

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120624\
 Data File : VV038433.D
 Acq On : 06 Dec 2024 01:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 06 05:44:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 05:39:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	223480	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	239740	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	129779	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	51912	3.031	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.529	69	53881	3.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.053	65	25427	3.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.796	46	193406	56.442	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.880%
24) Chloroform-d	4.243	84	152300	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.941	65	71103	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	4.953	84	250947	4.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	5.982	67	81062	4.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.236	98	231912	4.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.555	79	28977	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.021	63	134297	48.737	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.480%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	83402	5.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.551	152	91114	4.121	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	94079	4.449	ug/L	99
3) Chloromethane	1.214	50	90970	4.996	ug/L	100
5) Vinyl chloride	1.282	62	94697	4.590	ug/L	95
6) Bromomethane	1.487	94	45107	5.607	ug/L	100
8) Chloroethane	1.548	64	73192	5.567	ug/L	93
9) Trichlorofluoromethane	1.709	101	136438	4.647	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	77964	4.653	ug/L	97
12) 1,1-Dichloroethene	2.063	96	71712	4.493	ug/L	92
13) Acetone	2.130	43	131126	51.740	ug/L	98
14) Carbon disulfide	2.236	76	215235	4.186	ug/L	100
15) Methyl Acetate	2.384	43	30674	4.984	ug/L	98
16) Methylene chloride	2.442	84	89864	4.937	ug/L	95
17) Methyl tert-butyl Ether	2.700	73	169274	4.690	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	76270	4.536	ug/L	95
19) 1,1-Dichloroethane	3.105	63	155449	5.093	ug/L	99
21) 2-Butanone	3.880	43	174119	47.870	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	80499	4.630	ug/L	99
23) Bromochloromethane	4.146	128	40676	4.792	ug/L	# 94
25) Chloroform	4.269	83	166406	5.096	ug/L	97

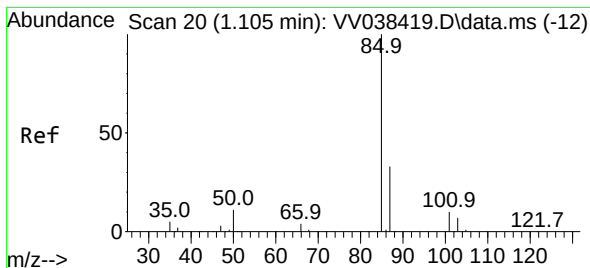
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120624\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	94587	5.324	ug/L	97
29) 1,1,1-Trichloroethane	4.503	97	138962	4.833	ug/L	98
30) Cyclohexane	4.574	56	99866	4.188	ug/L	97
31) Carbon tetrachloride	4.725	117	118254	4.662	ug/L	99
33) Benzene	5.002	78	325878	4.839	ug/L	100
34) Trichloroethene	5.828	95	81500	4.440	ug/L	98
35) Methylcyclohexane	6.040	83	101103	3.893	ug/L	96
37) 1,2-Dichloropropane	6.088	63	83223	4.934	ug/L	99
38) Bromodichloromethane	6.426	83	113269	4.996	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	101530	4.312	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	473755	53.662	ug/L	97
42) Toluene	7.307	91	352442	4.942	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	91337	4.592	ug/L	95
45) 1,1,2-Trichloroethane	7.764	97	68197	4.985	ug/L	94
47) Tetrachloroethene	7.899	164	62497	4.237	ug/L	94
48) 2-Hexanone	8.069	43	358773	56.041	ug/L	95
49) Dibromochloromethane	8.169	129	74035	4.964	ug/L	99
50) 1,2-Dibromoethane	8.278	107	62266	4.910	ug/L #	98
51) Chlorobenzene	8.809	112	221348	4.505	ug/L	99
52) Ethylbenzene	8.940	91	339724	4.490	ug/L	99
53) m,p-Xylene	9.066	106	133876	4.689	ug/L	98
54) o-Xylene	9.471	106	123852	4.456	ug/L	95
55) Styrene	9.490	104	229002	4.674	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	83063	5.193	ug/L	99
59) Bromoform	9.657	173	36563	4.841	ug/L	96
60) Isopropylbenzene	9.860	105	339132	4.537	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	56399	5.076	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	242251	4.084	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	249278	4.214	ug/L	98
64) 1,3-Dichlorobenzene	11.111	146	178909	4.458	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	187120	4.612	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	169088	4.552	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	11544	4.629	ug/L	91
69) 1,3,5-Trichlorobenzene	12.574	180	112749	3.966	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	86878	3.697	ug/L	97
71) Naphthalene	13.435	128	113085	3.093	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	81190	3.739	ug/L	98

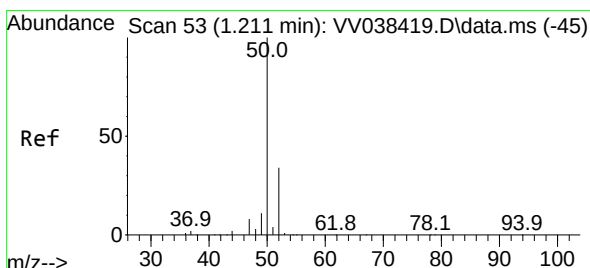
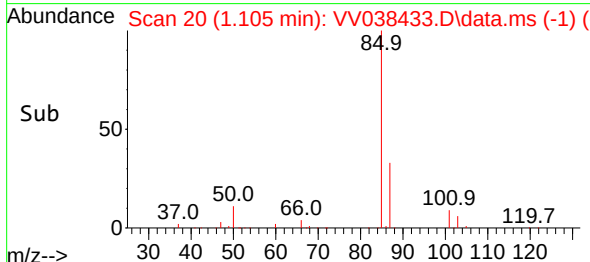
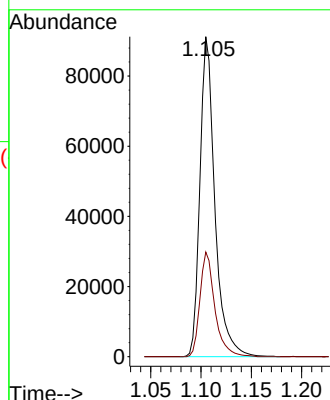
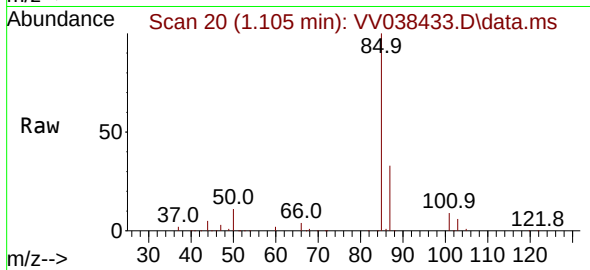
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.449 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

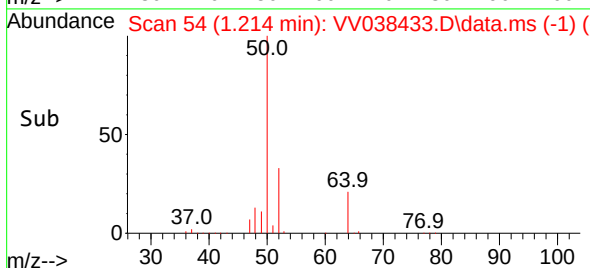
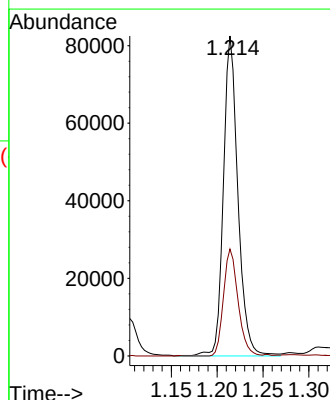
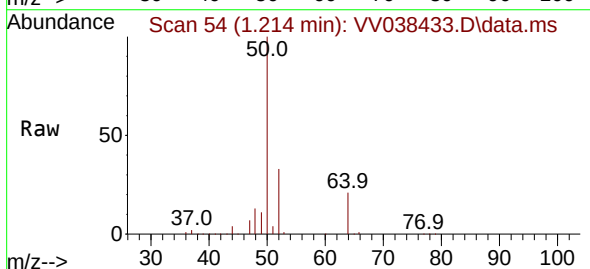
Instrument :
MSVOA_V
ClientSampleId :

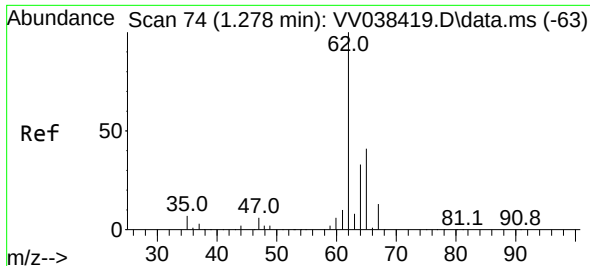
Tgt Ion: 85 Resp: 94079
Ion Ratio Lower Upper
85 100
87 32.6 26.5 39.7



#3
Chloromethane
Concen: 4.996 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

Tgt Ion: 50 Resp: 90970
Ion Ratio Lower Upper
50 100
52 33.4 23.5 43.7

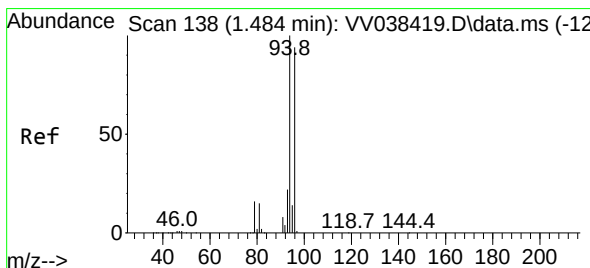
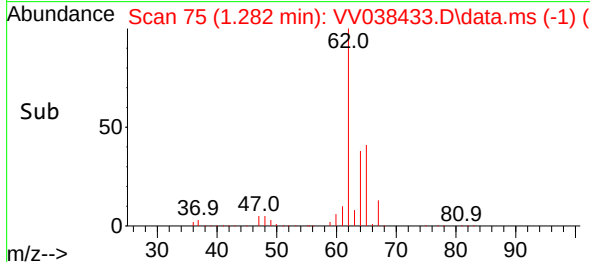
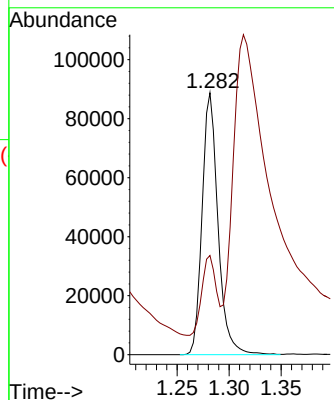
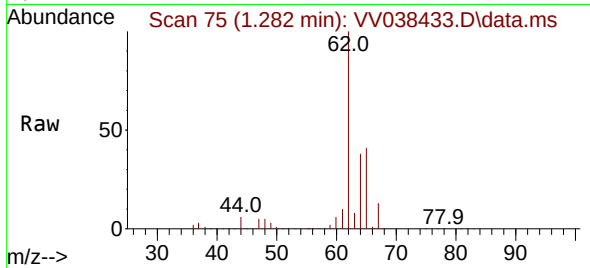




#5
 Vinyl chloride
 Concen: 4.590 ug/L
 RT: 1.282 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV038433.D
 Acq: 06 Dec 2024 01:33

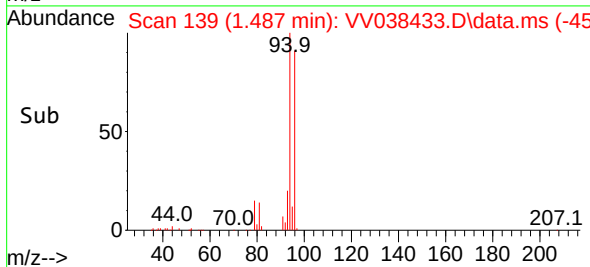
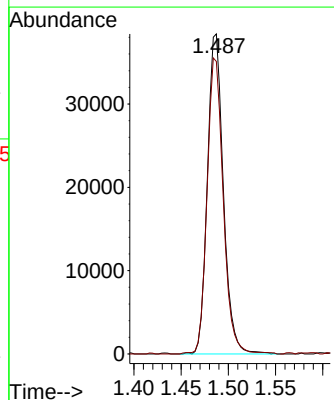
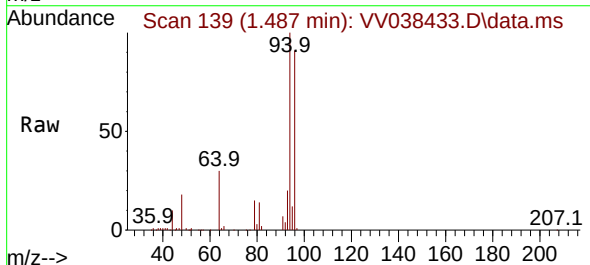
Instrument :
 MSVOA_V
 ClientSampleId :

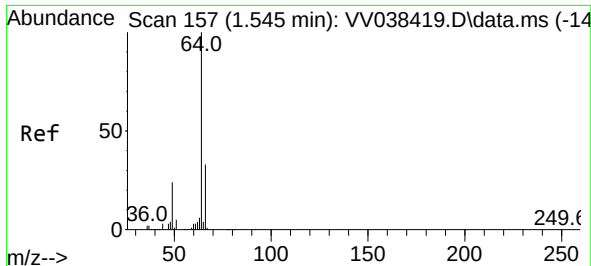
Tgt Ion: 62 Resp: 94697
 Ion Ratio Lower Upper
 62 100
 64 37.9 24.4 45.4



#6
 Bromomethane
 Concen: 5.607 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.003 min
 Lab File: VV038433.D
 Acq: 06 Dec 2024 01:33

Tgt Ion: 94 Resp: 45107
 Ion Ratio Lower Upper
 94 100
 96 91.4 63.7 118.3

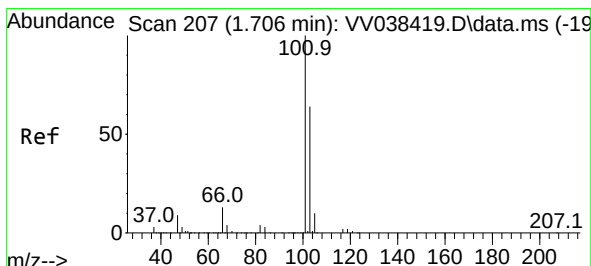
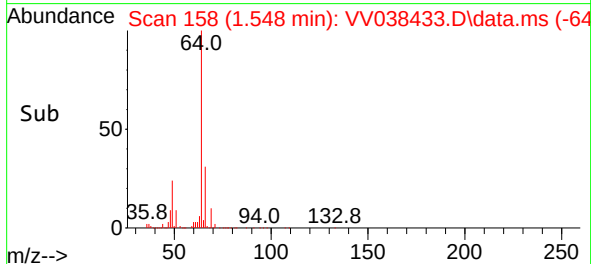
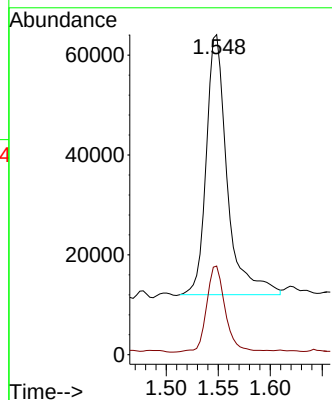
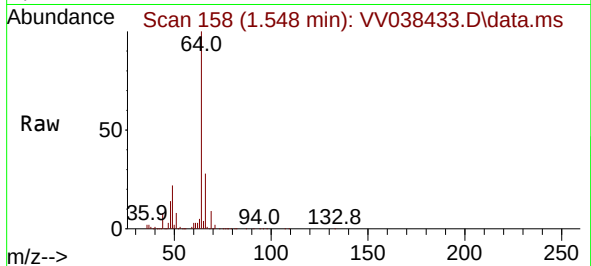




#8
Chloroethane
Concen: 5.567 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

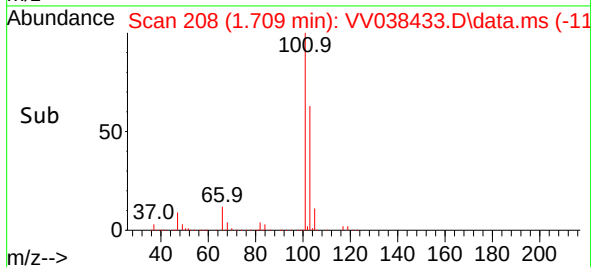
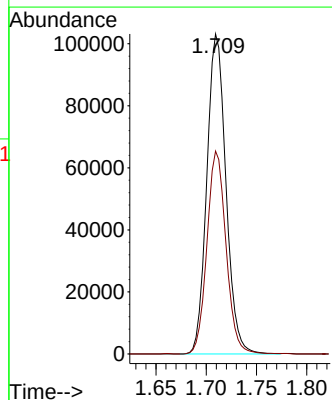
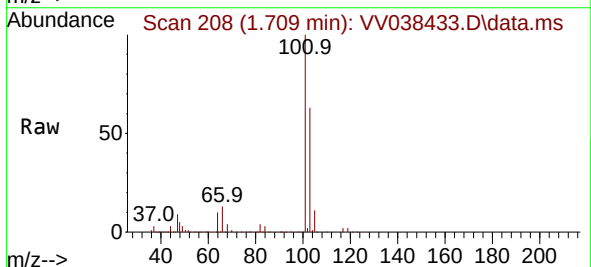
Instrument :
MSVOA_V
ClientSampleId :

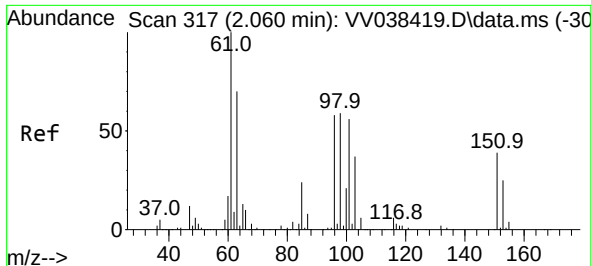
Tgt Ion: 64 Resp: 73192
Ion Ratio Lower Upper
64 100
66 27.7 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.647 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

Tgt Ion: 101 Resp: 136438
Ion Ratio Lower Upper
101 100
103 63.3 51.5 77.3





#10

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

Concen: 4.653 ug/L

RT: 2.063 min Scan# 317

Delta R.T. 0.003 min

Lab File: VV038433.D

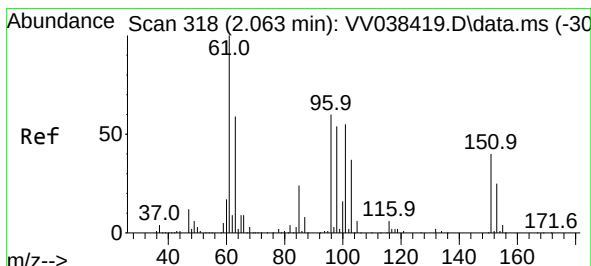
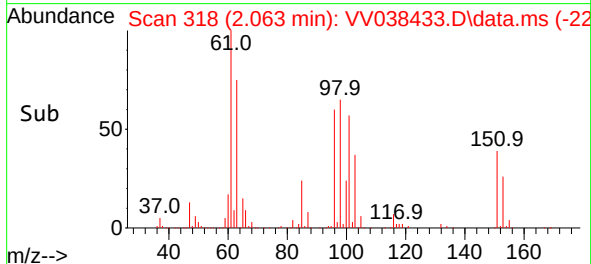
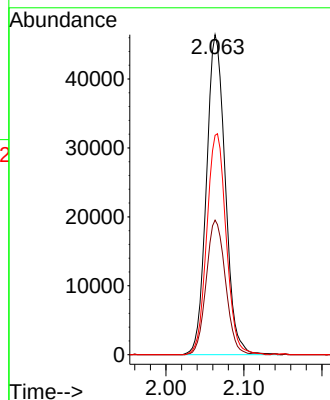
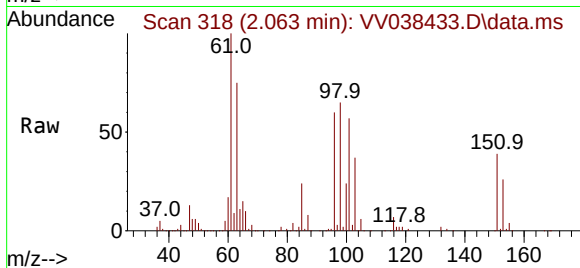
Acq: 06 Dec 2024 01:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	77964
Ion	Ratio	Lower	Upper
101	100		
85	43.0	33.4	50.0
151	71.0	58.8	88.2



#12

1,1-Dichloroethene

Concen: 4.493 ug/L

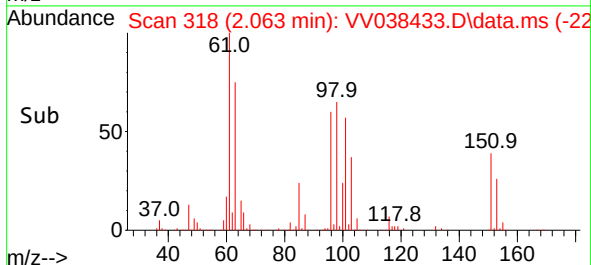
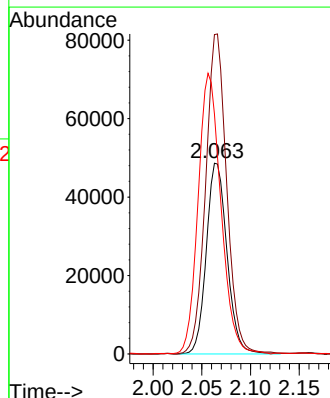
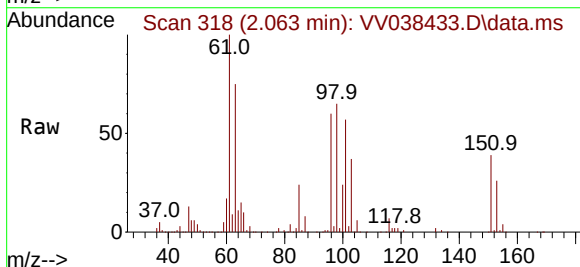
RT: 2.063 min Scan# 318

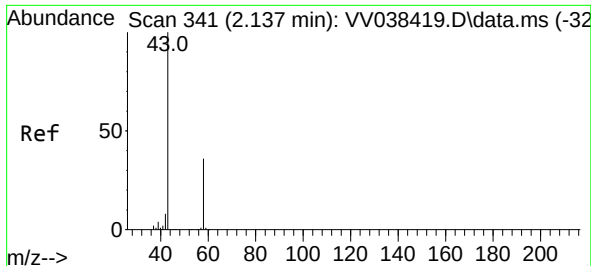
Delta R.T. 0.000 min

Lab File: VV038433.D

Acq: 06 Dec 2024 01:33

Tgt Ion:	96	Resp:	71712
Ion	Ratio	Lower	Upper
96	100		
61	167.5	115.7	214.9
63	125.9	101.1	187.7





#13

Acetone

Concen: 51.740 ug/L

RT: 2.130 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV038433.D

Acq: 06 Dec 2024 01:33

Instrument :

MSVOA_V

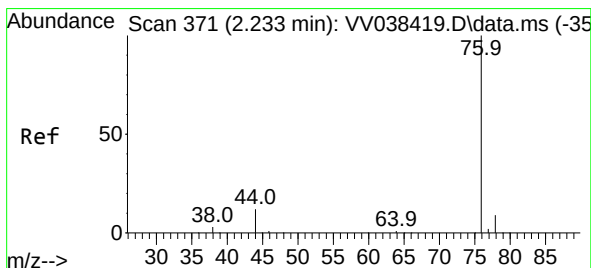
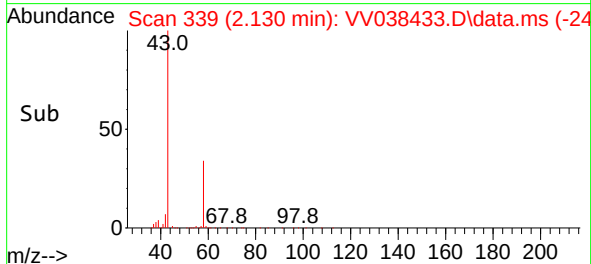
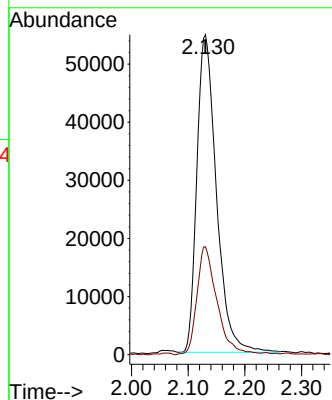
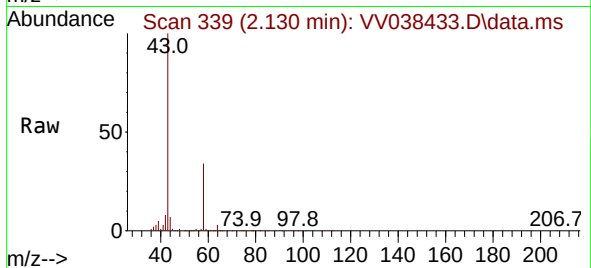
ClientSampleId :

Tgt Ion: 43 Resp: 131126

Ion Ratio Lower Upper

43 100

58 34.7 0.0 67.2



#14

Carbon disulfide

Concen: 4.186 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV038433.D

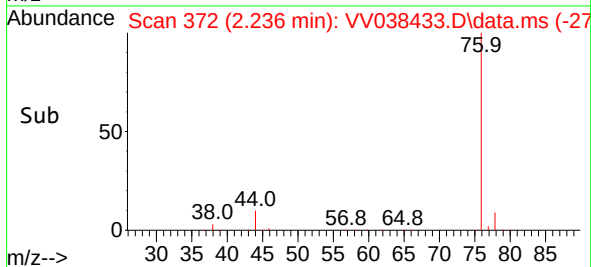
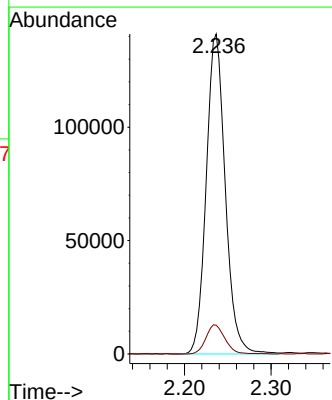
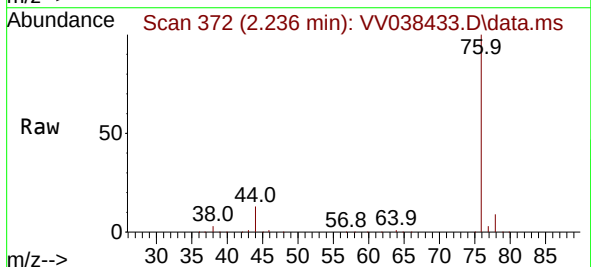
Acq: 06 Dec 2024 01:33

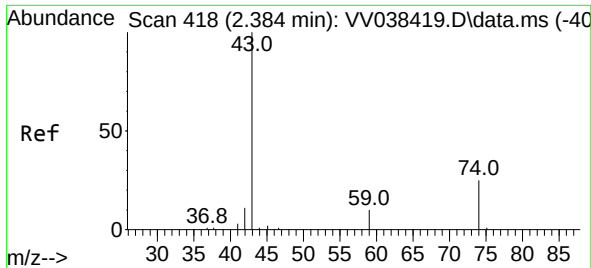
Tgt Ion: 76 Resp: 215235

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

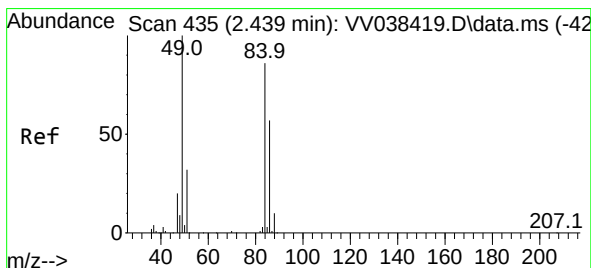
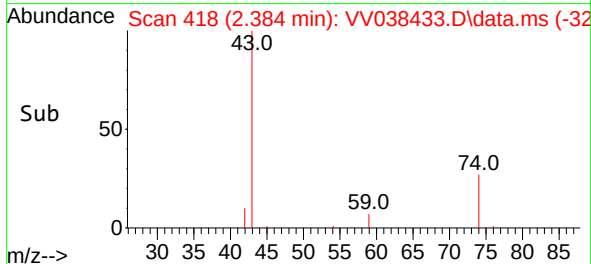
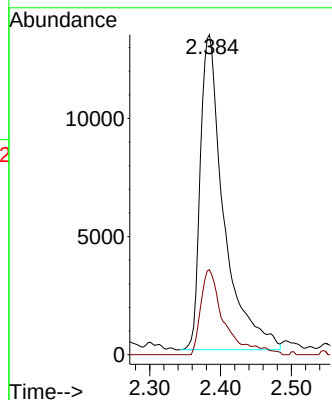
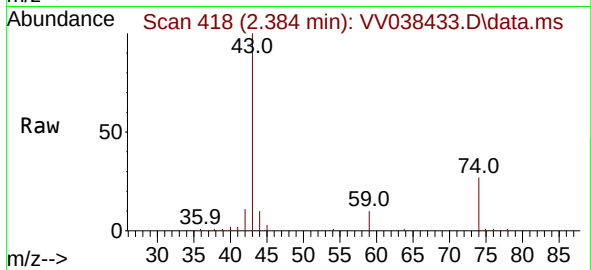




#15
Methyl Acetate
Concen: 4.984 ug/L
RT: 2.384 min Scan# 418
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

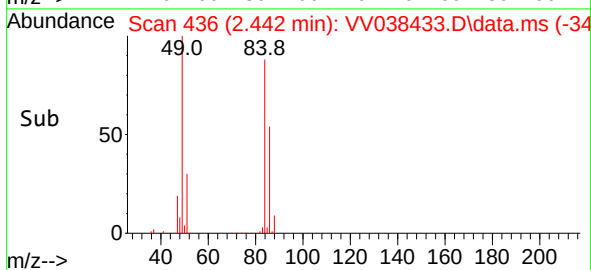
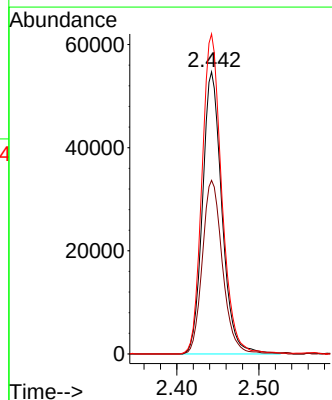
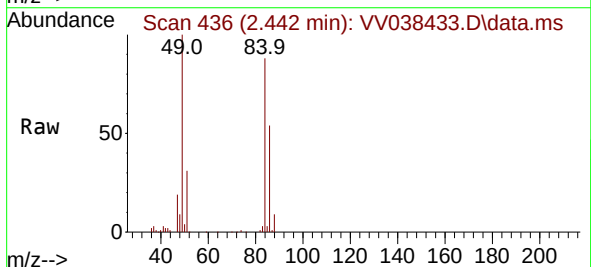
Instrument :
MSVOA_V
ClientSampleId :

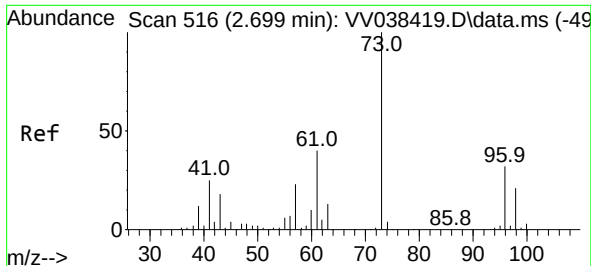
Tgt Ion: 43 Resp: 30674
Ion Ratio Lower Upper
43 100
74 26.8 22.4 33.6



#16
Methylene chloride
Concen: 4.937 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

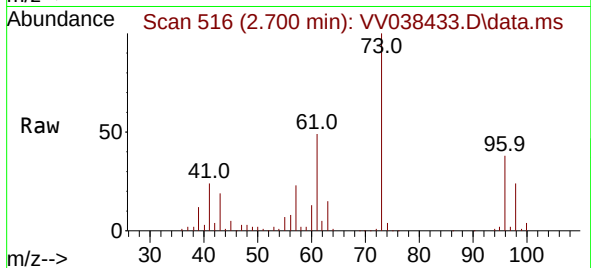
Tgt Ion: 84 Resp: 89864
Ion Ratio Lower Upper
84 100
86 61.5 44.2 82.2
49 113.4 74.9 139.1



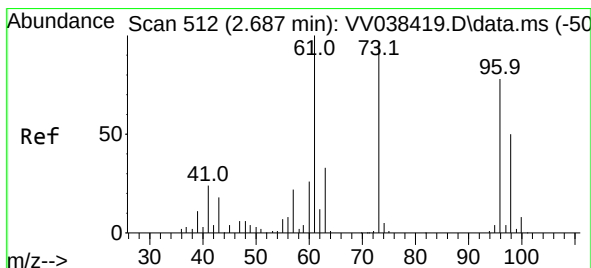
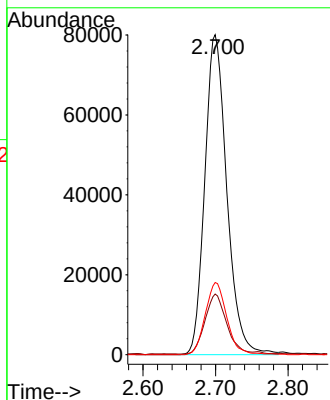
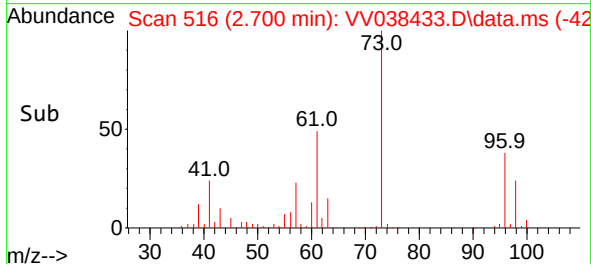


#17
Methyl tert-butyl Ether
Concen: 4.690 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

Instrument :
MSVOA_V
ClientSampleId :

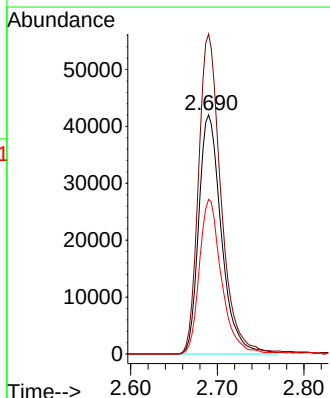
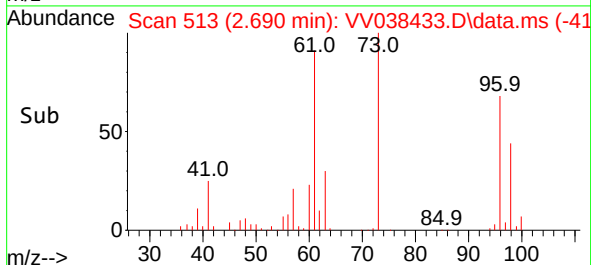
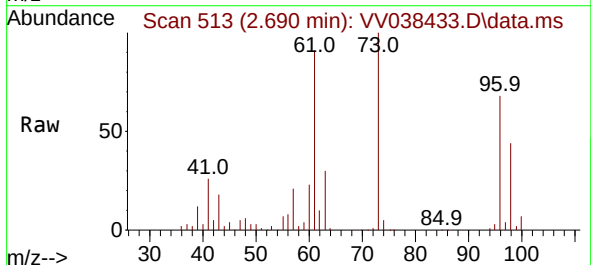


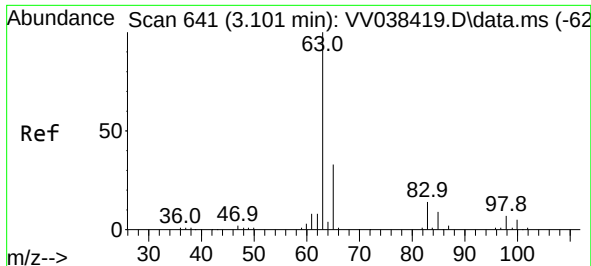
Tgt Ion: 73 Resp: 169274
Ion Ratio Lower Upper
73 100
43 18.3 14.2 21.2
57 22.1 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.536 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

Tgt Ion: 96 Resp: 76270
Ion Ratio Lower Upper
96 100
61 133.9 88.5 164.4
98 64.7 43.9 81.5

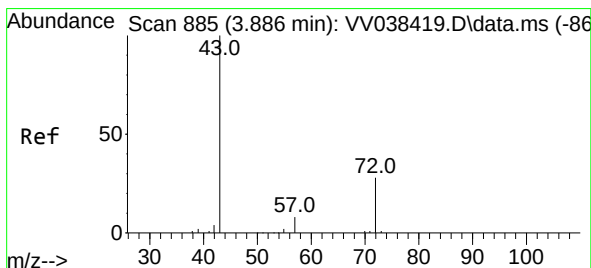
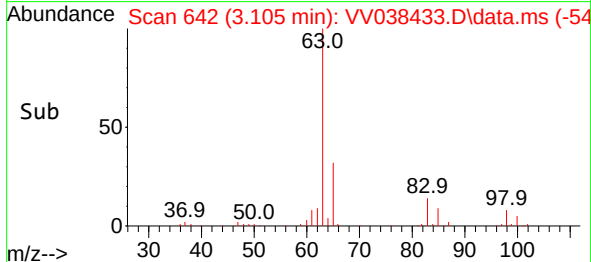
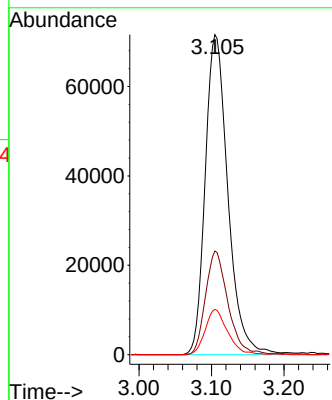
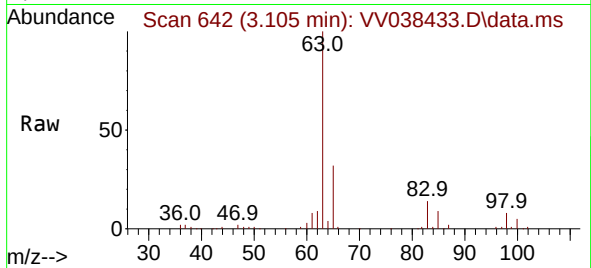




#19
1,1-Dichloroethane
Concen: 5.093 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

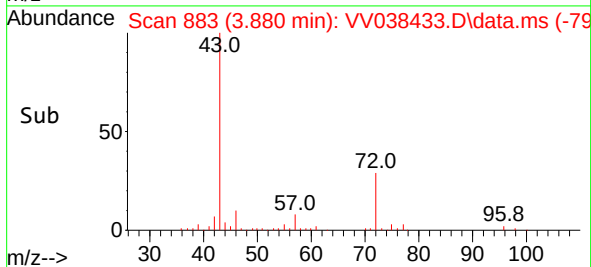
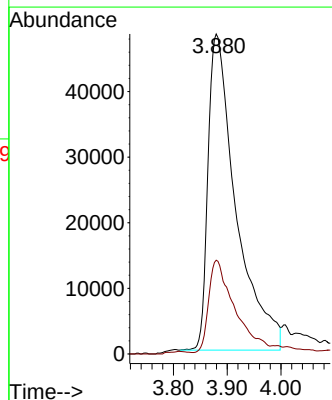
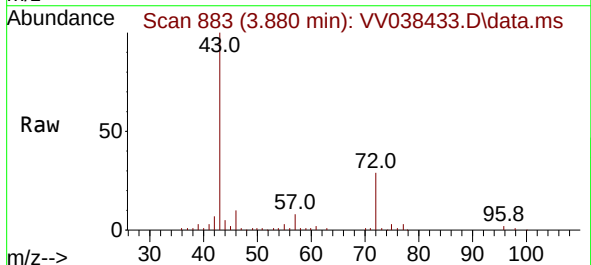
Instrument :
MSVOA_V
ClientSampleId :

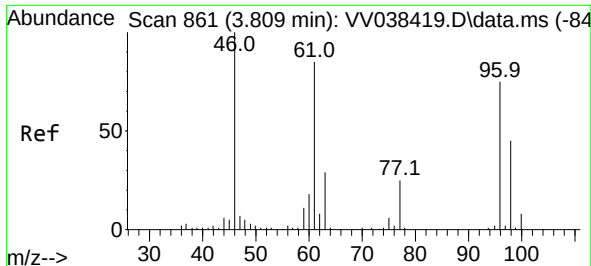
Tgt Ion: 63 Resp: 155449
Ion Ratio Lower Upper
63 100
65 32.4 22.5 41.7
83 14.1 10.1 18.9



#21
2-Butanone
Concen: 47.870 ug/L
RT: 3.880 min Scan# 883
Delta R.T. -0.006 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

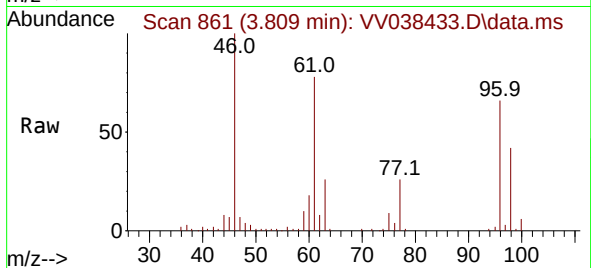
Tgt Ion: 43 Resp: 174119
Ion Ratio Lower Upper
43 100
72 27.2 13.0 39.0



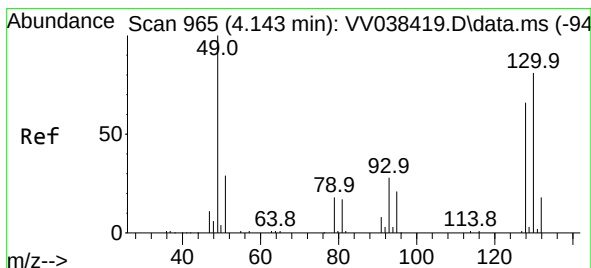
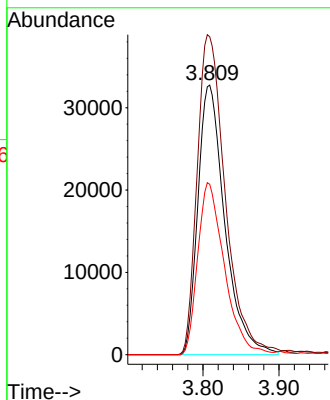
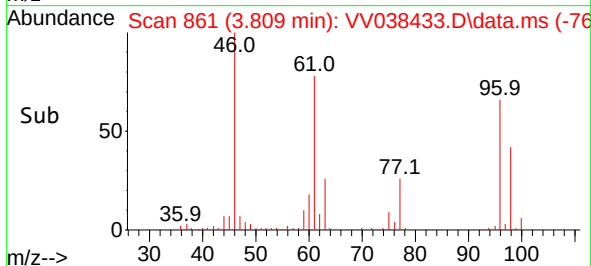


#22
 cis-1,2-Dichloroethene
 Concen: 4.630 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.000 min
 Lab File: VV038433.D
 Acq: 06 Dec 2024 01:33

Instrument :
 MSVOA_V
 ClientSampleId :

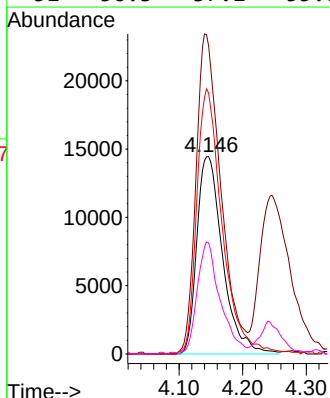
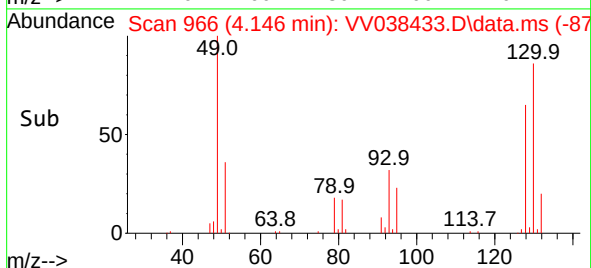
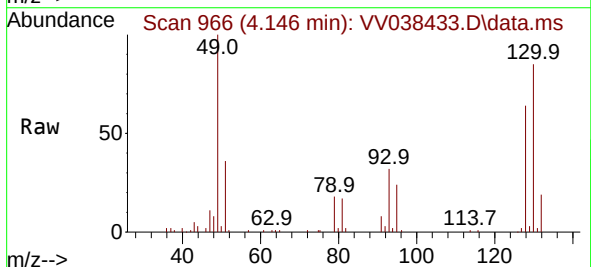


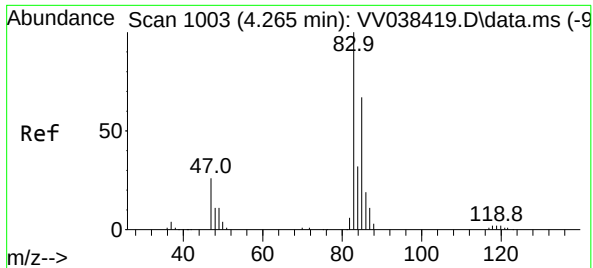
Tgt Ion: 96 Resp: 80499
 Ion Ratio Lower Upper
 96 100
 61 117.9 82.7 153.5
 98 63.2 46.3 85.9



#23
 Bromochloromethane
 Concen: 4.792 ug/L
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV038433.D
 Acq: 06 Dec 2024 01:33

Tgt Ion: 128 Resp: 40676
 Ion Ratio Lower Upper
 128 100
 49 156.1 102.8 190.8
 130 132.1 93.6 173.8
 51 56.3 37.1 55.7#

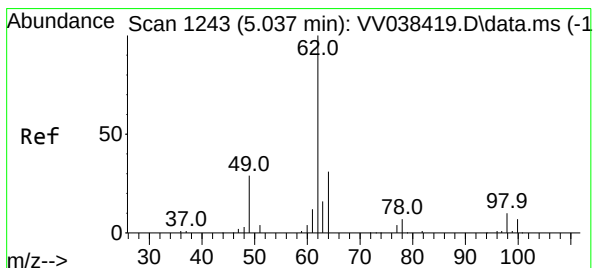
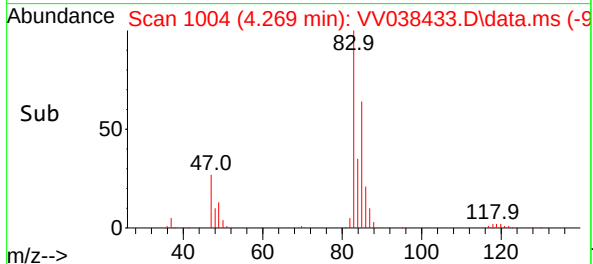
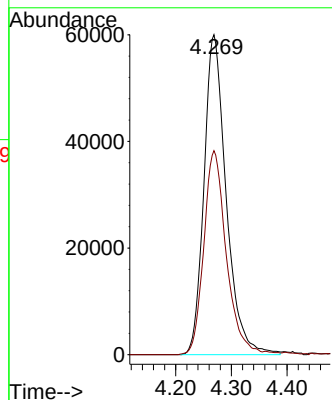
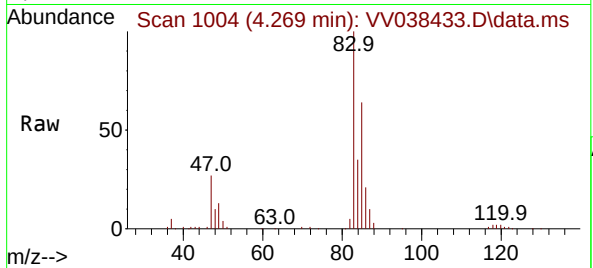




#25
Chloroform
Concen: 5.096 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

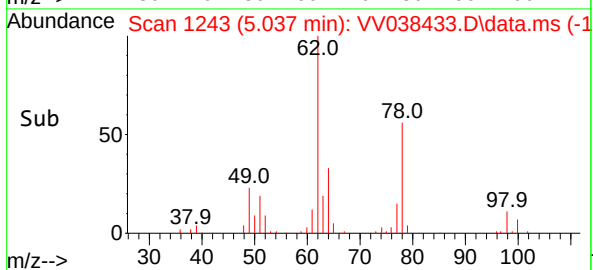
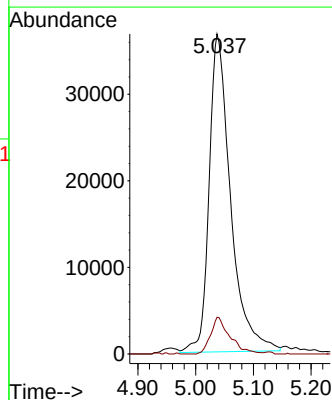
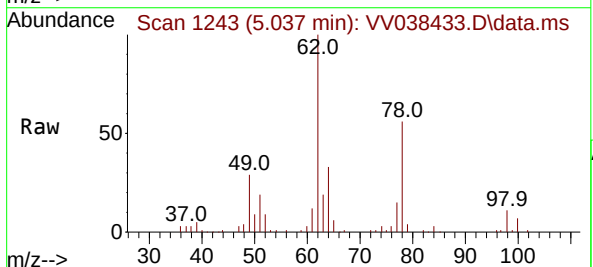
Instrument :
MSVOA_V
ClientSampleId :

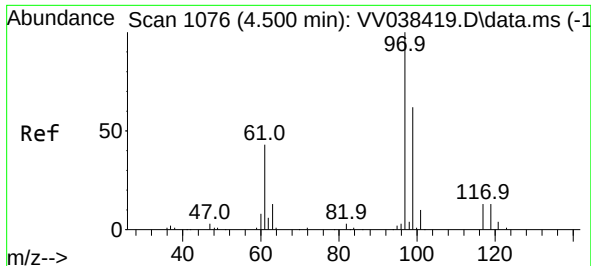
Tgt Ion: 83 Resp: 166406
Ion Ratio Lower Upper
83 100
85 63.7 46.5 86.3



#27
1,2-Dichloroethane
Concen: 5.324 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

Tgt Ion: 62 Resp: 94587
Ion Ratio Lower Upper
62 100
98 11.5 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.833 ug/L

RT: 4.503 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV038433.D

Acq: 06 Dec 2024 01:33

Instrument :

MSVOA_V

ClientSampleId :

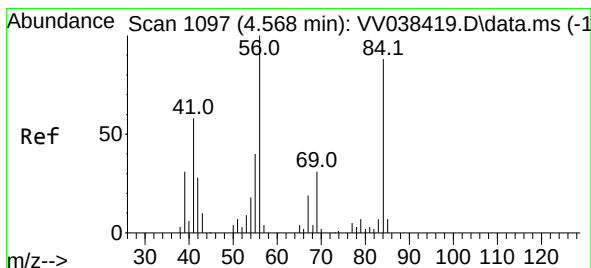
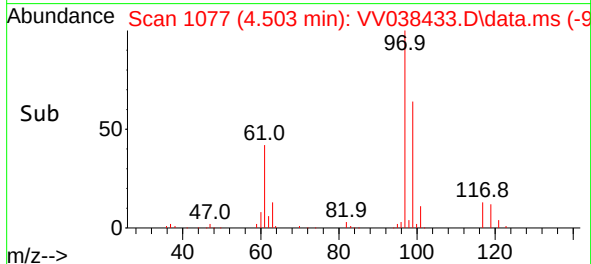
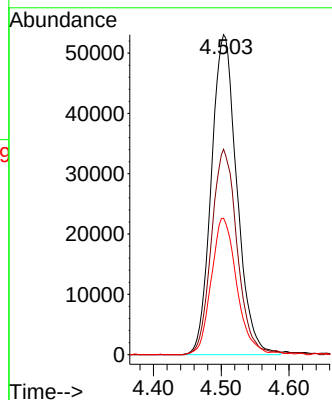
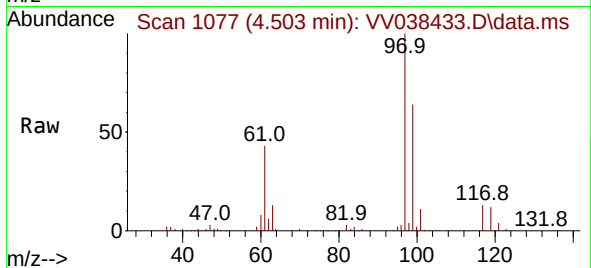
Tgt Ion: 97 Resp: 138962

Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.8

61 42.5 32.2 48.2



#30

Cyclohexane

Concen: 4.188 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.006 min

Lab File: VV038433.D

Acq: 06 Dec 2024 01:33

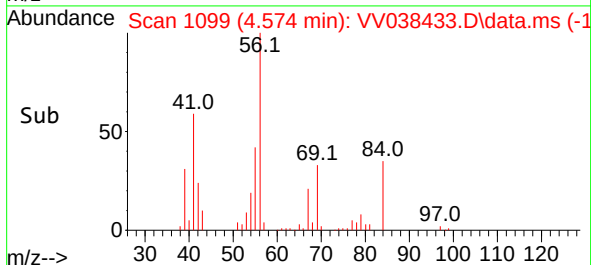
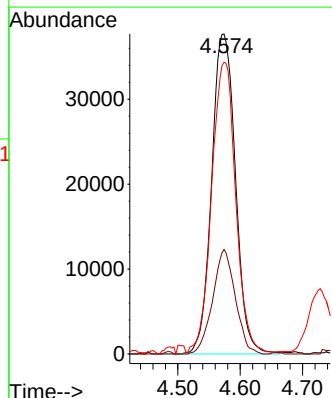
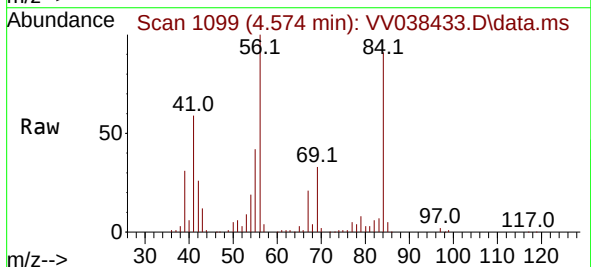
Tgt Ion: 56 Resp: 99866

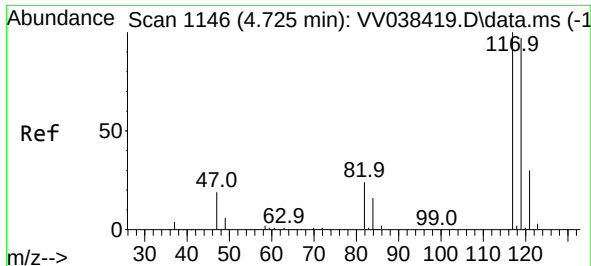
Ion Ratio Lower Upper

56 100

69 31.1 26.0 39.0

84 91.2 75.6 113.4

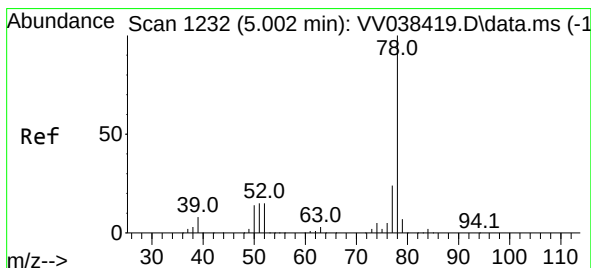
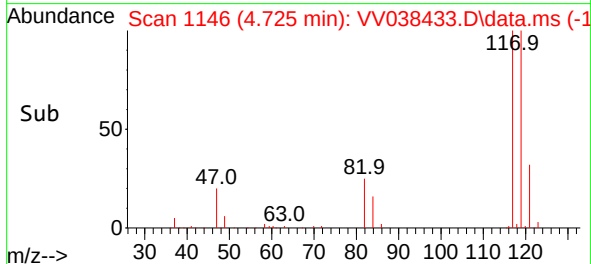
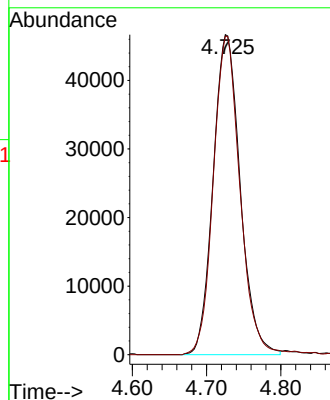
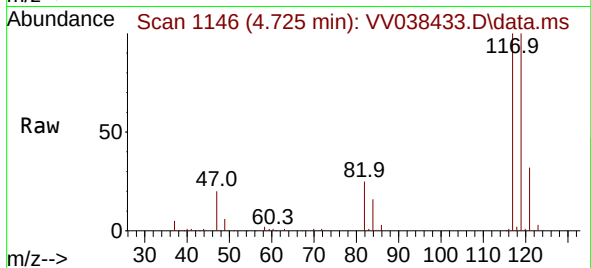




#31
Carbon tetrachloride
Concen: 4.662 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

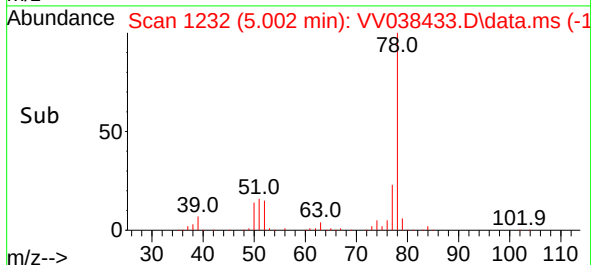
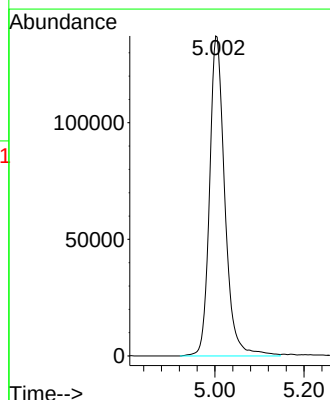
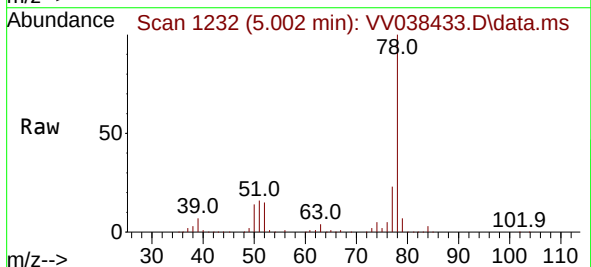
Instrument :
MSVOA_V
ClientSampleId :

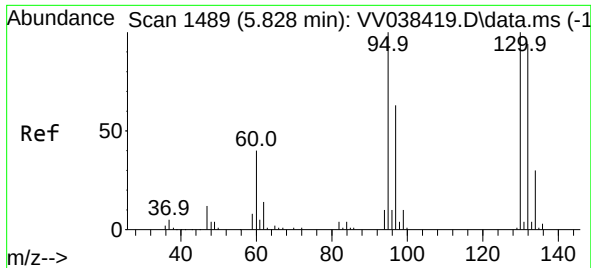
Tgt Ion:117 Resp: 118254
Ion Ratio Lower Upper
117 100
119 97.7 77.4 116.2



#33
Benzene
Concen: 4.839 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

Tgt Ion: 78 Resp: 325878





#34

Trichloroethene

Concen: 4.440 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV038433.D

Acq: 06 Dec 2024 01:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 81500

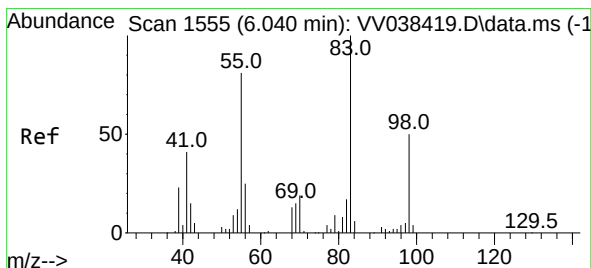
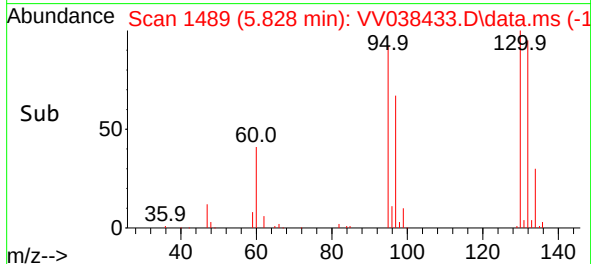
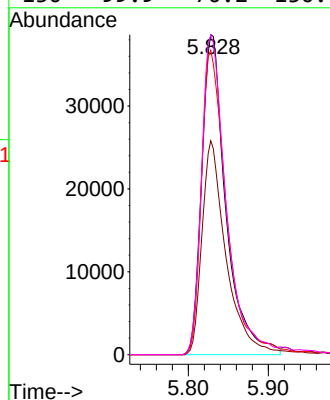
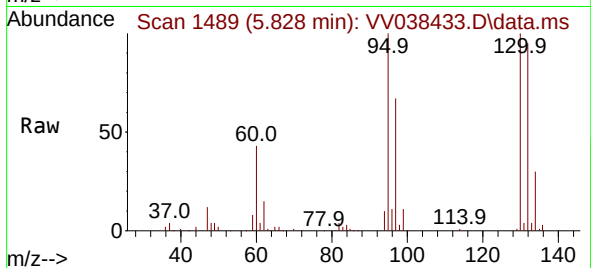
Ion Ratio Lower Upper

95 100

97 66.8 44.8 83.2

132 95.1 68.3 126.8

130 99.9 70.2 130.4



#35

Methylcyclohexane

Concen: 3.893 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038433.D

Acq: 06 Dec 2024 01:33

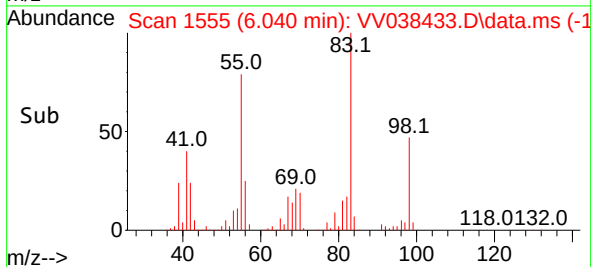
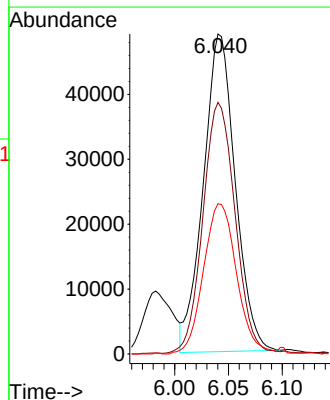
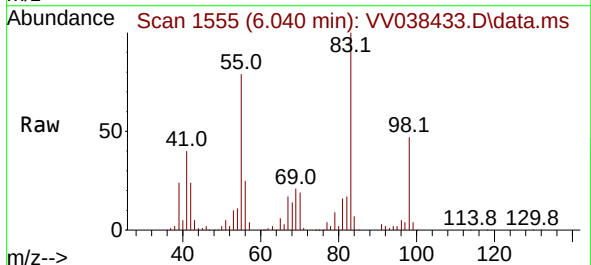
Tgt Ion: 83 Resp: 101103

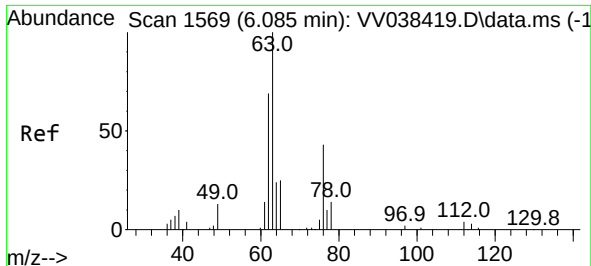
Ion Ratio Lower Upper

83 100

55 79.7 59.7 89.5

98 49.0 39.0 58.4

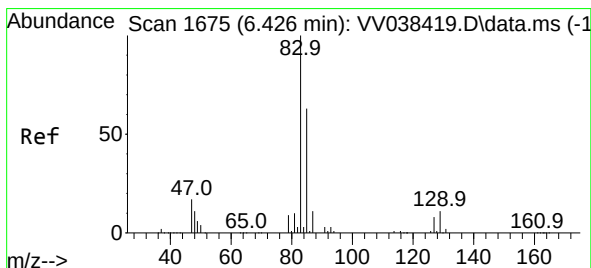
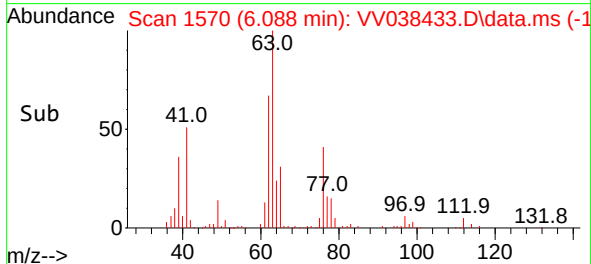
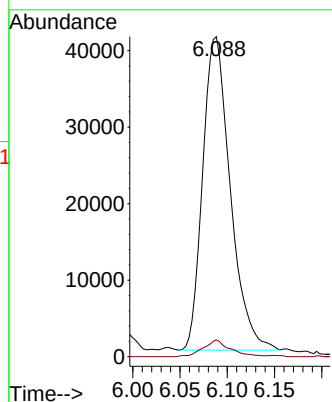
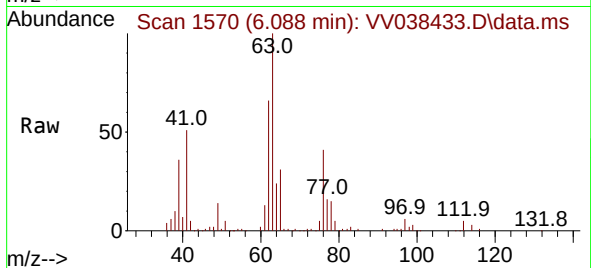




#37
1,2-Dichloropropane
Concen: 4.934 ug/L
RT: 6.088 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

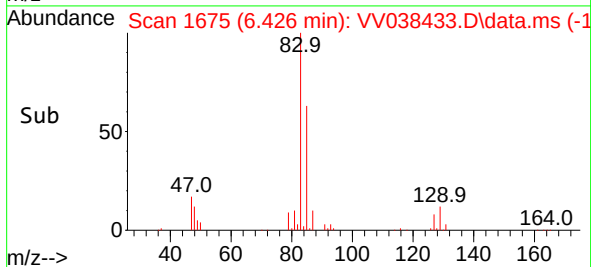
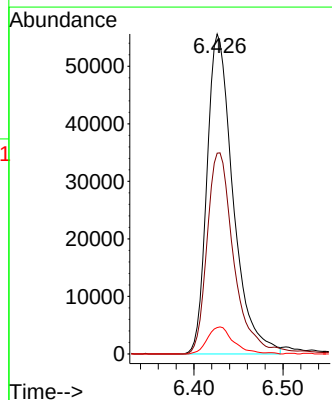
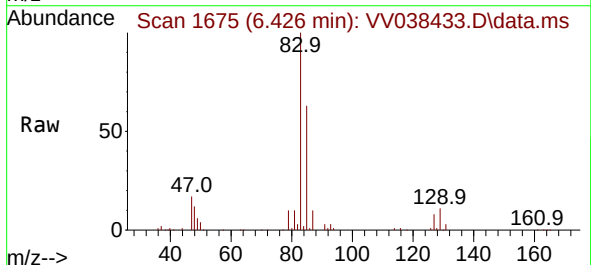
Instrument :
MSVOA_V
ClientSampleId :

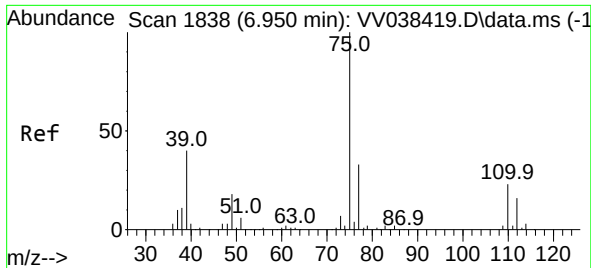
Tgt Ion: 63 Resp: 83223
Ion Ratio Lower Upper
63 100
112 5.2 3.9 5.9



#38
Bromodichloromethane
Concen: 4.996 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

Tgt Ion: 83 Resp: 113269
Ion Ratio Lower Upper
83 100
85 62.7 43.9 81.5
127 8.2 6.7 10.1

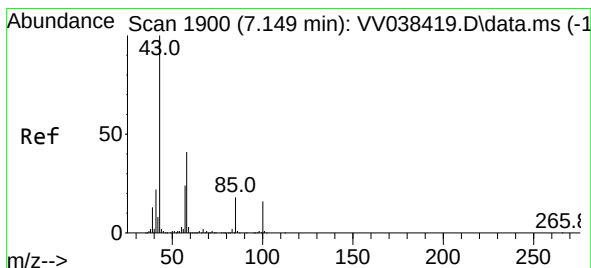
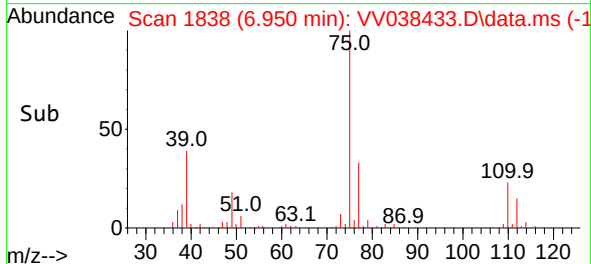
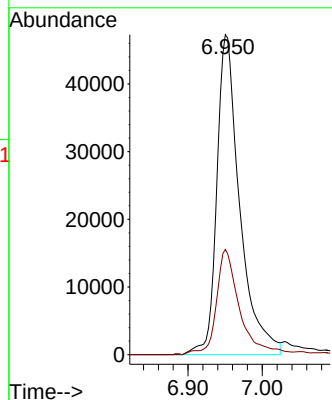
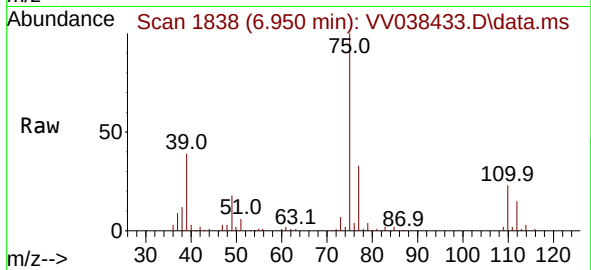




#39
 cis-1,3-Dichloropropene
 Concen: 4.312 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV038433.D
 Acq: 06 Dec 2024 01:33

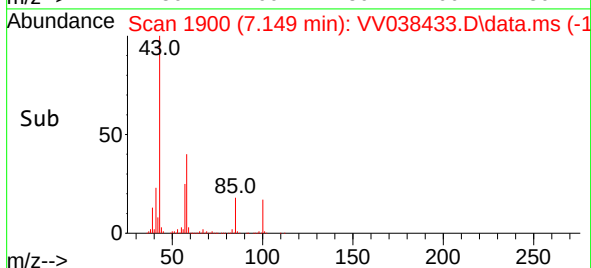
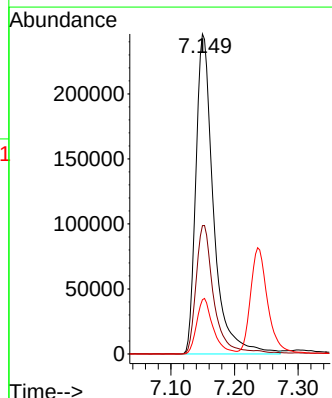
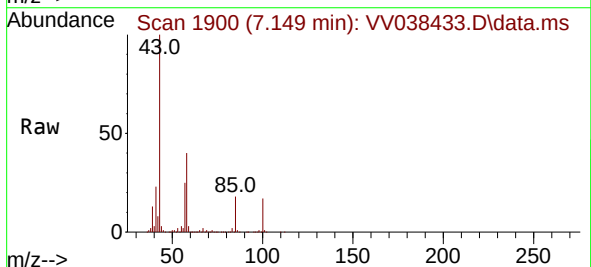
Instrument :
 MSVOA_V
 ClientSampleId :

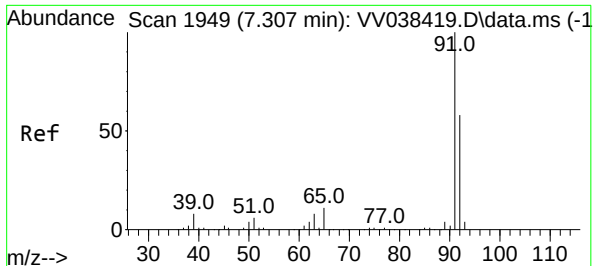
Tgt Ion: 75 Resp: 101530
 Ion Ratio Lower Upper
 75 100
 77 32.9 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 53.662 ug/L
 RT: 7.149 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VV038433.D
 Acq: 06 Dec 2024 01:33

Tgt Ion: 43 Resp: 473755
 Ion Ratio Lower Upper
 43 100
 58 39.9 33.4 50.2
 100 16.2 14.3 21.5





#42

Toluene

Concen: 4.942 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038433.D

Acq: 06 Dec 2024 01:33

Instrument :

MSVOA_V

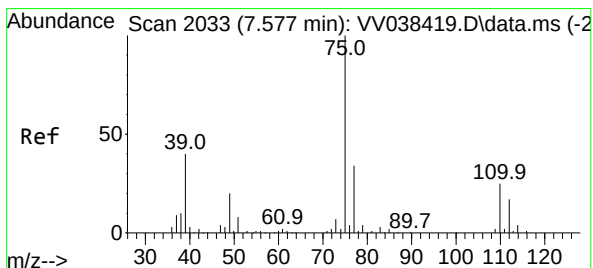
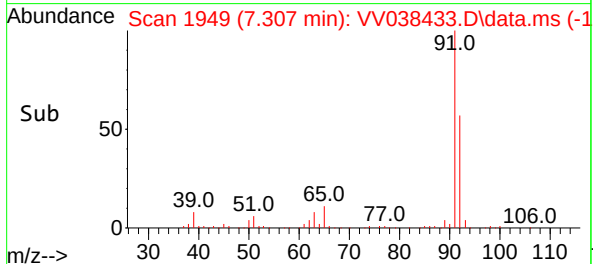
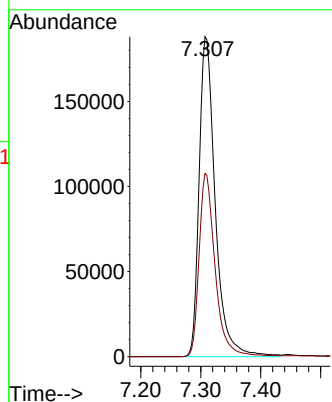
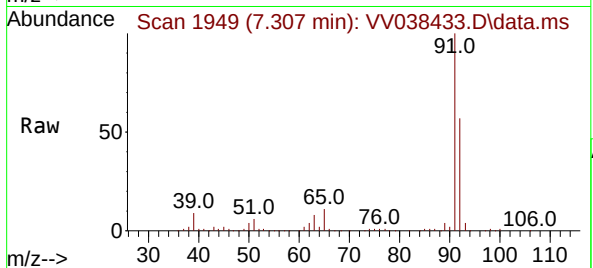
ClientSampleId :

Tgt Ion: 91 Resp: 352442

Ion Ratio Lower Upper

91 100

92 57.2 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.592 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV038433.D

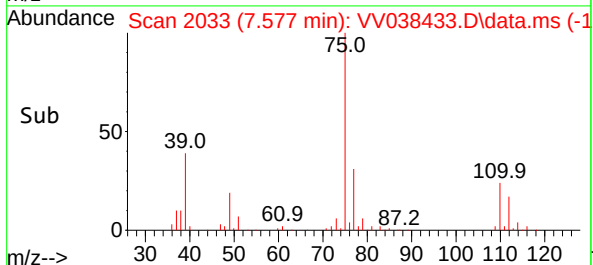
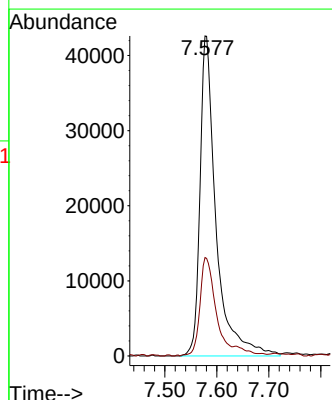
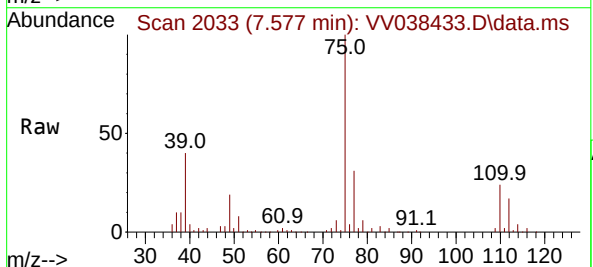
Acq: 06 Dec 2024 01:33

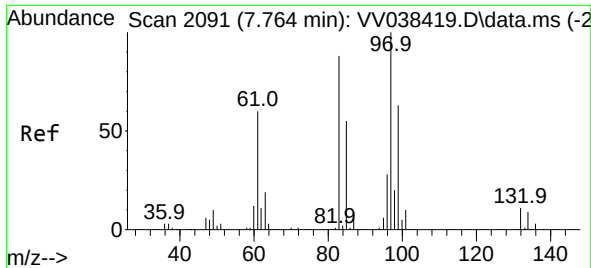
Tgt Ion: 75 Resp: 91337

Ion Ratio Lower Upper

75 100

77 30.8 23.4 43.4

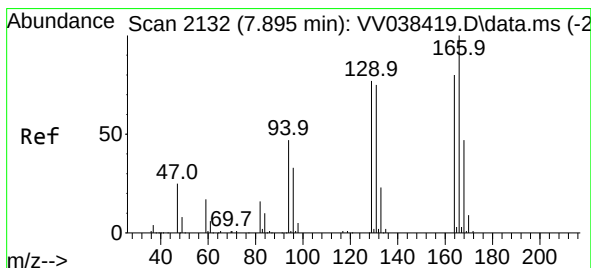
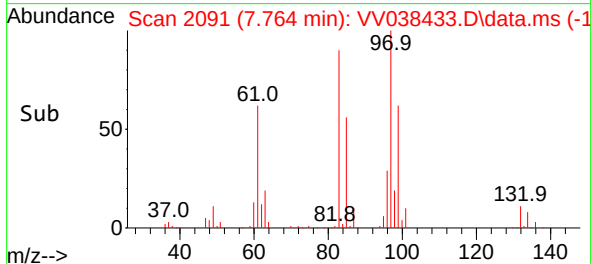
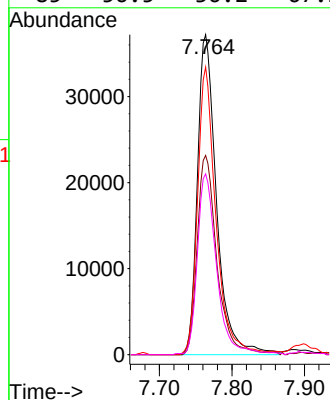
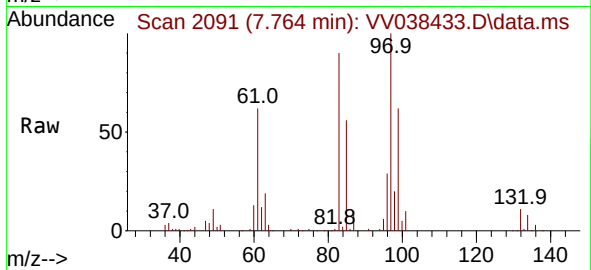




#45
1,1,2-Trichloroethane
Concen: 4.985 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

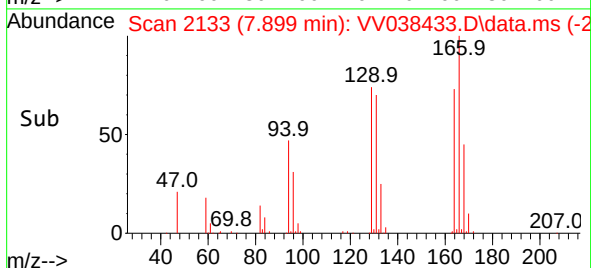
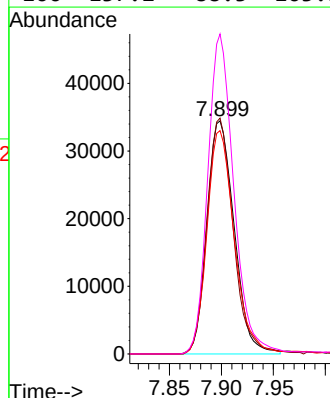
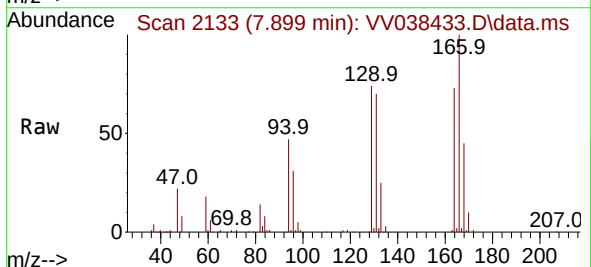
Instrument :
MSVOA_V
ClientSampleId :

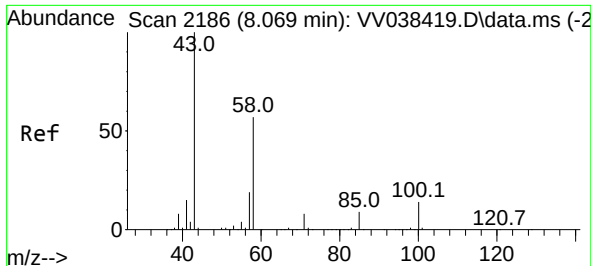
Tgt Ion:	97	Resp:	68197
Ion	Ratio	Lower	Upper
97	100		
99	62.2	41.9	77.7
83	89.9	57.7	107.1
85	56.5	36.2	67.2



#47
Tetrachloroethene
Concen: 4.237 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

Tgt Ion:	164	Resp:	62497
Ion	Ratio	Lower	Upper
164	100		
129	101.1	68.5	127.1
131	95.8	64.8	120.4
166	137.2	88.3	163.9

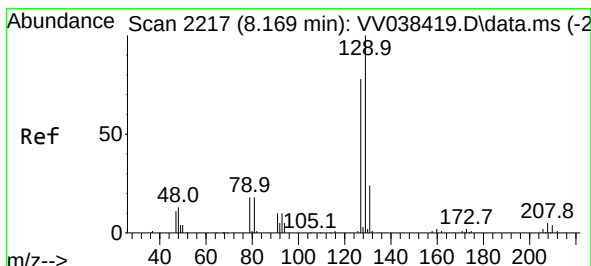
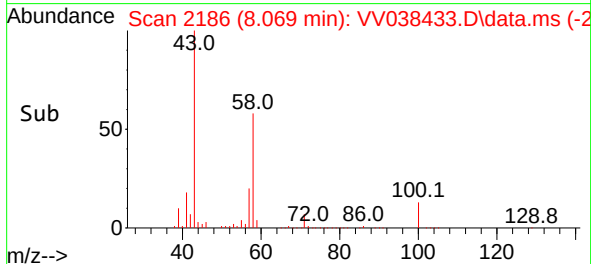
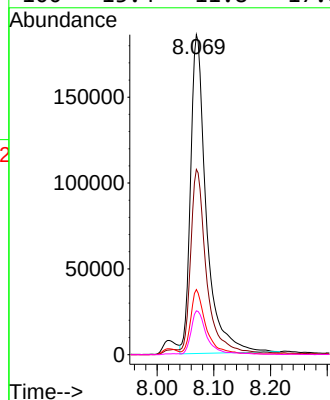
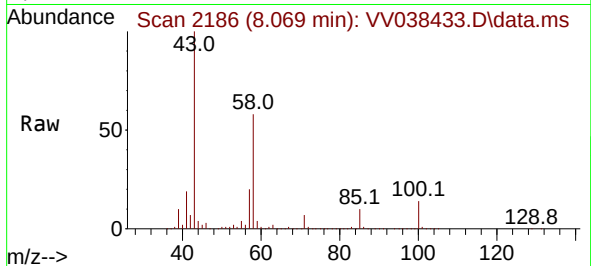




#48
2-Hexanone
Concen: 56.041 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

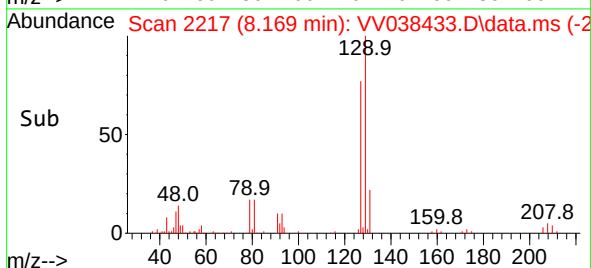
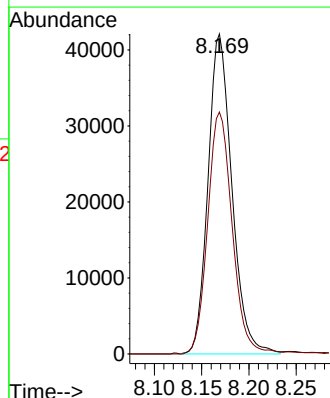
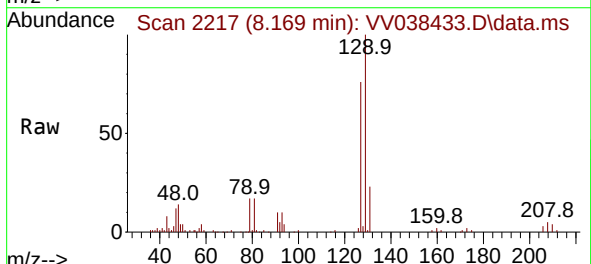
Instrument :
MSVOA_V
ClientSampleId :

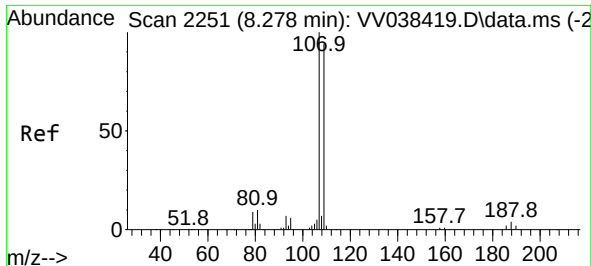
Tgt Ion: 43 Resp: 358773
Ion Ratio Lower Upper
43 100
58 56.9 49.2 73.8
57 19.0 16.9 25.3
100 13.4 11.8 17.8



#49
Dibromochloromethane
Concen: 4.964 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

Tgt Ion: 129 Resp: 74035
Ion Ratio Lower Upper
129 100
127 75.6 53.5 99.3

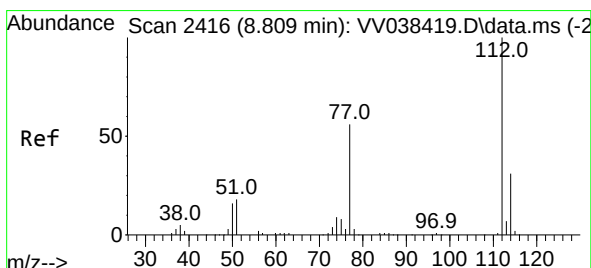
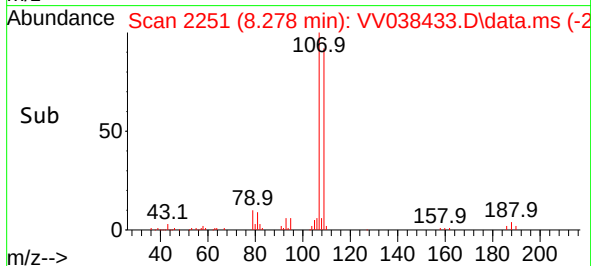
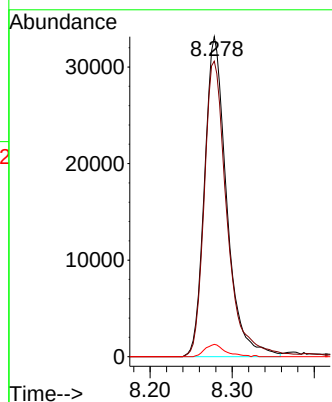
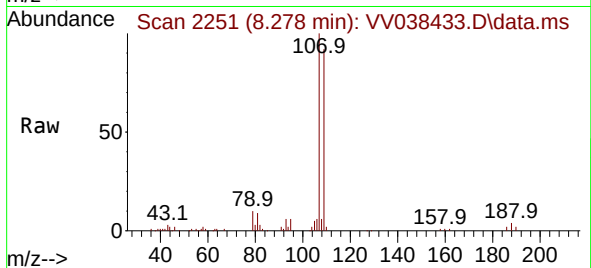




#50
1,2-Dibromoethane
Concen: 4.910 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

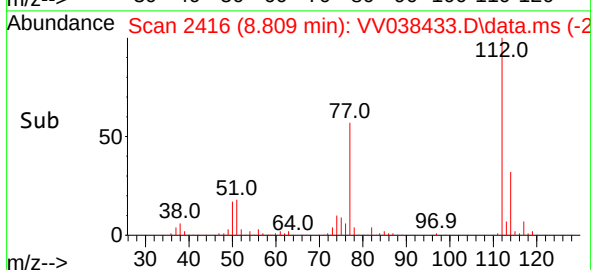
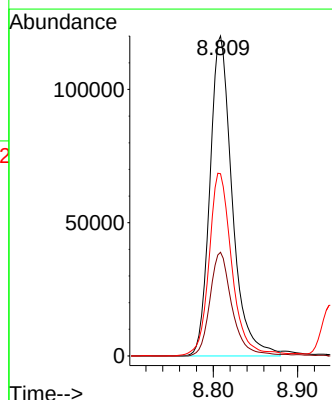
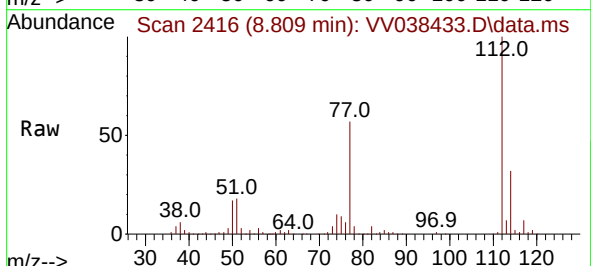
Instrument :
MSVOA_V
ClientSampleId :

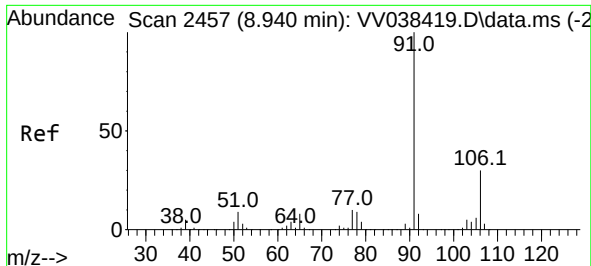
Tgt Ion:107 Resp: 62266
Ion Ratio Lower Upper
107 100
109 92.4 66.1 122.7
188 3.9 2.6 3.8#



#51
Chlorobenzene
Concen: 4.505 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

Tgt Ion:112 Resp: 221348
Ion Ratio Lower Upper
112 100
114 32.4 22.0 40.8
77 56.9 45.0 67.4

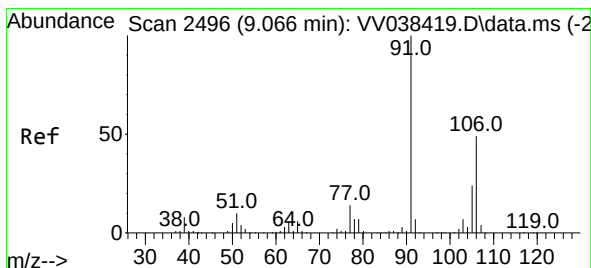
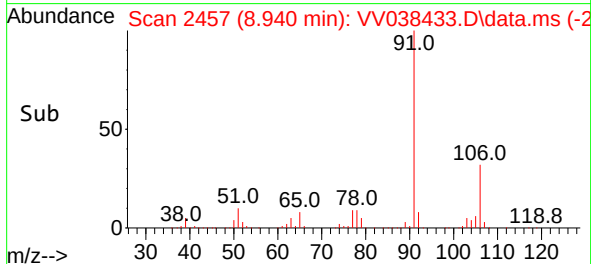
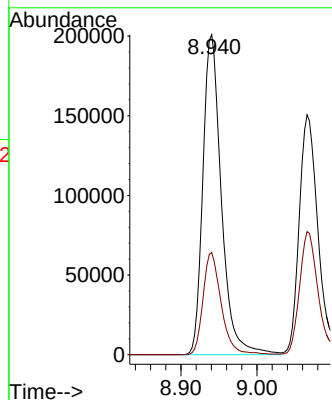
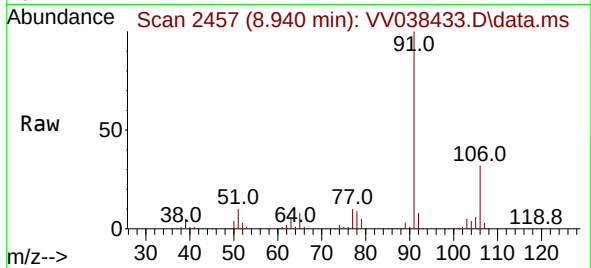




#52
Ethylbenzene
Concen: 4.490 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

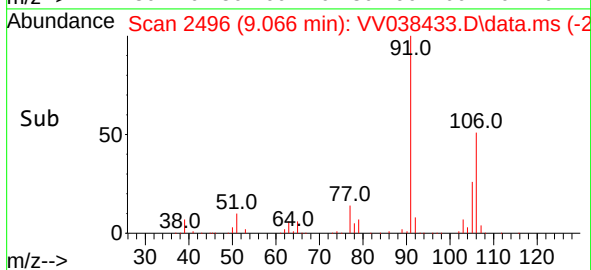
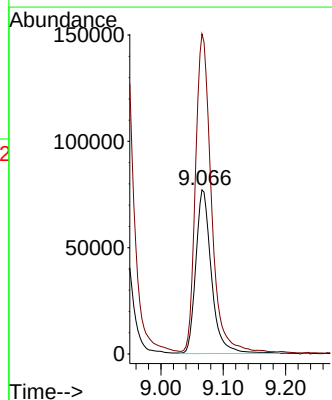
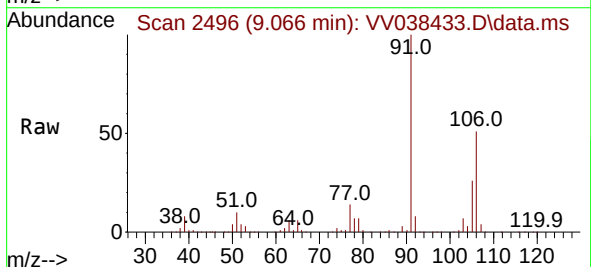
Instrument :
MSVOA_V
ClientSampleId :

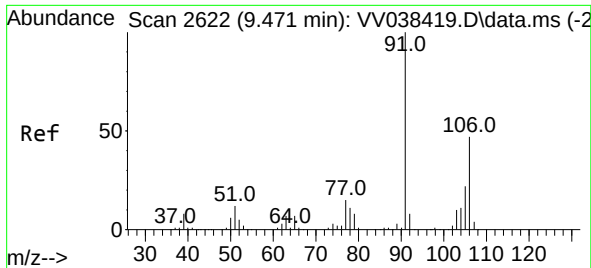
Tgt Ion: 91 Resp: 339724
Ion Ratio Lower Upper
91 100
106 31.9 21.8 40.4



#53
m,p-Xylene
Concen: 4.689 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

Tgt Ion: 106 Resp: 133876
Ion Ratio Lower Upper
106 100
91 194.9 138.7 257.5

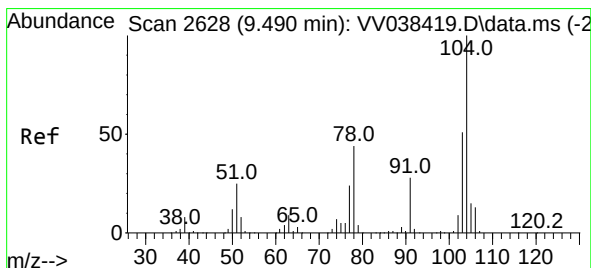
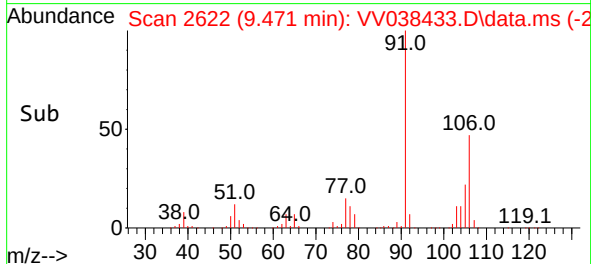
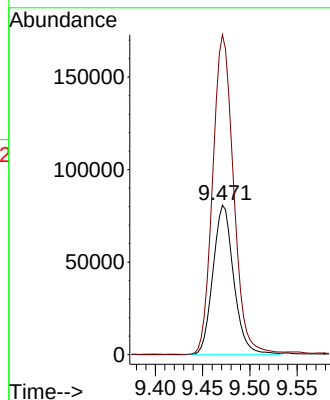
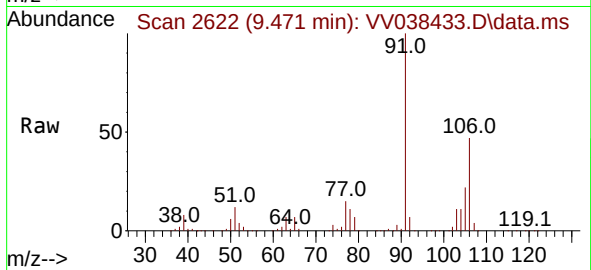




#54
o-Xylene
Concen: 4.456 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

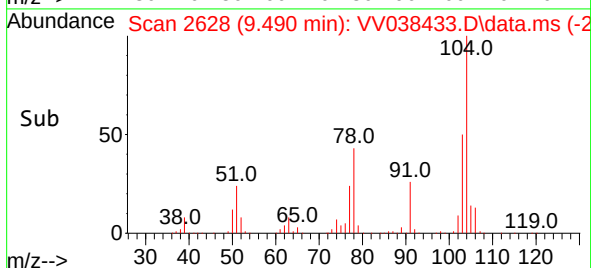
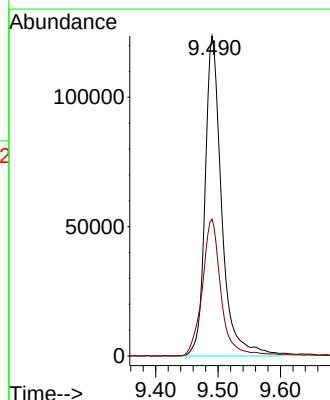
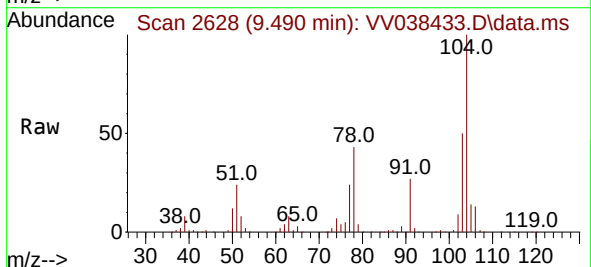
Instrument :
MSVOA_V
ClientSampleId :

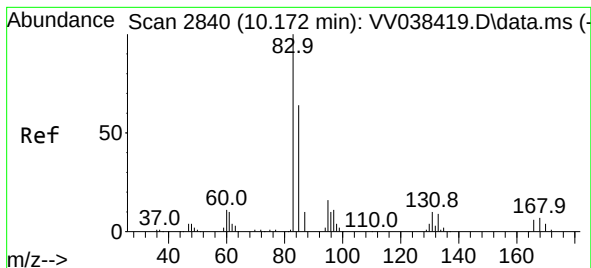
Tgt Ion:106 Resp: 123852
Ion Ratio Lower Upper
106 100
91 214.0 155.5 288.7



#55
Styrene
Concen: 4.674 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

Tgt Ion:104 Resp: 229002
Ion Ratio Lower Upper
104 100
78 42.7 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.193 ug/L

RT: 10.172 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV038433.D

Acq: 06 Dec 2024 01:33

Instrument :

MSVOA_V

ClientSampleId :

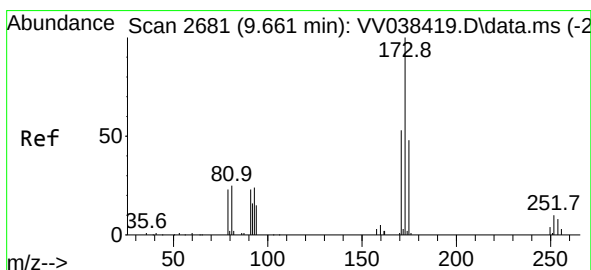
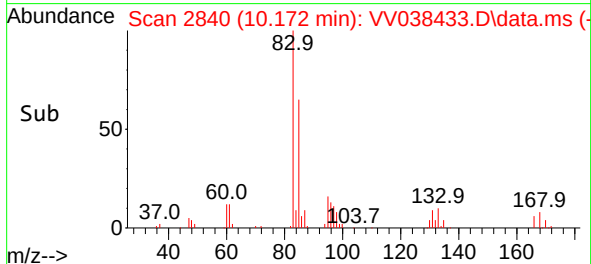
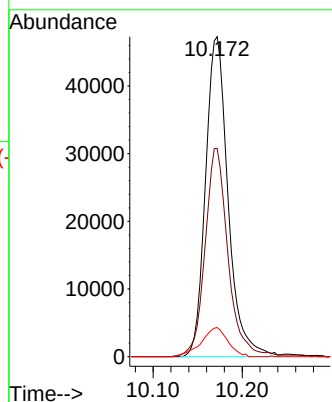
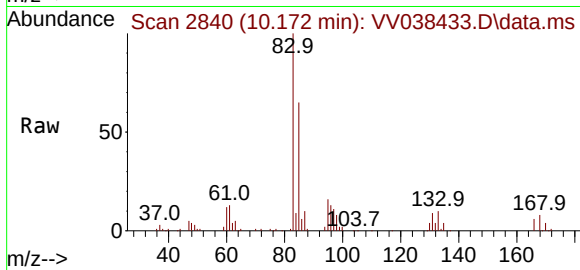
Tgt Ion: 83 Resp: 83063

Ion Ratio Lower Upper

83 100

85 65.1 45.7 84.9

131 9.1 8.2 12.4



#59

Bromoform

Concen: 4.841 ug/L

RT: 9.657 min Scan# 2680

Delta R.T. -0.003 min

Lab File: VV038433.D

Acq: 06 Dec 2024 01:33

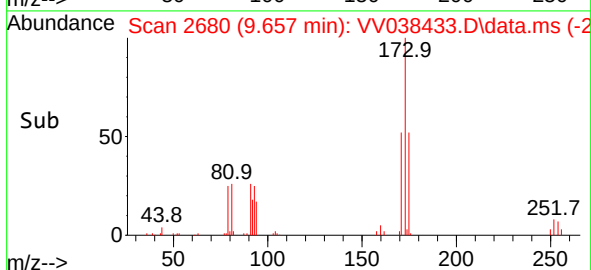
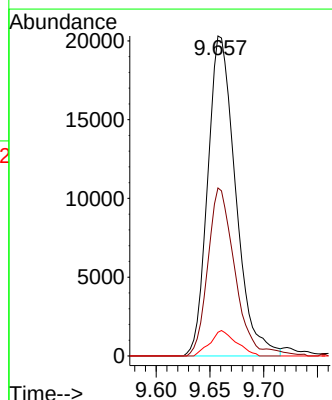
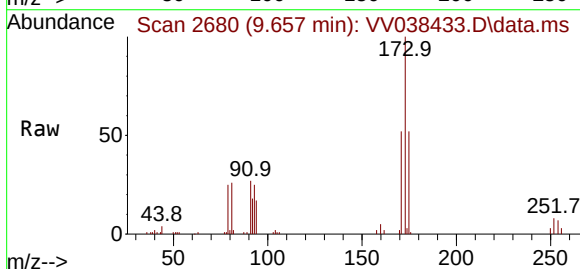
Tgt Ion: 173 Resp: 36563

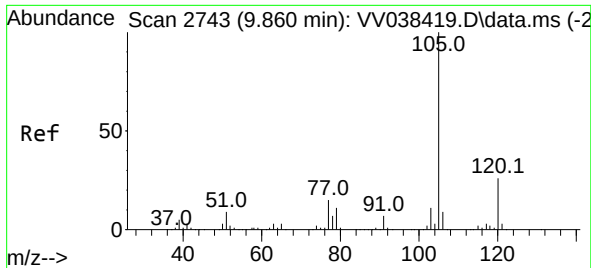
Ion Ratio Lower Upper

173 100

175 51.2 38.5 57.7

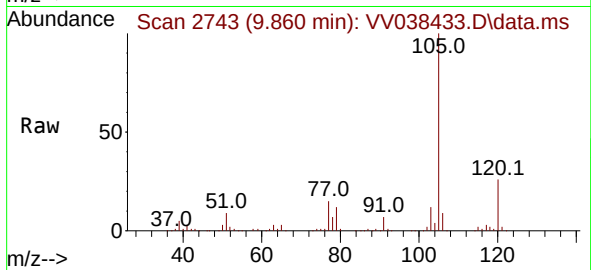
254 7.5 6.9 10.3



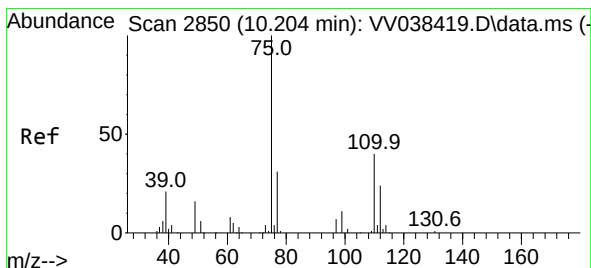
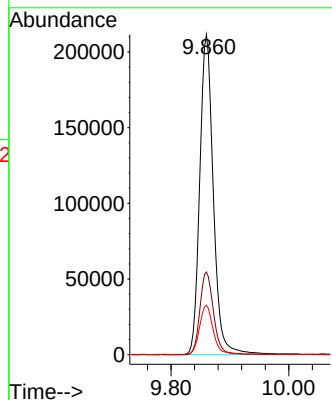
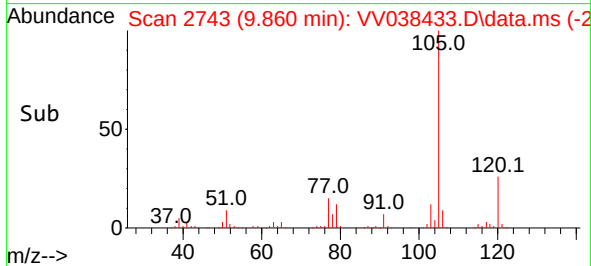


#60
Isopropylbenzene
Concen: 4.537 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

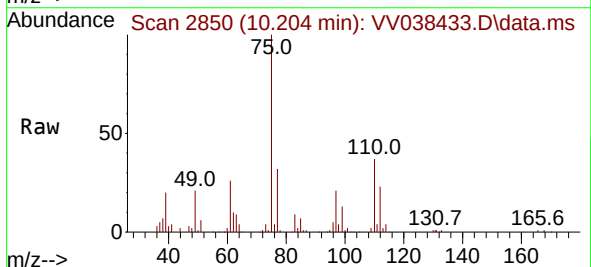
Instrument :
MSVOA_V
ClientSampleId :



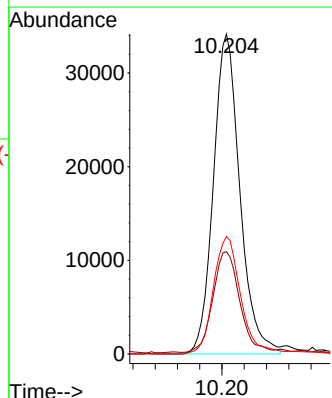
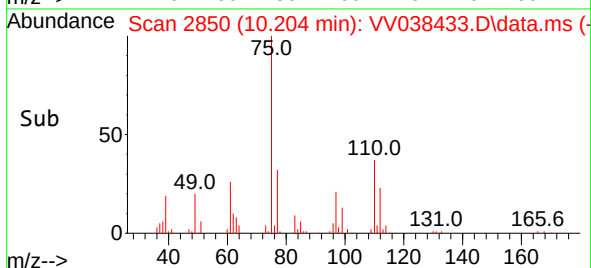
Tgt Ion:105 Resp: 339132
Ion Ratio Lower Upper
105 100
120 25.7 20.8 31.2
77 15.2 12.2 18.2

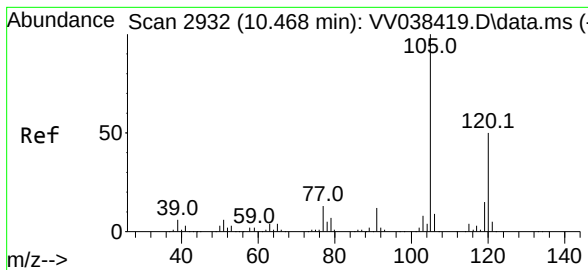


#61
1,2,3-Trichloropropane
Concen: 5.076 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33



Tgt Ion: 75 Resp: 56399
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
110 38.5 32.3 48.5

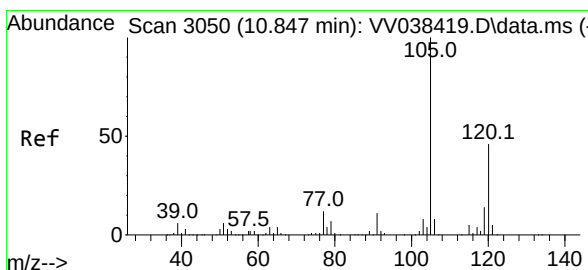
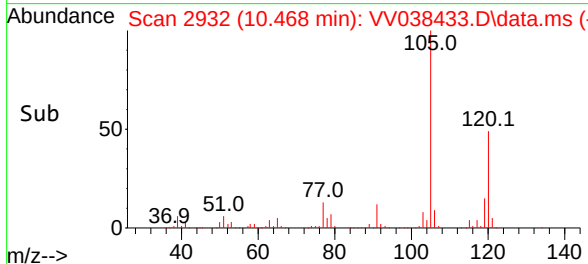
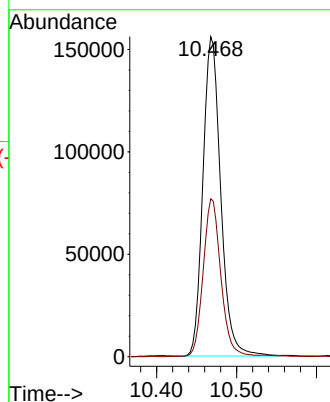
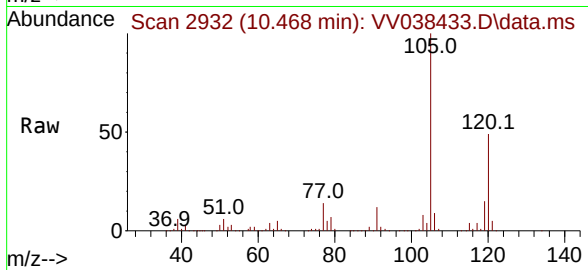




#62
 1,3,5-Trimethylbenzene
 Concen: 4.084 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. 0.000 min
 Lab File: VV038433.D
 Acq: 06 Dec 2024 01:33

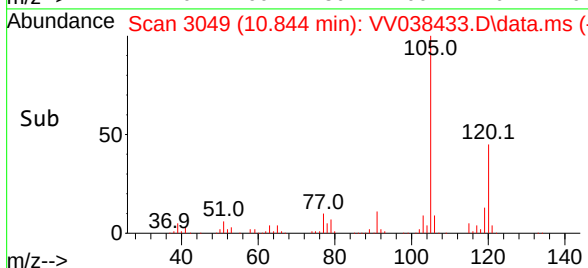
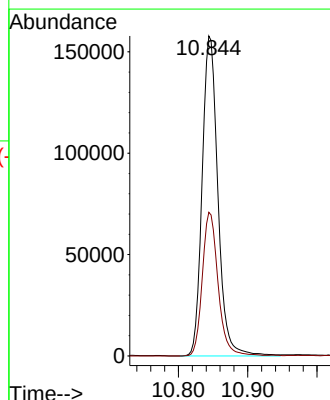
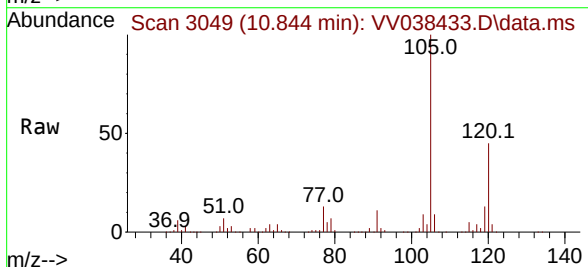
Instrument :
 MSVOA_V
 ClientSampleId :

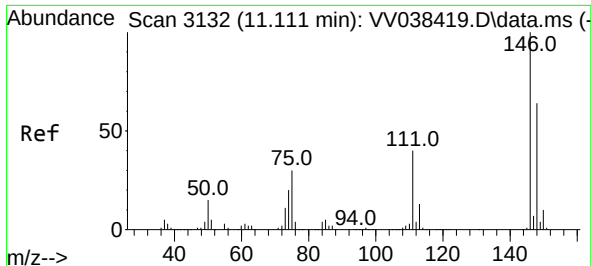
Tgt Ion:105 Resp: 242251
 Ion Ratio Lower Upper
 105 100
 120 49.0 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.214 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. -0.003 min
 Lab File: VV038433.D
 Acq: 06 Dec 2024 01:33

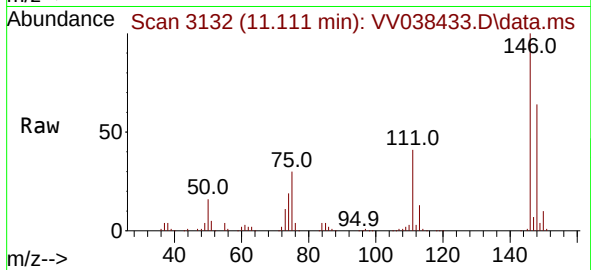
Tgt Ion:105 Resp: 249278
 Ion Ratio Lower Upper
 105 100
 120 45.1 37.0 55.4



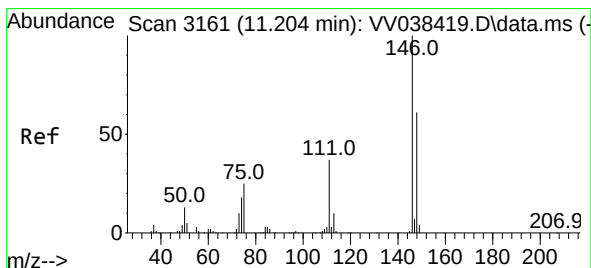
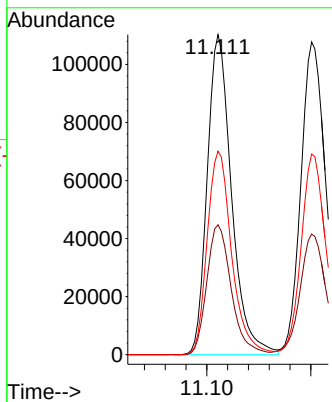
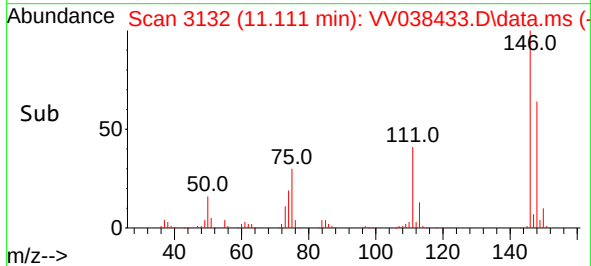


#64
1,3-Dichlorobenzene
Concen: 4.458 ug/L
RT: 11.111 min Scan# 3132
Delta R.T. 0.000 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33

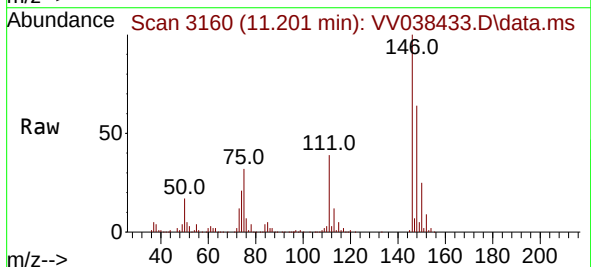
Instrument :
MSVOA_V
ClientSampleId :



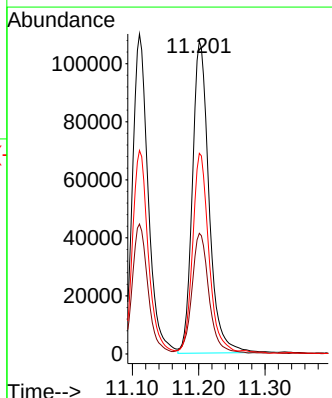
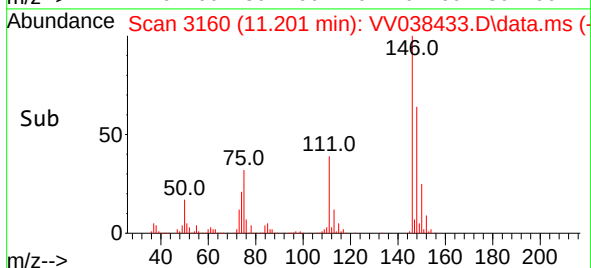
Tgt Ion:146 Resp: 178909
Ion Ratio Lower Upper
146 100
111 40.6 28.2 52.4
148 63.6 44.2 82.2

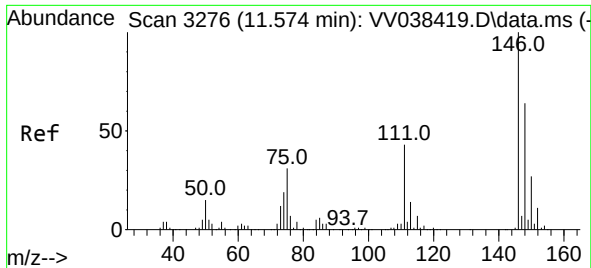


#65
1,4-Dichlorobenzene
Concen: 4.612 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.003 min
Lab File: VV038433.D
Acq: 06 Dec 2024 01:33



Tgt Ion:146 Resp: 187120
Ion Ratio Lower Upper
146 100
111 38.6 27.4 50.8
148 64.1 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 4.552 ug/L

RT: 11.571 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038433.D

Acq: 06 Dec 2024 01:33

Instrument :

MSVOA_V

ClientSampleId :

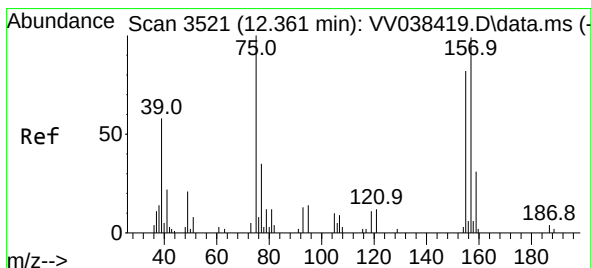
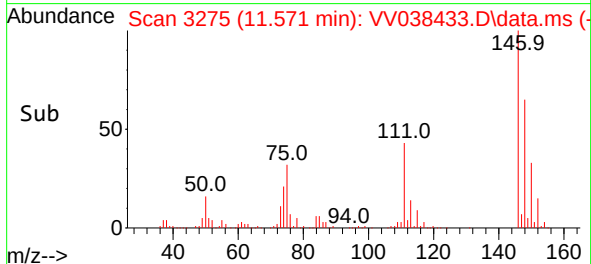
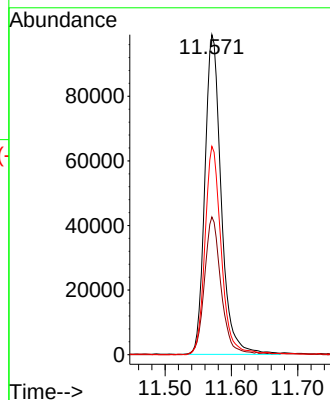
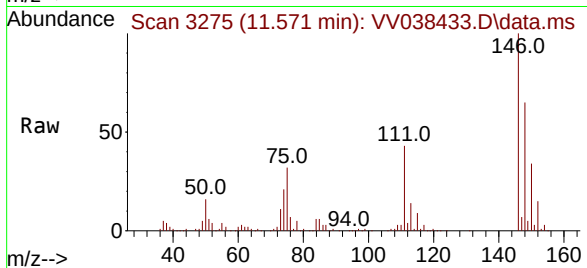
Tgt Ion:146 Resp: 169088

Ion Ratio Lower Upper

146 100

111 43.0 34.2 51.2

148 65.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.629 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV038433.D

Acq: 06 Dec 2024 01:33

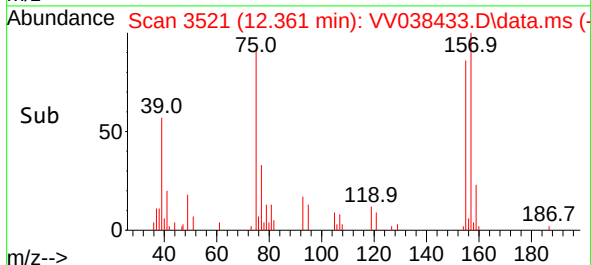
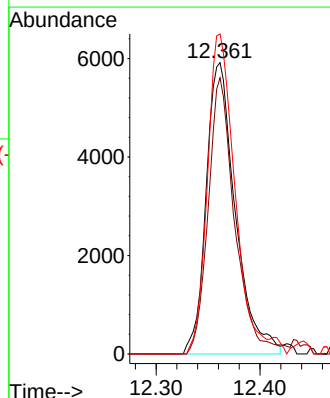
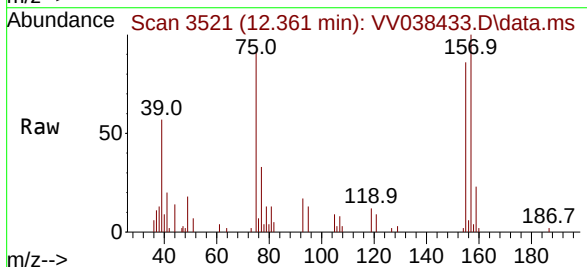
Tgt Ion: 75 Resp: 11544

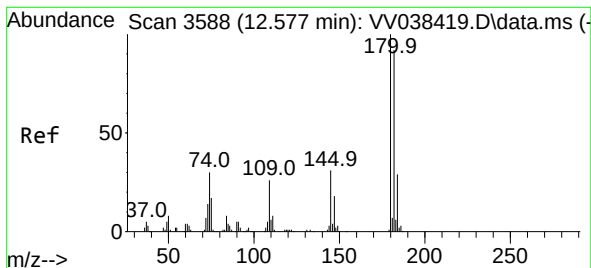
Ion Ratio Lower Upper

75 100

155 94.8 67.5 101.3

157 109.8 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 3.966 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.003 min

Lab File: VV038433.D

Acq: 06 Dec 2024 01:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 112749

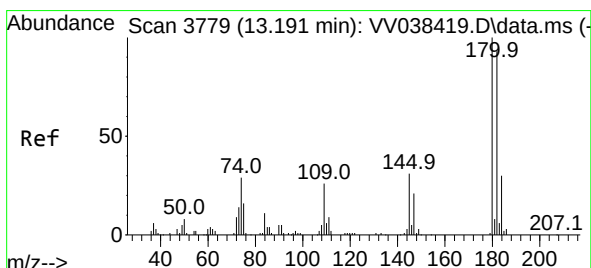
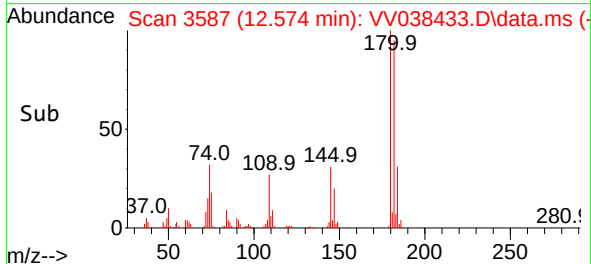
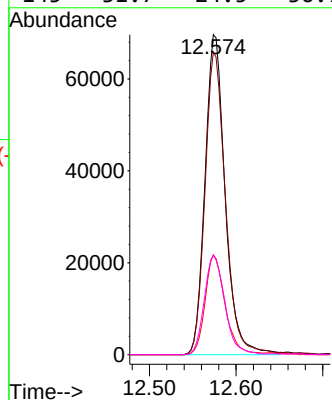
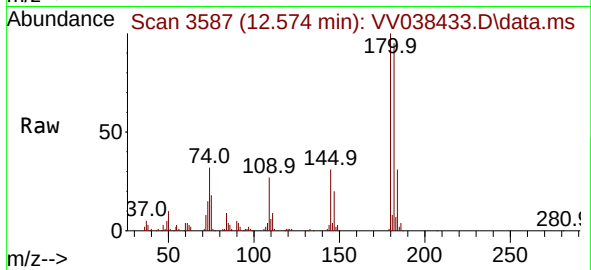
Ion Ratio Lower Upper

180 100

182 96.4 76.0 114.0

184 30.7 23.7 35.5

145 31.7 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 3.697 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV038433.D

Acq: 06 Dec 2024 01:33

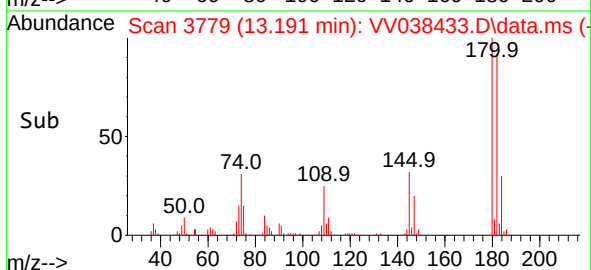
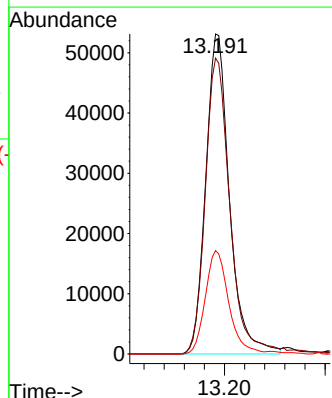
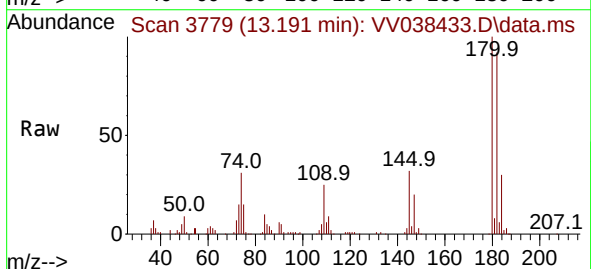
Tgt Ion:180 Resp: 86878

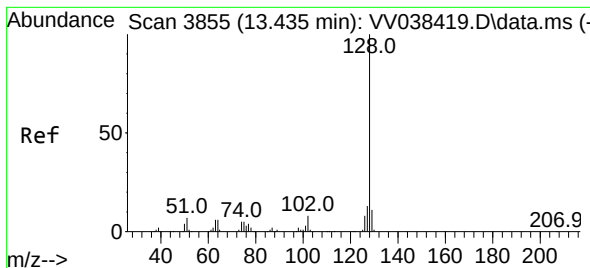
Ion Ratio Lower Upper

180 100

182 96.0 73.8 110.8

145 31.9 24.6 37.0





#71

Naphthalene

Concen: 3.093 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV038433.D

Acq: 06 Dec 2024 01:33

Instrument :

MSVOA_V

ClientSampleId :

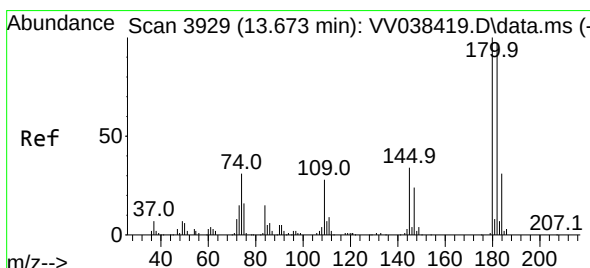
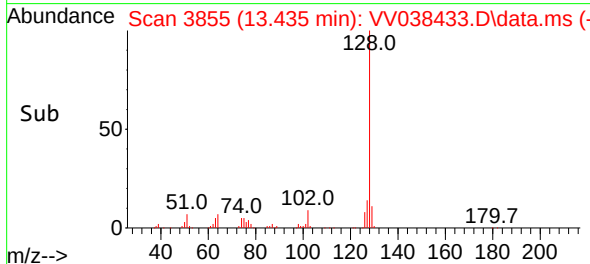
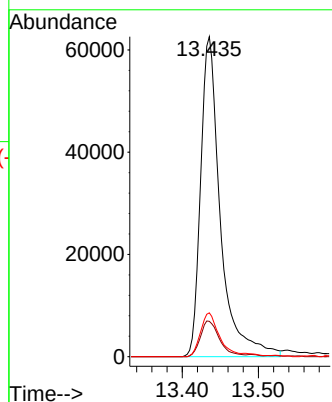
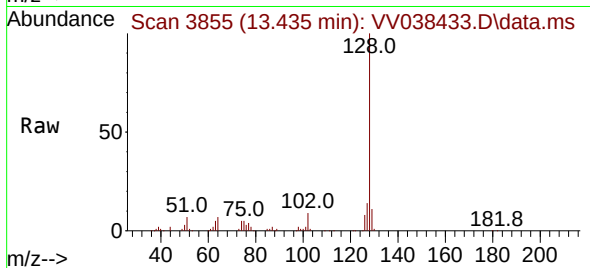
Tgt Ion:128 Resp: 113085

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 13.7 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 3.739 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV038433.D

Acq: 06 Dec 2024 01:33

Tgt Ion:180 Resp: 81190

Ion Ratio Lower Upper

180 100

182 96.4 75.1 112.7

145 33.9 27.0 40.4

