83	196886	72.590	ug/L	99
37) 1,2-Dichloropropane	6.085	63	138522	75.357	ug/L	99
38) Bromodichloromethane	6.426	83	187320	73.424	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	202327	70.928	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	308348	149.876	ug/L	99
42) Toluene	7.307	91	570709	77.701	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	199450	72.378	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	143497	75.236	ug/L	99
46) Tetrachloroethene	7.899	164	106861	73.285	ug/L	97
48) 2-Hexanone	8.069	43	254870	148.475	ug/L	97
49) Dibromochloromethane	8.169	129	144467	73.438	ug/L	99
50) 1,2-Dibromoethane	8.275	107	150381	74.814	ug/L	98
51) Chlorobenzene	8.805	112	365188	72.362	ug/L	98
52) Ethylbenzene	8.937	91	582389	73.928	ug/L	100
53) m,p-Xylene	9.066	106	226020	75.693	ug/L	97
54) o-Xylene	9.471	106	215534	75.031	ug/L	98
55) Styrene	9.487	104	392541	77.836	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	217110	73.282	ug/L	98
59) Bromoform	9.657	173	95705	67.910	ug/L	99
60) Isopropylbenzene	9.857	105	574503	71.665	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	166224	72.835	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	446308	69.385	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	449623	71.104	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	290594	70.620	ug/L	97
65) 1,4-Dichlorobenzene	11.201	146	302580	69.170	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	291364	69.452	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	41328	68.708	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	184553	65.755	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	157537	66.624	ug/L	98
71) Naphthalene	13.432	128	377959	58.959	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	160668	69.259	ug/L	99

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

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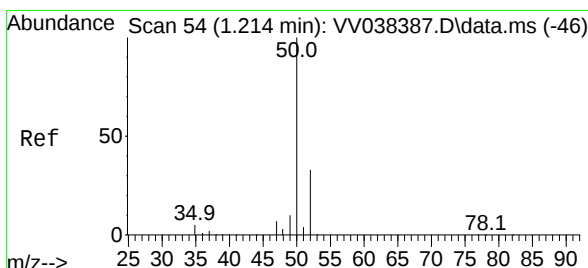
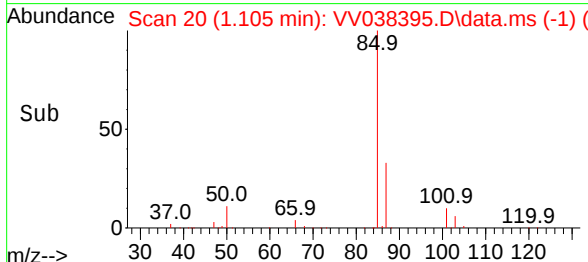
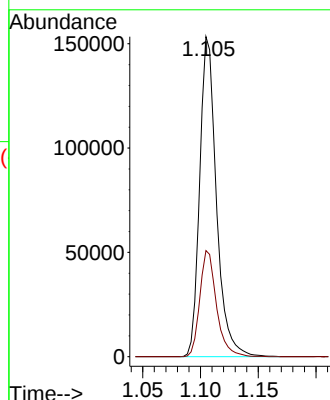
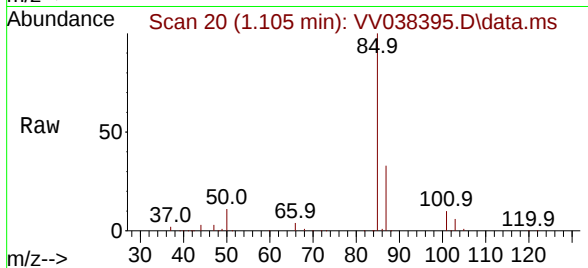




#2
 Dichlorodifluoromethane
 Concen: 75.001 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038395.D
 Acq: 02 Dec 2024 17:47

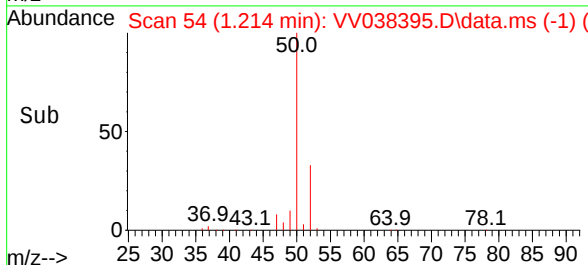
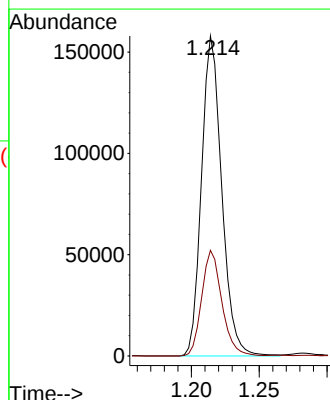
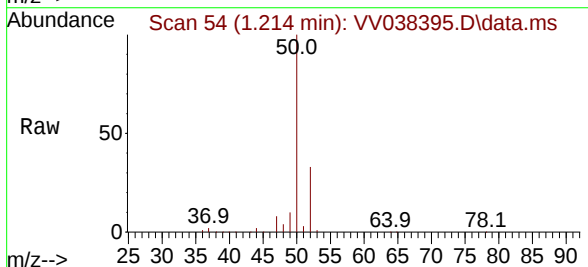
Instrument :
 MSVOA_V
 ClientSampleId :

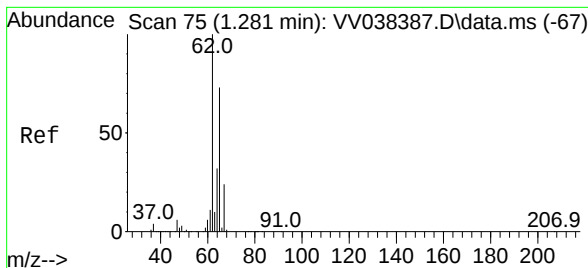
Tgt Ion: 85 Resp: 154538
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.6



#3
 Chloromethane
 Concen: 76.775 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038395.D
 Acq: 02 Dec 2024 17:47

Tgt Ion: 50 Resp: 164110
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.7 42.3





#5

Vinyl chloride

Concen: 76.864 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

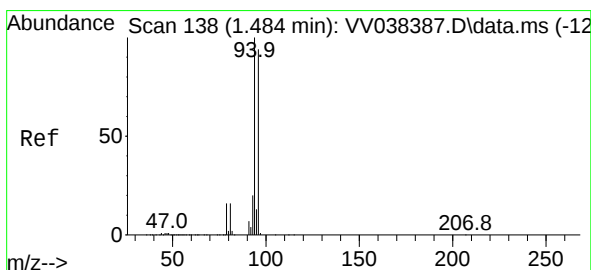
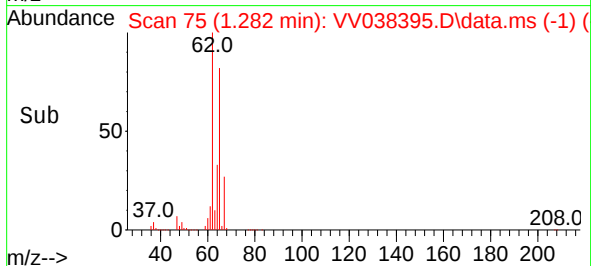
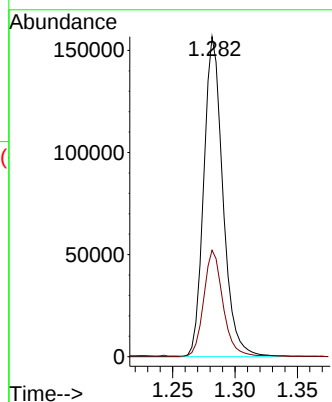
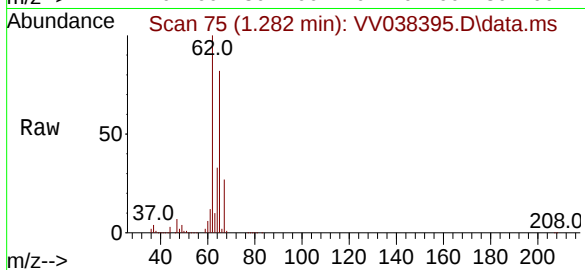
ClientSampleId :

Tgt Ion: 62 Resp: 167586

Ion Ratio Lower Upper

62 100

64 33.3 22.8 42.4



#6

Bromomethane

Concen: 74.100 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV038395.D

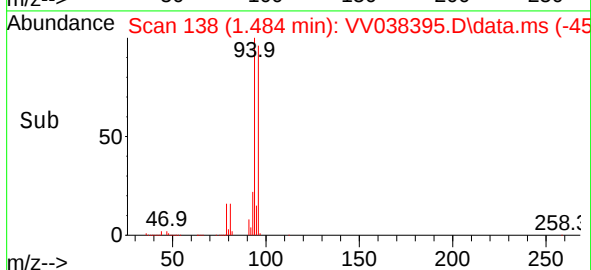
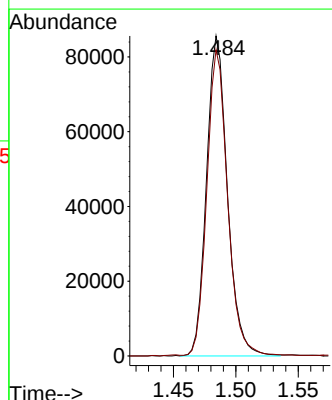
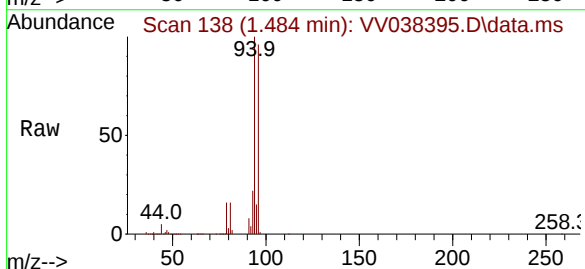
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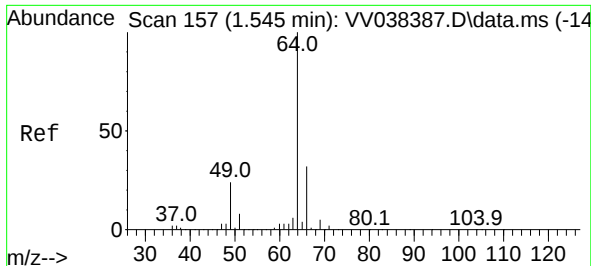
Tgt Ion: 94 Resp: 100100

Ion Ratio Lower Upper

94 100

96 95.7 66.1 122.8

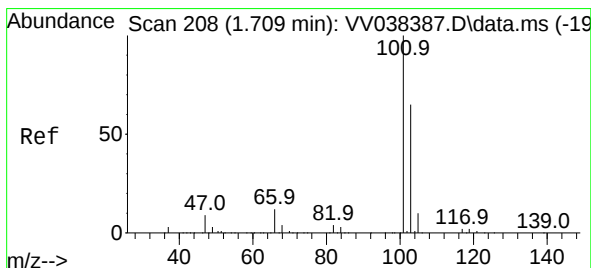
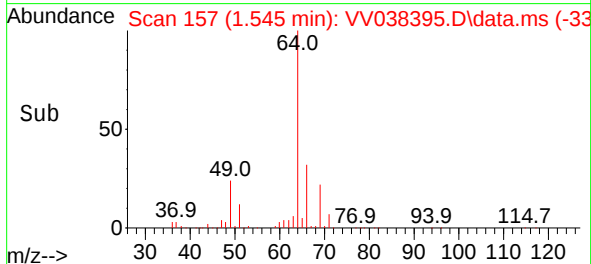
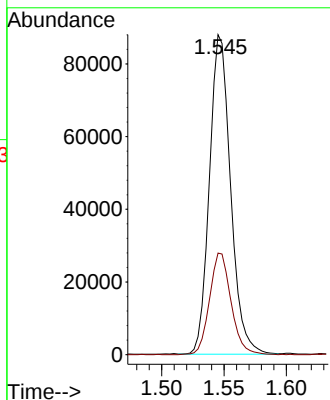
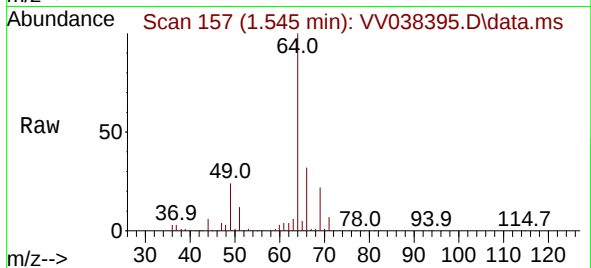




#8
Chloroethane
Concen: 75.425 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

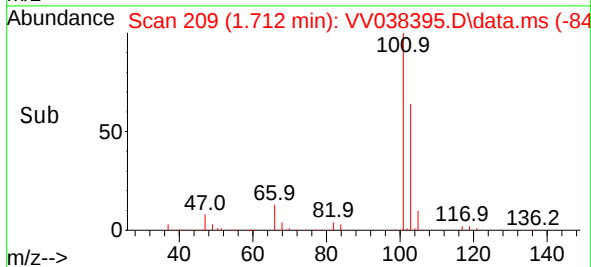
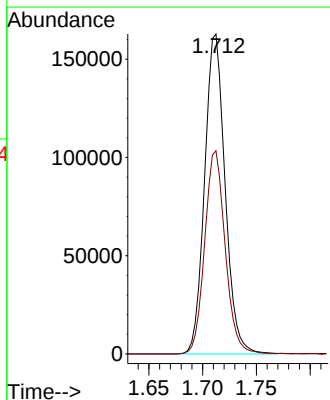
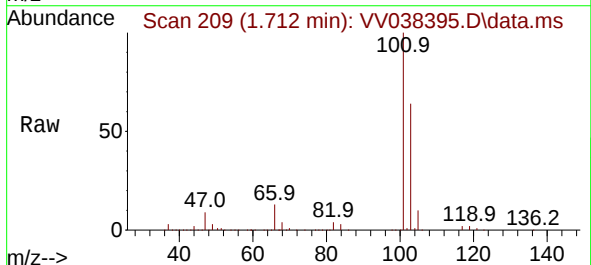
Instrument :
MSVOA_V
ClientSampleId :

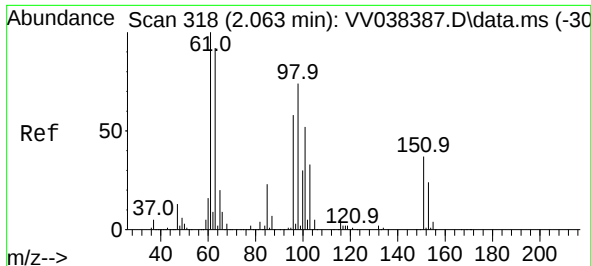
Tgt Ion: 64 Resp: 104055
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 75.233 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.003 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

Tgt Ion:101 Resp: 216336
Ion Ratio Lower Upper
101 100
103 63.7 51.7 77.5





#10

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

Concen: 76.252 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

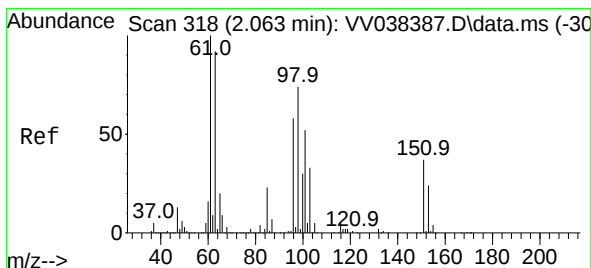
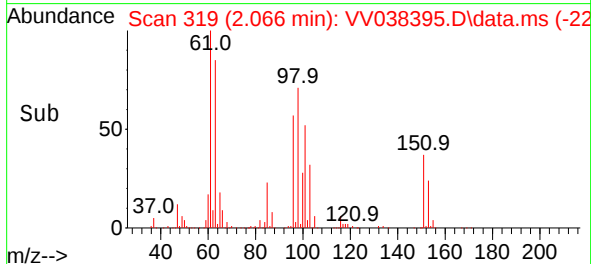
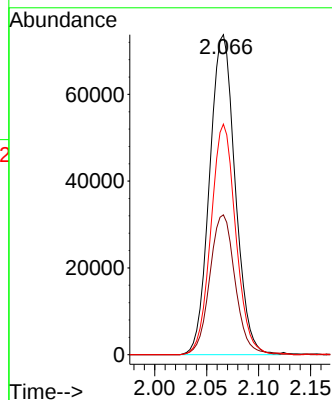
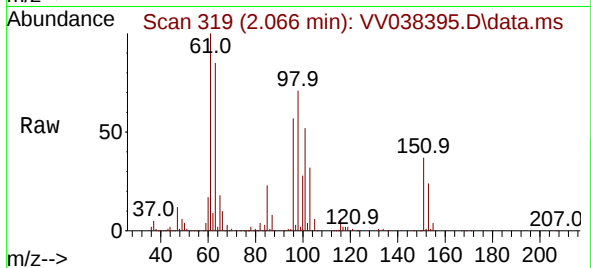
Tgt Ion:101 Resp: 126249

Ion Ratio Lower Upper

101 100

85 43.4 34.7 52.1

151 70.0 55.3 82.9



#12

1,1-Dichloroethene

Concen: 76.092 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

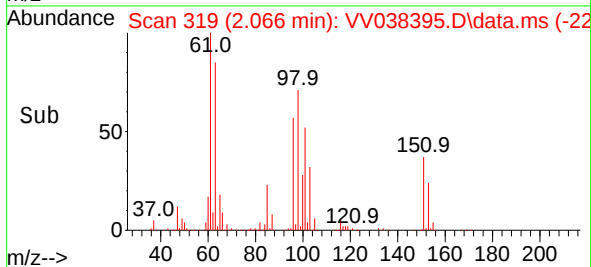
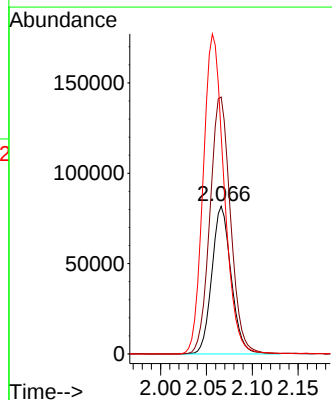
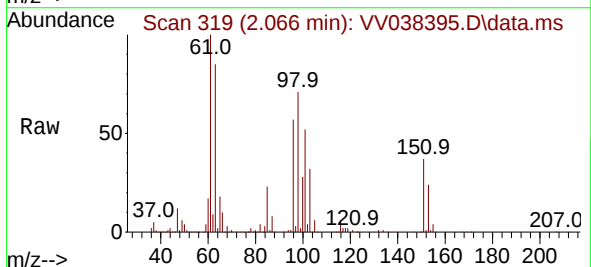
Tgt Ion: 96 Resp: 119981

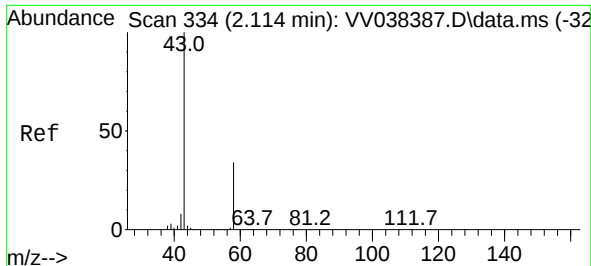
Ion Ratio Lower Upper

96 100

61 174.0 120.9 224.5

63 148.3 110.9 205.9





#13

Acetone

Concen: 129.588 ug/L

RT: 2.111 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

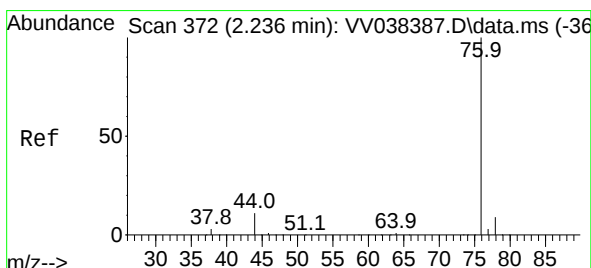
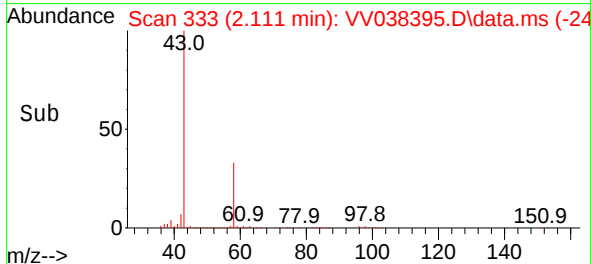
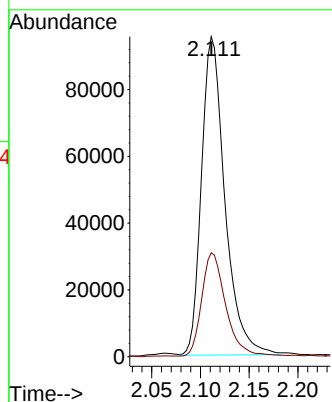
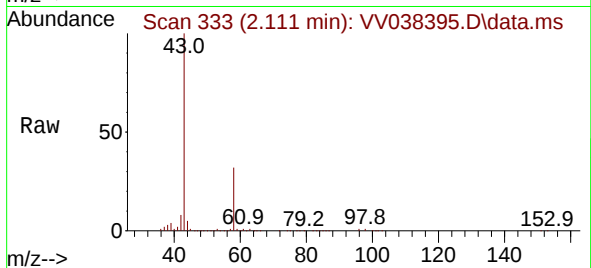
ClientSampleId :

Tgt Ion: 43 Resp: 159451

Ion Ratio Lower Upper

43 100

58 33.9 0.0 67.2



#14

Carbon disulfide

Concen: 76.010 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV038395.D

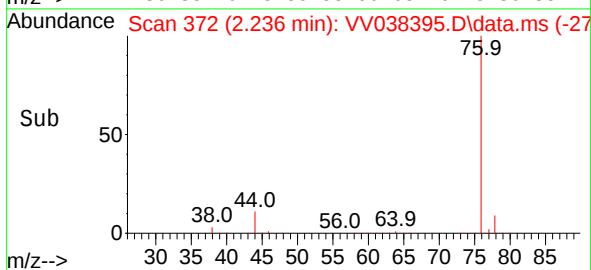
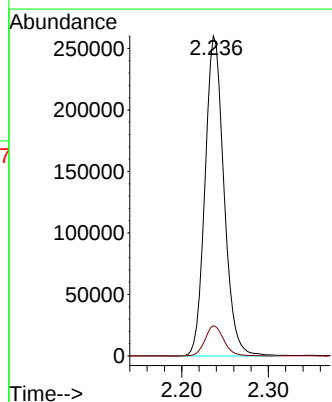
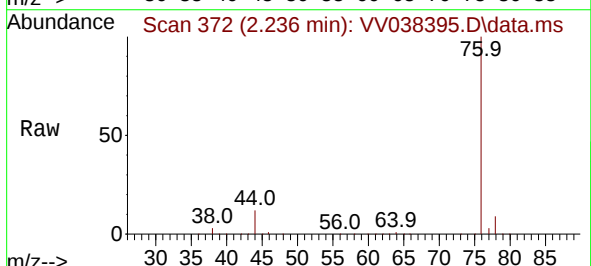
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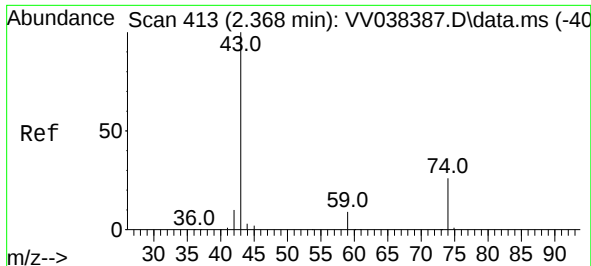
Tgt Ion: 76 Resp: 394441

Ion Ratio Lower Upper

76 100

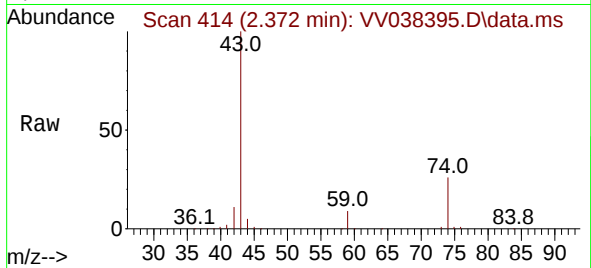
78 9.4 7.4 11.0



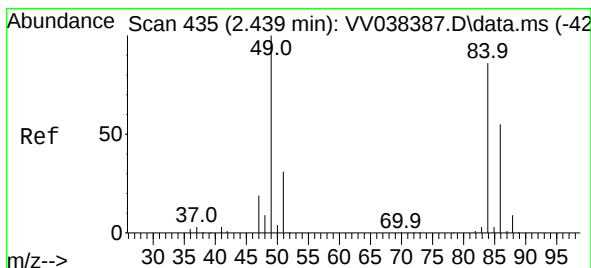
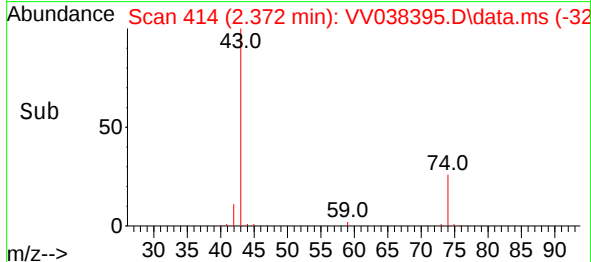
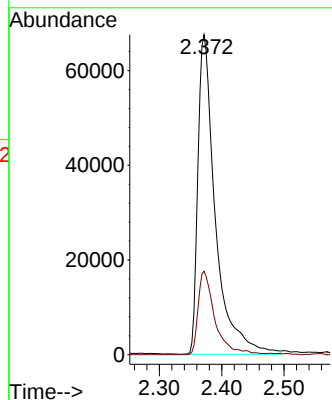


#15
Methyl Acetate
Concen: 82.446 ug/L
RT: 2.372 min Scan# 413
Delta R.T. 0.003 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

Instrument :
MSVOA_V
ClientSampleId :

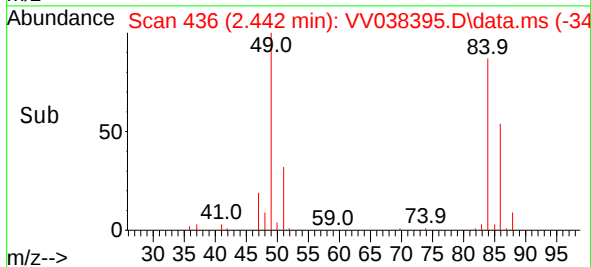
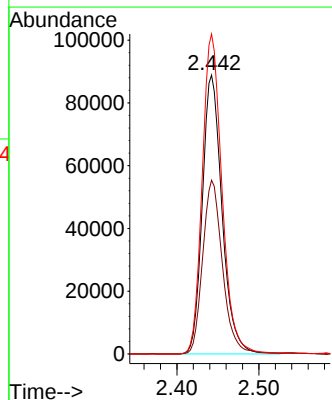
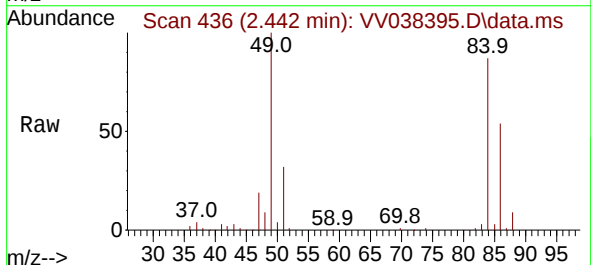


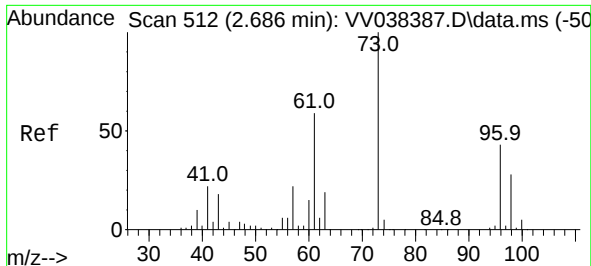
Tgt Ion: 43 Resp: 131299
Ion Ratio Lower Upper
43 100
74 23.8 20.6 31.0



#16
Methylene chloride
Concen: 77.980 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

Tgt Ion: 84 Resp: 148368
Ion Ratio Lower Upper
84 100
86 62.3 44.5 82.7
49 114.7 81.7 151.7





#17

trans-1,2-Dichloroethene

Concen: 77.121 ug/L

RT: 2.690 min Scan# 512

Delta R.T. 0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

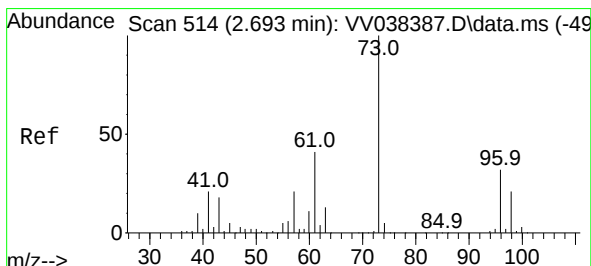
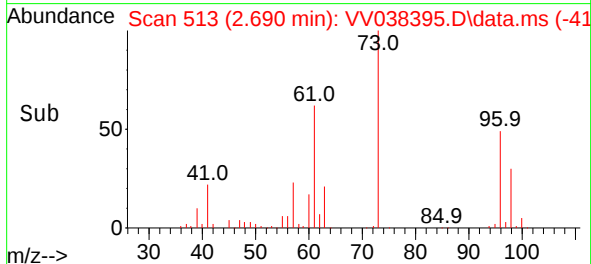
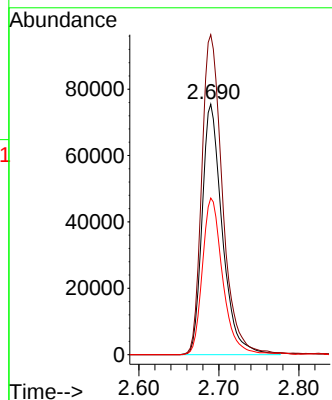
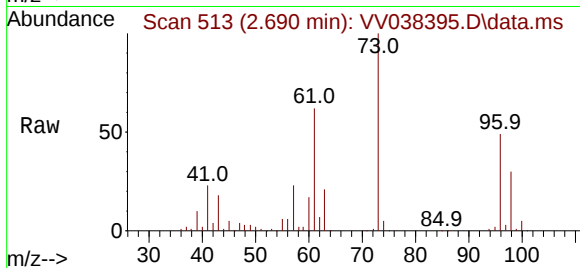
Tgt Ion: 96 Resp: 132601

Ion Ratio Lower Upper

96 100

61 127.7 95.7 177.7

98 62.5 46.4 86.2



#18

Methyl tert-butyl Ether

Concen: 75.271 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

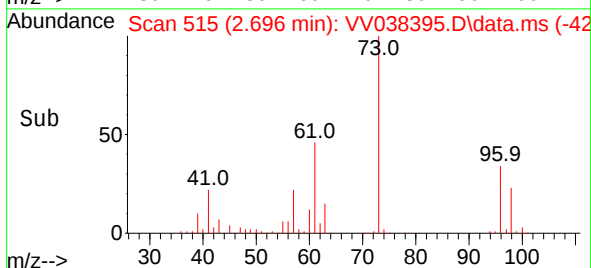
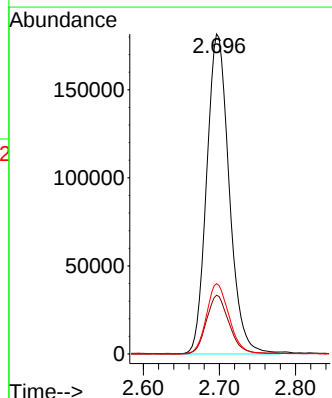
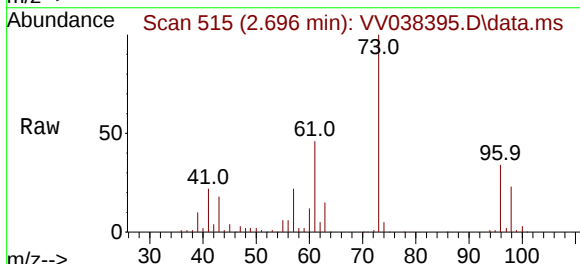
Tgt Ion: 73 Resp: 373795

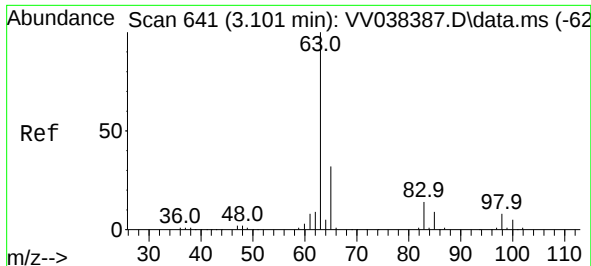
Ion Ratio Lower Upper

73 100

43 18.2 14.7 22.1

57 22.1 17.7 26.5





#19

1,1-Dichloroethane

Concen: 77.746 ug/L

RT: 3.105 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

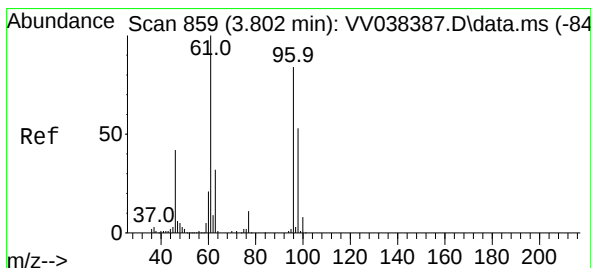
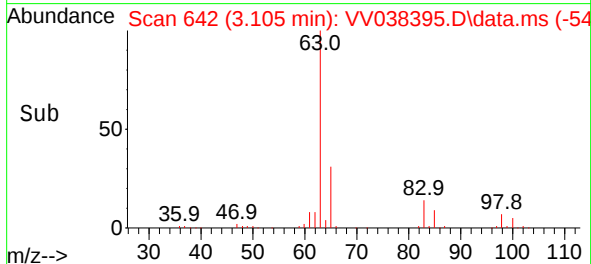
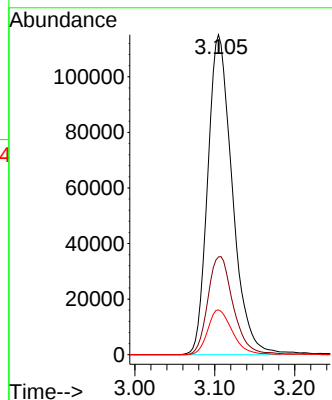
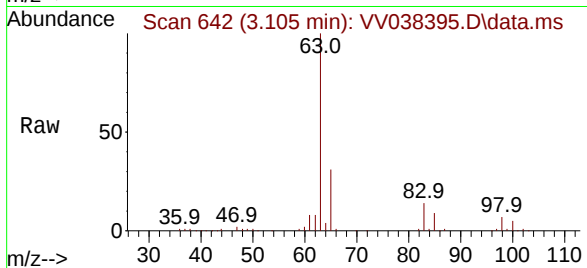
Tgt Ion: 63 Resp: 245158

Ion Ratio Lower Upper

63 100

65 30.6 22.6 42.0

83 14.0 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 77.979 ug/L

RT: 3.806 min Scan# 860

Delta R.T. 0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

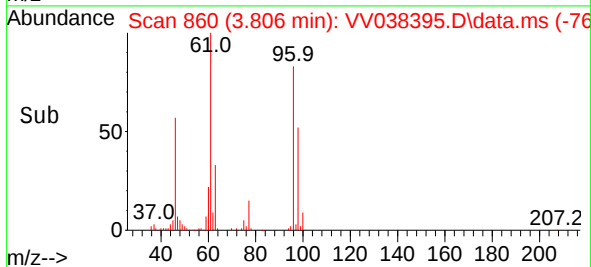
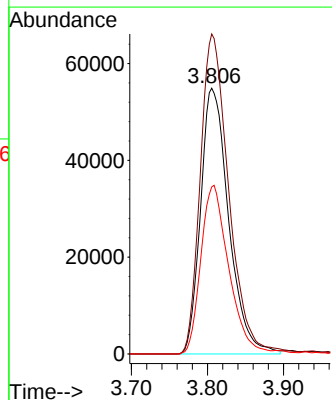
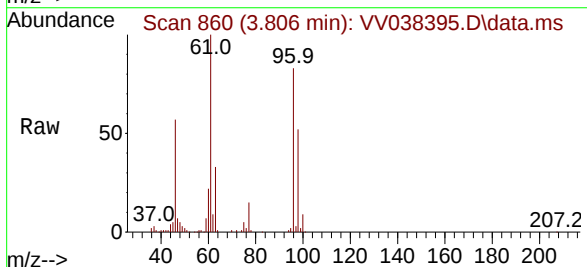
Tgt Ion: 96 Resp: 141004

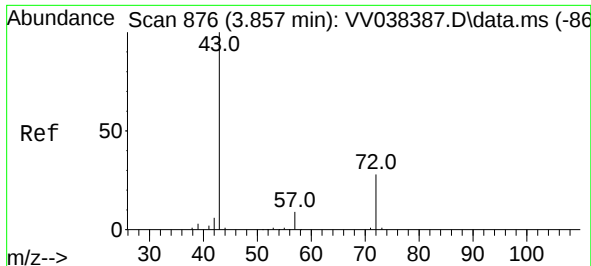
Ion Ratio Lower Upper

96 100

61 120.4 83.5 155.1

98 62.9 44.6 82.8

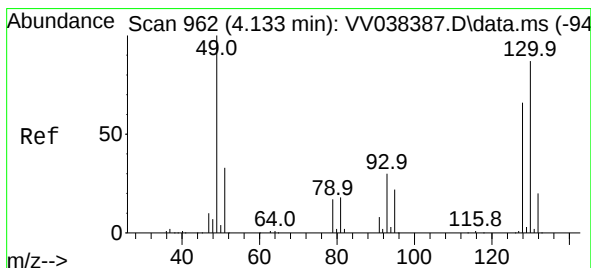
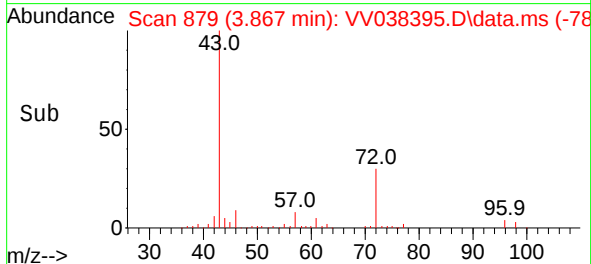
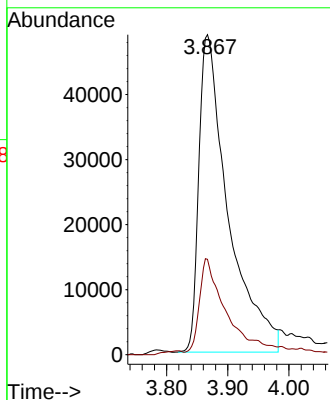
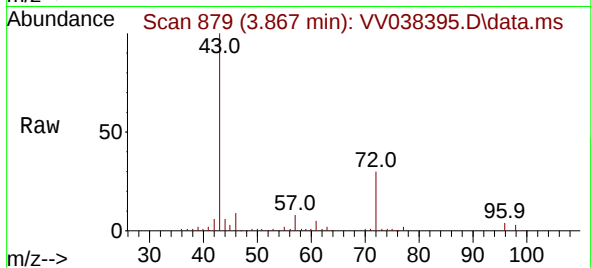




#22
2-Butanone
Concen: 138.983 ug/L
RT: 3.867 min Scan# 876
Delta R.T. 0.010 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

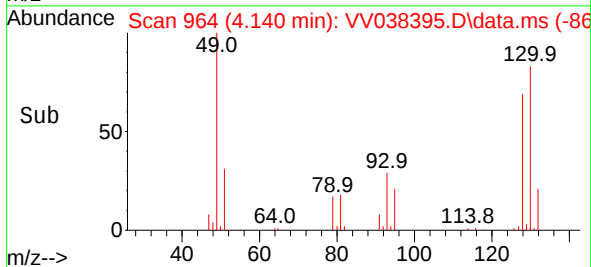
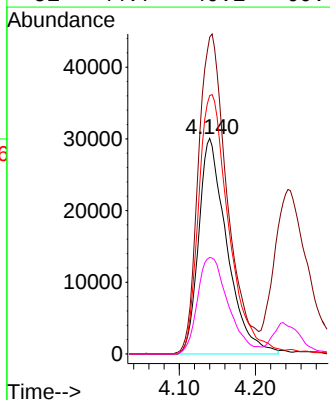
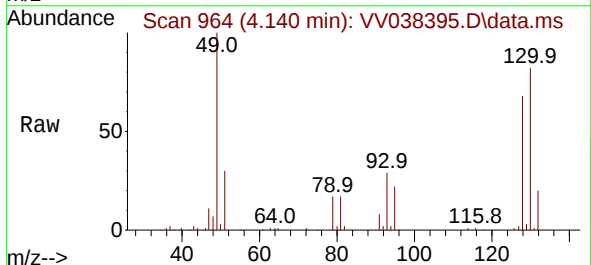
Instrument :
MSVOA_V
ClientSampleId :

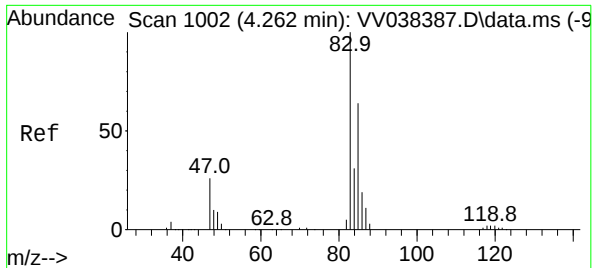
Tgt Ion: 43 Resp: 162509
Ion Ratio Lower Upper
43 100
72 24.2 12.5 37.5



#23
Bromochloromethane
Concen: 78.945 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.007 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

Tgt Ion:128 Resp: 77594
Ion Ratio Lower Upper
128 100
49 147.0 106.7 198.3
130 119.9 93.2 173.2
51 44.7 40.2 60.4





#25

Chloroform

Concen: 77.430 ug/L

RT: 4.269 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

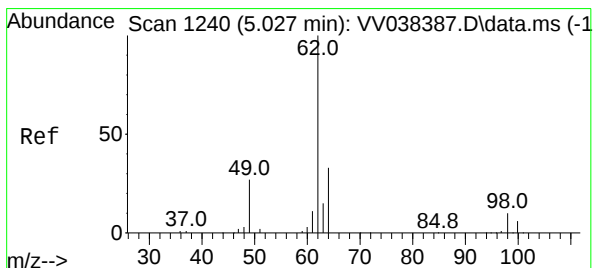
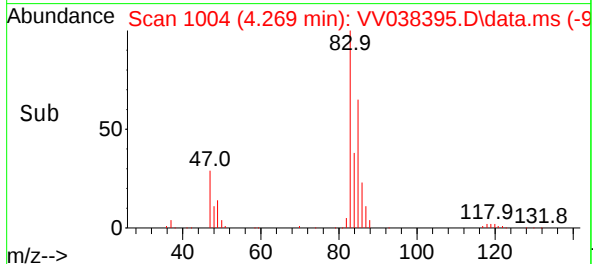
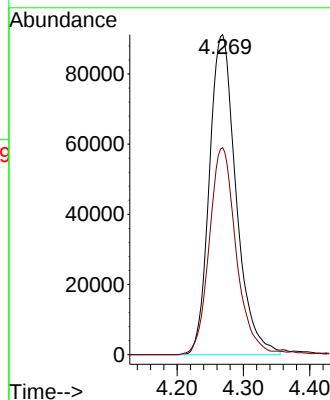
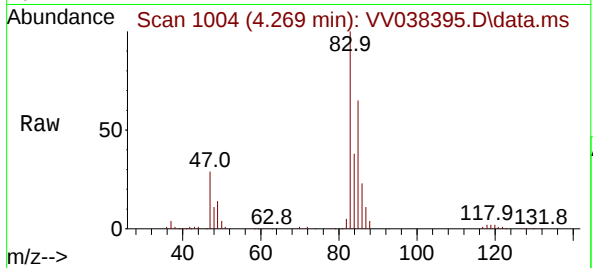
ClientSampleId :

Tgt Ion: 83 Resp: 254870

Ion Ratio Lower Upper

83 100

85 64.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 79.333 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.007 min

Lab File: VV038395.D

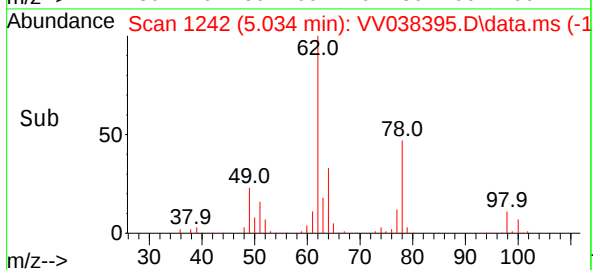
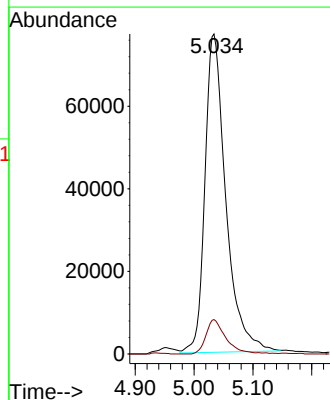
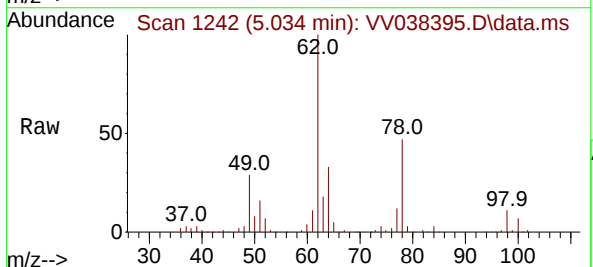
Acq: 02 Dec 2024 17:47

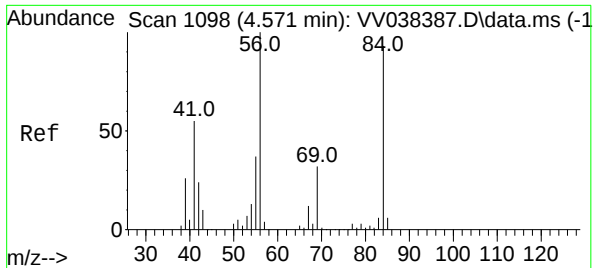
Tgt Ion: 62 Resp: 190487

Ion Ratio Lower Upper

62 100

98 10.8 7.5 11.3





#29

Cyclohexane

Concen: 74.330 ug/L

RT: 4.574 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

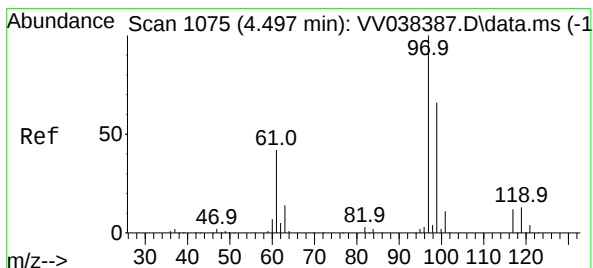
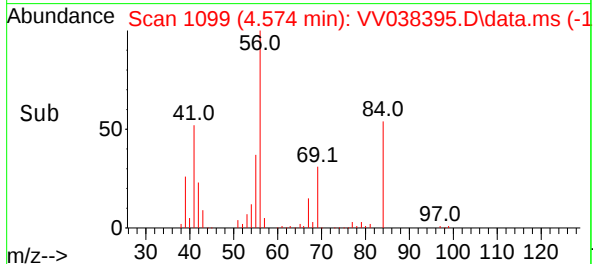
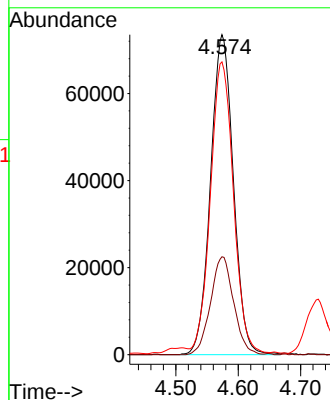
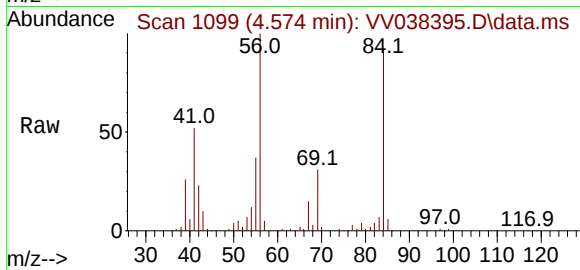
Tgt Ion: 56 Resp: 187044

Ion Ratio Lower Upper

56 100

69 30.9 24.8 37.2

84 90.9 73.7 110.5



#30

1,1,1-Trichloroethane

Concen: 73.879 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.007 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

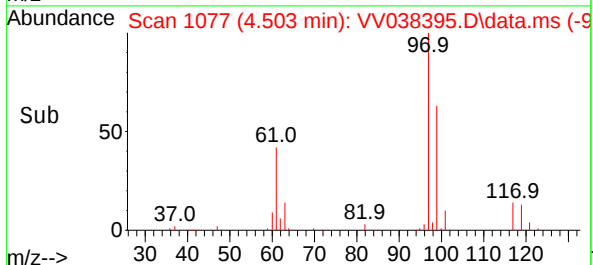
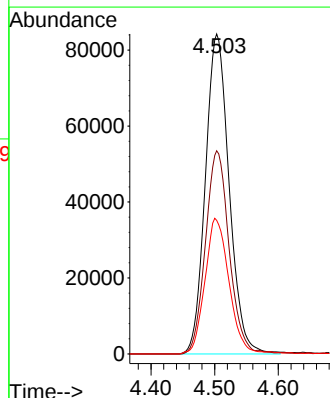
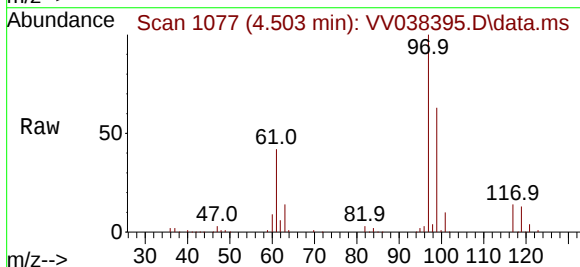
Tgt Ion: 97 Resp: 218669

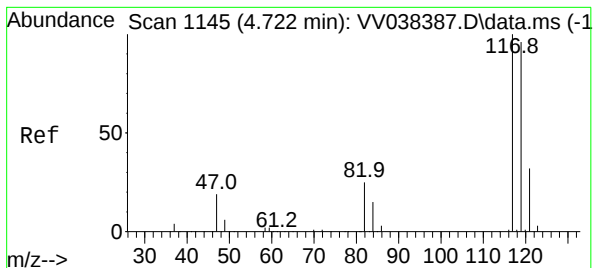
Ion Ratio Lower Upper

97 100

99 62.9 52.3 78.5

61 42.8 33.6 50.4





#31

Carbon tetrachloride

Concen: 74.713 ug/L

RT: 4.725 min Scan# 1145

Delta R.T. 0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

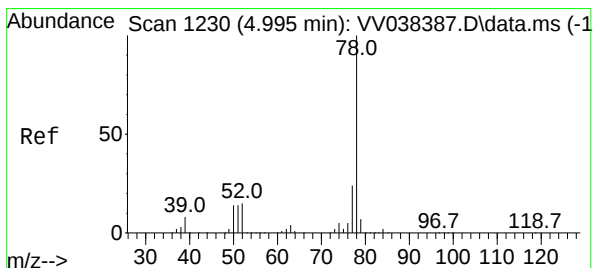
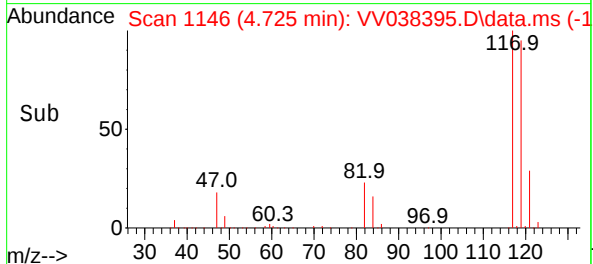
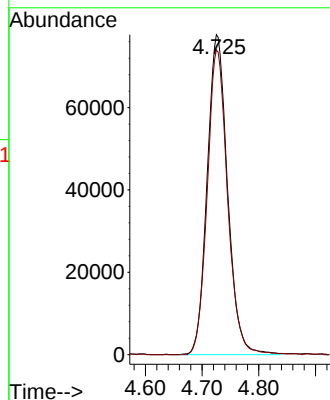
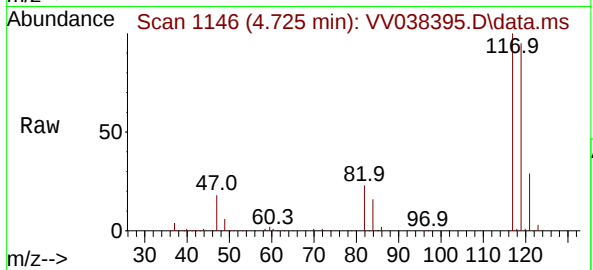
ClientSampleId :

Tgt Ion:117 Resp: 194339

Ion Ratio Lower Upper

117 100

119 94.4 77.7 116.5



#33

Benzene

Concen: 76.901 ug/L

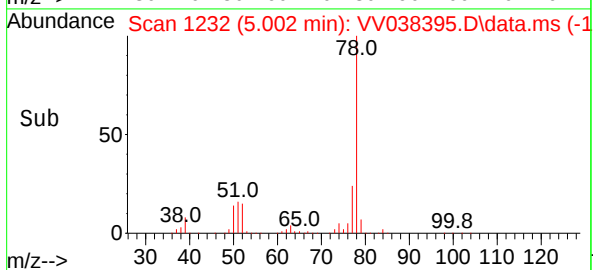
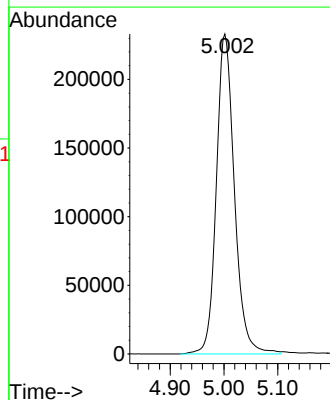
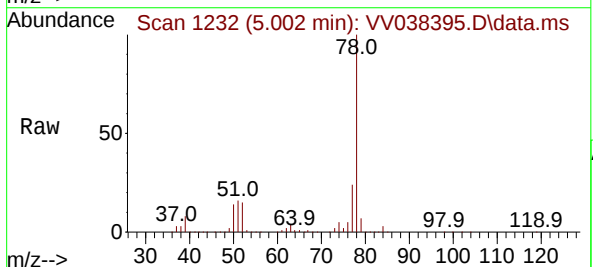
RT: 5.002 min Scan# 1232

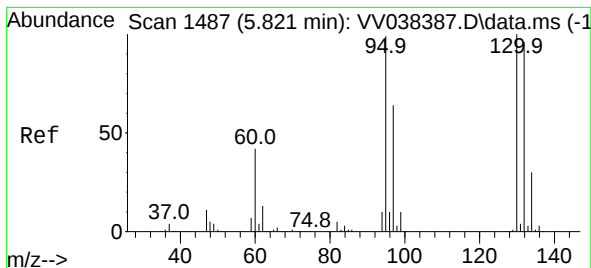
Delta R.T. 0.007 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Tgt Ion: 78 Resp: 543680





#34

Trichloroethene

Concen: 73.821 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.007 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 139429

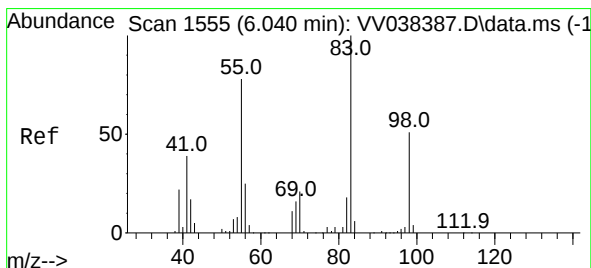
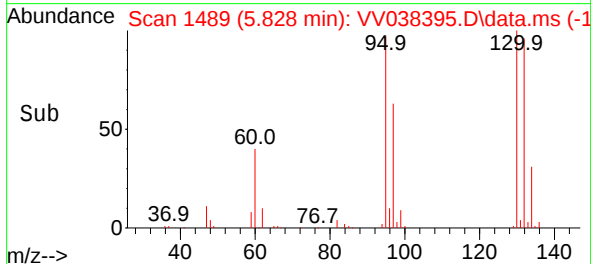
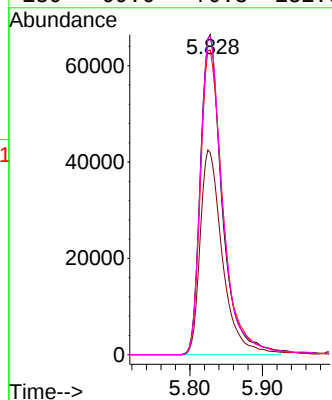
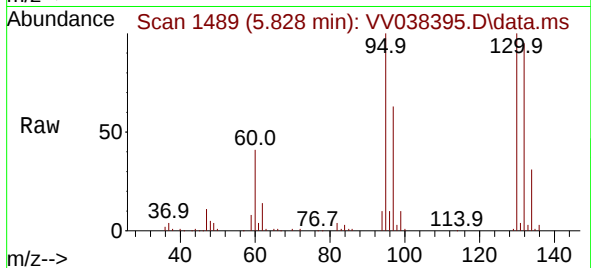
Ion Ratio Lower Upper

95 100

97 63.1 45.6 84.8

132 95.2 67.6 125.6

130 99.6 70.8 131.6



#35

Methylcyclohexane

Concen: 72.590 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

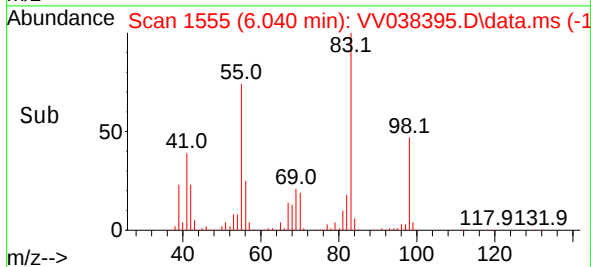
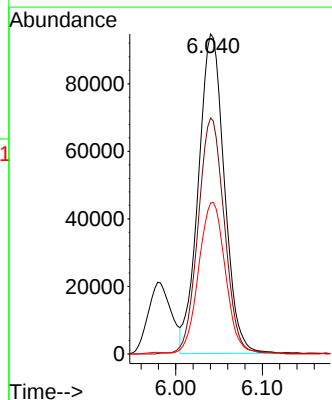
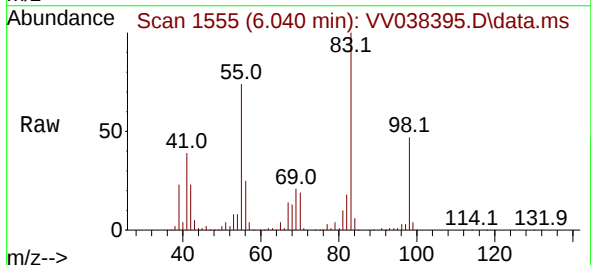
Tgt Ion: 83 Resp: 196886

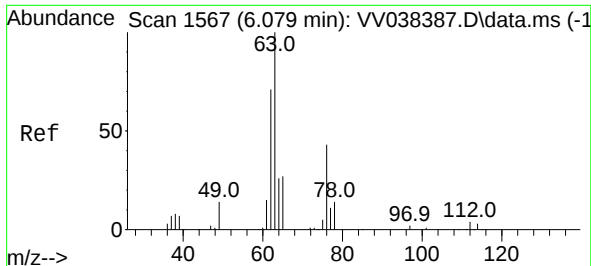
Ion Ratio Lower Upper

83 100

55 74.8 59.0 88.6

98 49.0 39.5 59.3

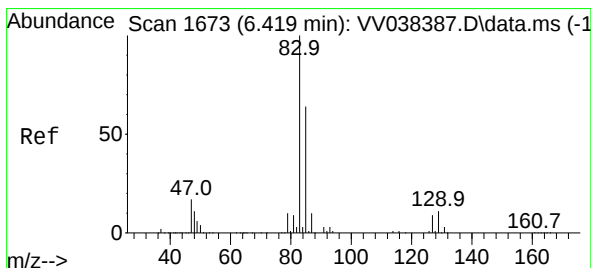
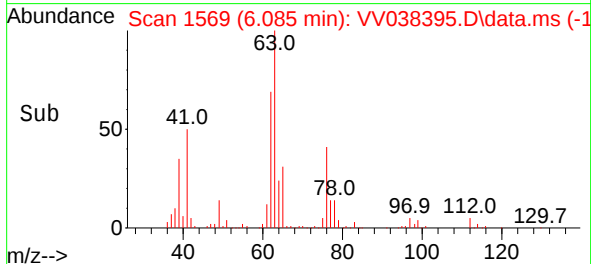
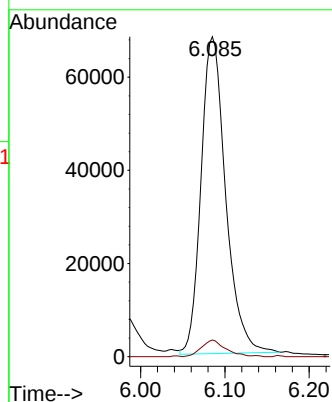
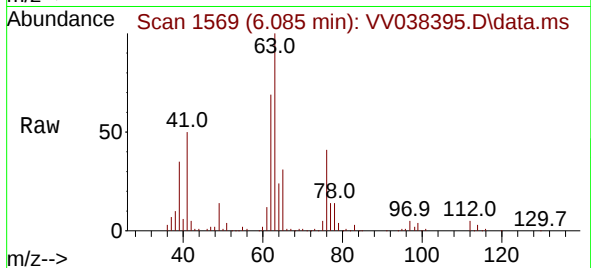




#37
1,2-Dichloropropane
Concen: 75.357 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. 0.007 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

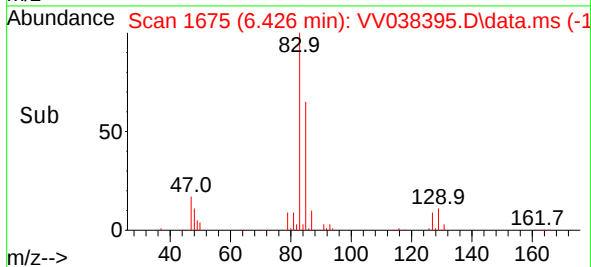
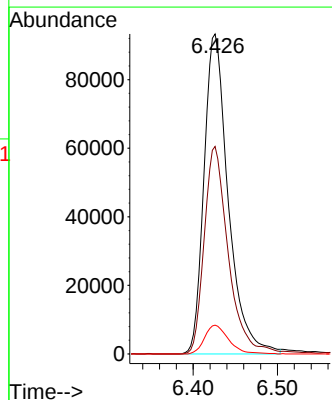
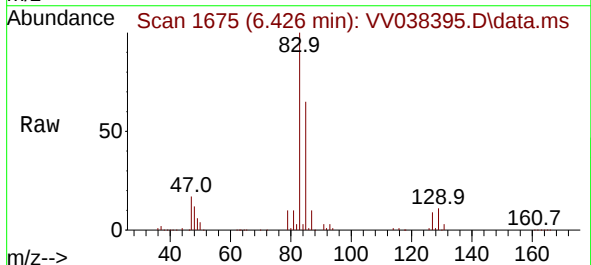
Instrument :
MSVOA_V
ClientSampleId :

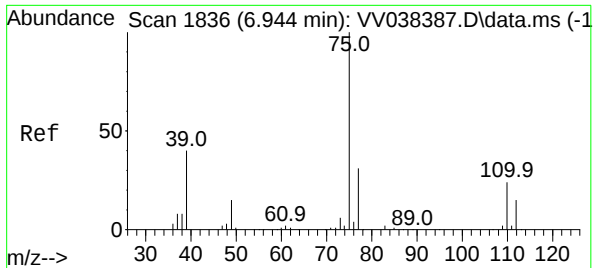
Tgt Ion: 63 Resp: 138522
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.6



#38
Bromodichloromethane
Concen: 73.424 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.007 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

Tgt Ion: 83 Resp: 187320
Ion Ratio Lower Upper
83 100
85 64.8 44.9 83.5
127 9.0 6.8 10.2

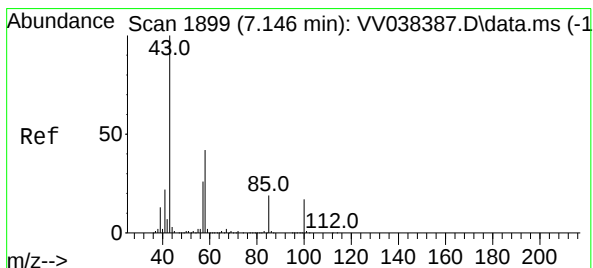
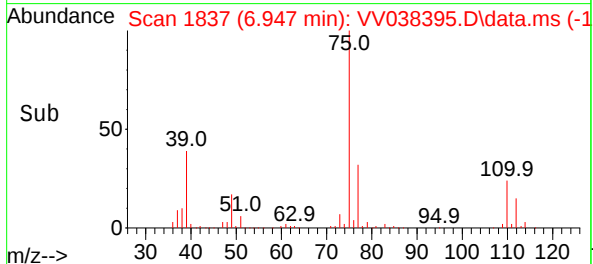
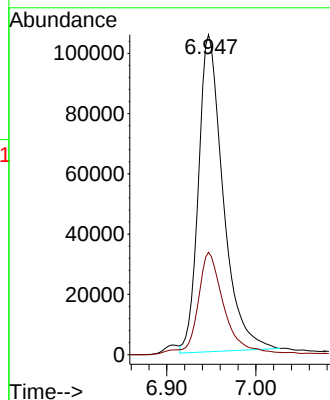
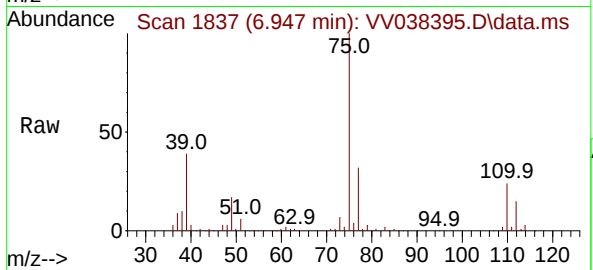




#39
cis-1,3-Dichloropropene
Concen: 70.928 ug/L
RT: 6.947 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

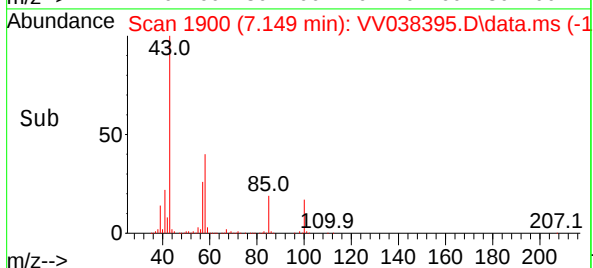
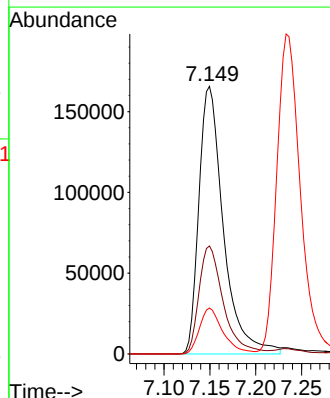
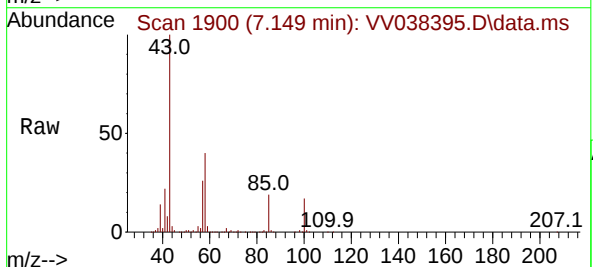
Instrument :
MSVOA_V
ClientSampleId :

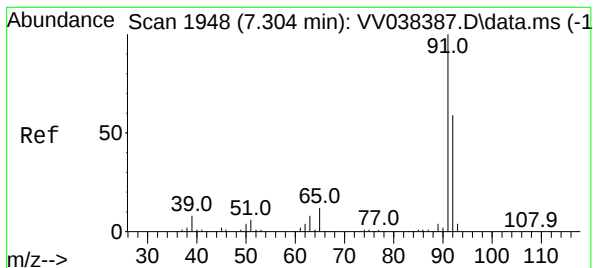
Tgt Ion: 75 Resp: 202327
Ion Ratio Lower Upper
75 100
77 32.0 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 149.876 ug/L
RT: 7.149 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

Tgt Ion: 43 Resp: 308348
Ion Ratio Lower Upper
43 100
58 40.0 32.7 49.1
100 16.5 13.7 20.5





#42

Toluene

Concen: 77.701 ug/L

RT: 7.307 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

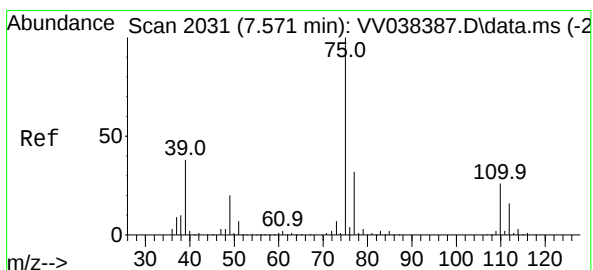
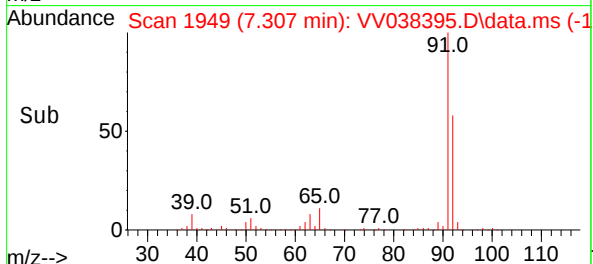
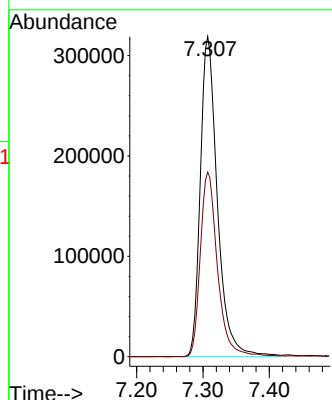
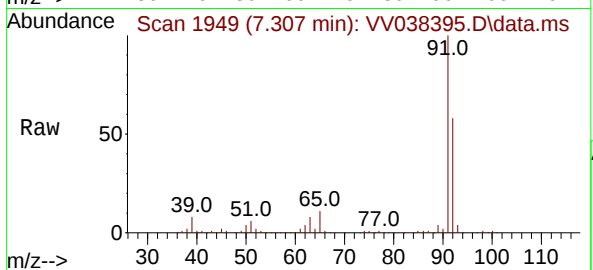
ClientSampleId :

Tgt Ion: 91 Resp: 570709

Ion Ratio Lower Upper

91 100

92 57.7 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 72.378 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. 0.003 min

Lab File: VV038395.D

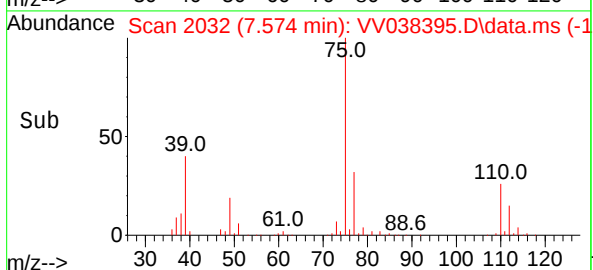
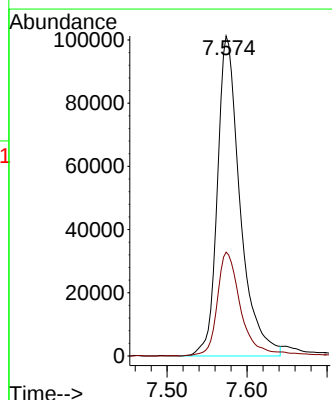
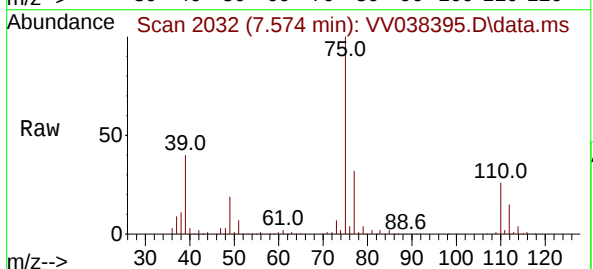
Acq: 02 Dec 2024 17:47

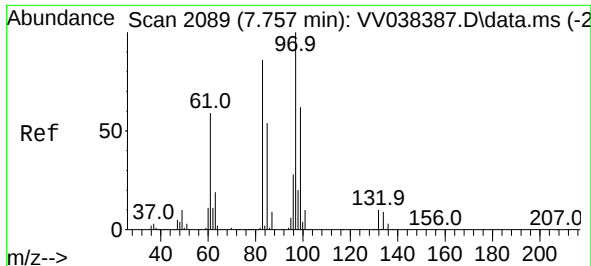
Tgt Ion: 75 Resp: 199450

Ion Ratio Lower Upper

75 100

77 32.4 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 75.236 ug/L

RT: 7.760 min Scan# 2089

Delta R.T. 0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 143497

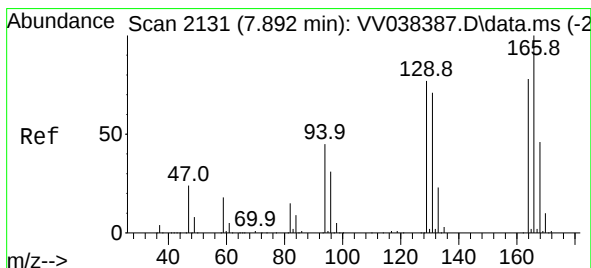
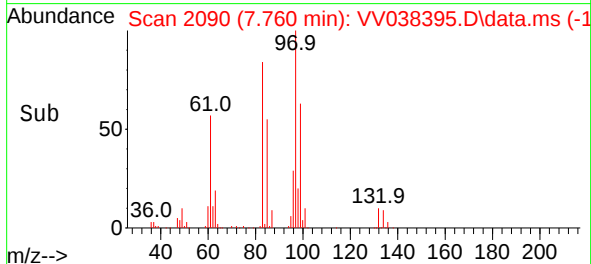
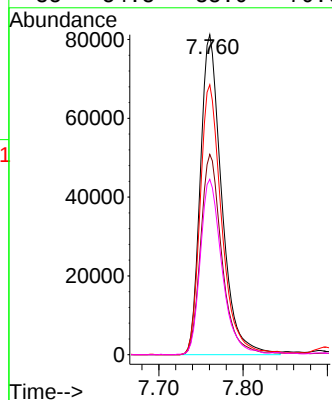
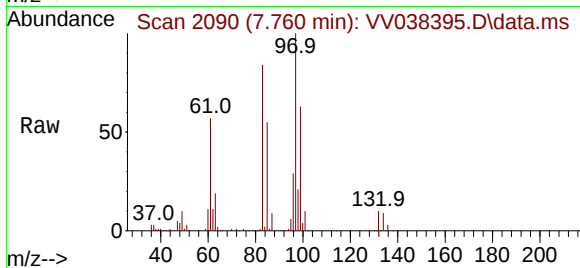
Ion Ratio Lower Upper

97 100

99 62.6 43.6 81.0

83 84.3 60.5 112.5

85 54.8 38.0 70.6



#46

Tetrachloroethene

Concen: 73.285 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.007 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Tgt Ion: 164 Resp: 106861

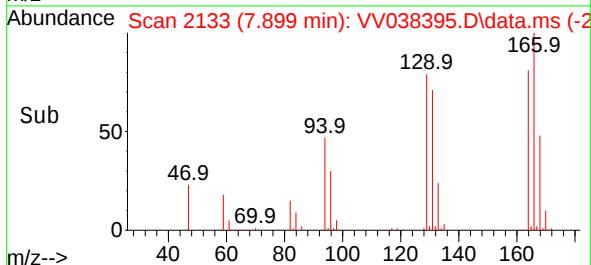
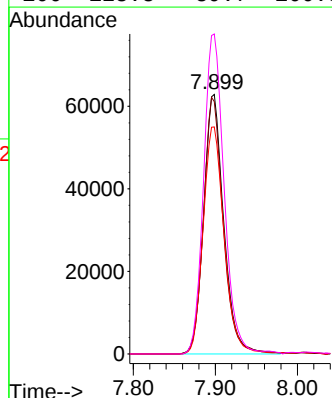
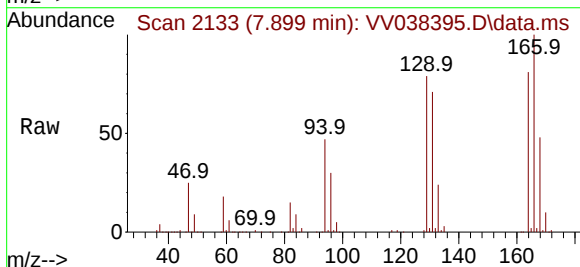
Ion Ratio Lower Upper

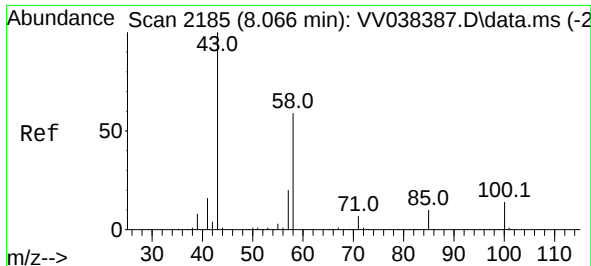
164 100

129 97.2 69.2 128.4

131 87.5 63.1 117.3

166 123.3 89.7 166.5



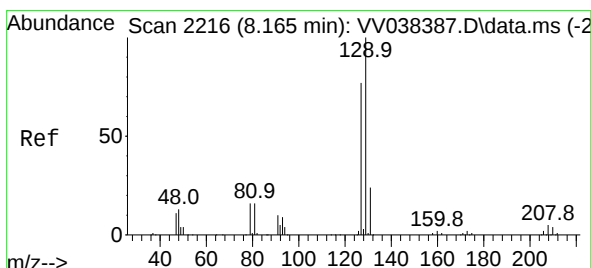
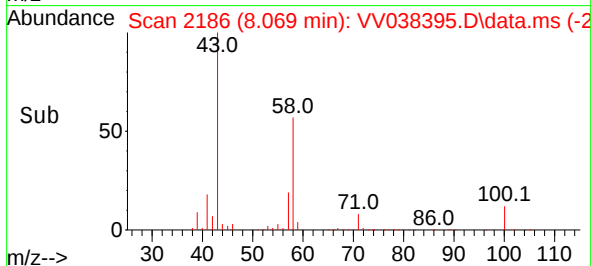
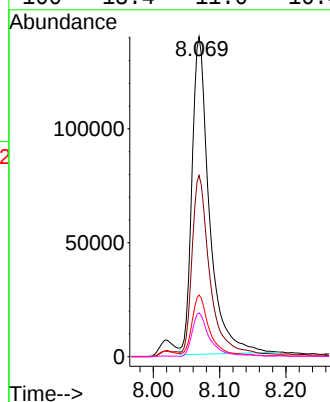
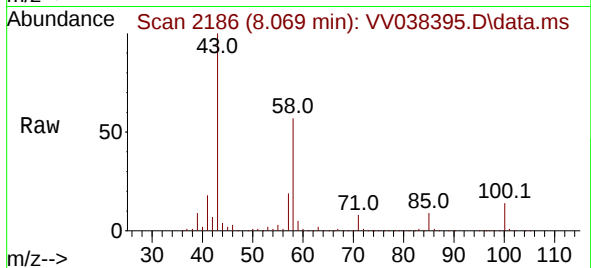


#48
2-Hexanone
Concen: 148.475 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 254870

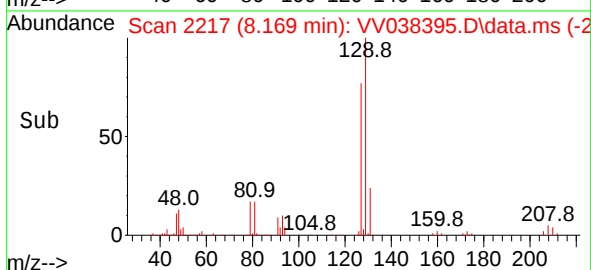
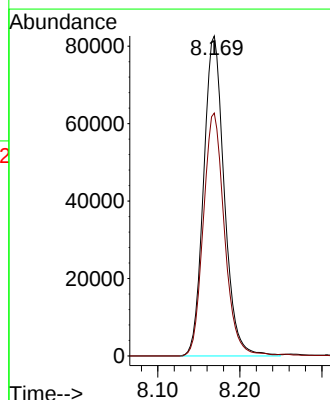
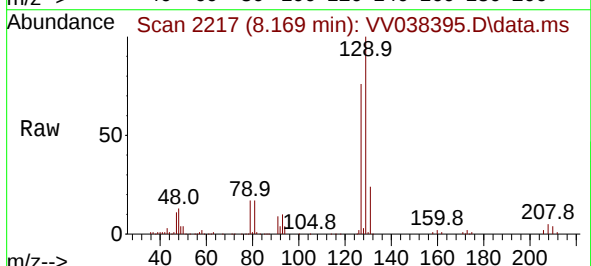
Ion	Ratio	Lower	Upper
43	100		
58	57.7	48.0	72.0
57	18.3	15.5	23.3
100	13.4	11.0	16.4

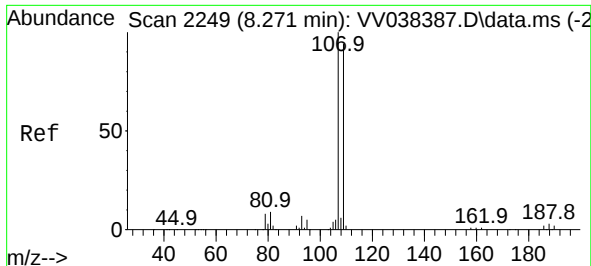


#49
Dibromochloromethane
Concen: 73.438 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

Tgt Ion: 129 Resp: 144467

Ion	Ratio	Lower	Upper
129	100		
127	75.9	53.8	100.0

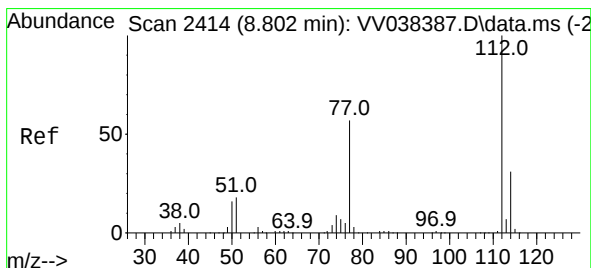
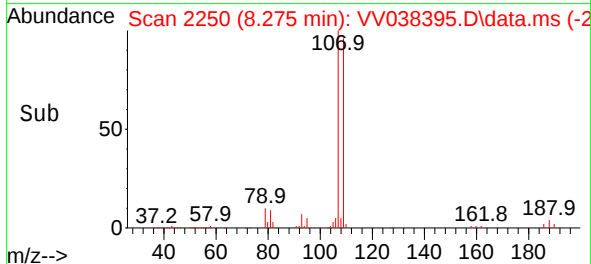
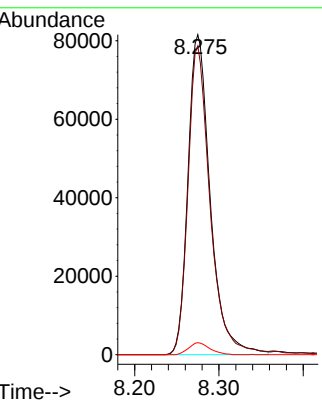
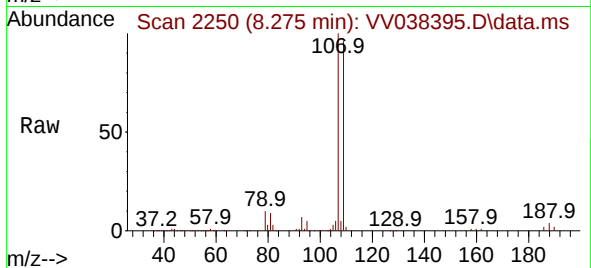




#50
1,2-Dibromoethane
Concen: 74.814 ug/L
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

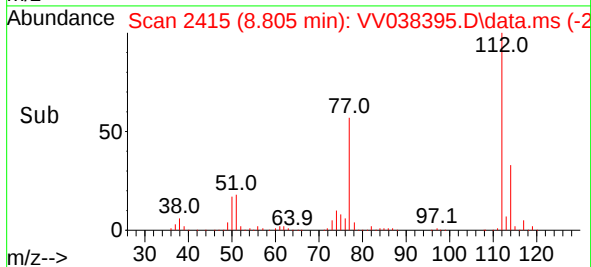
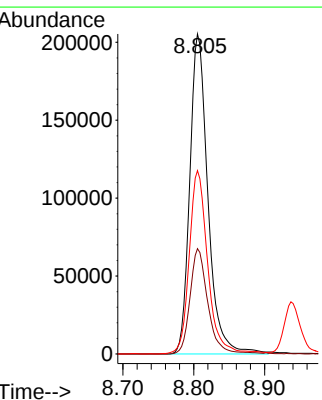
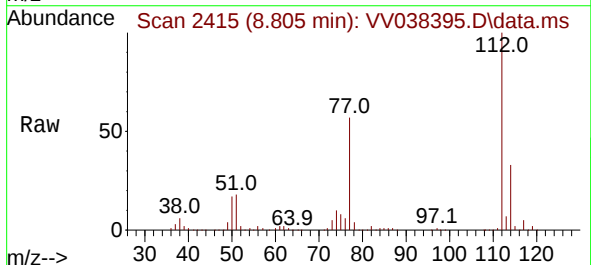
Instrument :
MSVOA_V
ClientSampleId :

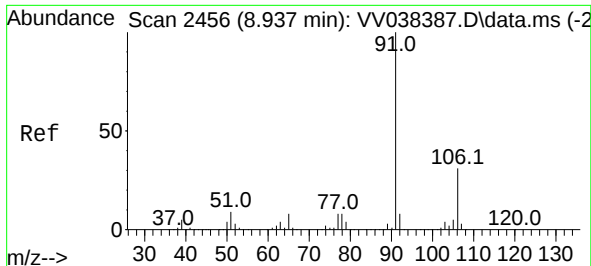
Tgt Ion:107 Resp: 150381
Ion Ratio Lower Upper
107 100
109 96.5 66.1 122.7
188 3.8 2.6 3.8



#51
Chlorobenzene
Concen: 72.362 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.003 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

Tgt Ion:112 Resp: 365188
Ion Ratio Lower Upper
112 100
114 32.9 21.9 40.7
77 57.3 45.4 68.0





#52

Ethylbenzene

Concen: 73.928 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

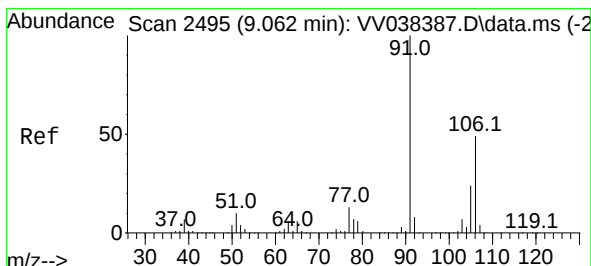
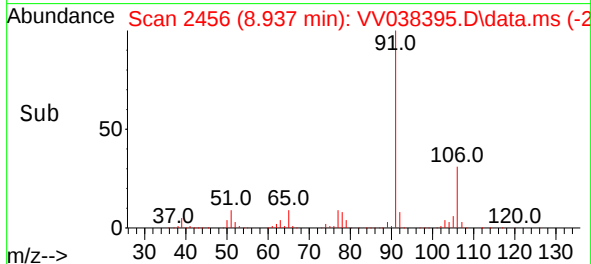
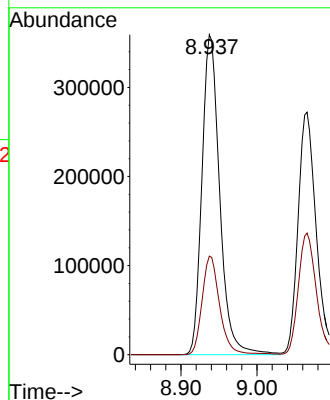
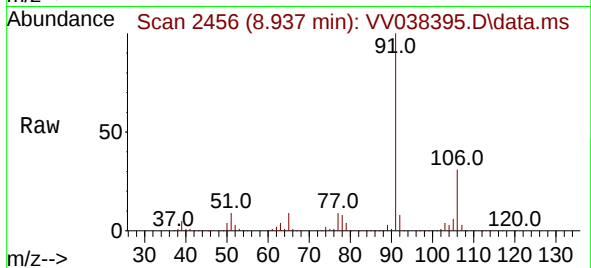
ClientSampleId :

Tgt Ion: 91 Resp: 582389

Ion Ratio Lower Upper

91 100

106 30.8 21.6 40.0



#53

m,p-Xylene

Concen: 75.693 ug/L

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV038395.D

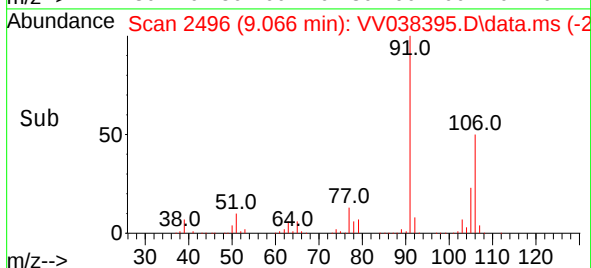
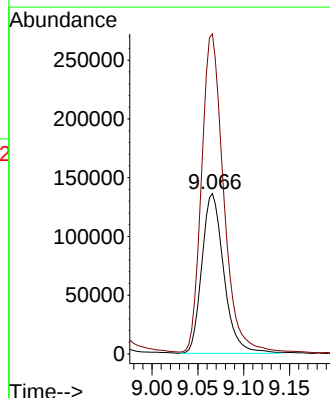
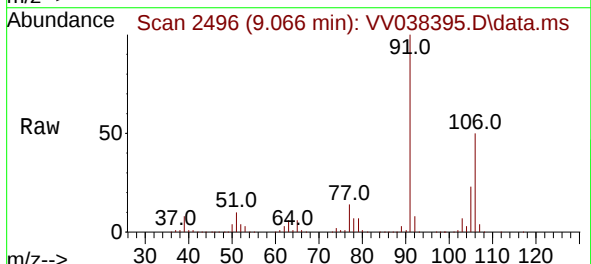
Acq: 02 Dec 2024 17:47

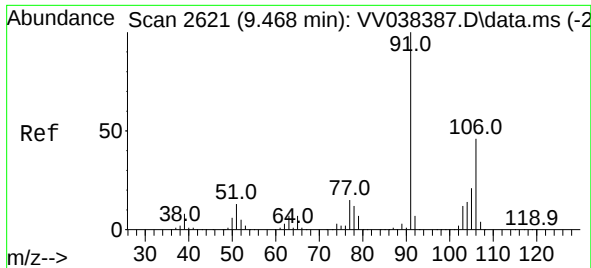
Tgt Ion: 106 Resp: 226020

Ion Ratio Lower Upper

106 100

91 199.6 142.6 264.8

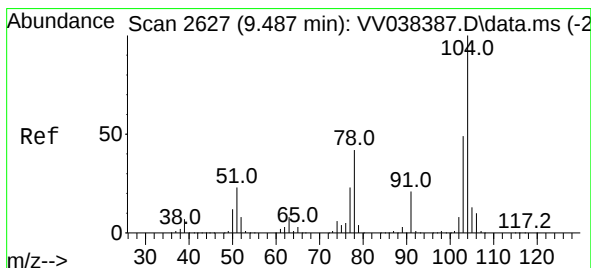
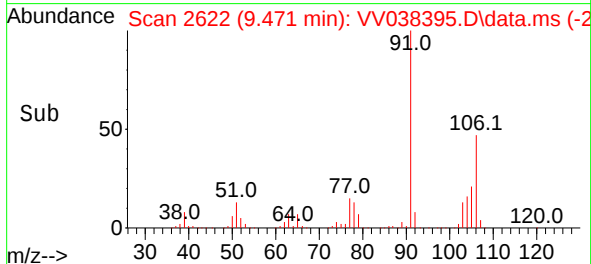
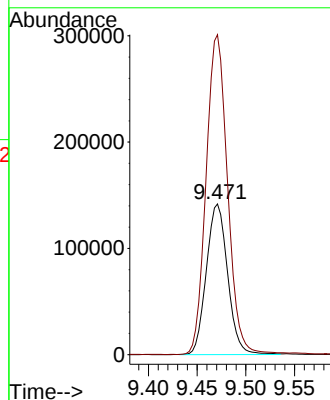
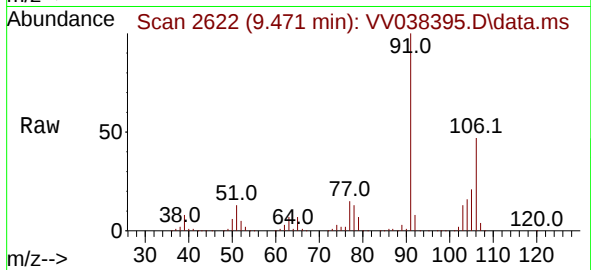




#54
o-Xylene
Concen: 75.031 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

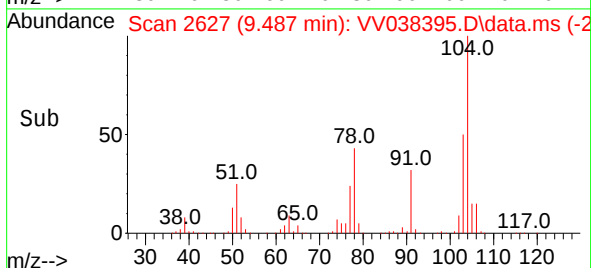
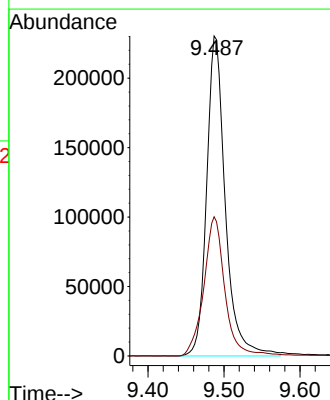
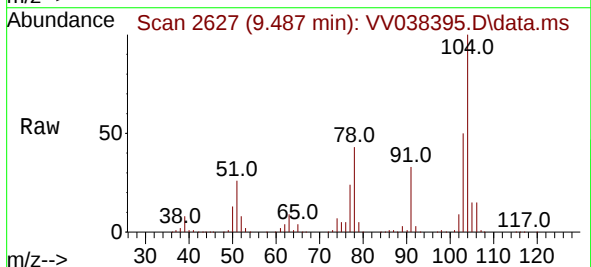
Instrument :
MSVOA_V
ClientSampleId :

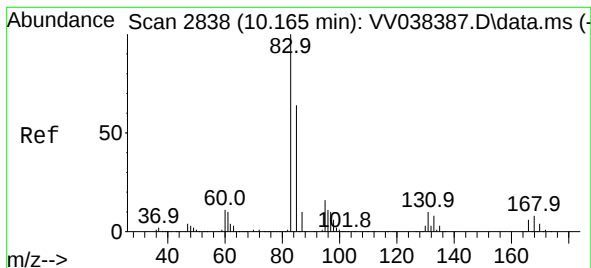
Tgt Ion:106 Resp: 215534
Ion Ratio Lower Upper
106 100
91 212.4 151.1 280.7



#55
Styrene
Concen: 77.836 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

Tgt Ion:104 Resp: 392541
Ion Ratio Lower Upper
104 100
78 43.5 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 73.282 ug/L

RT: 10.169 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

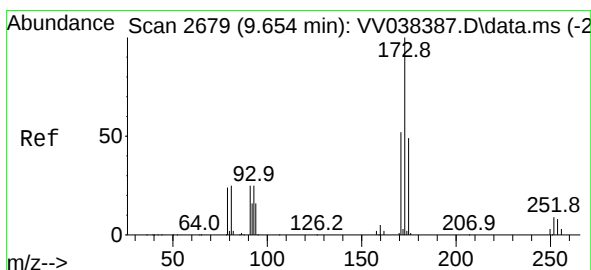
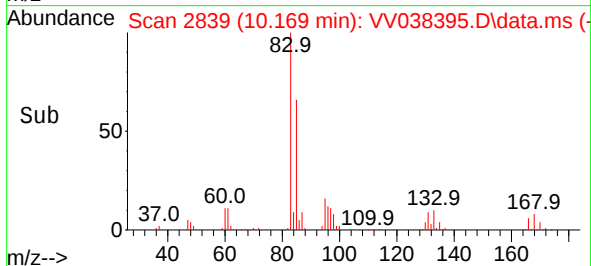
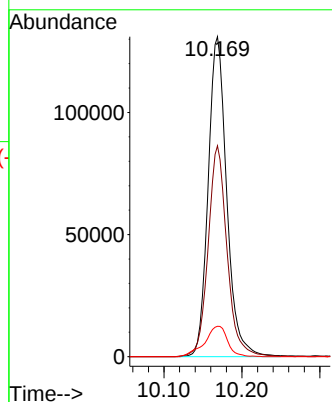
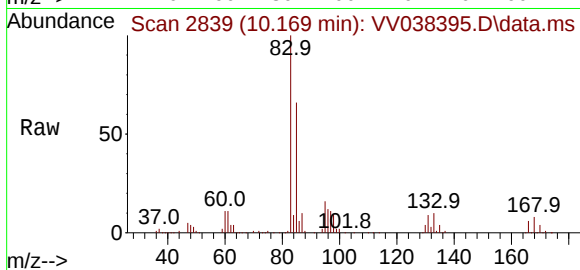
Tgt Ion: 83 Resp: 217110

Ion Ratio Lower Upper

83 100

85 65.9 44.7 82.9

131 9.5 8.0 12.0



#59

Bromoform

Concen: 67.910 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. 0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

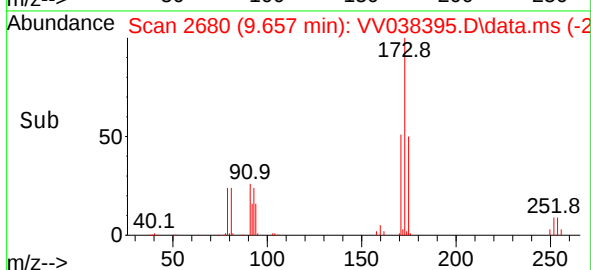
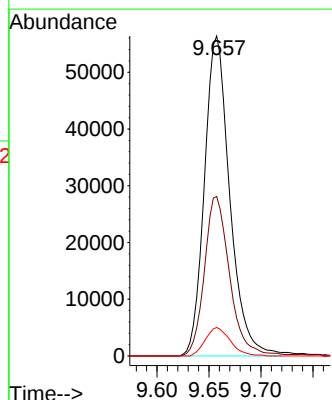
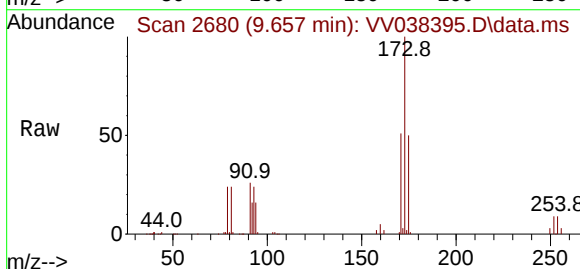
Tgt Ion: 173 Resp: 95705

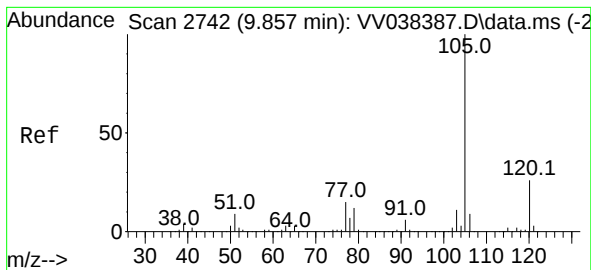
Ion Ratio Lower Upper

173 100

175 49.6 38.8 58.2

254 8.7 6.9 10.3





#60

Isopropylbenzene

Concen: 71.665 ug/L

RT: 9.857 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

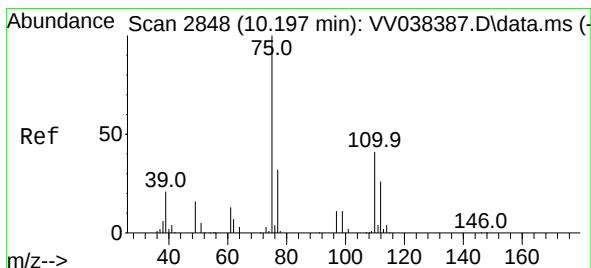
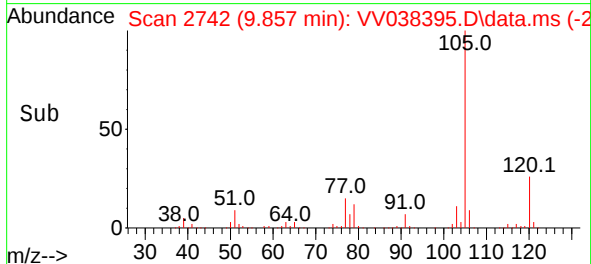
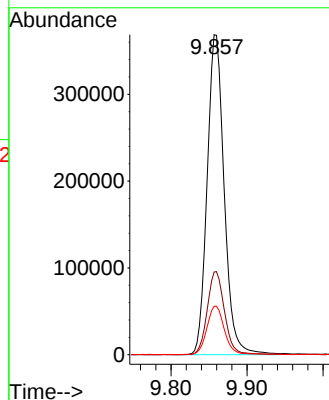
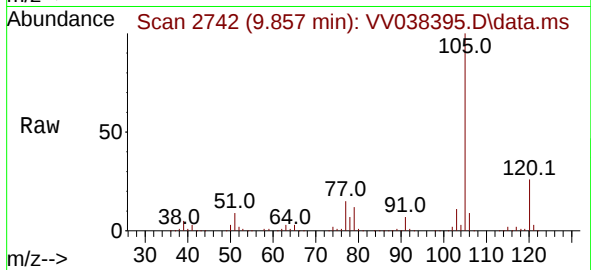
Tgt Ion:105 Resp: 574503

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.4

77 15.4 12.2 18.4



#61

1,2,3-Trichloropropane

Concen: 72.835 ug/L

RT: 10.201 min Scan# 2849

Delta R.T. 0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

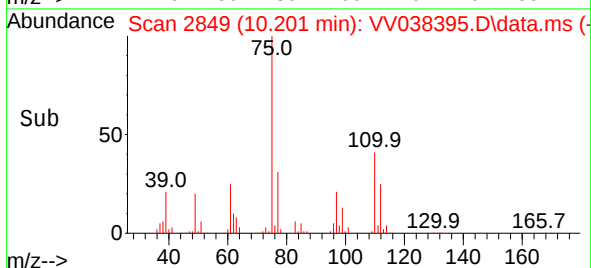
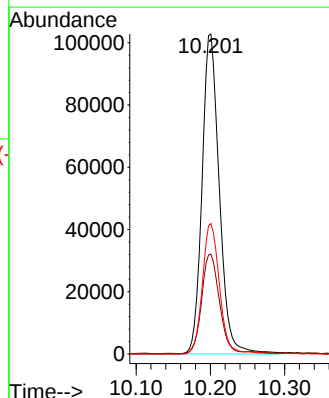
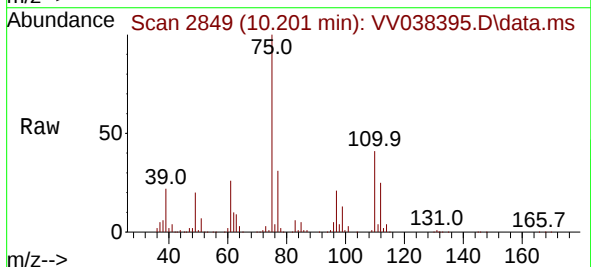
Tgt Ion: 75 Resp: 166224

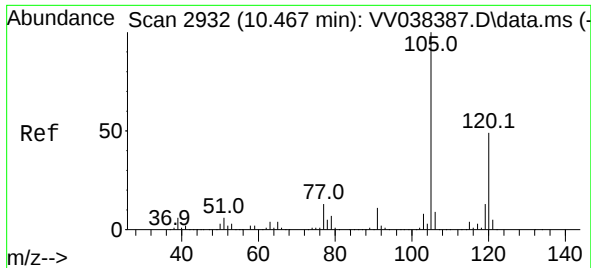
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

110 40.3 32.2 48.4

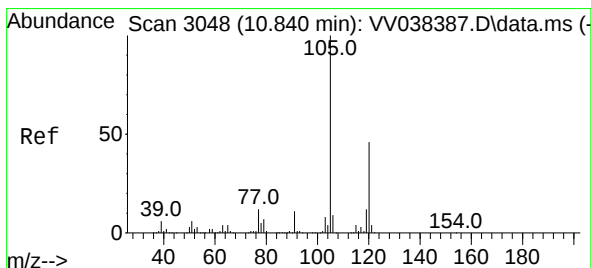
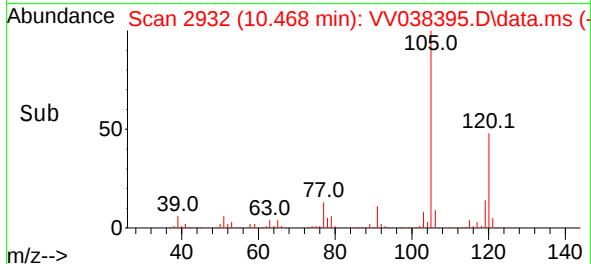
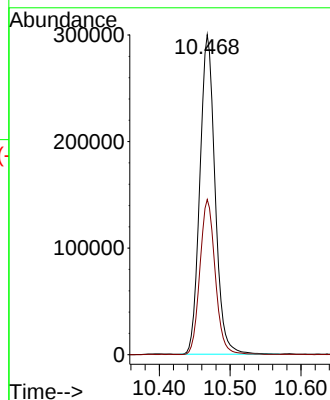
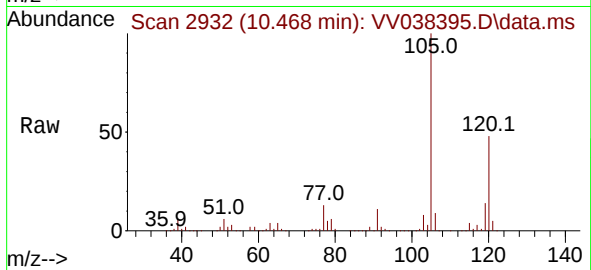




#62
1,3,5-Trimethylbenzene
Concen: 69.385 ug/L
RT: 10.468 min Scan# 2932
Delta R.T. 0.000 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

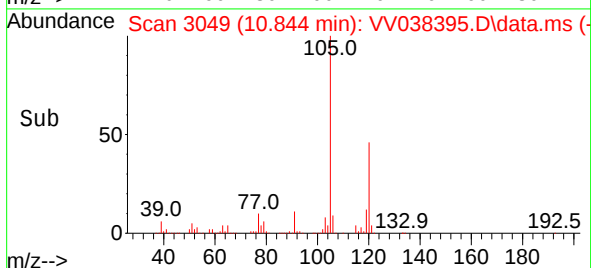
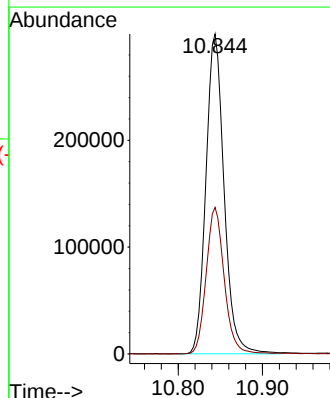
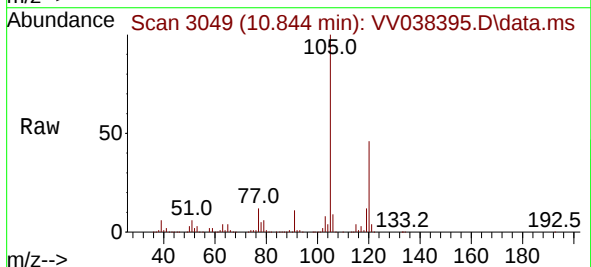
Instrument :
MSVOA_V
ClientSampleId :

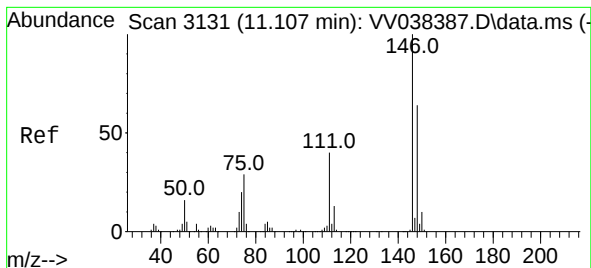
Tgt Ion:105 Resp: 446308
Ion Ratio Lower Upper
105 100
120 49.0 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 71.104 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

Tgt Ion:105 Resp: 449623
Ion Ratio Lower Upper
105 100
120 45.4 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 70.620 ug/L

RT: 11.107 min Scan# 3131

Delta R.T. 0.000 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

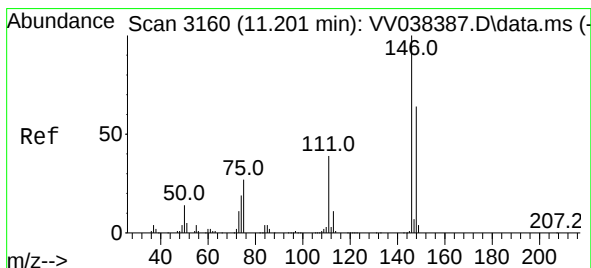
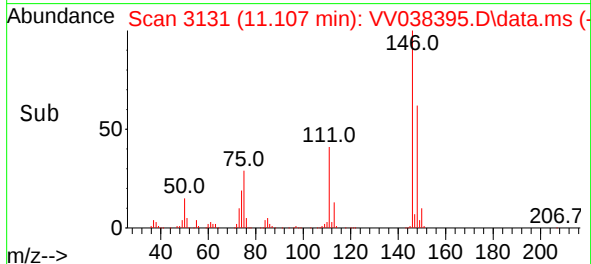
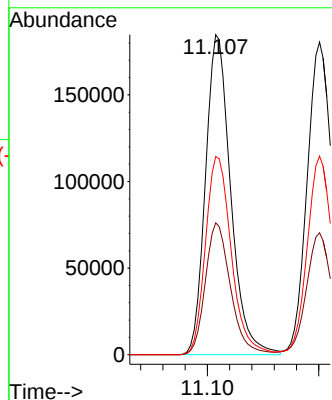
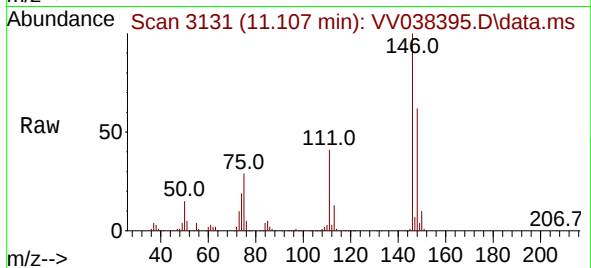
Tgt Ion:146 Resp: 290594

Ion Ratio Lower Upper

146 100

111 41.2 27.8 51.6

148 61.9 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 69.170 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

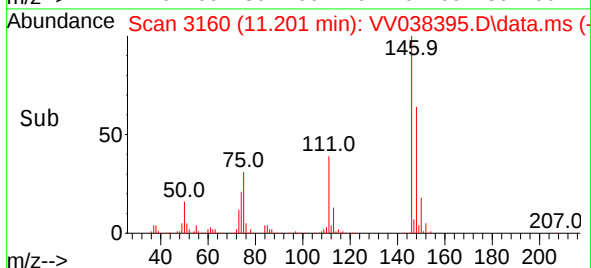
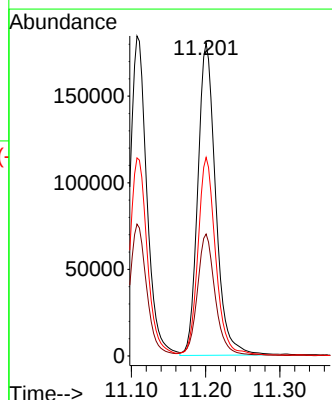
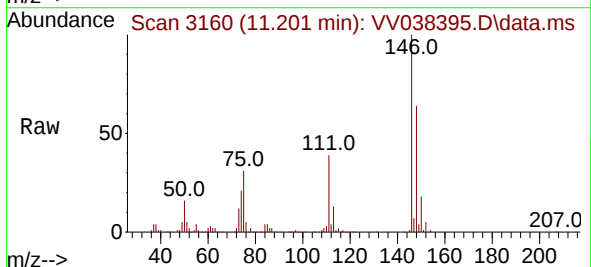
Tgt Ion:146 Resp: 302580

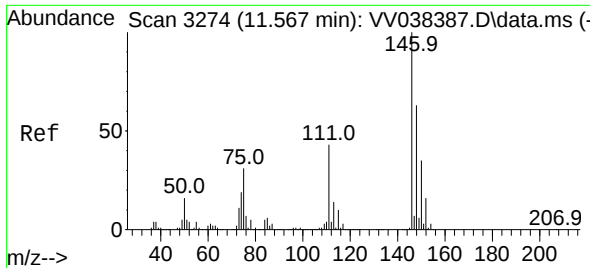
Ion Ratio Lower Upper

146 100

111 39.0 27.6 51.4

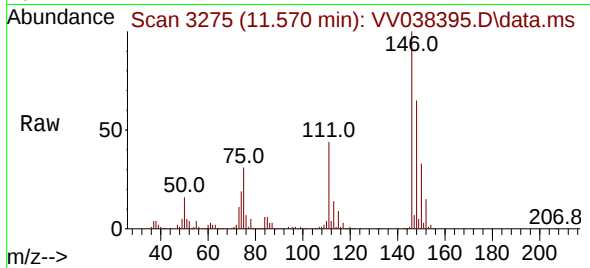
148 63.5 44.9 83.3



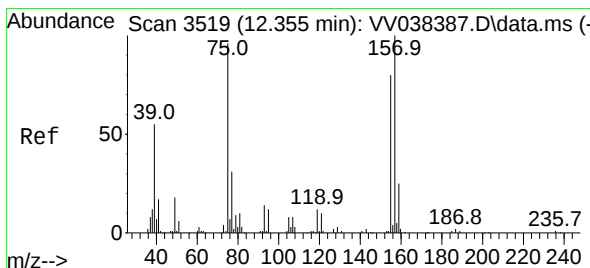
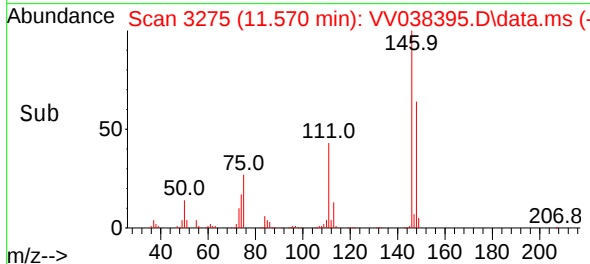
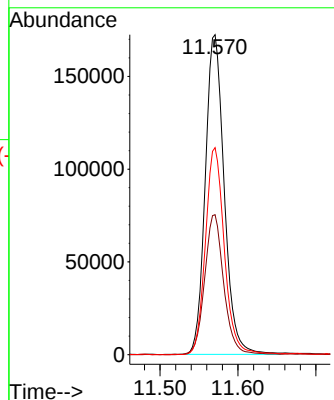


#67
1,2-Dichlorobenzene
Concen: 69.452 ug/L
RT: 11.570 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

Instrument :
MSVOA_V
ClientSampleId :

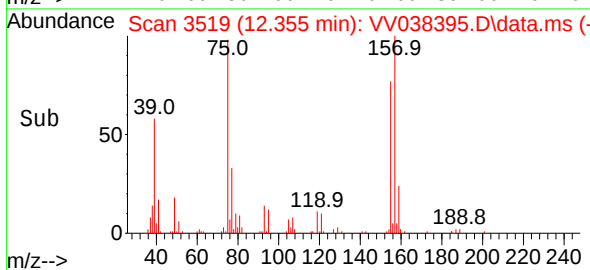
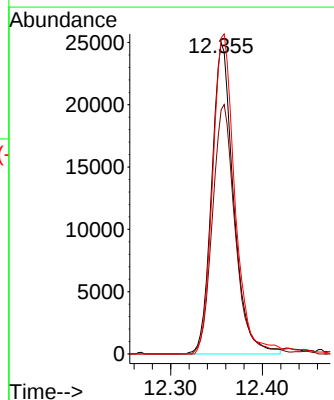
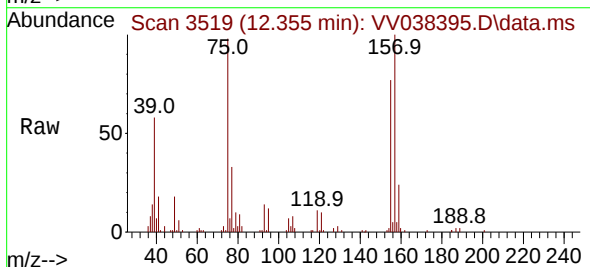


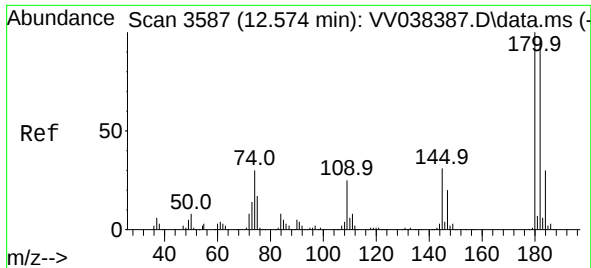
Tgt Ion:146 Resp: 291364
Ion Ratio Lower Upper
146 100
111 43.8 34.2 51.2
148 64.7 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 68.708 ug/L
RT: 12.355 min Scan# 3519
Delta R.T. 0.000 min
Lab File: VV038395.D
Acq: 02 Dec 2024 17:47

Tgt Ion: 75 Resp: 41328
Ion Ratio Lower Upper
75 100
155 78.5 66.8 100.2
157 101.6 83.4 125.2





#69

1,3,5-Trichlorobenzene

Concen: 65.755 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

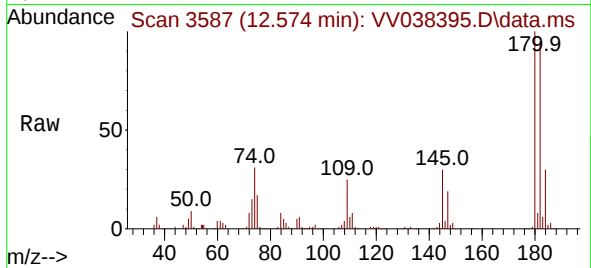
Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 184553

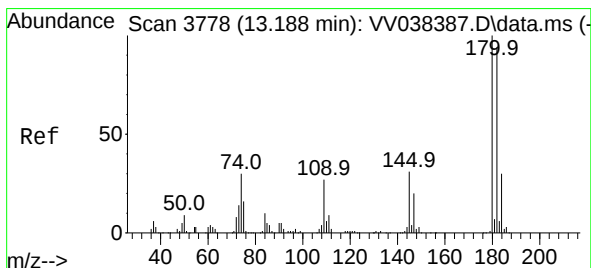
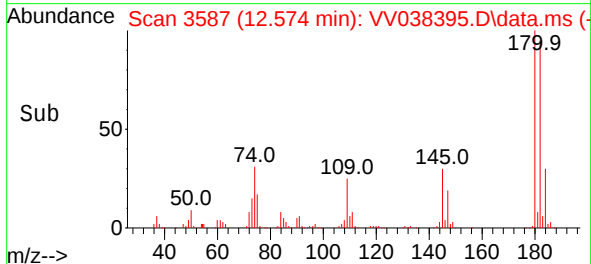
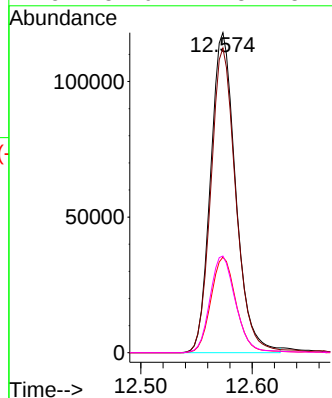
Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.4

184 30.2 23.8 35.6

145 31.0 24.8 37.2



#70

1,2,4-trichlorobenzene

Concen: 66.624 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

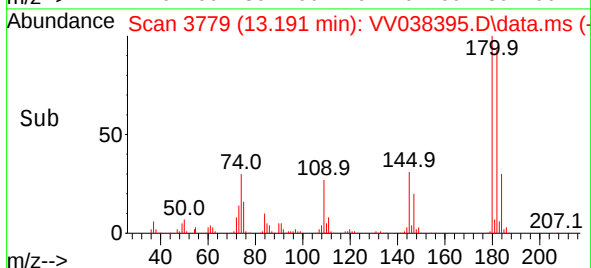
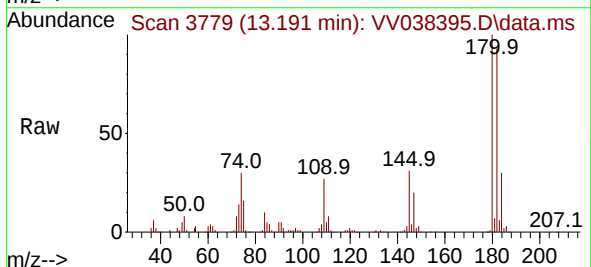
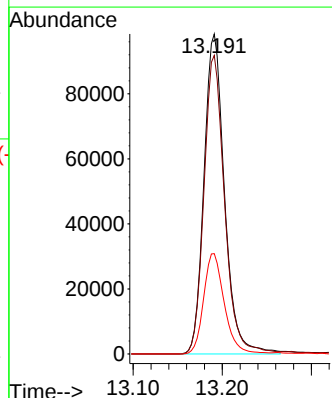
Tgt Ion:180 Resp: 157537

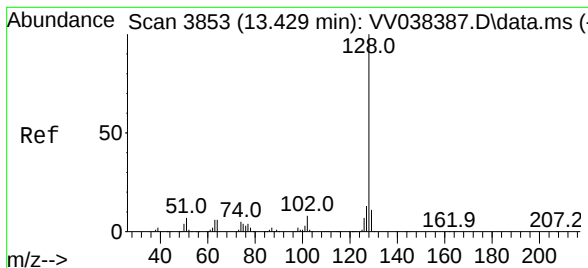
Ion Ratio Lower Upper

180 100

182 93.5 76.2 114.2

145 31.6 24.7 37.1





#71

Naphthalene

Concen: 58.959 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.003 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Instrument :

MSVOA_V

ClientSampleId :

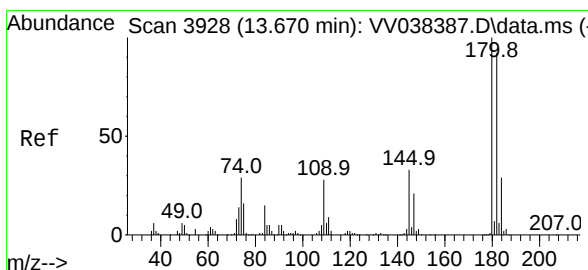
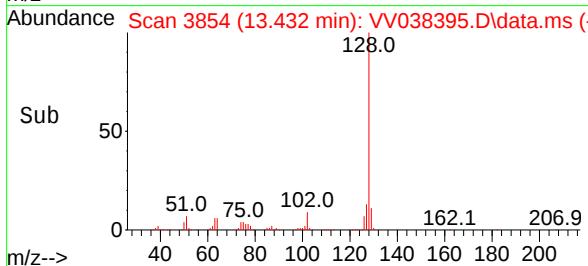
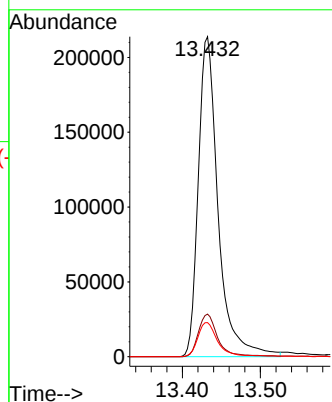
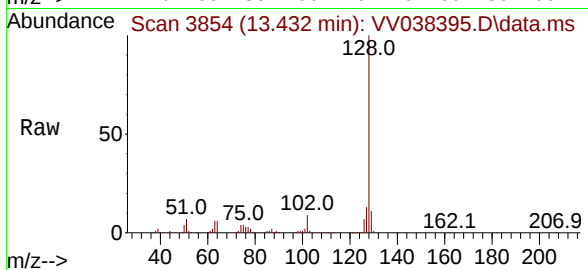
Tgt Ion:128 Resp: 377959

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 69.259 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. 0.000 min

Lab File: VV038395.D

Acq: 02 Dec 2024 17:47

Tgt Ion:180 Resp: 160668

Ion Ratio Lower Upper

180 100

182 93.9 75.8 113.6

145 33.8 27.1 40.7

