

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
 Data File : VV038295.D
 Acq On : 23 Nov 2024 02:44
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 04:06:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 02:01:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	239977	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	253420	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	136657	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	73776	4.011	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.529	69	68367	4.595	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.053	65	32185	4.066	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	3.789	46	173537	47.162	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.320%
24) Chloroform-d	4.240	84	168945	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.937	65	73349	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	4.953	84	296558	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	5.982	67	90920	4.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.236	98	272307	4.493	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.551	79	32874	4.387	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.021	63	126214	43.331	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.660%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	80396	4.699	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.551	152	101768	4.371	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	115437	5.084	ug/L	98
3) Chloromethane	1.214	50	113122	5.786	ug/L	100
5) Vinyl chloride	1.282	62	116624	5.264	ug/L	98
6) Bromomethane	1.484	94	67398	7.802	ug/L	98
8) Chloroethane	1.545	64	76610	5.427	ug/L	100
9) Trichlorofluoromethane	1.709	101	157014	4.980	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	90860	5.050	ug/L	97
12) 1,1-Dichloroethene	2.066	96	85640	4.996	ug/L	84
13) Acetone	2.118	43	131568	48.345	ug/L	99
14) Carbon disulfide	2.236	76	267063	4.837	ug/L	100
15) Methyl Acetate	2.375	43	33348	5.046	ug/L	96
16) Methylene chloride	2.442	84	100348	5.134	ug/L	94
17) Methyl tert-butyl Ether	2.696	73	188772	4.871	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	93675	5.188	ug/L	100
19) 1,1-Dichloroethane	3.105	63	176091	5.372	ug/L	97
21) 2-Butanone	3.870	43	192454	49.273	ug/L	97
22) cis-1,2-Dichloroethene	3.806	96	100362	5.375	ug/L	97
23) Bromochloromethane	4.143	128	46413	5.092	ug/L	96
25) Chloroform	4.265	83	186831	5.328	ug/L	97

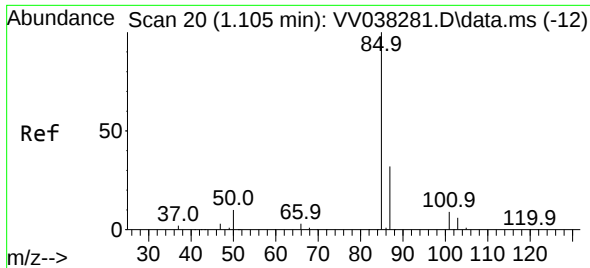
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	104732	5.489	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	159590	5.251	ug/L	99
30) Cyclohexane	4.571	56	126480	5.017	ug/L	96
31) Carbon tetrachloride	4.725	117	136488	5.090	ug/L	99
33) Benzene	5.002	78	382770	5.377	ug/L	100
34) Trichloroethene	5.828	95	98776	5.090	ug/L	99
35) Methylcyclohexane	6.043	83	130454	4.752	ug/L	100
37) 1,2-Dichloropropane	6.085	63	94782	5.316	ug/L	99
38) Bromodichloromethane	6.426	83	126045	5.259	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	126008	5.063	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	495592	53.106	ug/L	97
42) Toluene	7.307	91	404900	5.371	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	106280	5.055	ug/L	97
45) 1,1,2-Trichloroethane	7.764	97	74175	5.130	ug/L	96
47) Tetrachloroethene	7.895	164	77123	4.946	ug/L	98
48) 2-Hexanone	8.069	43	353898	52.295	ug/L	97
49) Dibromochloromethane	8.169	129	79903	5.068	ug/L	98
50) 1,2-Dibromoethane	8.278	107	67660	5.047	ug/L	99
51) Chlorobenzene	8.805	112	263893	5.081	ug/L	100
52) Ethylbenzene	8.937	91	408806	5.112	ug/L	99
53) m,p-Xylene	9.066	106	158001	5.235	ug/L	97
54) o-Xylene	9.471	106	149659	5.094	ug/L	94
55) Styrene	9.490	104	273451	5.280	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	86459	5.113	ug/L	100
59) Bromoform	9.657	173	39700	4.992	ug/L	96
60) Isopropylbenzene	9.860	105	408829	5.194	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	59094	5.051	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	305554	4.892	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	309260	4.965	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	212183	5.021	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	212386	4.971	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	196269	5.017	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	12592	4.795	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	138120	4.613	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	110900	4.481	ug/L	98
71) Naphthalene	13.432	128	154195	4.005	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	101861	4.455	ug/L	98

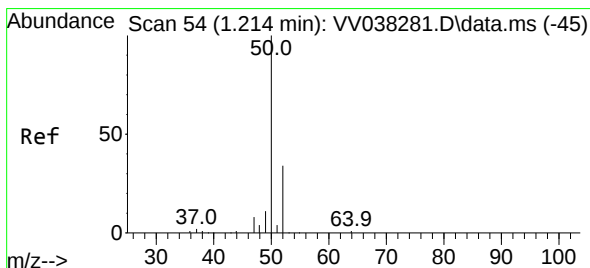
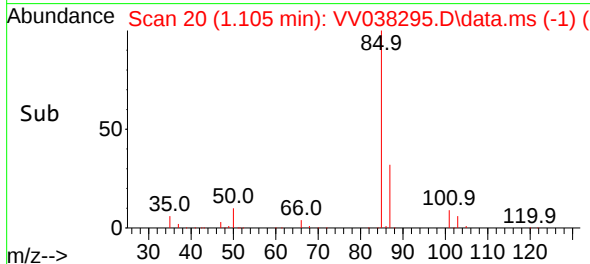
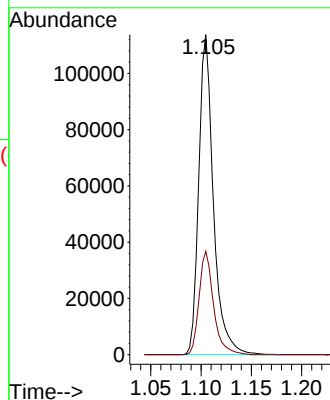
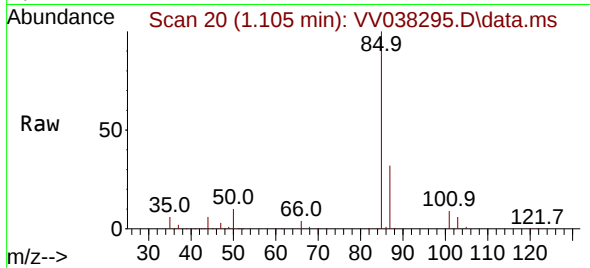
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#2
 Dichlorodifluoromethane
 Concen: 5.084 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038295.D
 Acq: 23 Nov 2024 02:44

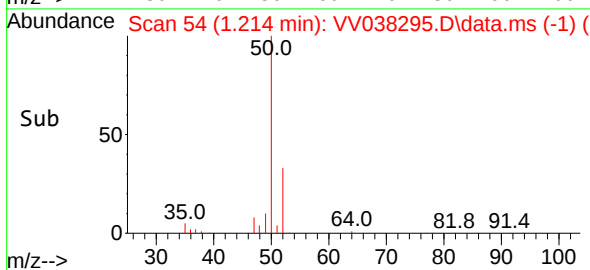
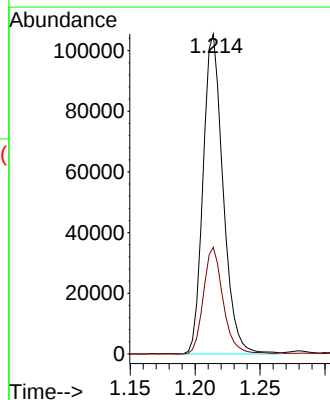
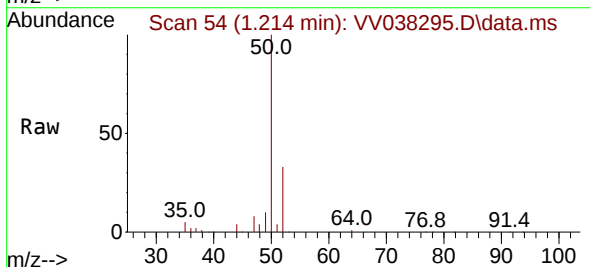
Instrument :
 MSVOA_V
 ClientSampleId :

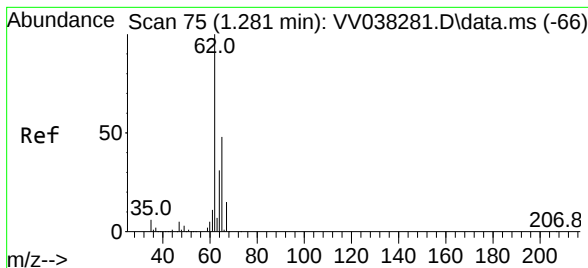
Tgt Ion: 85 Resp: 115437
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.5 39.7



#3
 Chloromethane
 Concen: 5.786 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038295.D
 Acq: 23 Nov 2024 02:44

Tgt Ion: 50 Resp: 113122
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.5 43.7





#5

Vinyl chloride

Concen: 5.264 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Instrument :

MSVOA_V

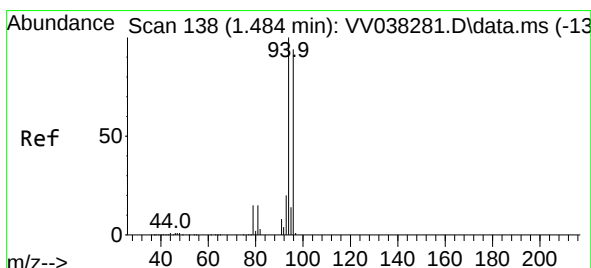
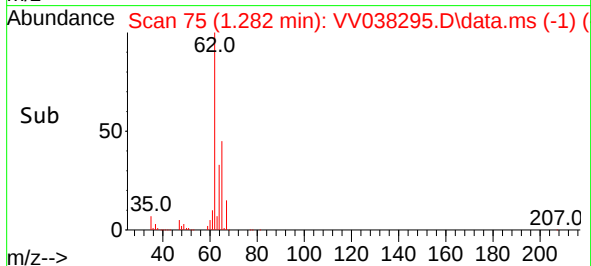
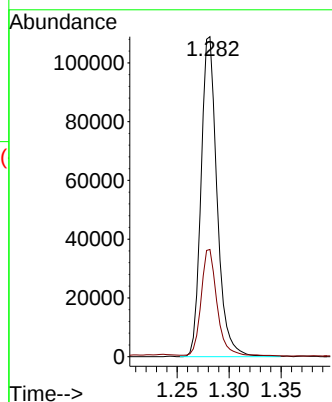
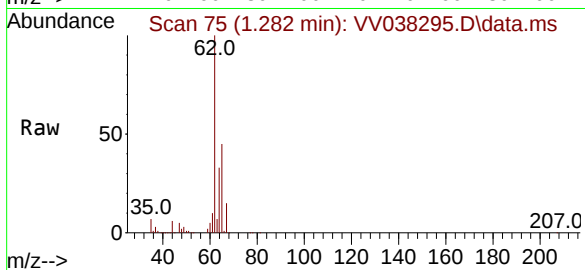
ClientSampleId :

Tgt Ion: 62 Resp: 116624

Ion Ratio Lower Upper

62 100

64 33.5 24.4 45.4



#6

Bromomethane

Concen: 7.802 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV038295.D

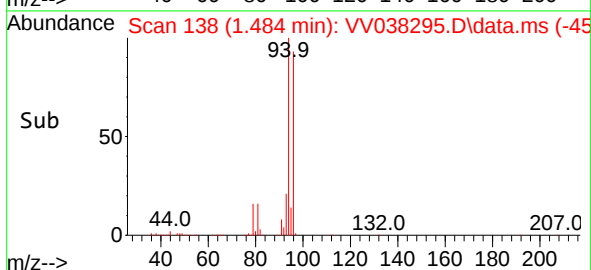
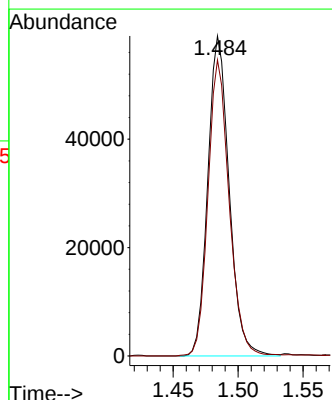
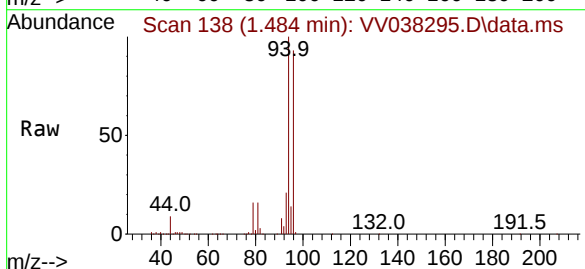
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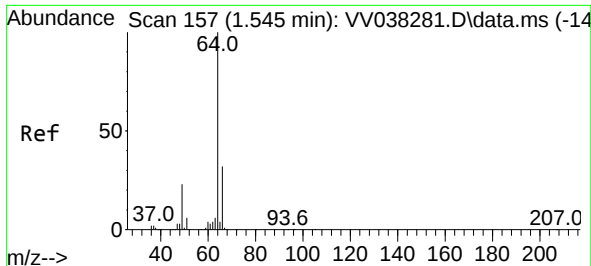
Tgt Ion: 94 Resp: 67398

Ion Ratio Lower Upper

94 100

96 92.5 63.7 118.3

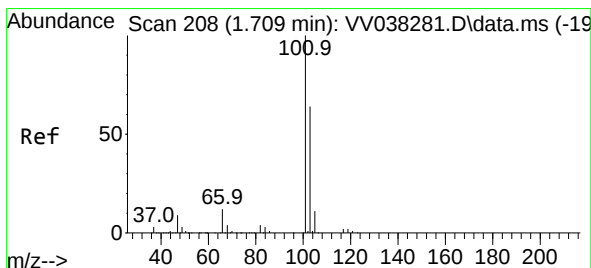
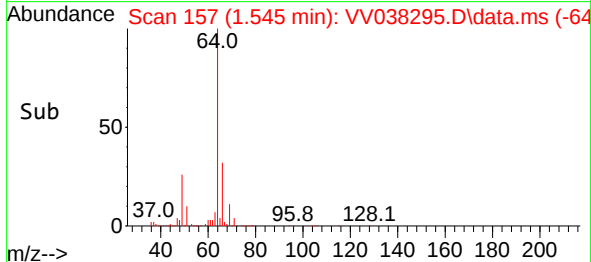
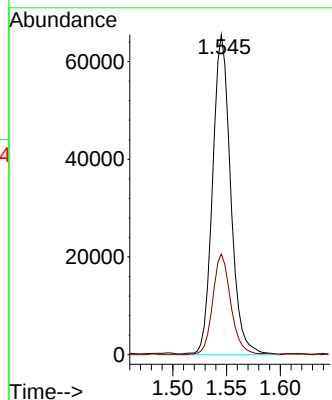
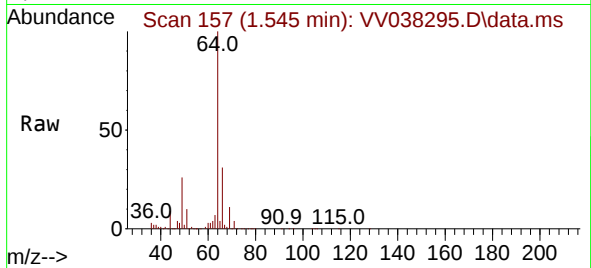




#8
Chloroethane
Concen: 5.427 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

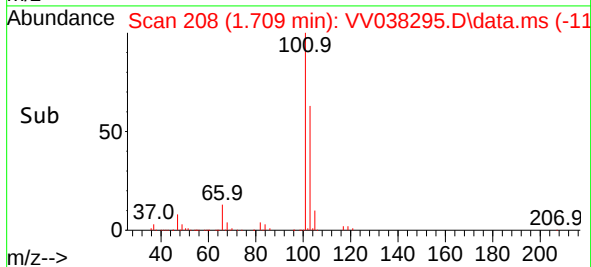
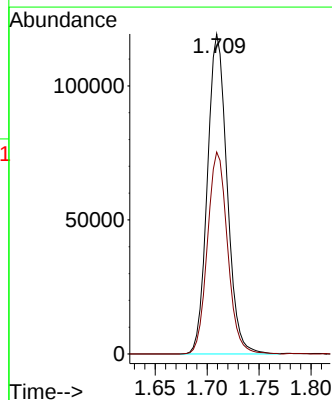
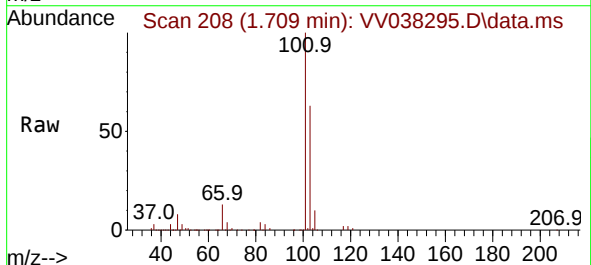
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ClientSampleId :

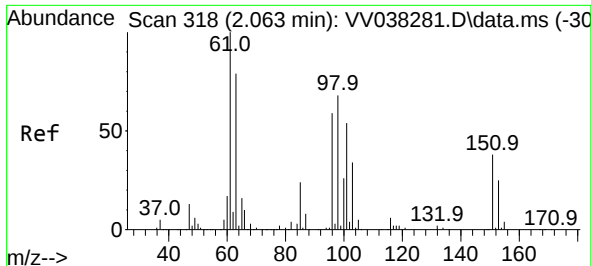
Tgt Ion: 64 Resp: 76610
Ion Ratio Lower Upper
64 100
66 31.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.980 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

Tgt Ion:101 Resp: 157014
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

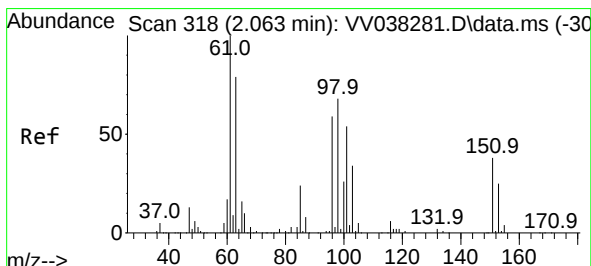
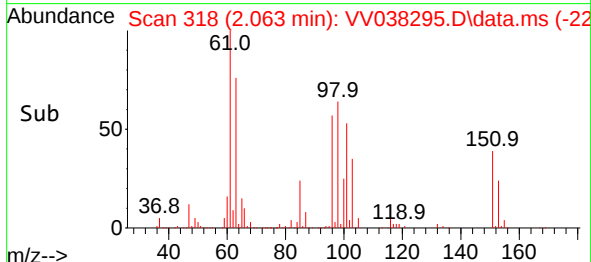
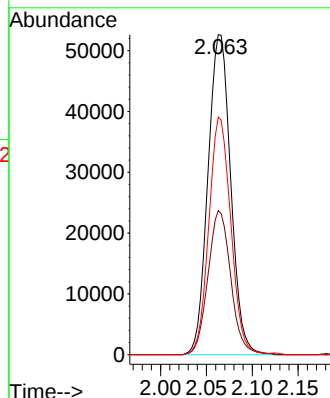
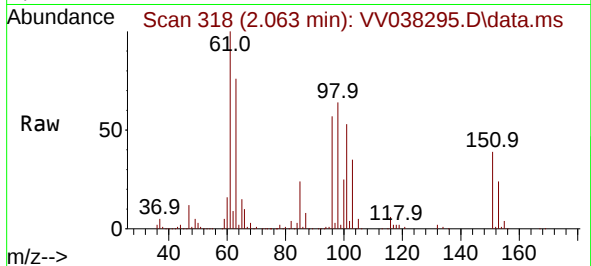




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.050 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038295.D
 Acq: 23 Nov 2024 02:44

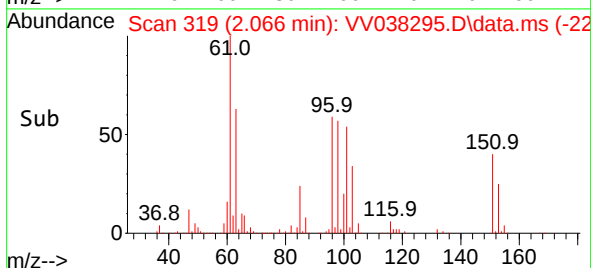
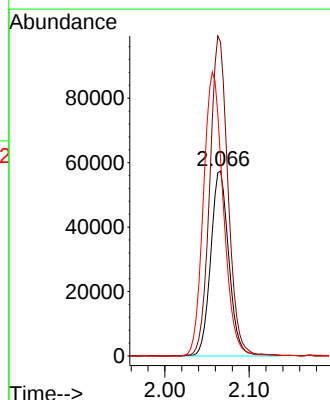
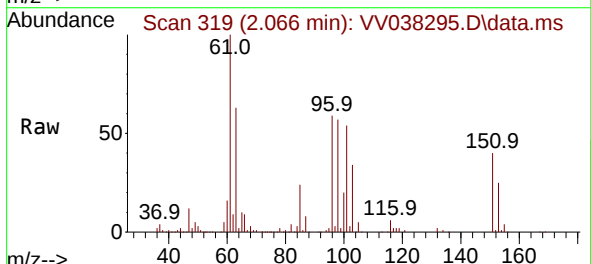
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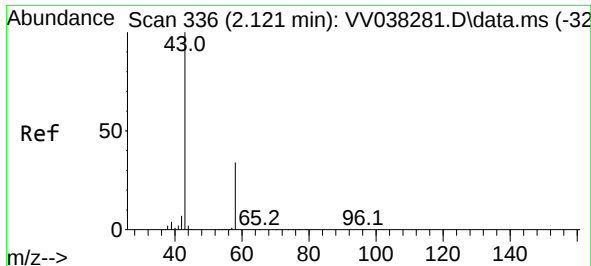
Tgt Ion:101 Resp: 90860
 Ion Ratio Lower Upper
 101 100
 85 45.0 33.4 50.0
 151 71.8 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 4.996 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV038295.D
 Acq: 23 Nov 2024 02:44

Tgt Ion: 96 Resp: 85640
 Ion Ratio Lower Upper
 96 100
 61 169.7 115.7 214.9
 63 106.8 101.1 187.7





#13

Acetone

Concen: 48.345 ug/L

RT: 2.118 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Instrument :

MSVOA_V

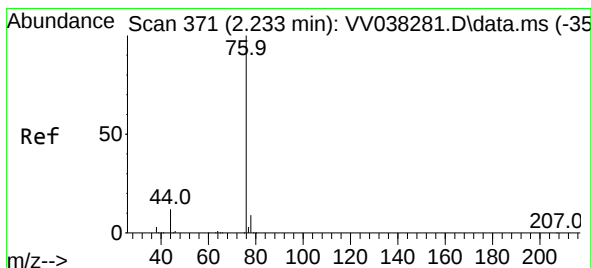
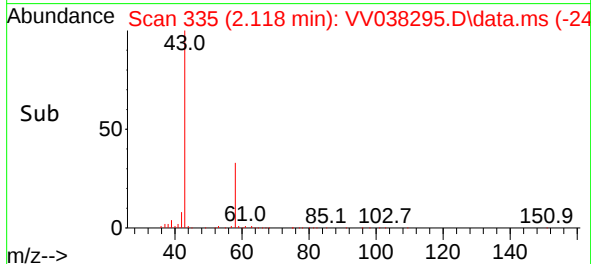
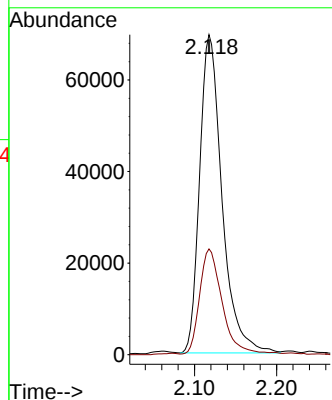
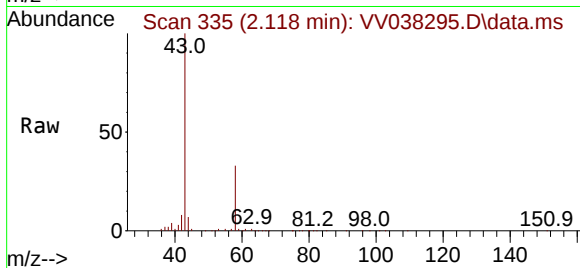
ClientSampleId :

Tgt Ion: 43 Resp: 131568

Ion Ratio Lower Upper

43 100

58 32.9 0.0 67.2



#14

Carbon disulfide

Concen: 4.837 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.003 min

Lab File: VV038295.D

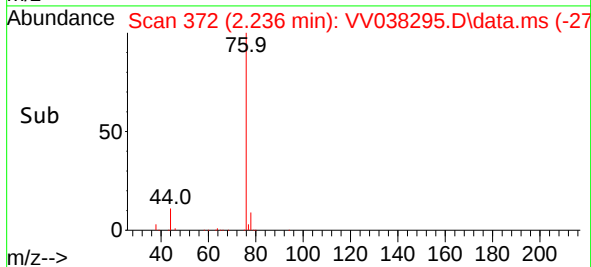
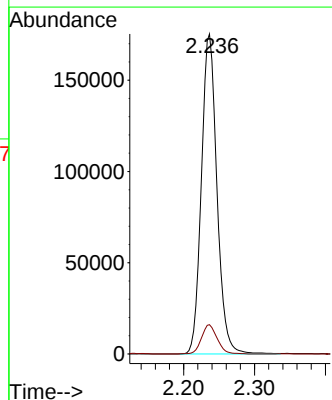
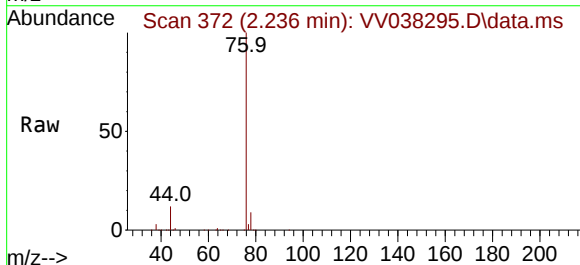
Acq: 23 Nov 2024 02:44

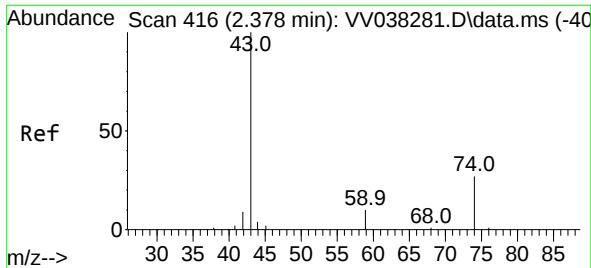
Tgt Ion: 76 Resp: 267063

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

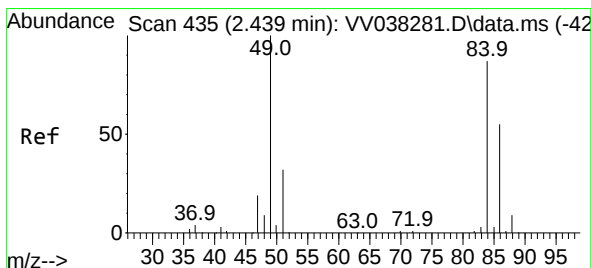
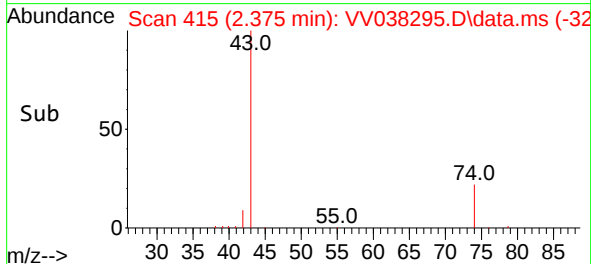
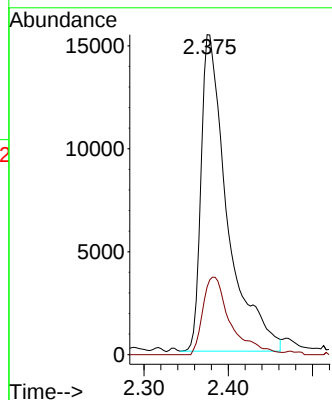
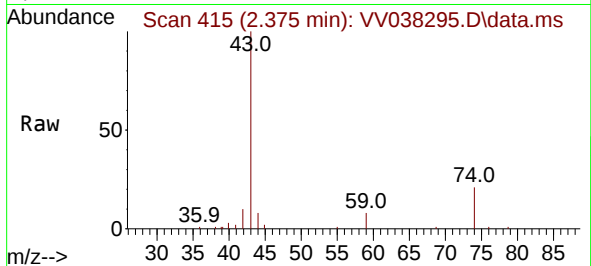




#15
Methyl Acetate
Concen: 5.046 ug/L
RT: 2.375 min Scan# 416
Delta R.T. -0.003 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

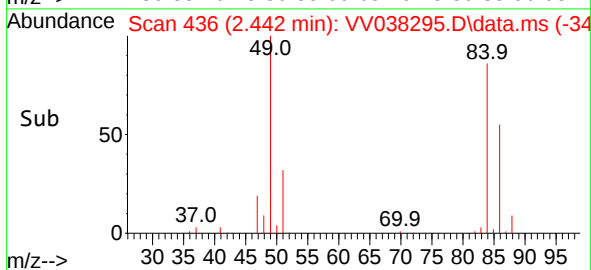
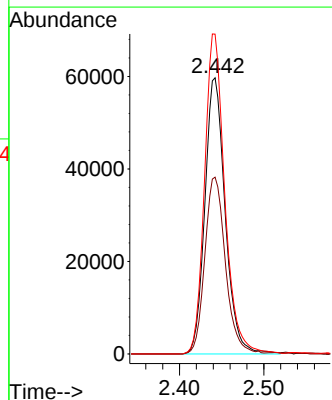
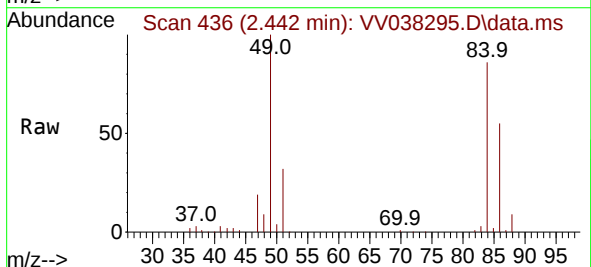
Instrument :
MSVOA_V
ClientSampleId :

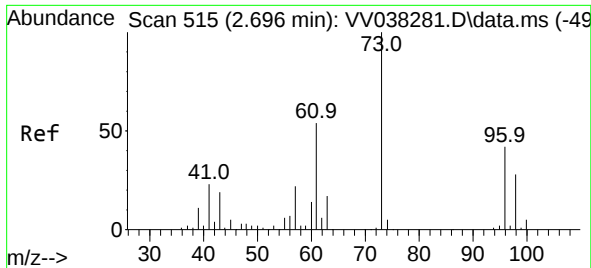
Tgt Ion: 43 Resp: 33348
Ion Ratio Lower Upper
43 100
74 25.9 22.4 33.6



#16
Methylene chloride
Concen: 5.134 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

Tgt Ion: 84 Resp: 100348
Ion Ratio Lower Upper
84 100
86 64.0 44.2 82.2
49 115.9 74.9 139.1

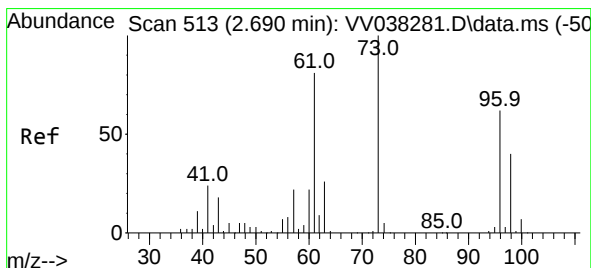
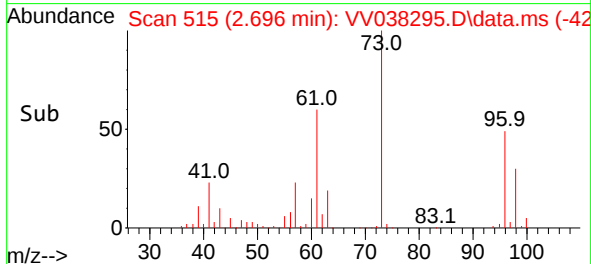
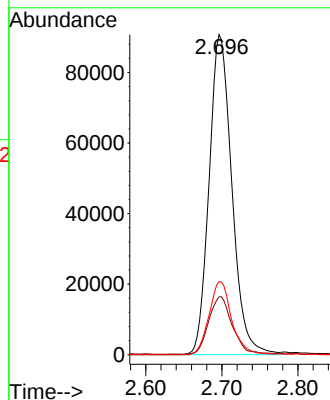
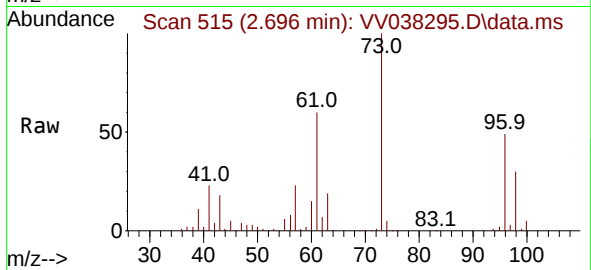




#17
Methyl tert-butyl Ether
Concen: 4.871 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

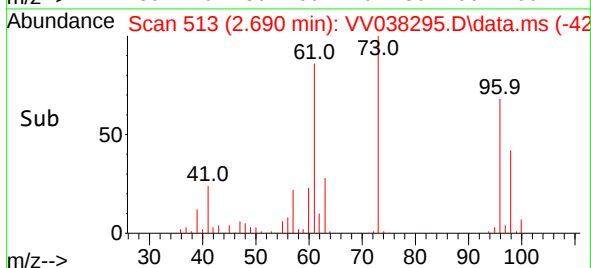
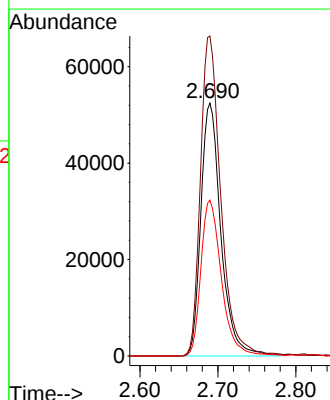
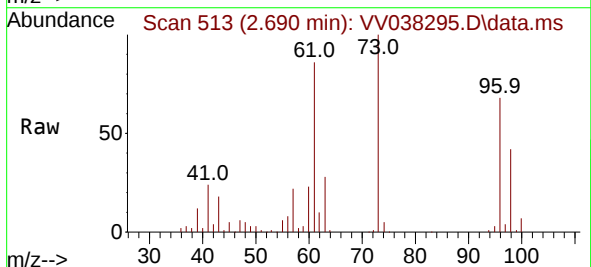
Instrument :
MSVOA_V
ClientSampleId :

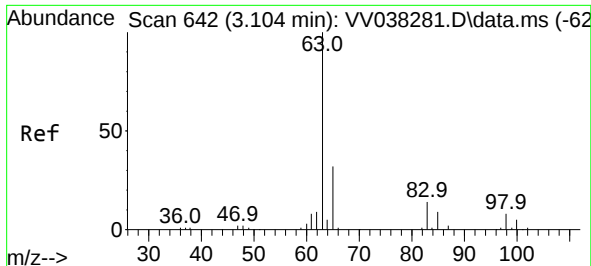
Tgt Ion: 73 Resp: 188772
Ion Ratio Lower Upper
73 100
43 18.5 14.2 21.2
57 22.8 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.188 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

Tgt Ion: 96 Resp: 93675
Ion Ratio Lower Upper
96 100
61 126.6 88.5 164.4
98 61.7 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.372 ug/L

RT: 3.105 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Instrument :

MSVOA_V

ClientSampleId :

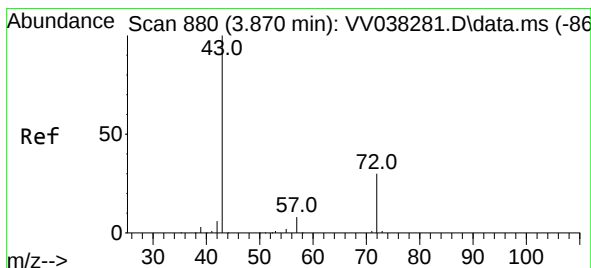
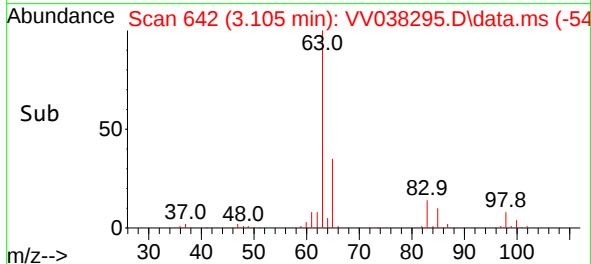
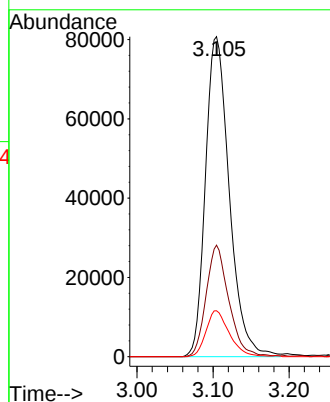
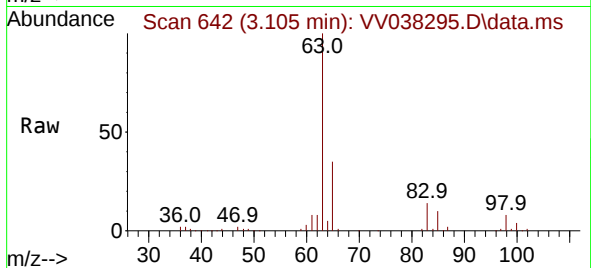
Tgt Ion: 63 Resp: 176091

Ion Ratio Lower Upper

63 100

65 34.8 22.5 41.7

83 14.4 10.1 18.9



#21

2-Butanone

Concen: 49.273 ug/L

RT: 3.870 min Scan# 880

Delta R.T. 0.000 min

Lab File: VV038295.D

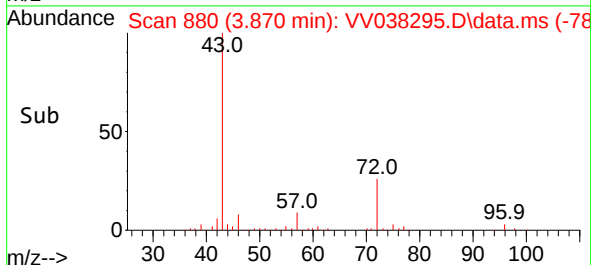
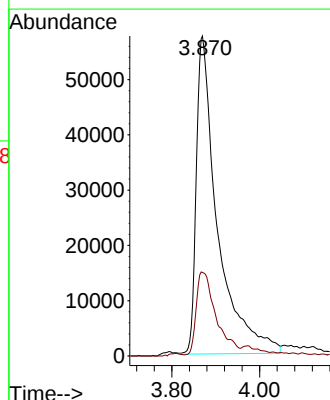
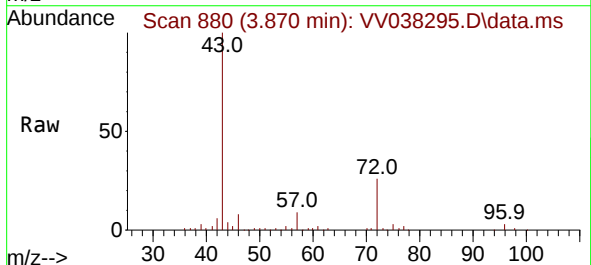
Acq: 23 Nov 2024 02:44

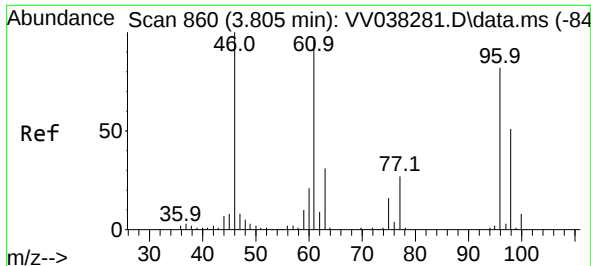
Tgt Ion: 43 Resp: 192454

Ion Ratio Lower Upper

43 100

72 24.3 13.0 39.0





#22

cis-1,2-Dichloroethene

Concen: 5.375 ug/L

RT: 3.806 min Scan# 860

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Instrument :

MSVOA_V

ClientSampleId :

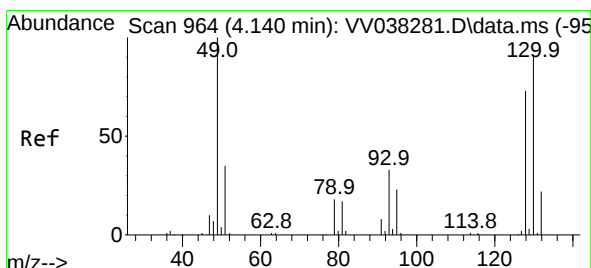
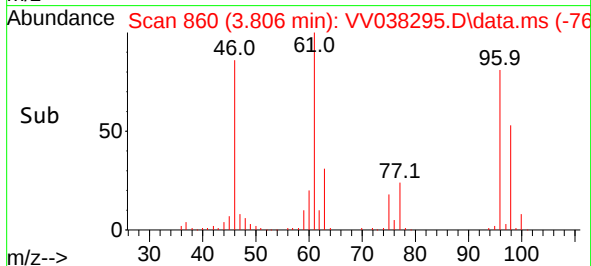
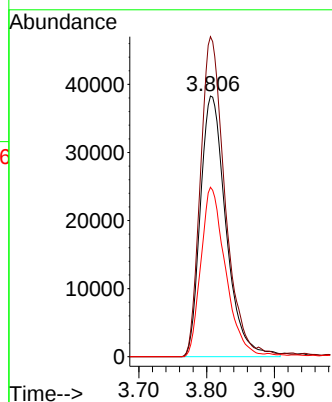
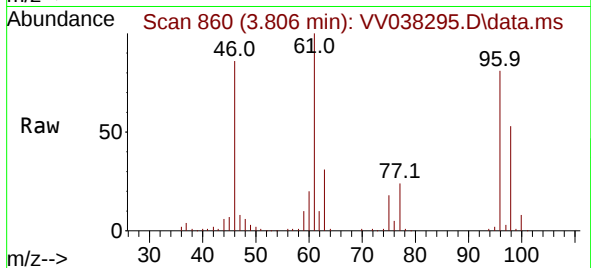
Tgt Ion: 96 Resp: 100362

Ion Ratio Lower Upper

96 100

61 122.8 82.7 153.5

98 65.0 46.3 85.9



#23

Bromochloromethane

Concen: 5.092 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.003 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Tgt Ion: 128 Resp: 46413

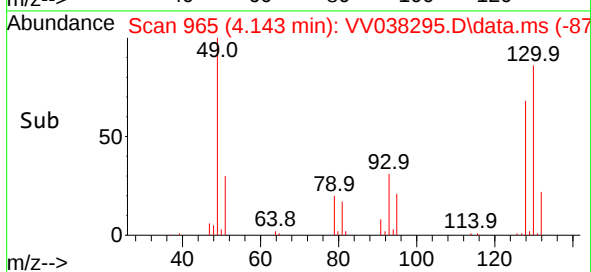
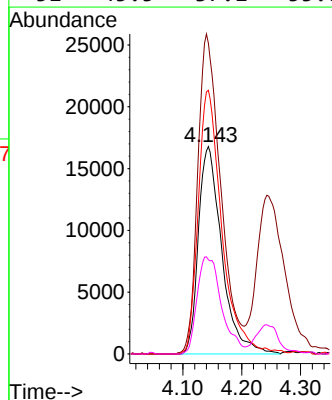
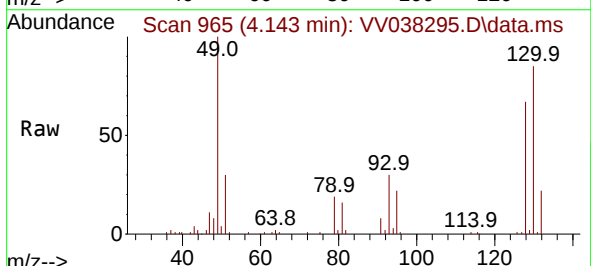
Ion Ratio Lower Upper

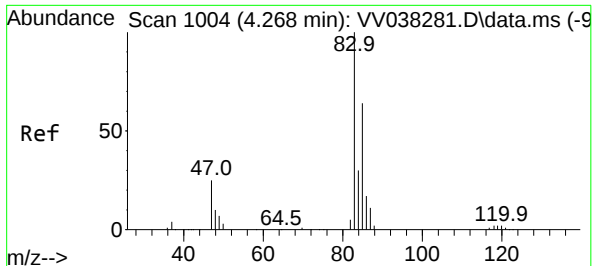
128 100

49 149.9 102.8 190.8

130 127.2 93.6 173.8

51 45.5 37.1 55.7





#25

Chloroform

Concen: 5.328 ug/L

RT: 4.265 min Scan# 1003

Delta R.T. -0.003 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Instrument :

MSVOA_V

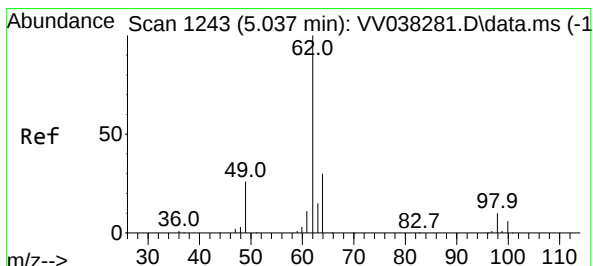
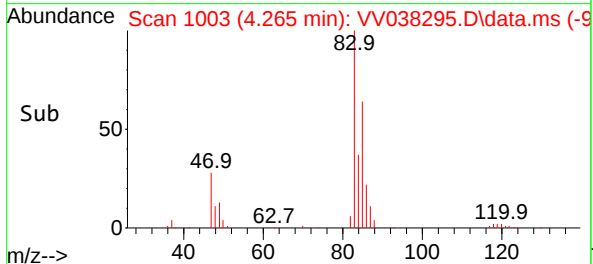
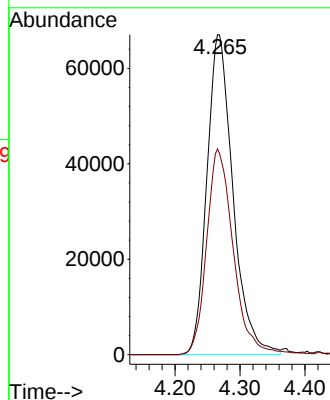
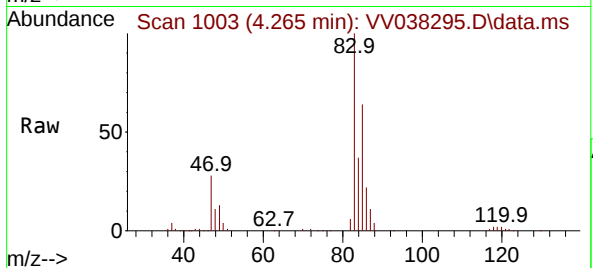
ClientSampleId :

Tgt Ion: 83 Resp: 186831

Ion Ratio Lower Upper

83 100

85 64.3 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.489 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV038295.D

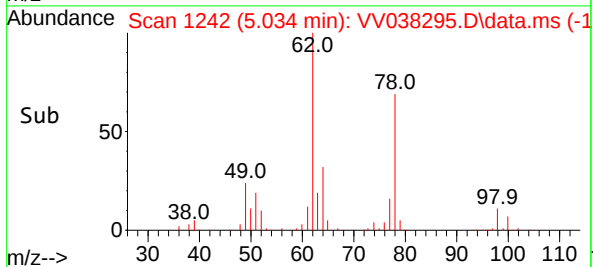
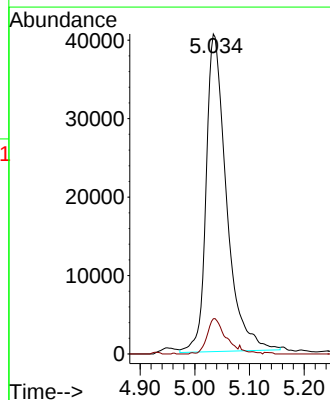
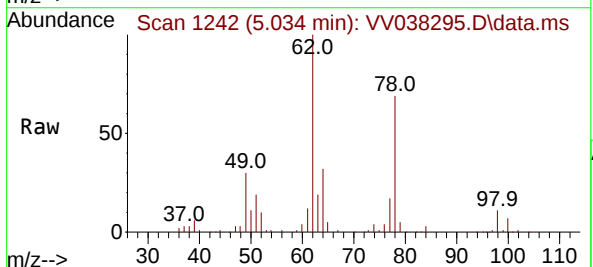
Acq: 23 Nov 2024 02:44

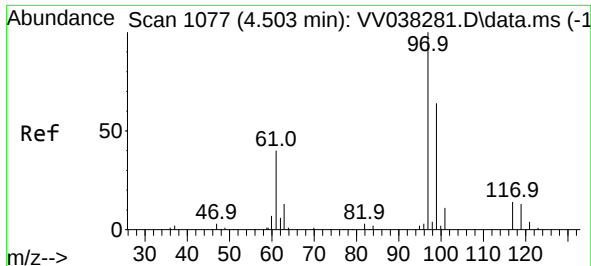
Tgt Ion: 62 Resp: 104732

Ion Ratio Lower Upper

62 100

98 11.0 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.251 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Instrument :

MSVOA_V

ClientSampleId :

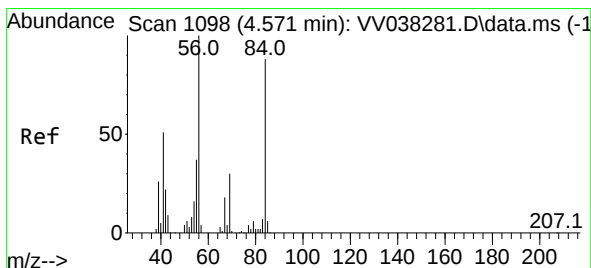
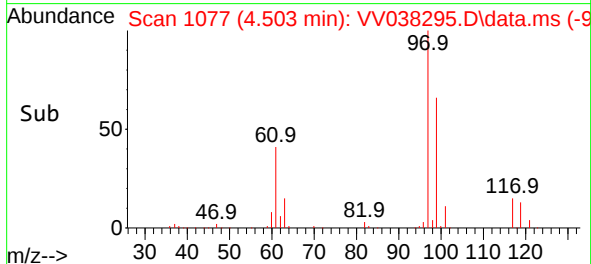
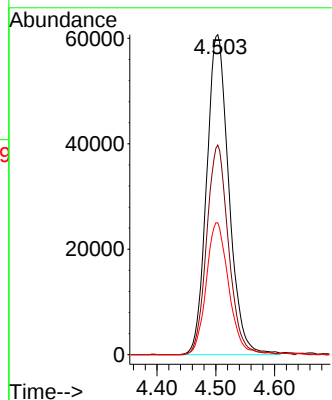
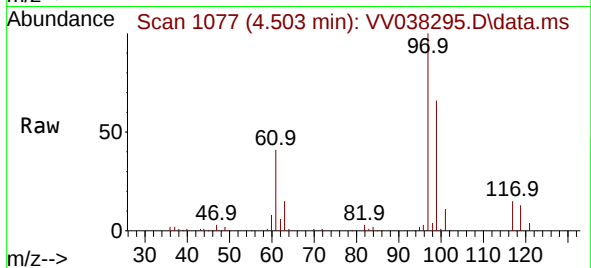
Tgt Ion: 97 Resp: 159590

Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.8

61 41.9 32.2 48.2



#30

Cyclohexane

Concen: 5.017 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

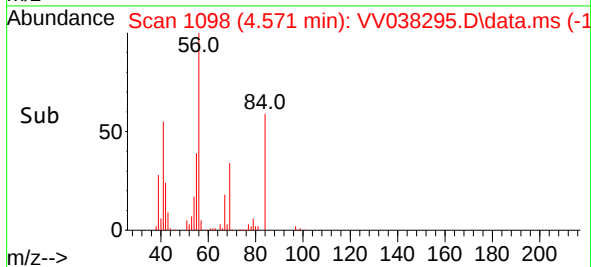
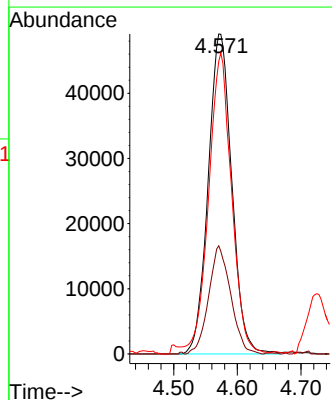
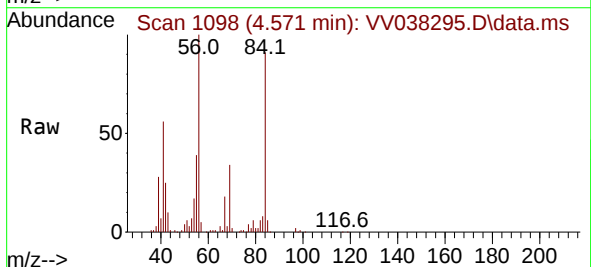
Tgt Ion: 56 Resp: 126480

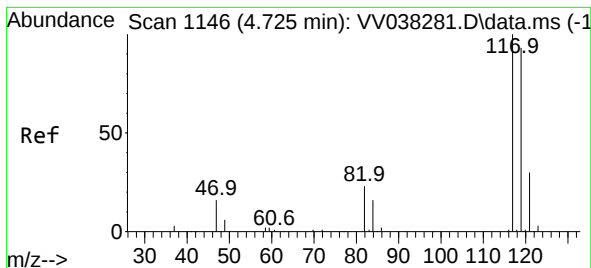
Ion Ratio Lower Upper

56 100

69 31.6 26.0 39.0

84 89.9 75.6 113.4





#31

Carbon tetrachloride

Concen: 5.090 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Instrument :

MSVOA_V

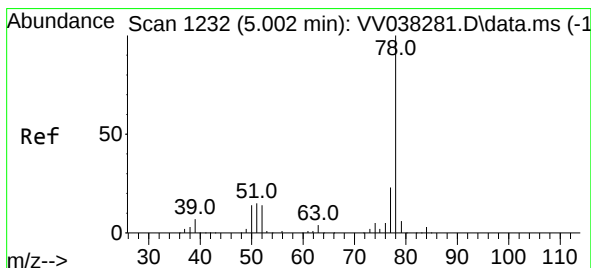
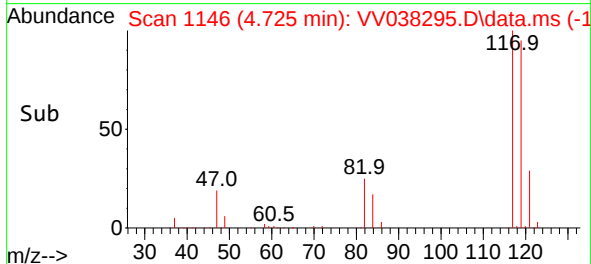
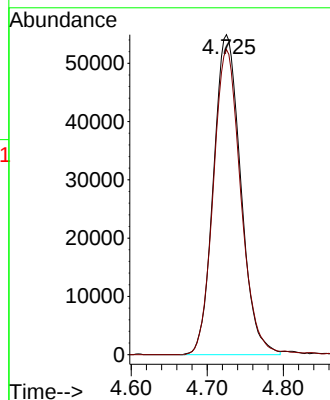
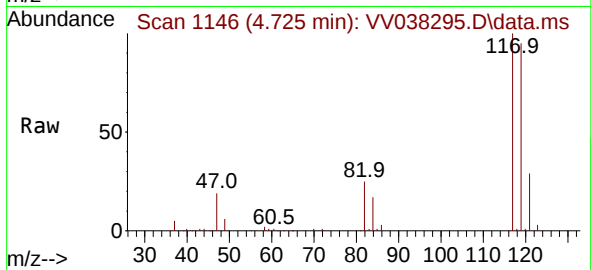
ClientSampleId :

Tgt Ion:117 Resp: 136488

Ion Ratio Lower Upper

117 100

119 95.9 77.4 116.2



#33

Benzene

Concen: 5.377 ug/L

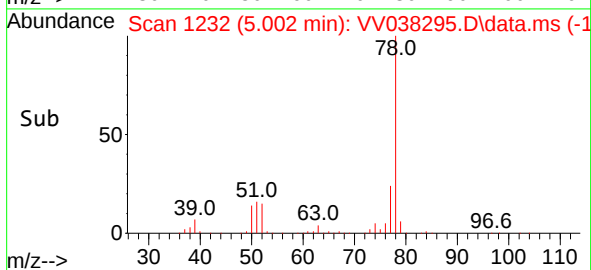
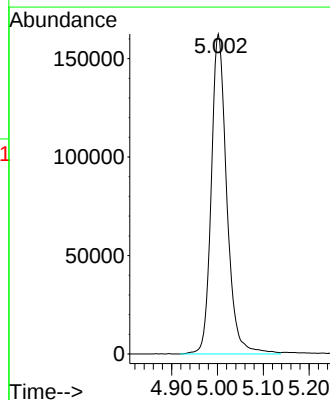
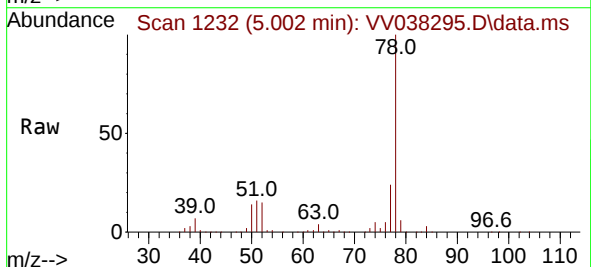
RT: 5.002 min Scan# 1232

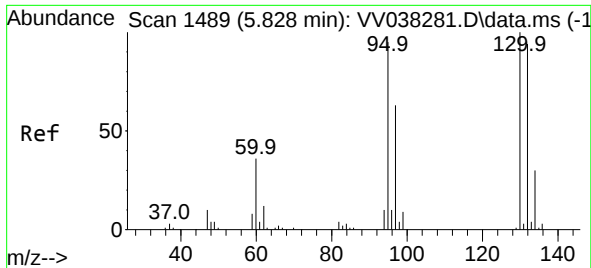
Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Tgt Ion: 78 Resp: 382770

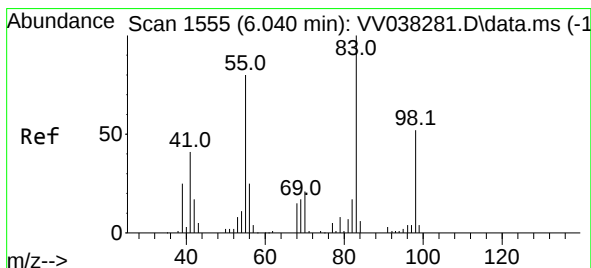
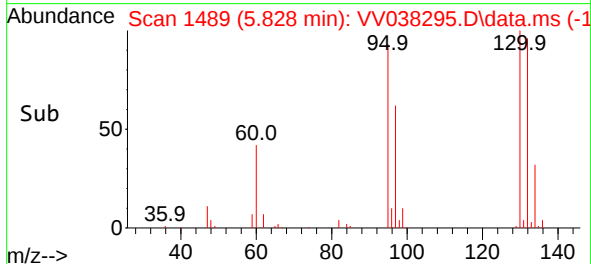
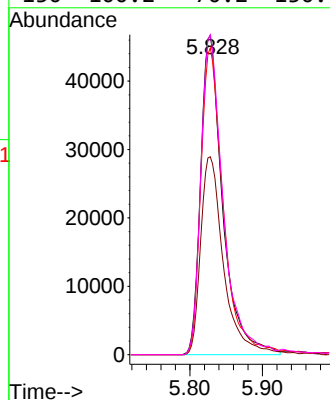
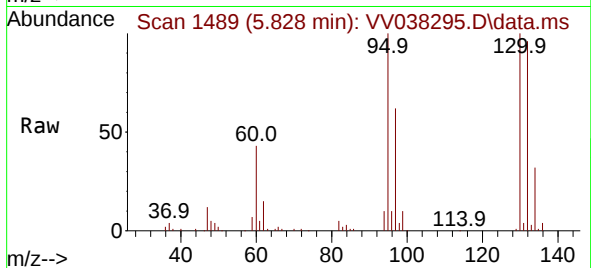




#34
Trichloroethene
Concen: 5.090 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

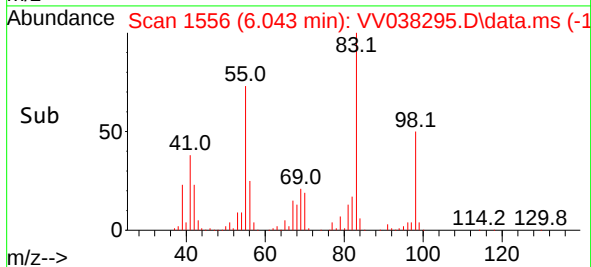
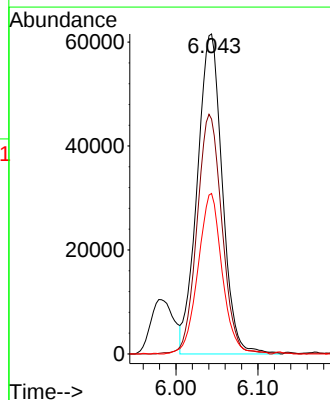
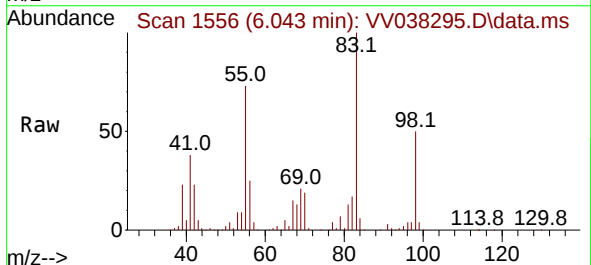
Instrument :
MSVOA_V
ClientSampleId :

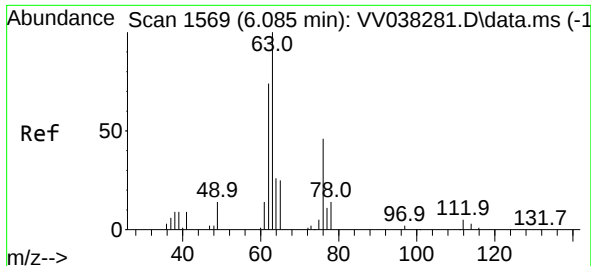
Tgt Ion: 95 Resp: 98776
Ion Ratio Lower Upper
95 100
97 62.0 44.8 83.2
132 96.1 68.3 126.8
130 100.2 70.2 130.4



#35
Methylcyclohexane
Concen: 4.752 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

Tgt Ion: 83 Resp: 130454
Ion Ratio Lower Upper
83 100
55 74.6 59.7 89.5
98 48.5 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.316 ug/L

RT: 6.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Instrument :

MSVOA_V

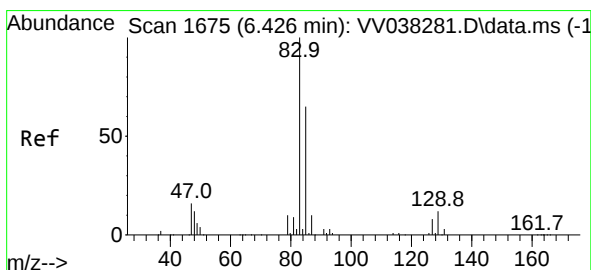
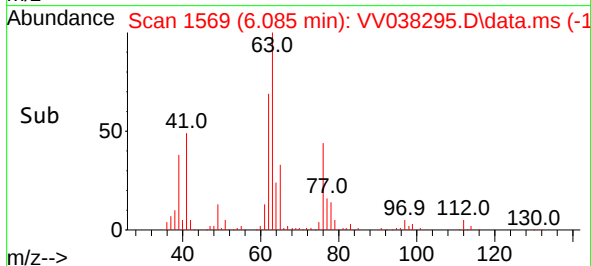
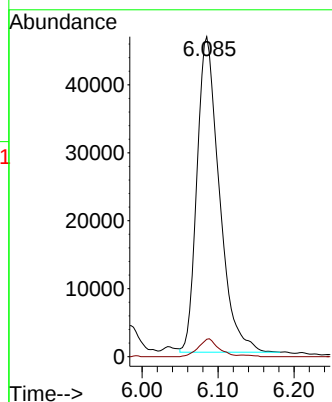
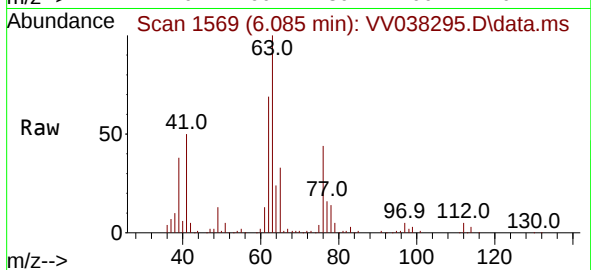
ClientSampleId :

Tgt Ion: 63 Resp: 94782

Ion Ratio Lower Upper

63 100

112 5.1 3.9 5.9



#38

Bromodichloromethane

Concen: 5.259 ug/L

RT: 6.426 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

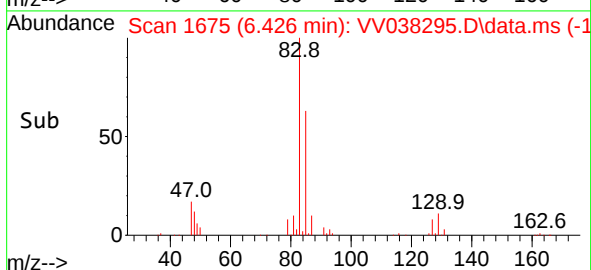
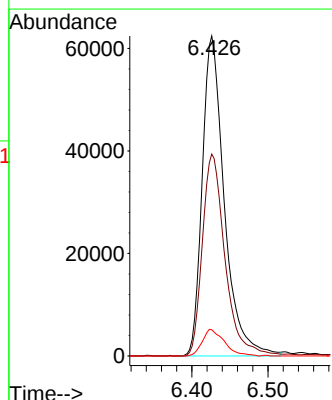
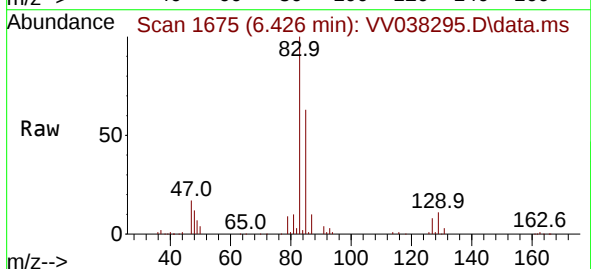
Tgt Ion: 83 Resp: 126045

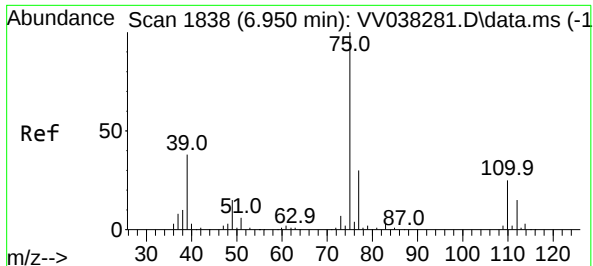
Ion Ratio Lower Upper

83 100

85 63.1 43.9 81.5

127 8.2 6.7 10.1

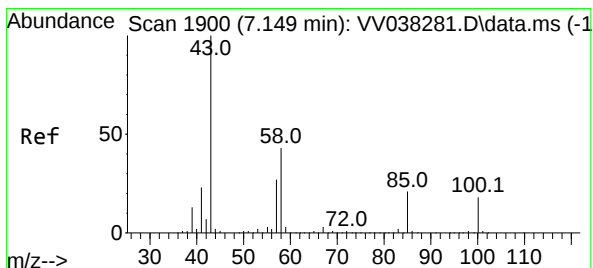
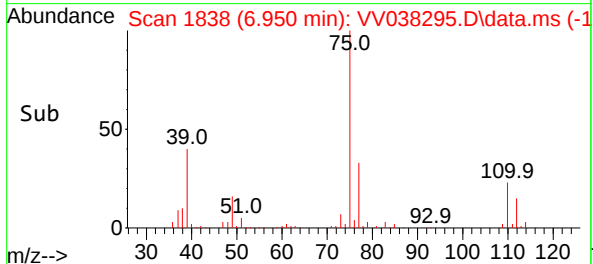
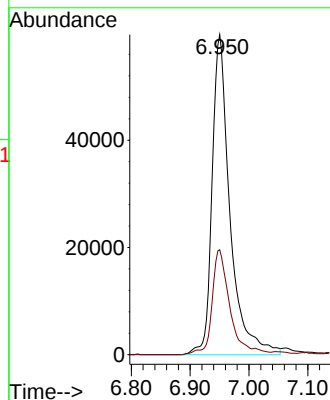
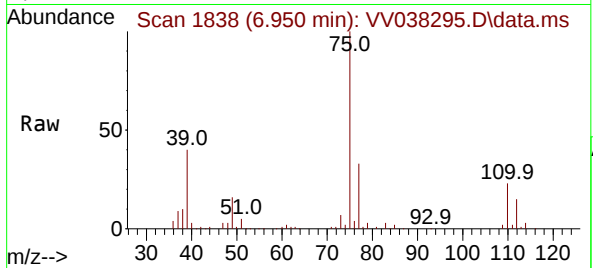




#39
 cis-1,3-Dichloropropene
 Concen: 5.063 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV038295.D
 Acq: 23 Nov 2024 02:44

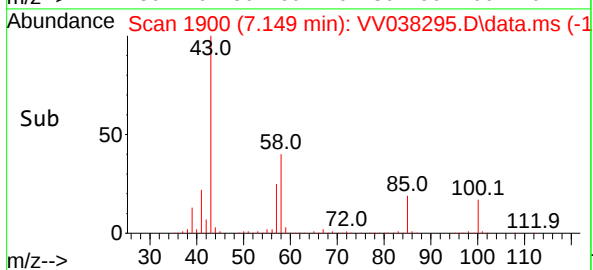
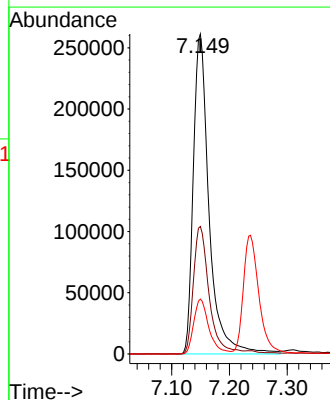
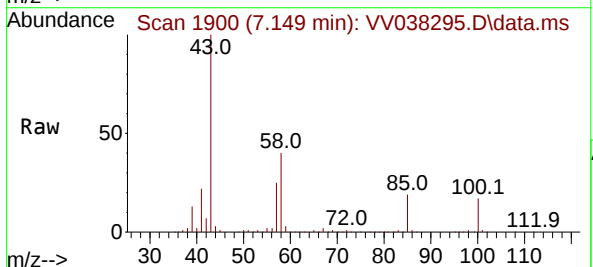
Instrument :
 MSVOA_V
 ClientSampleId :

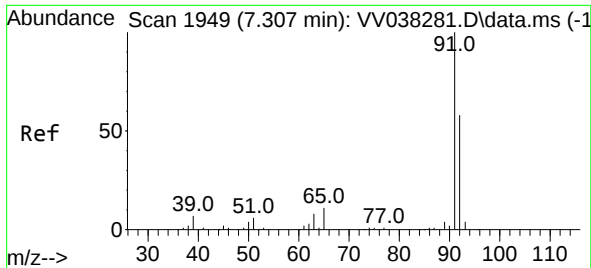
Tgt Ion: 75 Resp: 126008
 Ion Ratio Lower Upper
 75 100
 77 32.8 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 53.106 ug/L
 RT: 7.149 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VV038295.D
 Acq: 23 Nov 2024 02:44

Tgt Ion: 43 Resp: 495592
 Ion Ratio Lower Upper
 43 100
 58 39.5 33.4 50.2
 100 16.5 14.3 21.5





#42

Toluene

Concen: 5.371 ug/L

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Instrument :

MSVOA_V

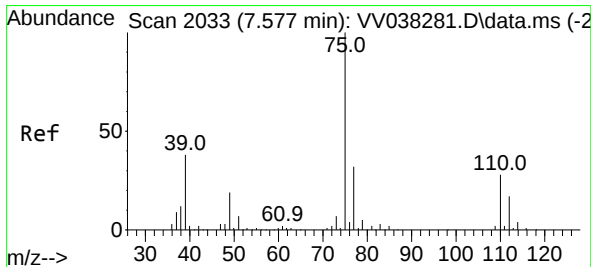
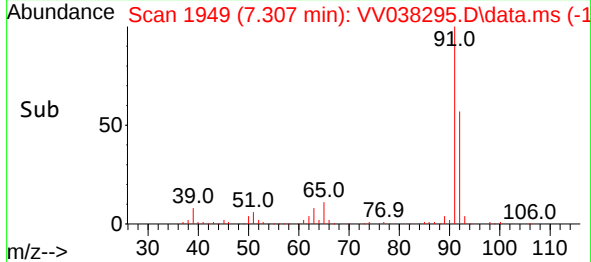
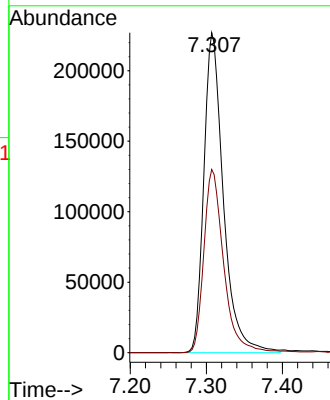
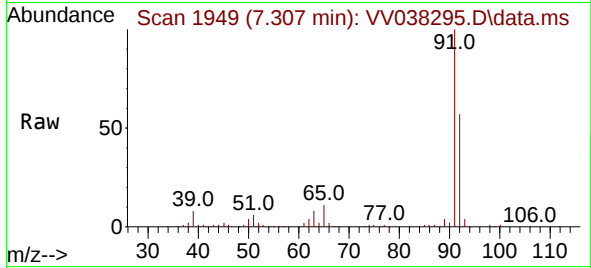
ClientSampleId :

Tgt Ion: 91 Resp: 404900

Ion Ratio Lower Upper

91 100

92 57.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.055 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV038295.D

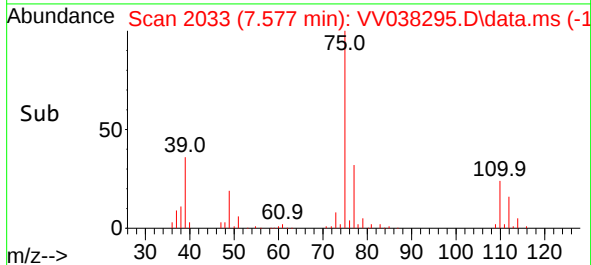
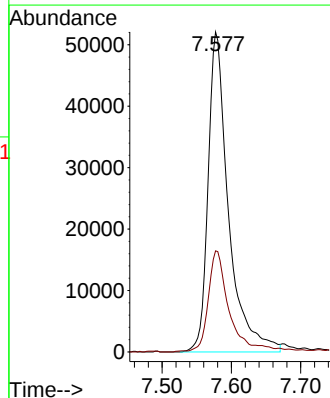
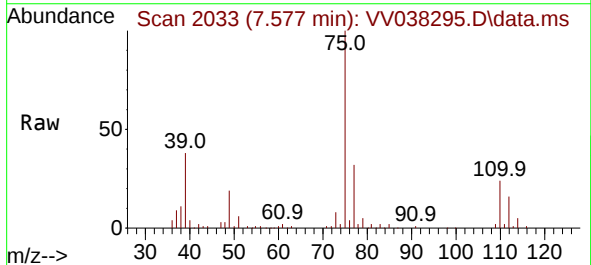
Acq: 23 Nov 2024 02:44

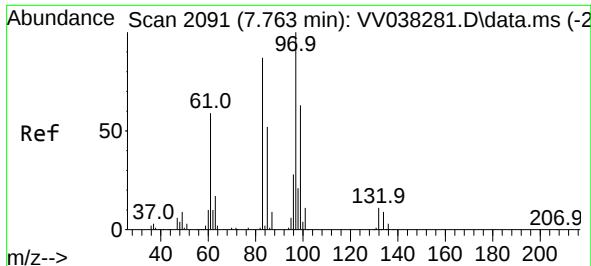
Tgt Ion: 75 Resp: 106280

Ion Ratio Lower Upper

75 100

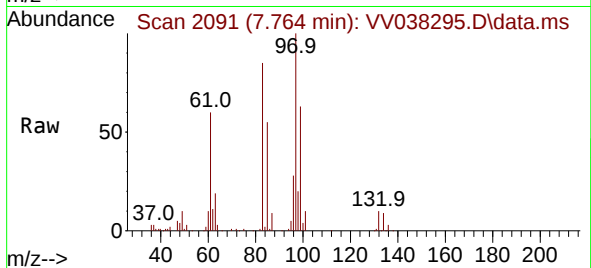
77 31.6 23.4 43.4



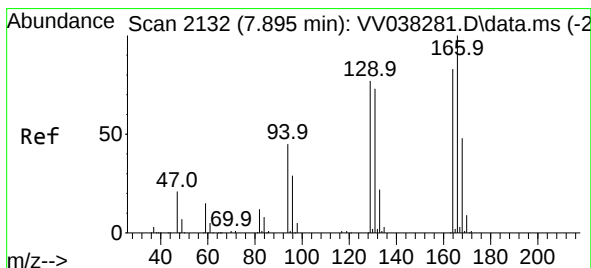
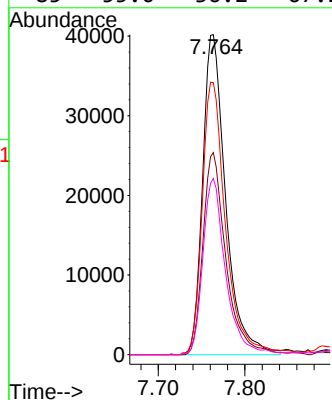
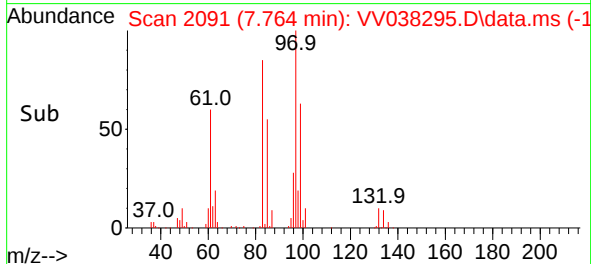


#45
1,1,2-Trichloroethane
Concen: 5.130 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

Instrument :
MSVOA_V
ClientSampleId :

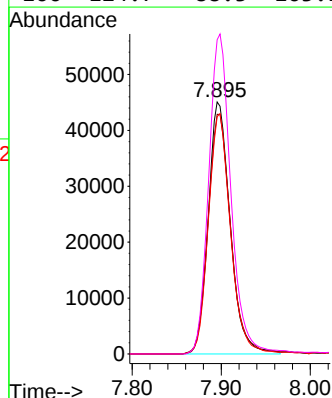
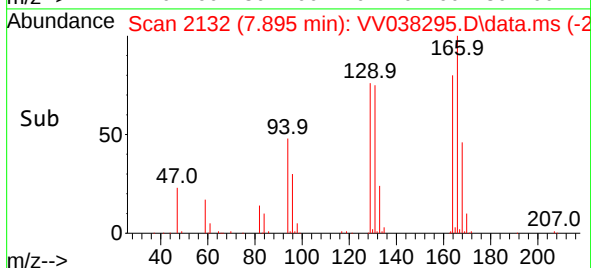
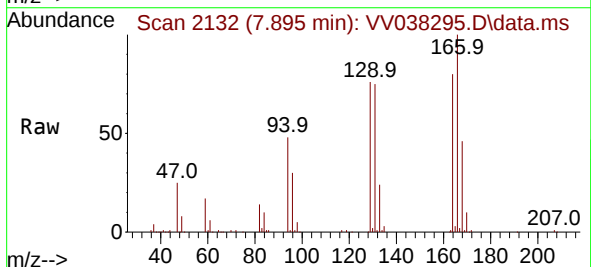


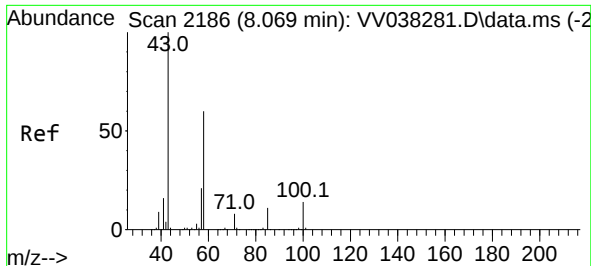
Tgt Ion:	97	Resp:	74175
Ion	Ratio	Lower	Upper
97	100		
99	63.1	41.9	77.7
83	85.1	57.7	107.1
85	55.0	36.2	67.2



#47
Tetrachloroethene
Concen: 4.946 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

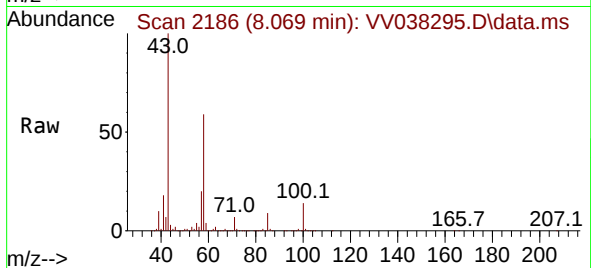
Tgt Ion:	164	Resp:	77123
Ion	Ratio	Lower	Upper
164	100		
129	95.2	68.5	127.1
131	94.2	64.8	120.4
166	124.7	88.3	163.9



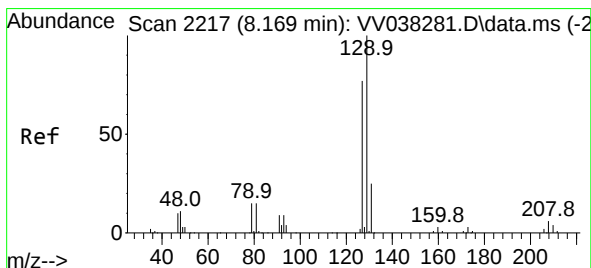
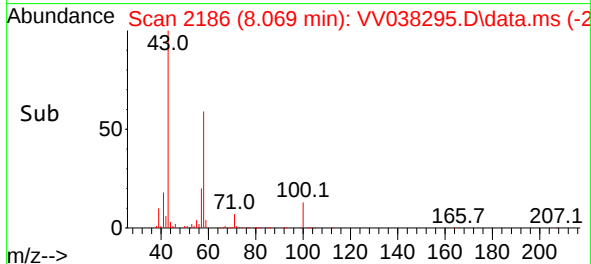
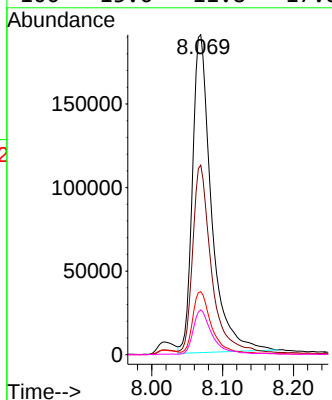


#48
2-Hexanone
Concen: 52.295 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

Instrument :
MSVOA_V
ClientSampleId :

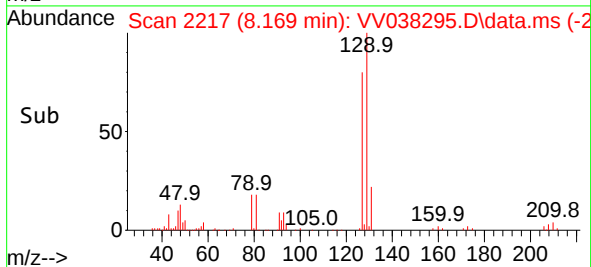
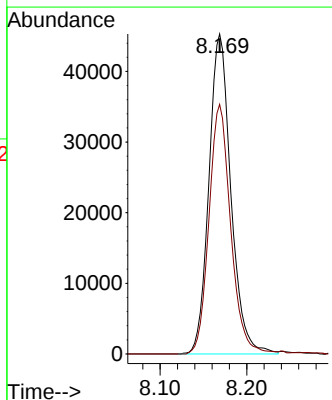
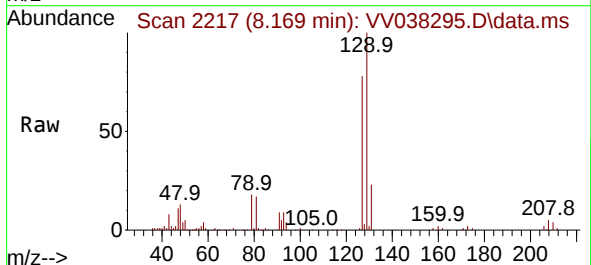


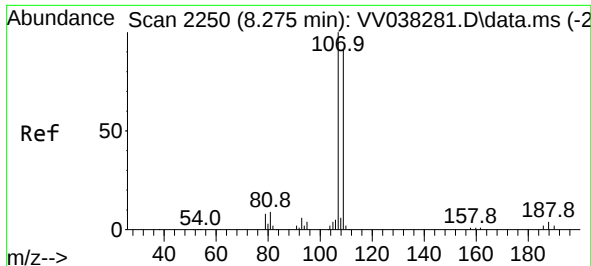
Tgt Ion:	43	Resp:	353898
Ion	Ratio	Lower	Upper
43	100		
58	58.9	49.2	73.8
57	19.9	16.9	25.3
100	13.6	11.8	17.8



#49
Dibromochloromethane
Concen: 5.068 ug/L
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

Tgt Ion:	129	Resp:	79903
Ion	Ratio	Lower	Upper
129	100		
127	78.0	53.5	99.3

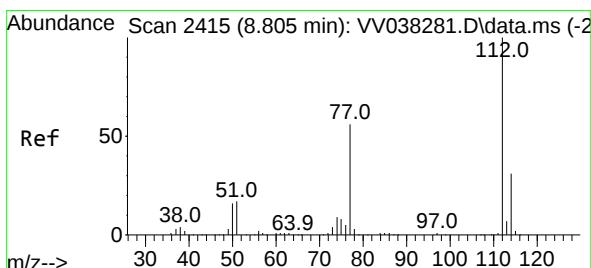
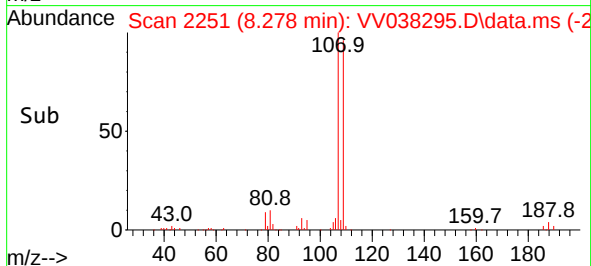
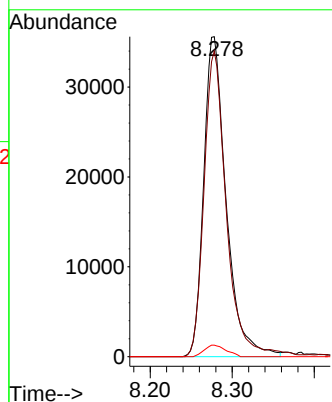
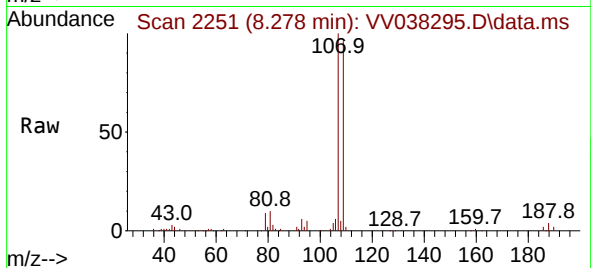




#50
1,2-Dibromoethane
Concen: 5.047 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

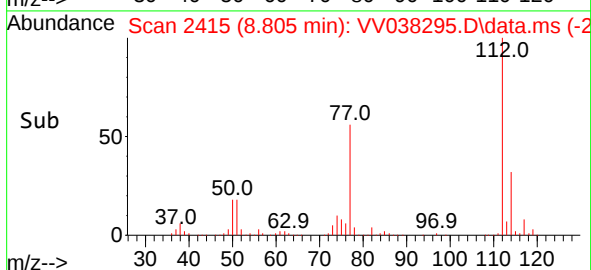
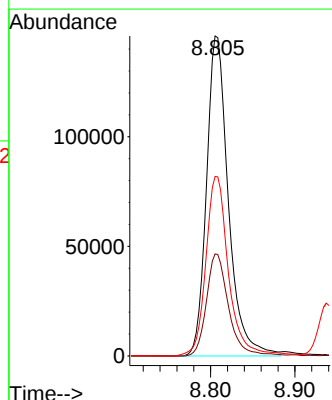
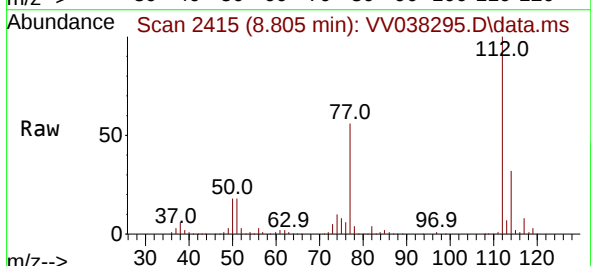
Instrument :
MSVOA_V
ClientSampleId :

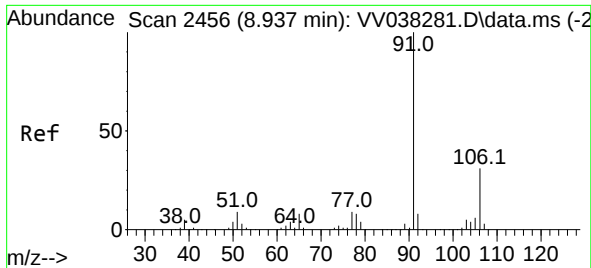
Tgt Ion:107 Resp: 67660
Ion Ratio Lower Upper
107 100
109 95.5 66.1 122.7
188 3.6 2.6 3.8



#51
Chlorobenzene
Concen: 5.081 ug/L
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

Tgt Ion:112 Resp: 263893
Ion Ratio Lower Upper
112 100
114 31.9 22.0 40.8
77 56.1 45.0 67.4

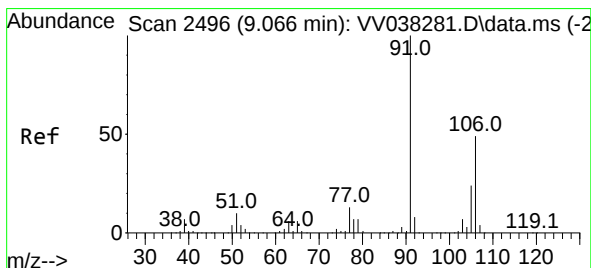
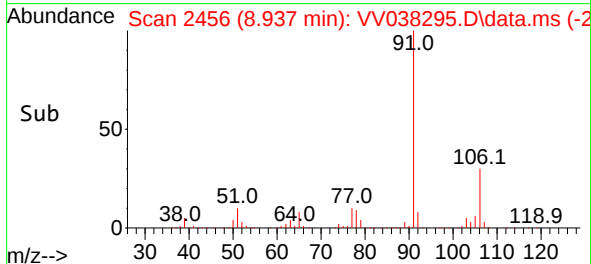
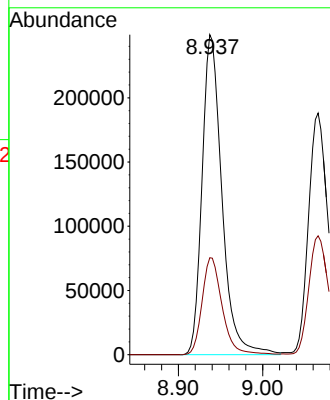
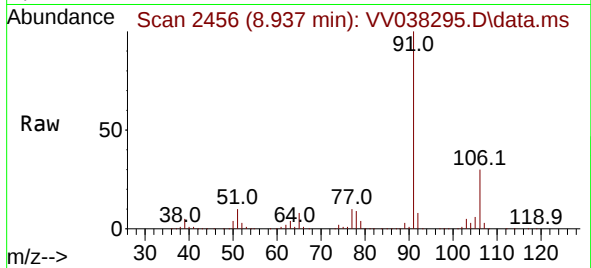




#52
Ethylbenzene
Concen: 5.112 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

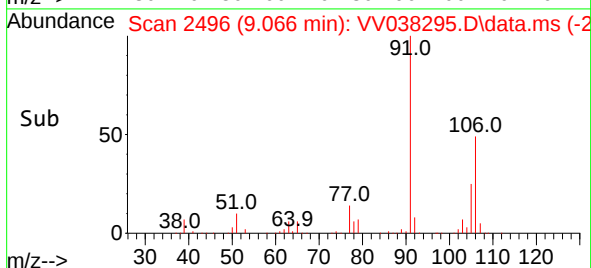
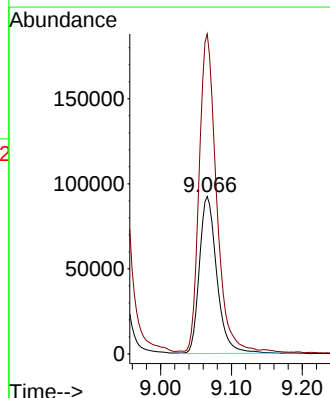
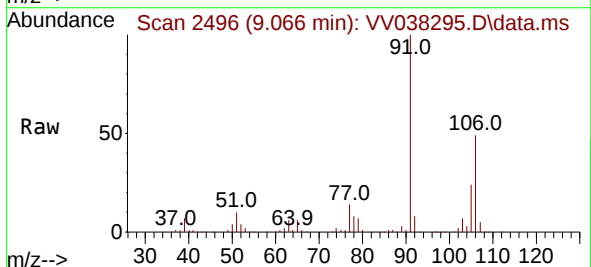
Instrument :
MSVOA_V
ClientSampleId :

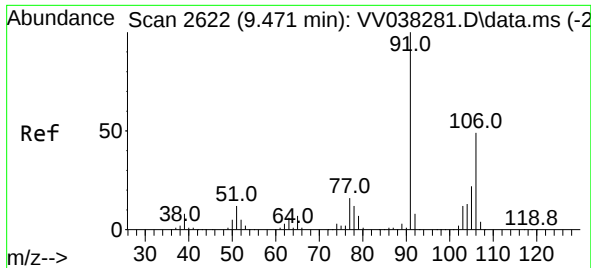
Tgt Ion: 91 Resp: 408806
Ion Ratio Lower Upper
91 100
106 30.3 21.8 40.4



#53
m,p-Xylene
Concen: 5.235 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

Tgt Ion: 106 Resp: 158001
Ion Ratio Lower Upper
106 100
91 203.2 138.7 257.5

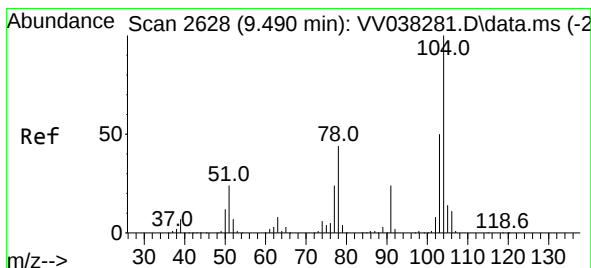
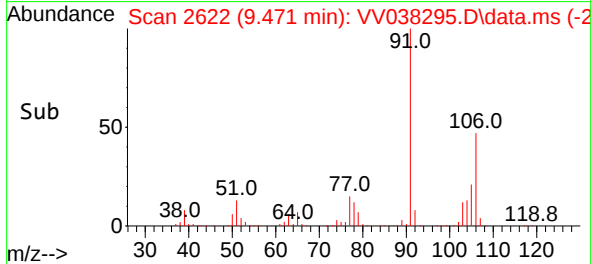
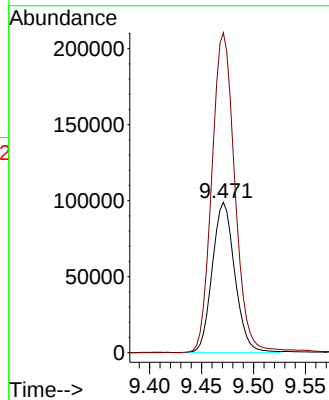
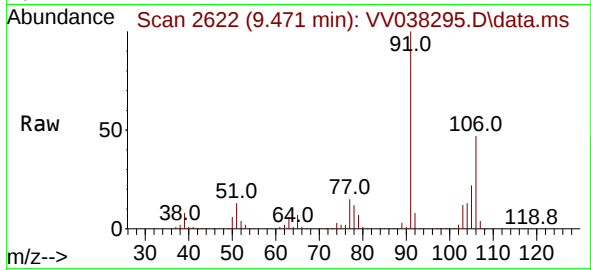




#54
o-Xylene
Concen: 5.094 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

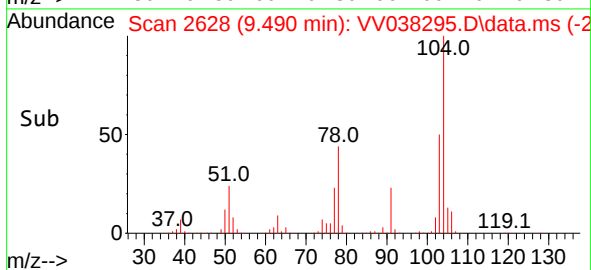
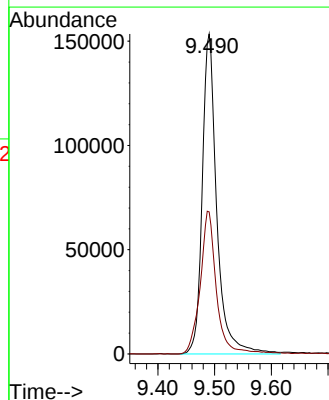
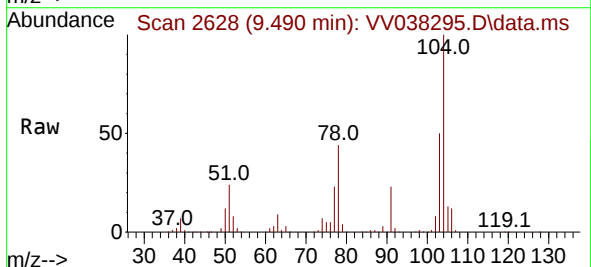
Instrument :
MSVOA_V
ClientSampleId :

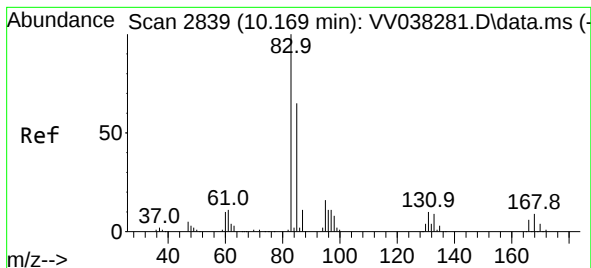
Tgt Ion:106 Resp: 149659
Ion Ratio Lower Upper
106 100
91 213.1 155.5 288.7



#55
Styrene
Concen: 5.280 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

Tgt Ion:104 Resp: 273451
Ion Ratio Lower Upper
104 100
78 44.4 29.7 55.1

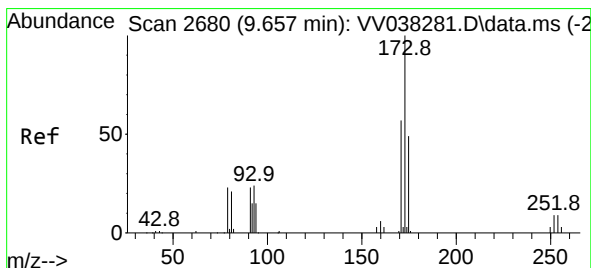
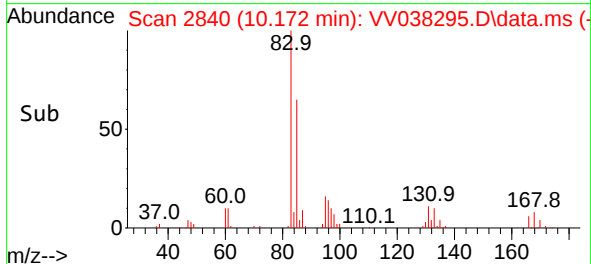
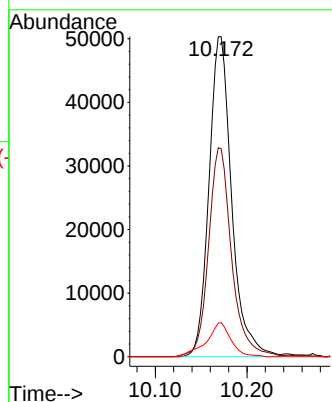
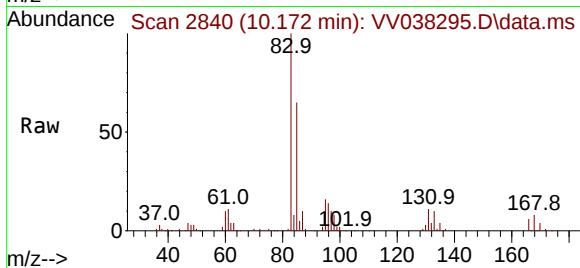




#57
1,1,2,2-Tetrachloroethane
Concen: 5.113 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

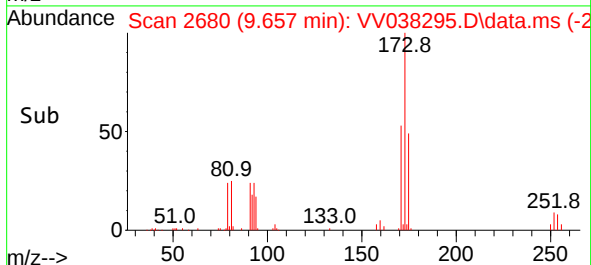
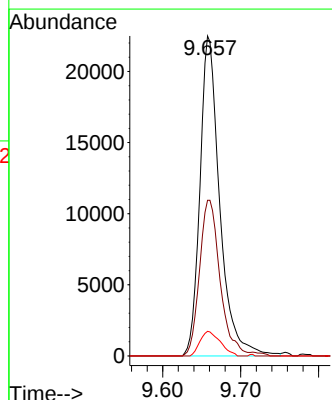
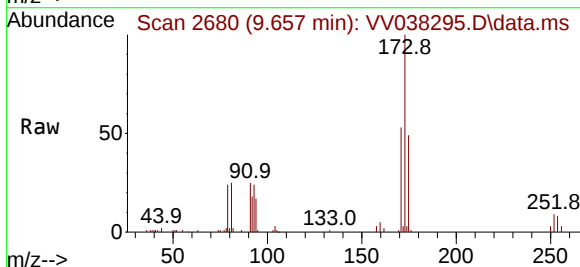
Instrument :
MSVOA_V
ClientSampleId :

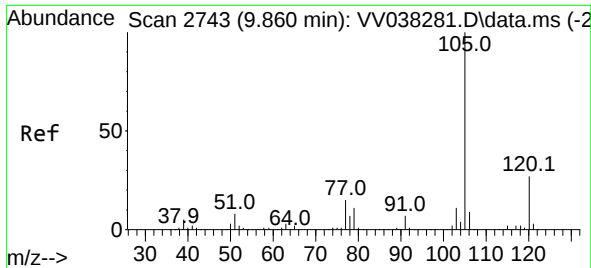
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	45.7	84.9
131	10.7	8.2	12.4



#59
Bromoform
Concen: 4.992 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.9	38.5	57.7
254	7.9	6.9	10.3

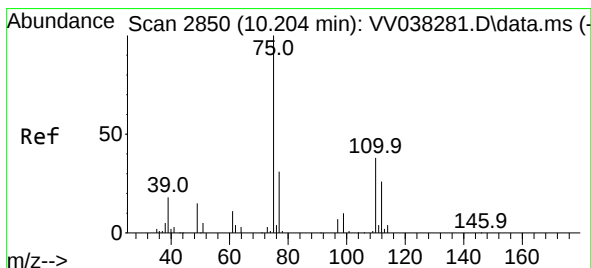
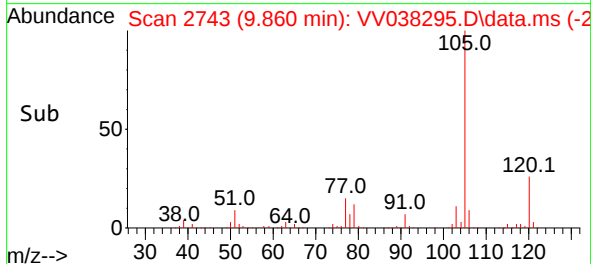
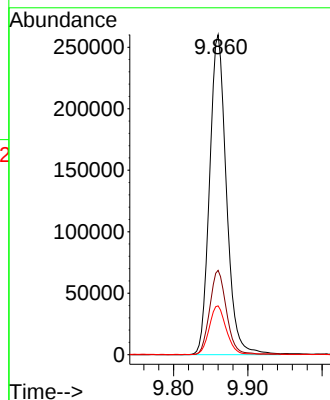
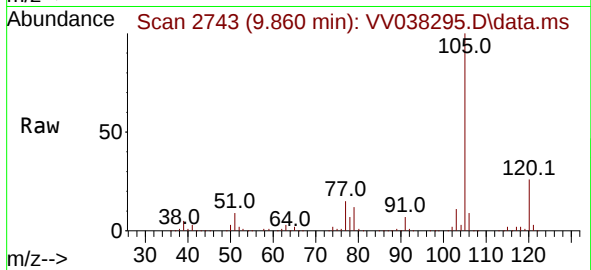




#60
Isopropylbenzene
Concen: 5.194 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

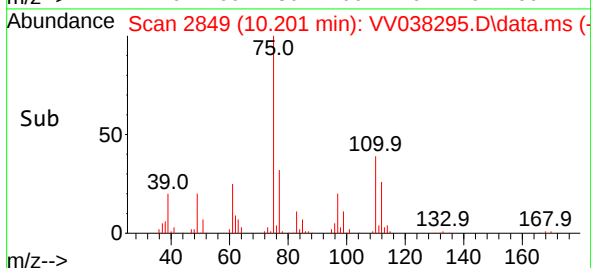
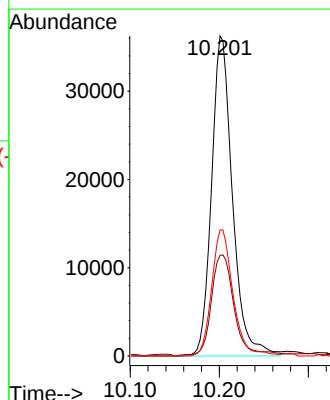
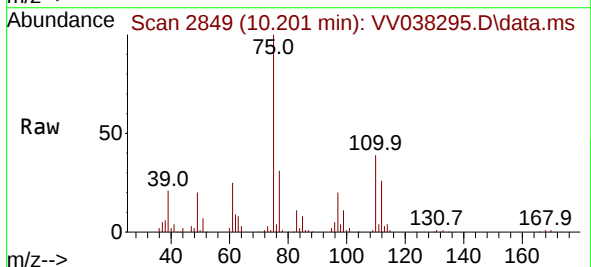
Instrument :
MSVOA_V
ClientSampleId :

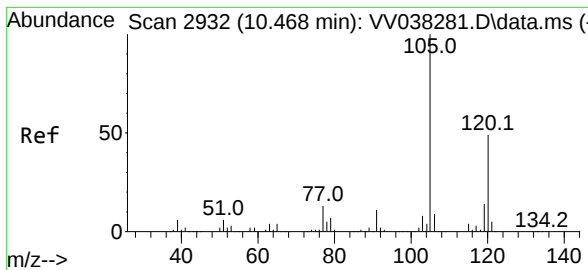
Tgt Ion:105 Resp: 408829
Ion Ratio Lower Upper
105 100
120 26.5 20.8 31.2
77 15.3 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.051 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.003 min
Lab File: VV038295.D
Acq: 23 Nov 2024 02:44

Tgt Ion: 75 Resp: 59094
Ion Ratio Lower Upper
75 100
77 34.9 26.4 39.6
110 40.1 32.3 48.5

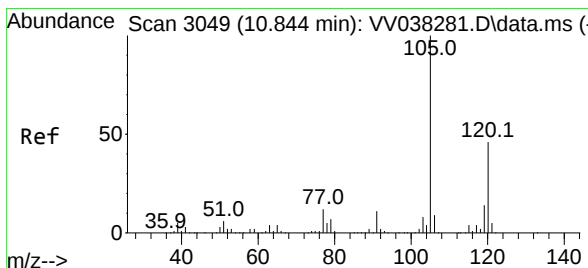
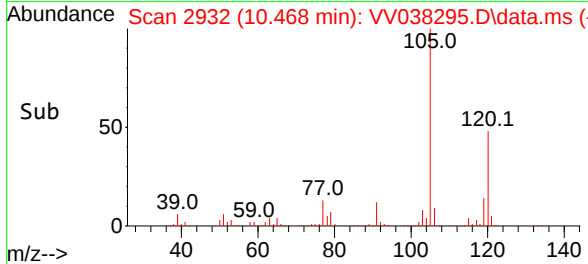
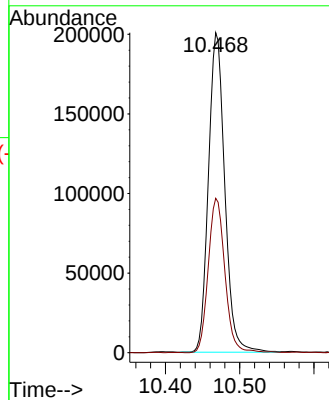
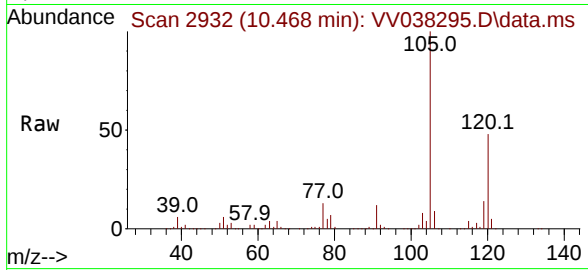




#62
 1,3,5-Trimethylbenzene
 Concen: 4.892 ug/L
 RT: 10.468 min Scan# 2932
 Delta R.T. 0.000 min
 Lab File: VV038295.D
 Acq: 23 Nov 2024 02:44

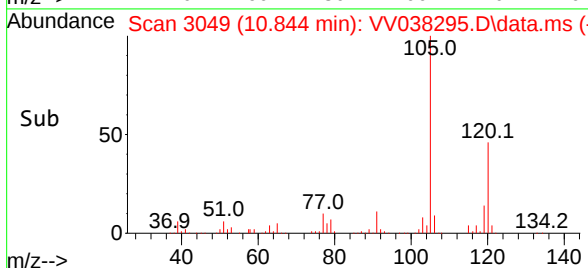
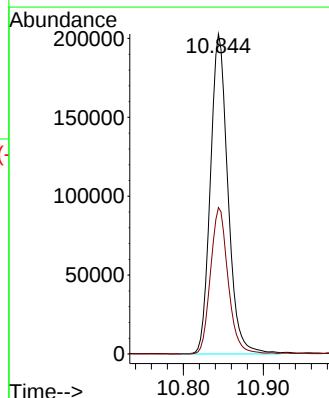
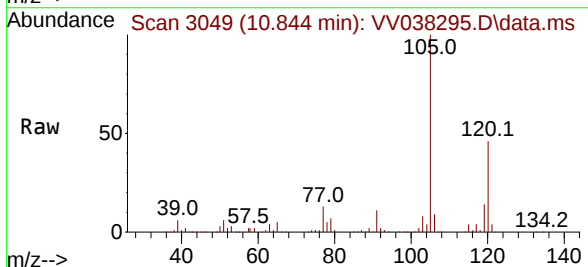
Instrument :
 MSVOA_V
 ClientSampleId :

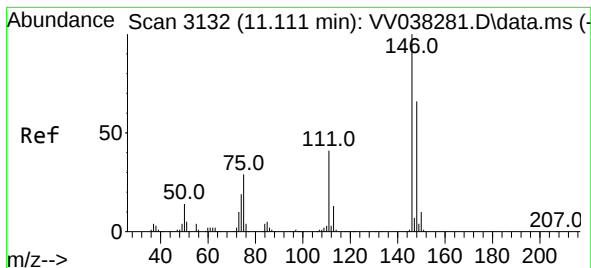
Tgt Ion:105 Resp: 305554
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.2 58.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.965 ug/L
 RT: 10.844 min Scan# 3049
 Delta R.T. 0.000 min
 Lab File: VV038295.D
 Acq: 23 Nov 2024 02:44

Tgt Ion:105 Resp: 309260
 Ion Ratio Lower Upper
 105 100
 120 45.8 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 5.021 ug/L

RT: 11.111 min Scan# 3132

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Instrument :

MSVOA_V

ClientSampleId :

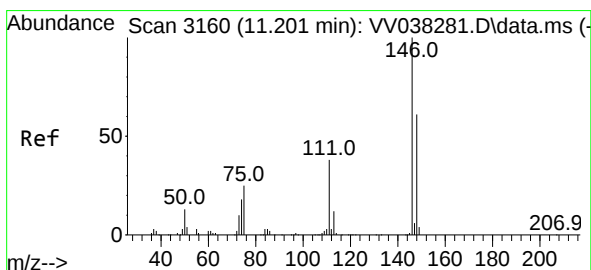
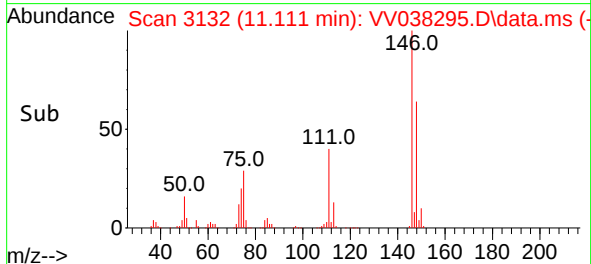
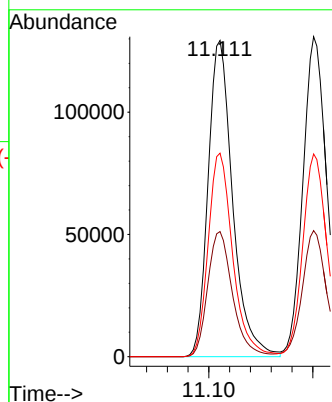
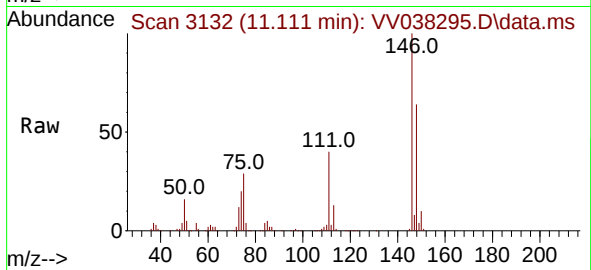
Tgt Ion:146 Resp: 212183

Ion Ratio Lower Upper

146 100

111 39.6 28.2 52.4

148 64.4 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 4.971 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

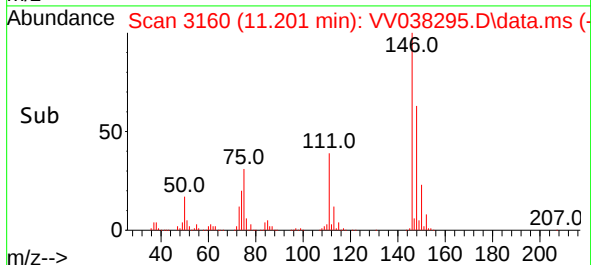
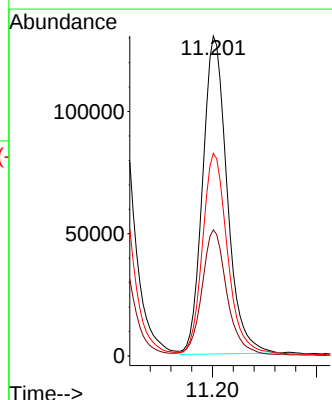
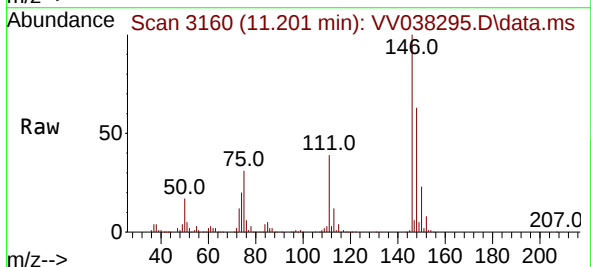
Tgt Ion:146 Resp: 212386

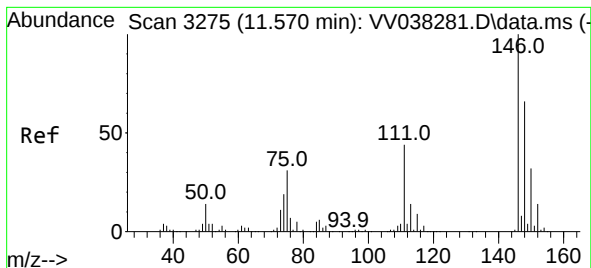
Ion Ratio Lower Upper

146 100

111 39.4 27.4 50.8

148 63.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 5.017 ug/L

RT: 11.570 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Instrument :

MSVOA_V

ClientSampleId :

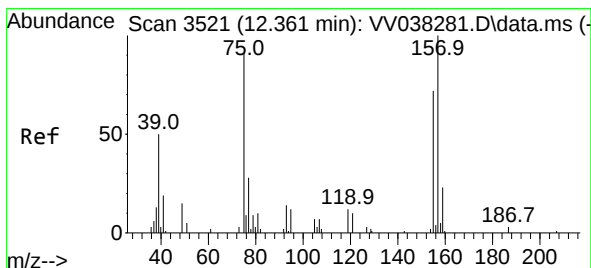
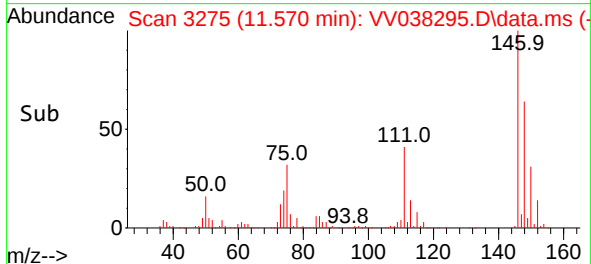
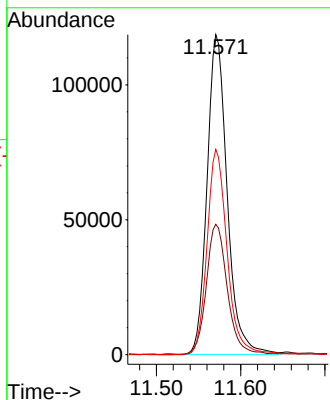
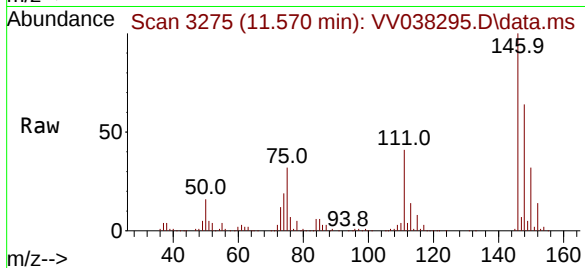
Tgt Ion:146 Resp: 196269

Ion Ratio Lower Upper

146 100

111 40.8 34.2 51.2

148 64.1 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.795 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. -0.003 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

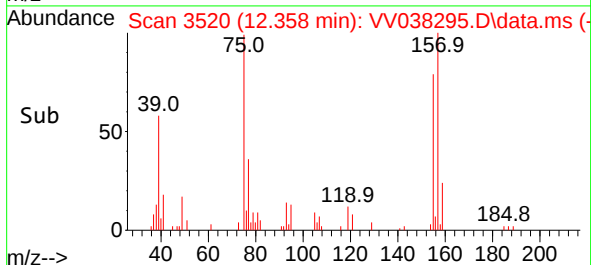
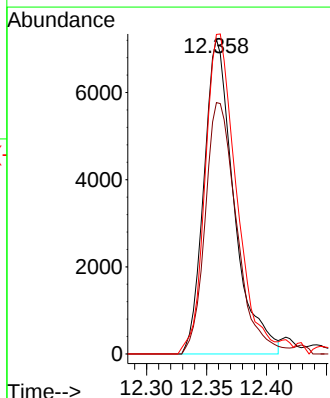
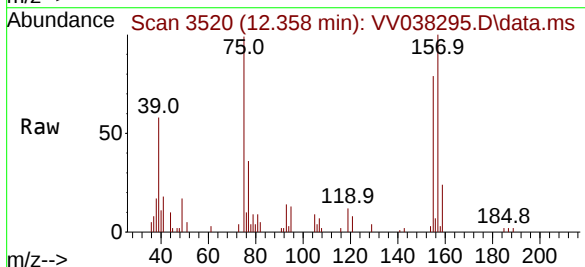
Tgt Ion: 75 Resp: 12592

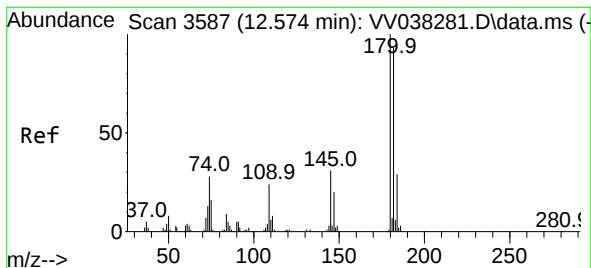
Ion Ratio Lower Upper

75 100

155 79.9 67.5 101.3

157 101.5 82.7 124.1





#69

1,3,5-Trichlorobenzene

Concen: 4.613 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 138120

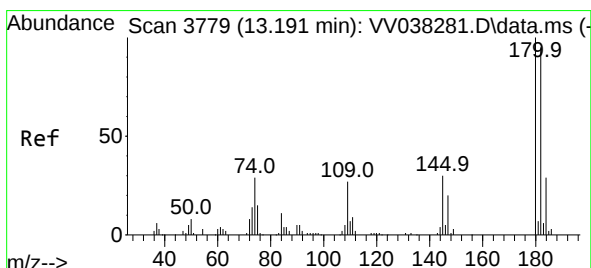
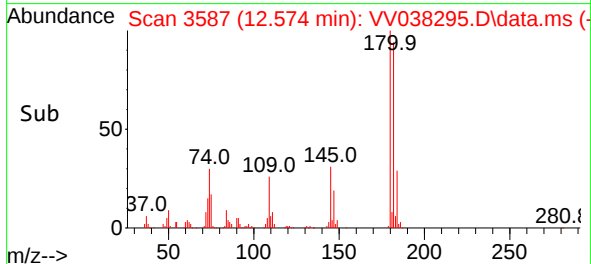
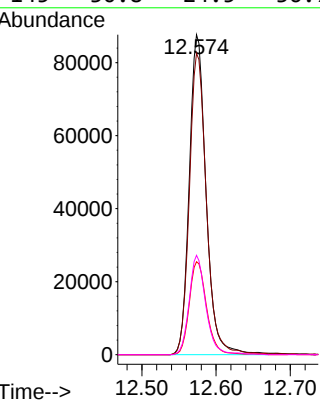
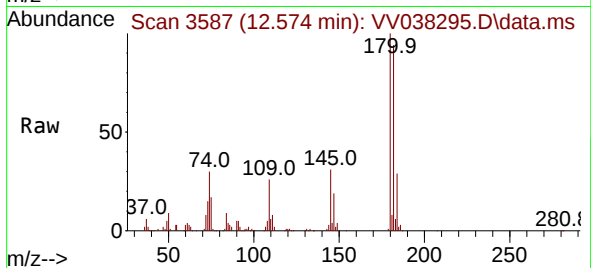
Ion Ratio Lower Upper

180 100

182 95.4 76.0 114.0

184 29.8 23.7 35.5

145 30.8 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.481 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

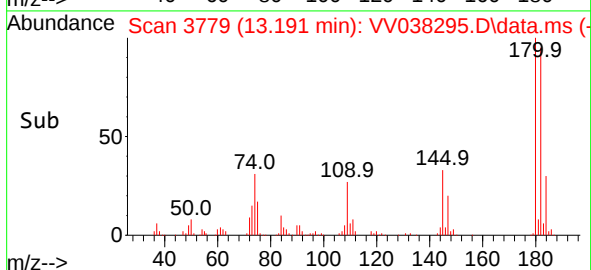
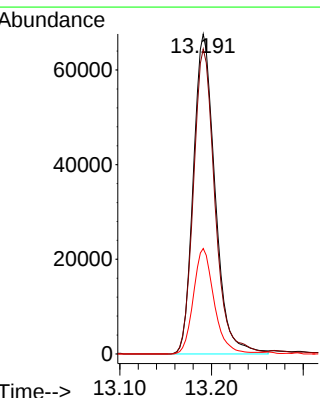
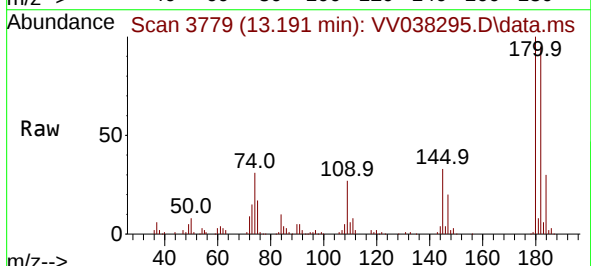
Tgt Ion:180 Resp: 110900

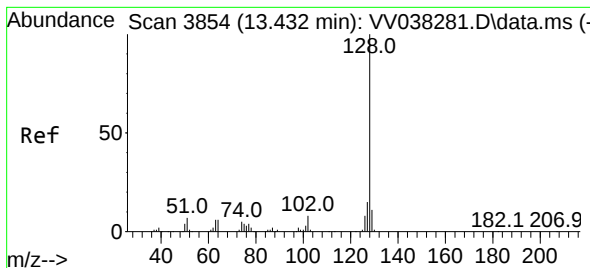
Ion Ratio Lower Upper

180 100

182 94.6 73.8 110.8

145 31.6 24.6 37.0





#71

Naphthalene

Concen: 4.005 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Instrument :

MSVOA_V

ClientSampleId :

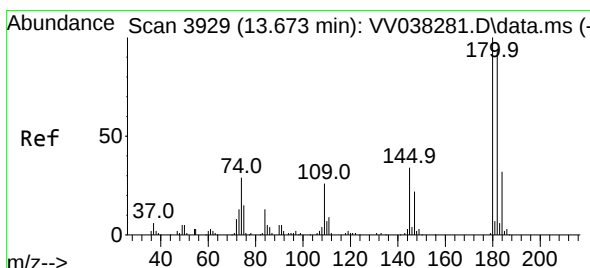
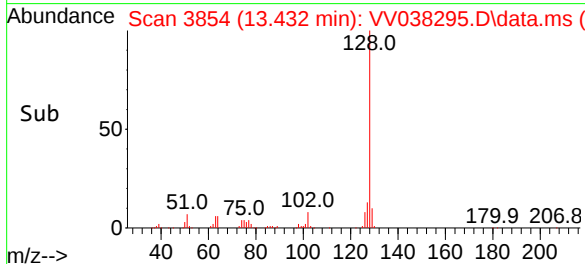
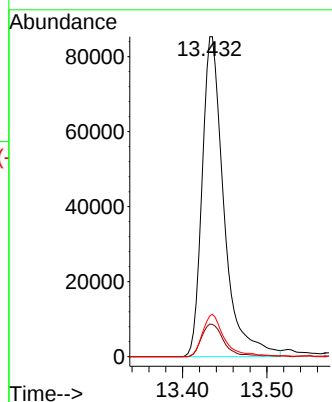
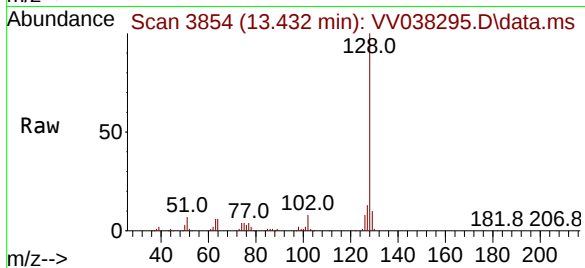
Tgt Ion:128 Resp: 154195

Ion Ratio Lower Upper

128 100

129 10.3 8.5 12.7

127 13.0 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 4.455 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV038295.D

Acq: 23 Nov 2024 02:44

Tgt Ion:180 Resp: 101861

Ion Ratio Lower Upper

180 100

182 96.7 75.1 112.7

145 33.4 27.0 40.4

