

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022324\
 Data File : VW034361.D
 Acq On : 23 Feb 2024 08:48
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 00:37:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	79038	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	73067	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33559	5.482	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.600%
7) Chloroethane-d5	1.536	69	27039	5.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.060	65	15299	5.183	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.600%
20) 2-Butanone-d5	3.822	46	48410	47.089	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.180%
24) Chloroform-d	4.249	84	59711	5.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	4.944	65	26719	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	4.960	84	109105	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	5.989	67	29072	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.243	98	102668	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	7.558	79	10393	4.492	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.027	63	35861	43.415	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.840%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	18257	4.914	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	32630	4.840	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	32512	4.489	ug/L	97
3) Chloromethane	1.217	50	37496	4.746	ug/L	98
5) Vinyl chloride	1.285	62	35570	4.712	ug/L	100
6) Bromomethane	1.491	94	14862	3.738	ug/L	95
8) Chloroethane	1.552	64	22639	4.396	ug/L	98
9) Trichlorofluoromethane	1.716	101	61050	5.611	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	32858	5.778	ug/L	98
12) 1,1-Dichloroethene	2.069	96	30163	5.463	ug/L	98
13) Acetone	2.146	43	47420	60.800	ug/L #	56
14) Carbon disulfide	2.240	76	86985	4.869	ug/L	100
15) Methyl Acetate	2.384	43	8556	4.635	ug/L	95
16) Methylene chloride	2.449	84	29893	5.642	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	63567	5.603	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	30686	5.456	ug/L	98
19) 1,1-Dichloroethane	3.111	63	57668	5.580	ug/L	97
21) 2-Butanone	3.899	43	55976	54.310	ug/L #	64
22) cis-1,2-Dichloroethene	3.815	96	32396	5.077	ug/L	98
23) Bromochloromethane	4.150	128	12678	5.716	ug/L	95
25) Chloroform	4.275	83	60855	5.826	ug/L	96

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 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

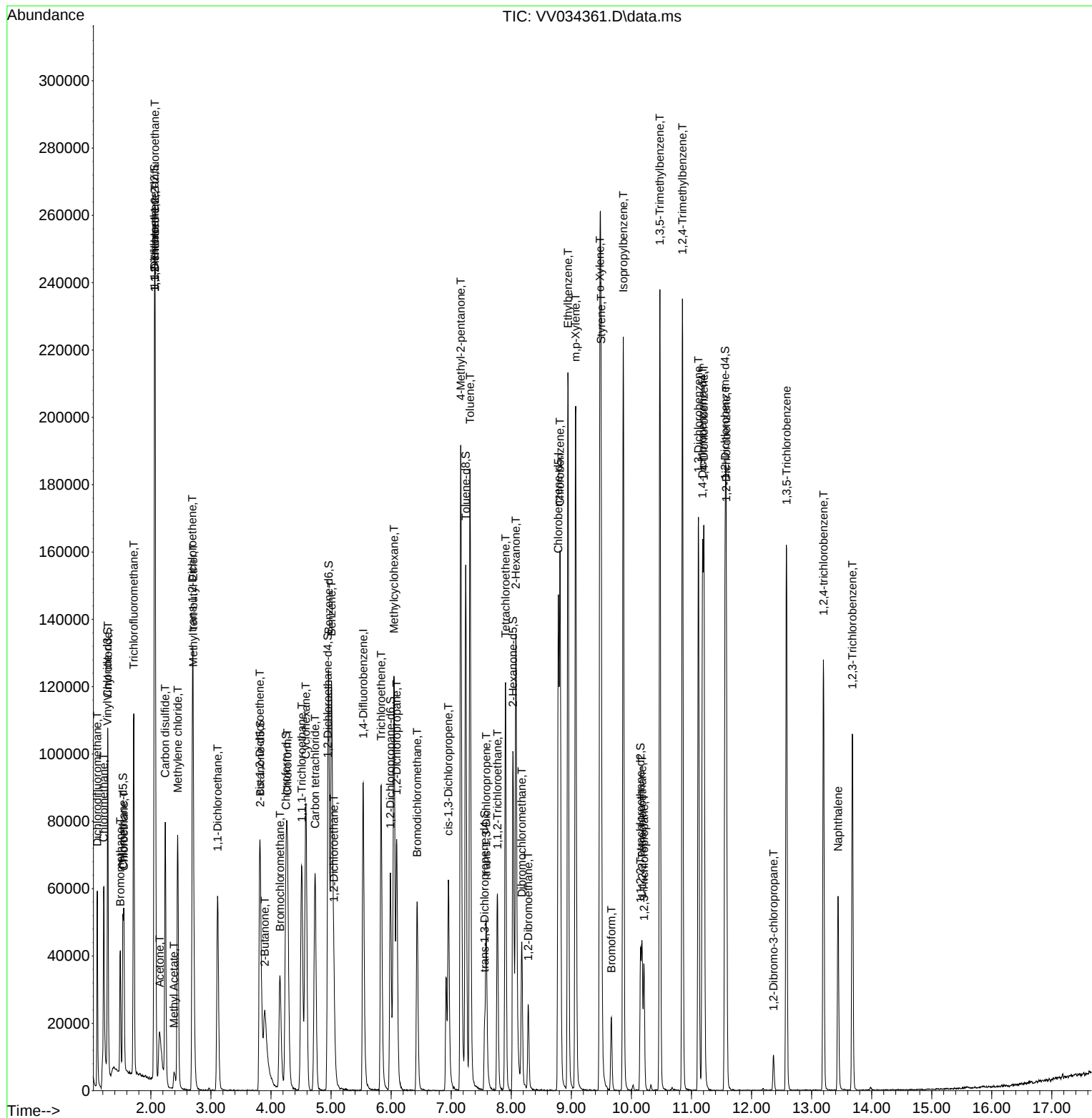
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	34816	5.821	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	55830	5.691	ug/L	100
30) Cyclohexane	4.580	56	47280	4.956	ug/L	98
31) Carbon tetrachloride	4.735	117	49319	5.746	ug/L	100
33) Benzene	5.008	78	121428	5.541	ug/L	100
34) Trichloroethene	5.834	95	32280	5.089	ug/L	97
35) Methylcyclohexane	6.050	83	51066	5.129	ug/L	97
37) 1,2-Dichloropropane	6.092	63	26825	5.053	ug/L	99
38) Bromodichloromethane	6.432	83	38131	5.472	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	38383	4.752	ug/L	96
40) 4-Methyl-2-pentanone	7.159	43	134975	53.097	ug/L	98
42) Toluene	7.313	91	132471	5.656	ug/L	96
44) trans-1,3-Dichloropropene	7.584	75	30444	4.909	ug/L	94
45) 1,1,2-Trichloroethane	7.770	97	17651	5.385	ug/L	98
47) Tetrachloroethene	7.905	164	26104	5.065	ug/L	96
48) 2-Hexanone	8.079	43	94938	52.983	ug/L	99
49) Dibromochloromethane	8.175	129	21150	5.430	ug/L	100
50) 1,2-Dibromoethane	8.284	107	16522	5.616	ug/L	96
51) Chlorobenzene	8.812	112	82019	5.538	ug/L	100
52) Ethylbenzene	8.944	91	149141	5.532	ug/L	100
53) m,p-Xylene	9.072	106	55339	5.432	ug/L	95
54) o-Xylene	9.477	106	54696	5.567	ug/L	98
55) Styrene	9.497	104	86506	5.499	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	19304	5.580	ug/L	99
59) Bromoform	9.667	173	9240	4.525	ug/L	98
60) Isopropylbenzene	9.866	105	141427	5.156	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	13995	5.491	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	124613	5.374	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	123372	5.476	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	66139	5.530	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	60384	5.099	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	56559	5.506	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	2776	5.198	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	48520	5.242	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	37298	5.162	ug/L	99
71) Naphthalene	13.442	128	46827	4.946	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	30833	5.326	ug/L	97

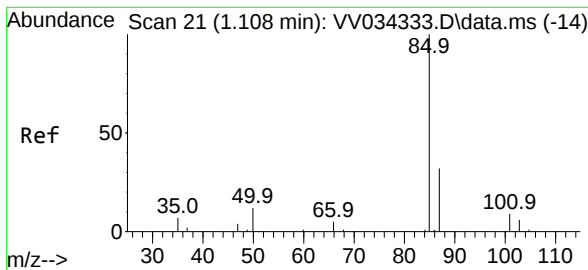
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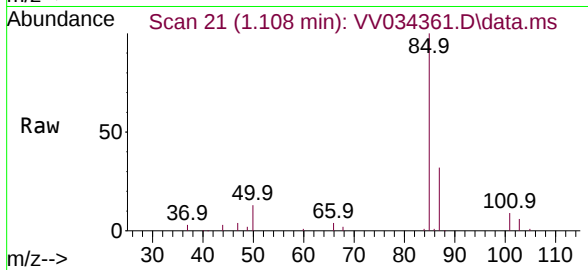
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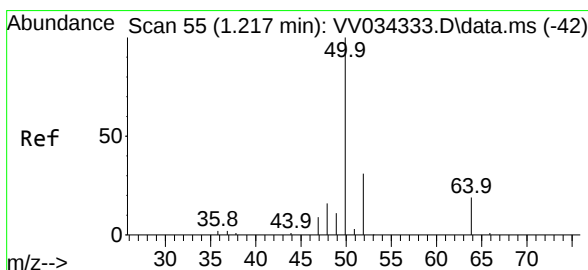
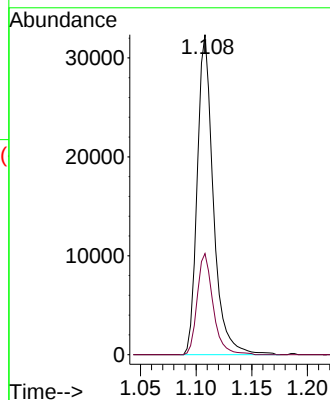
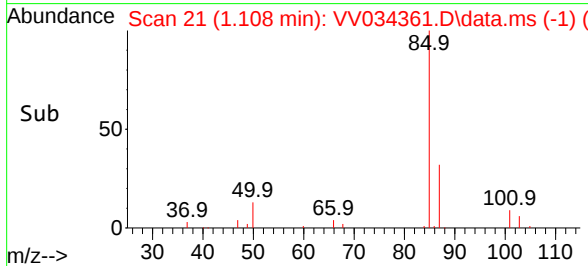


#2
 Dichlorodifluoromethane
 Concen: 4.489 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034361.D
 Acq: 23 Feb 2024 08:48

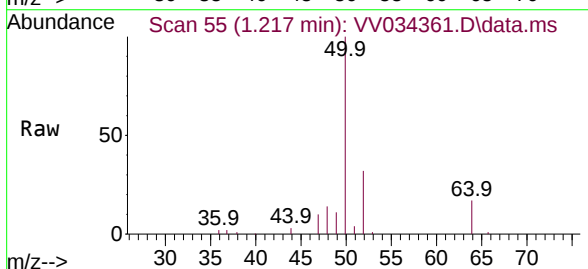
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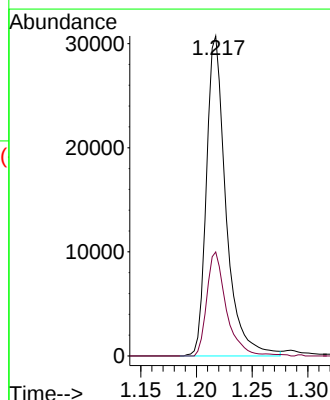
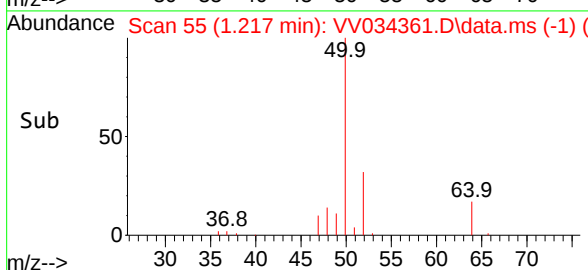
Tgt Ion: 85 Resp: 32512
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.2 39.4

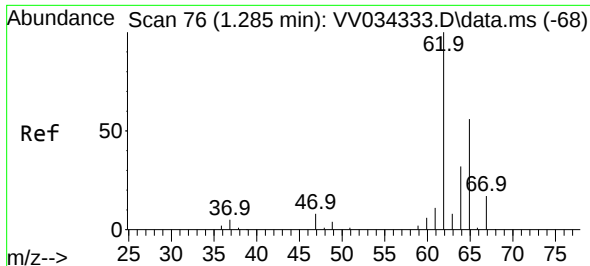


#3
 Chloromethane
 Concen: 4.746 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034361.D
 Acq: 23 Feb 2024 08:48



Tgt Ion: 50 Resp: 37496
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.4 43.4



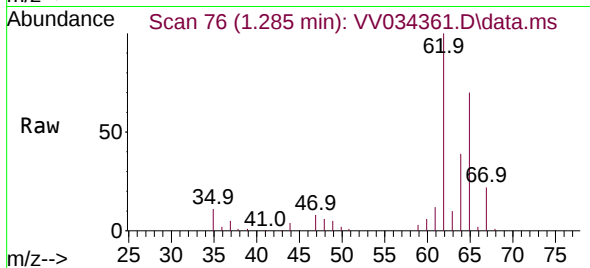


#5
 Vinyl chloride
 Concen: 4.712 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV034361.D
 Acq: 23 Feb 2024 08:48

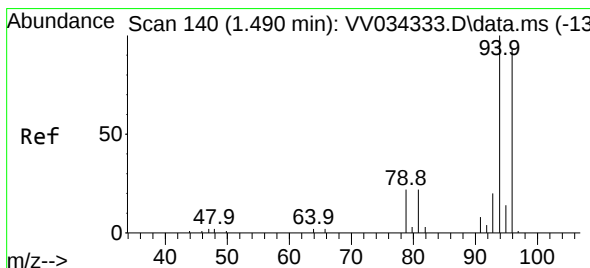
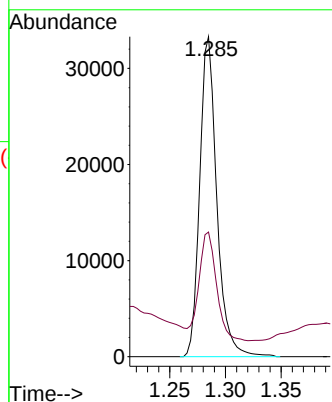
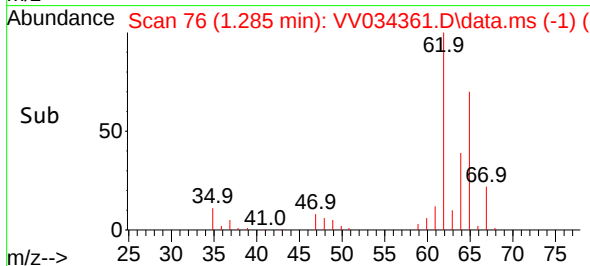
Instrument :

MSVOA_V

ClientSampleId :

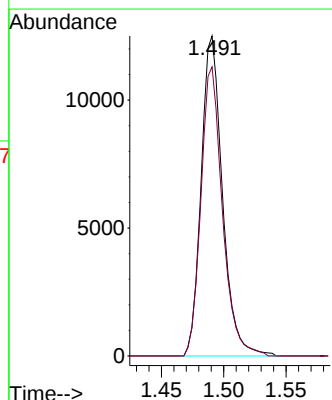
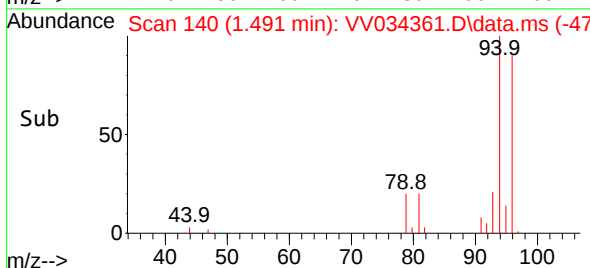
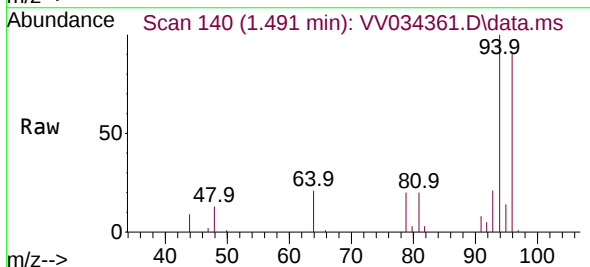


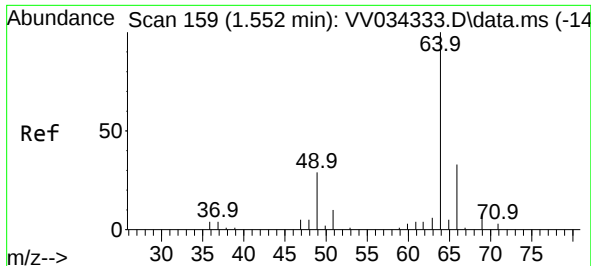
Tgt Ion: 62 Resp: 35570
 Ion Ratio Lower Upper
 62 100
 64 39.0 27.2 50.4



#6
 Bromomethane
 Concen: 3.738 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV034361.D
 Acq: 23 Feb 2024 08:48

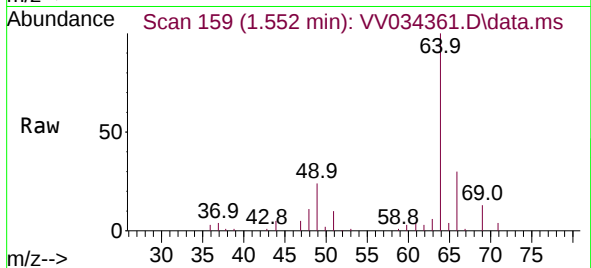
Tgt Ion: 94 Resp: 14862
 Ion Ratio Lower Upper
 94 100
 96 90.4 66.6 123.8



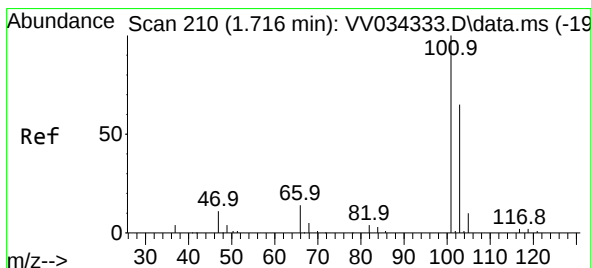
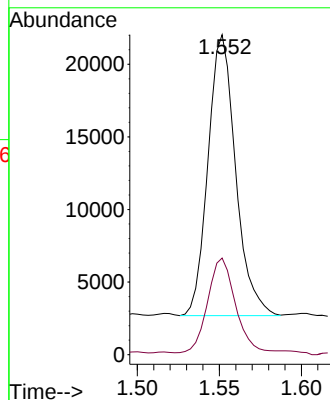
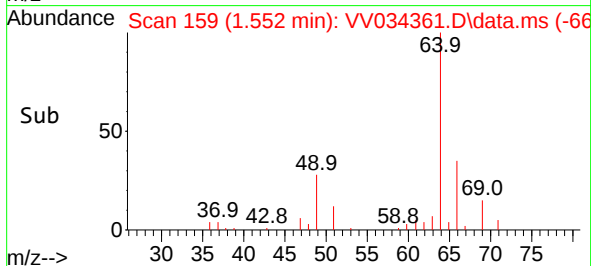


#8
Chloroethane
Concen: 4.396 ug/L
RT: 1.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

Instrument :
MSVOA_V
ClientSampleId :

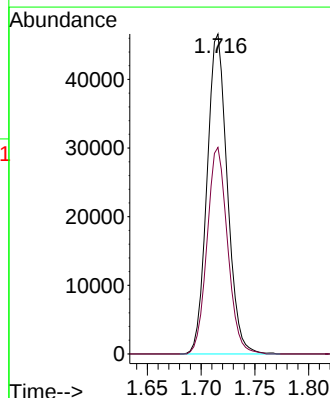
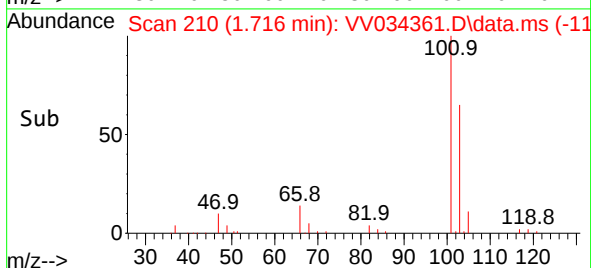
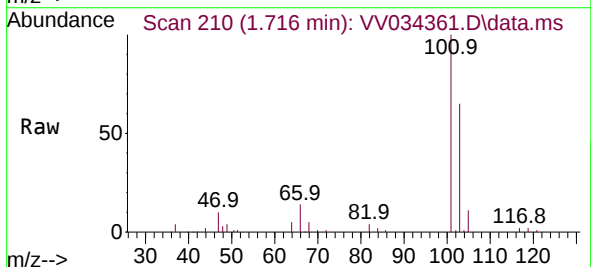


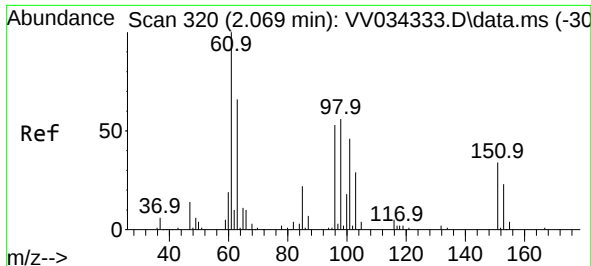
Tgt Ion: 64 Resp: 22639
Ion Ratio Lower Upper
64 100
66 30.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.611 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

Tgt Ion: 101 Resp: 61050
Ion Ratio Lower Upper
101 100
103 65.3 51.0 76.4

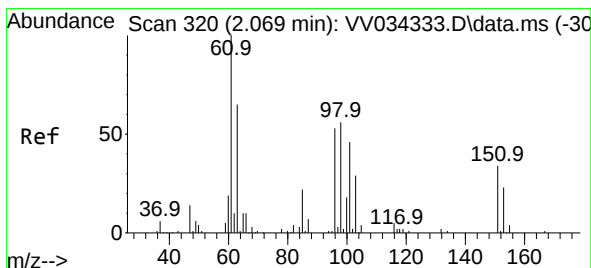
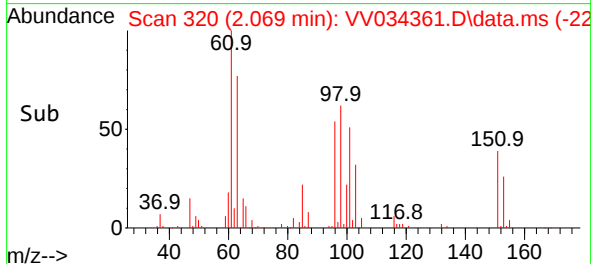
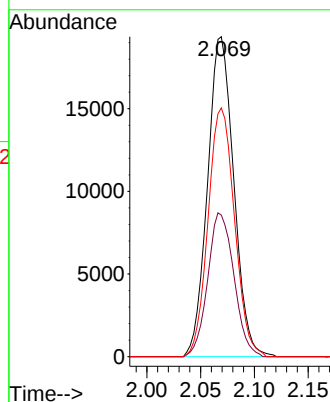
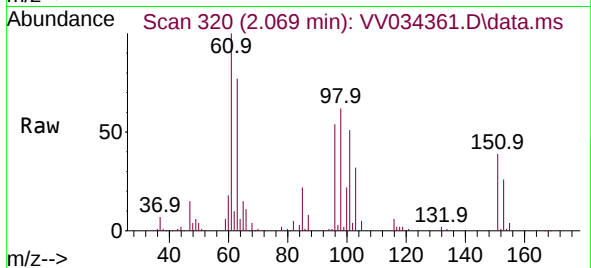




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.778 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034361.D
 Acq: 23 Feb 2024 08:48

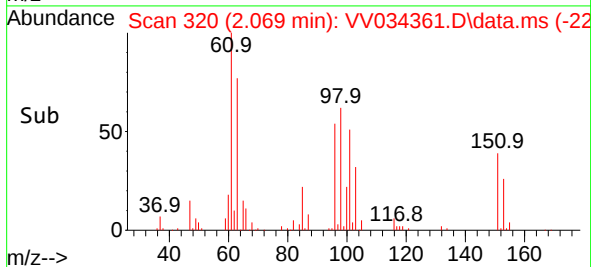
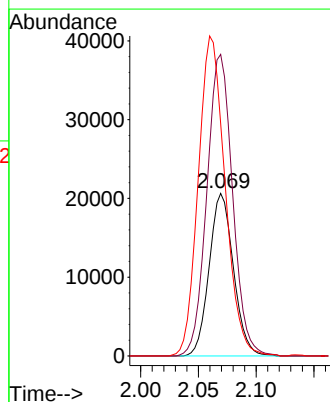
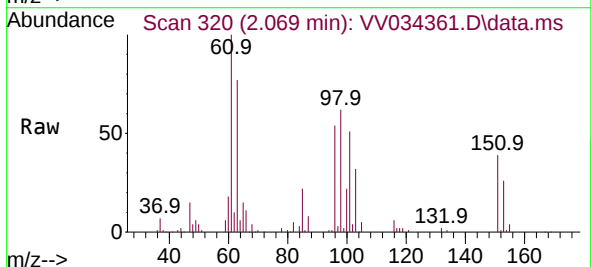
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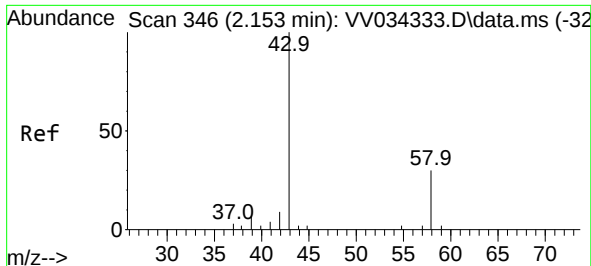
Tgt Ion:101 Resp: 32858
 Ion Ratio Lower Upper
 101 100
 85 44.8 37.1 55.7
 151 78.3 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 5.463 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034361.D
 Acq: 23 Feb 2024 08:48

Tgt Ion: 96 Resp: 30163
 Ion Ratio Lower Upper
 96 100
 61 185.5 128.8 239.2
 63 142.9 97.9 181.9





#13

Acetone

Concen: 60.800 ug/L

RT: 2.146 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

Instrument :

MSVOA_V

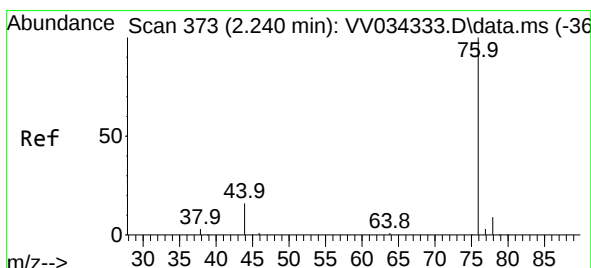
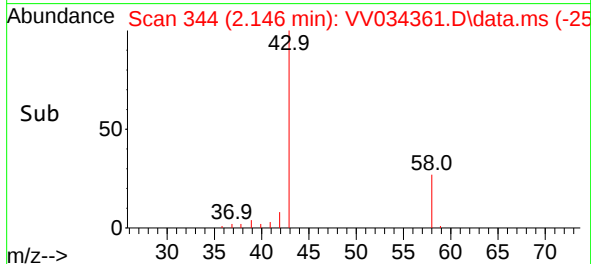
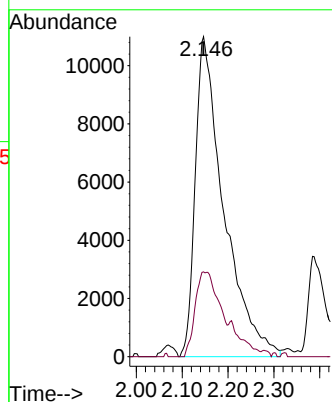
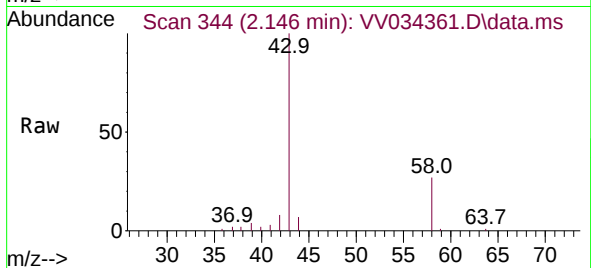
ClientSampleId :

Tgt Ion: 43 Resp: 47420

Ion Ratio Lower Upper

43 100

58 22.1 0.0 13.8#



#14

Carbon disulfide

Concen: 4.869 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV034361.D

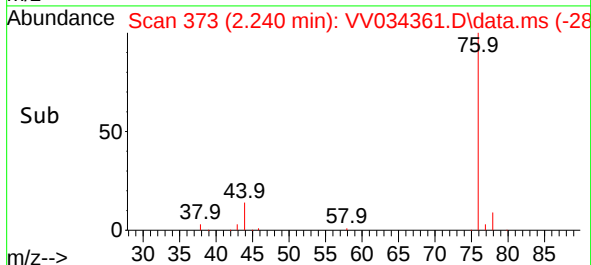
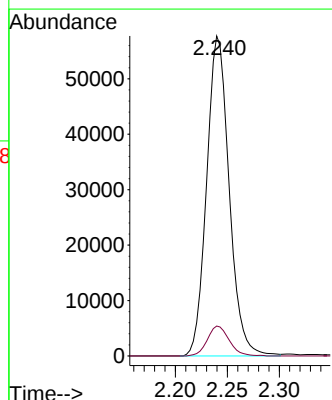
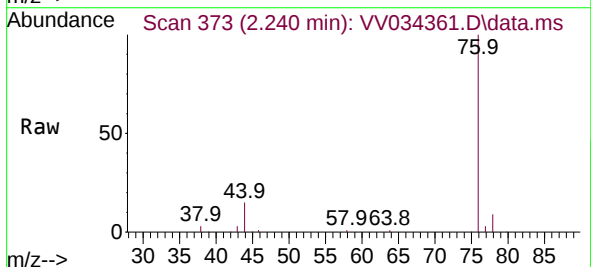
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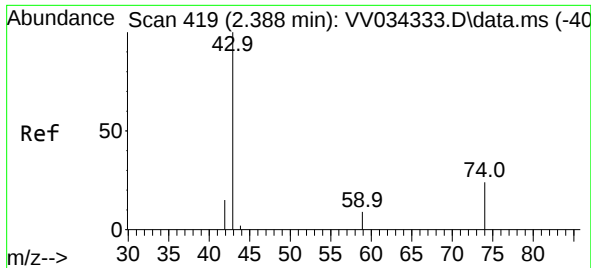
Tgt Ion: 76 Resp: 86985

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

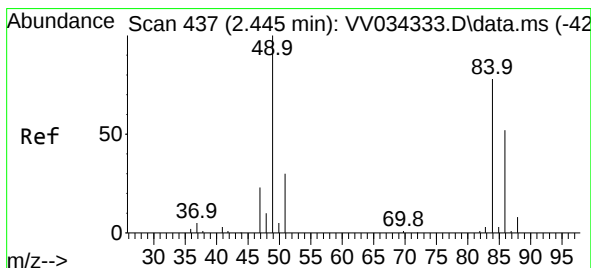
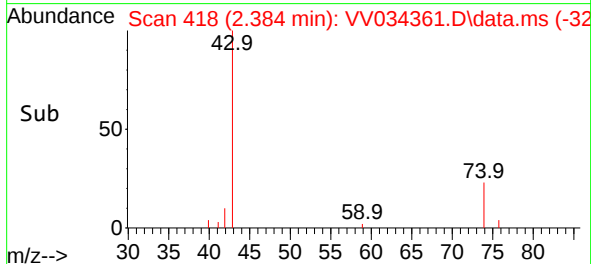
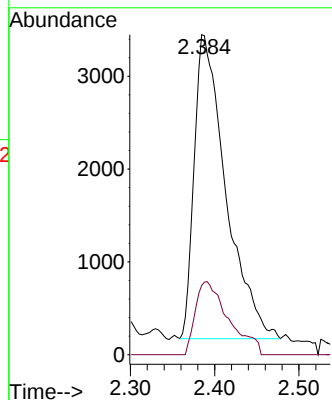
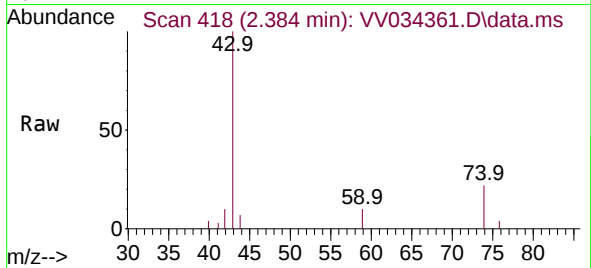




#15
Methyl Acetate
Concen: 4.635 ug/L
RT: 2.384 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

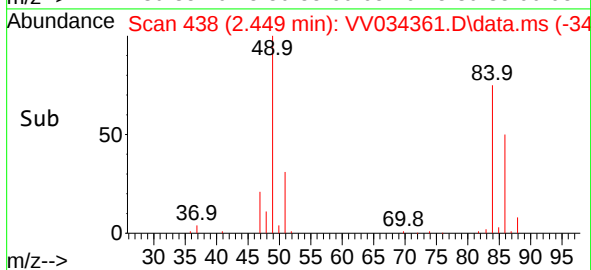
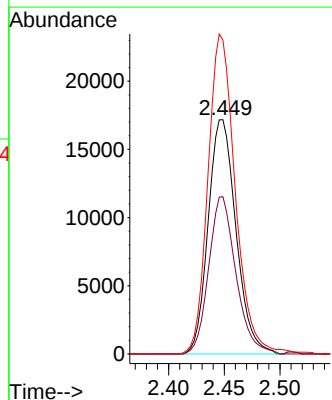
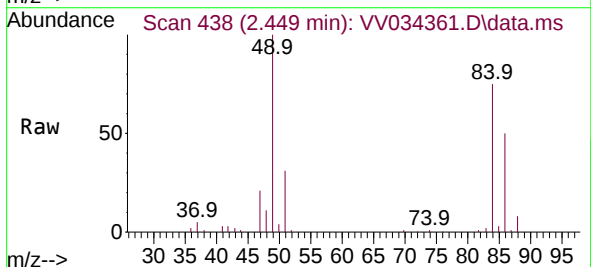
Instrument :
MSVOA_V
ClientSampleId :

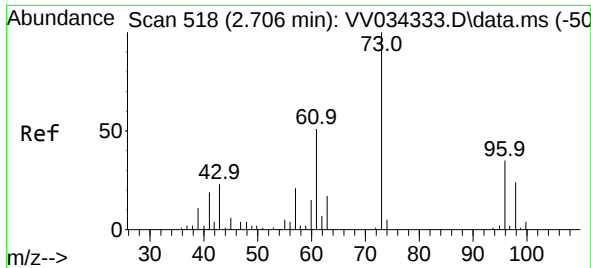
Tgt Ion: 43 Resp: 8556
Ion Ratio Lower Upper
43 100
74 25.2 18.2 27.4



#16
Methylene chloride
Concen: 5.642 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

Tgt Ion: 84 Resp: 29893
Ion Ratio Lower Upper
84 100
86 67.1 44.7 83.1
49 134.0 93.7 173.9





#17

Methyl tert-butyl Ether

Concen: 5.603 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.000 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

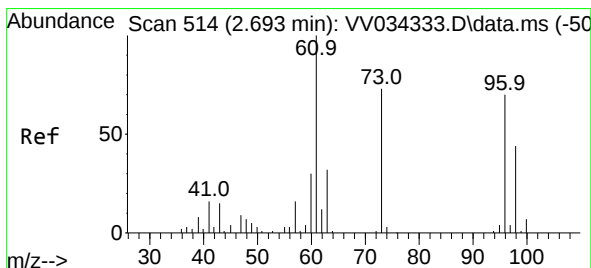
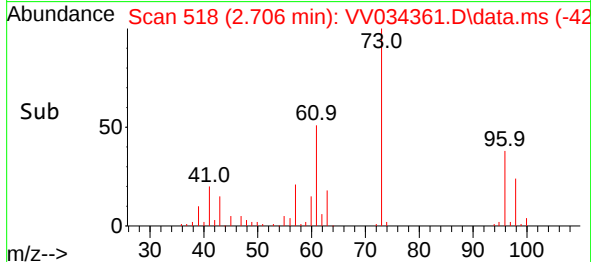
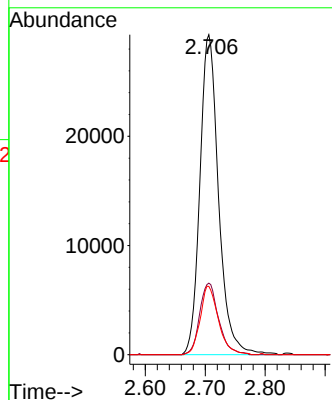
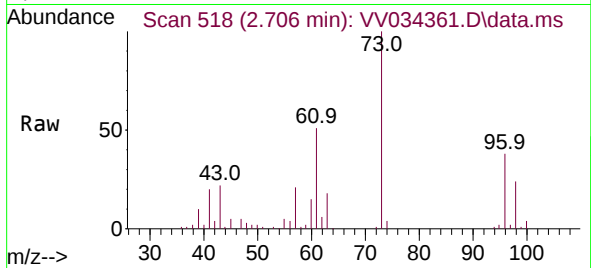
Tgt Ion: 73 Resp: 63567

Ion Ratio Lower Upper

73 100

43 22.7 17.7 26.5

57 21.0 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 5.456 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.000 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

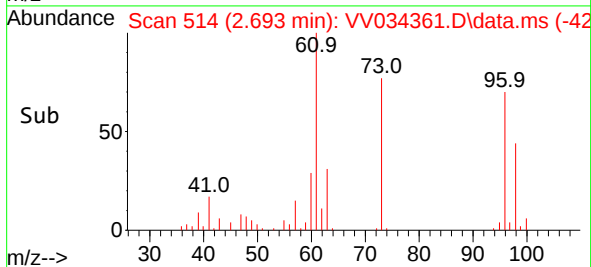
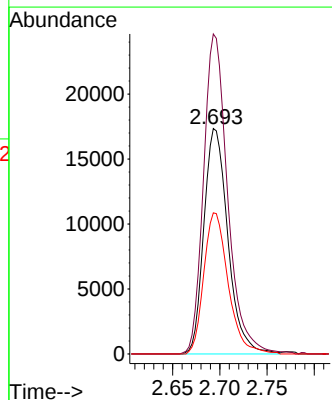
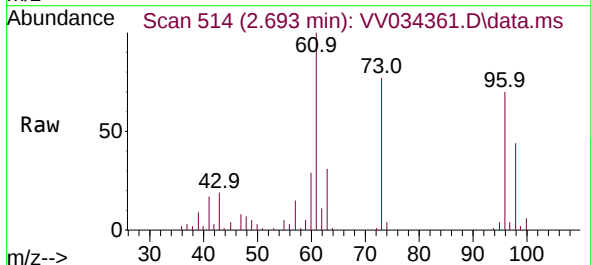
Tgt Ion: 96 Resp: 30686

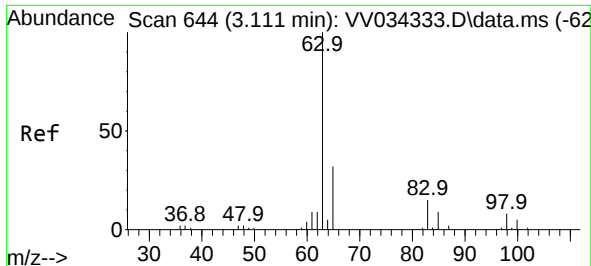
Ion Ratio Lower Upper

96 100

61 142.0 97.6 181.4

98 62.6 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.580 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

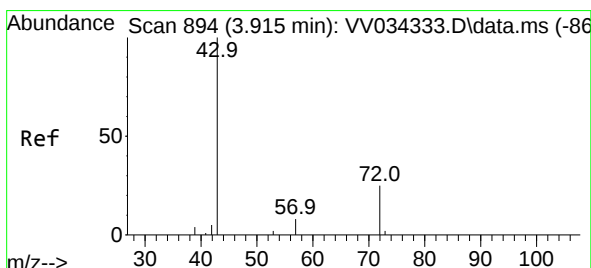
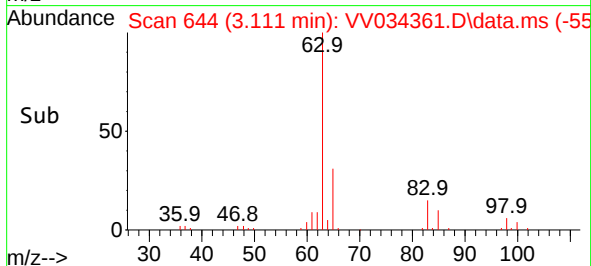
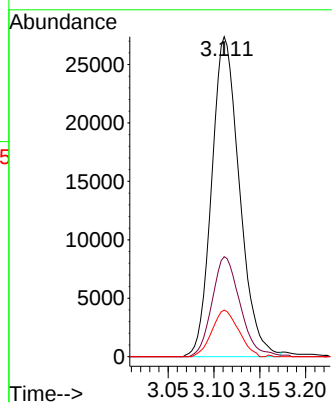
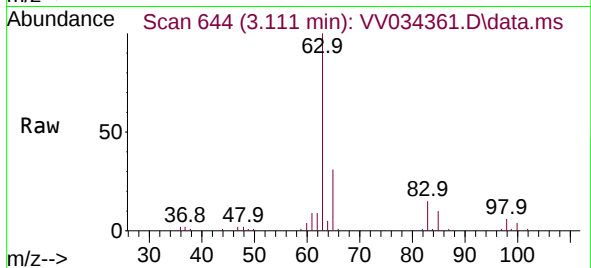
Tgt Ion: 63 Resp: 57668

Ion Ratio Lower Upper

63 100

65 31.3 20.8 38.6

83 14.6 9.4 17.4



#21

2-Butanone

Concen: 54.310 ug/L

RT: 3.899 min Scan# 889

Delta R.T. -0.016 min

Lab File: VV034361.D

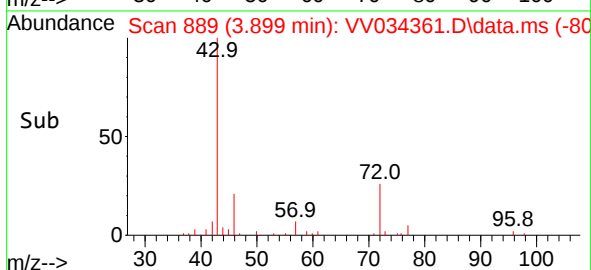
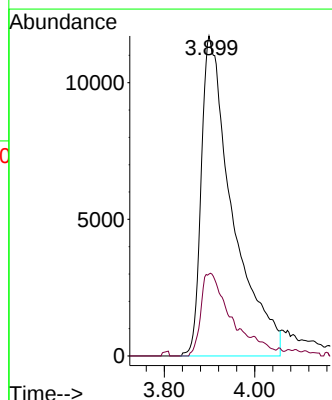
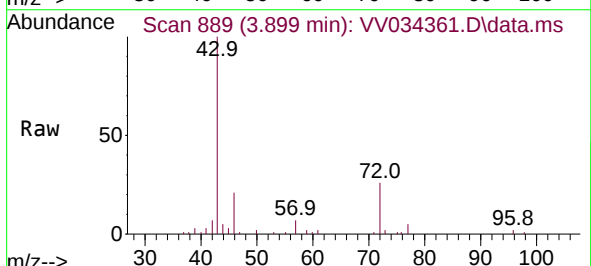
Acq: 23 Feb 2024 08:48

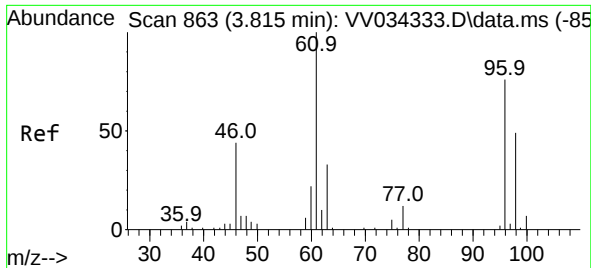
Tgt Ion: 43 Resp: 55976

Ion Ratio Lower Upper

43 100

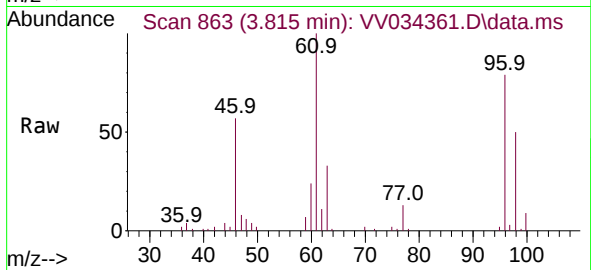
72 20.7 4.0 11.9#



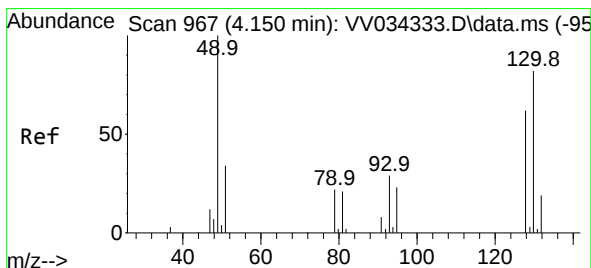
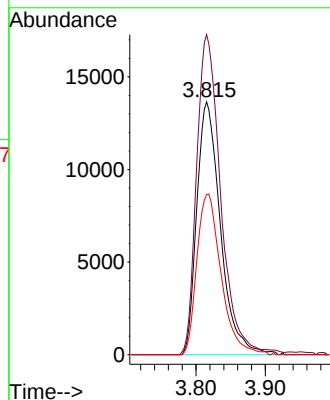
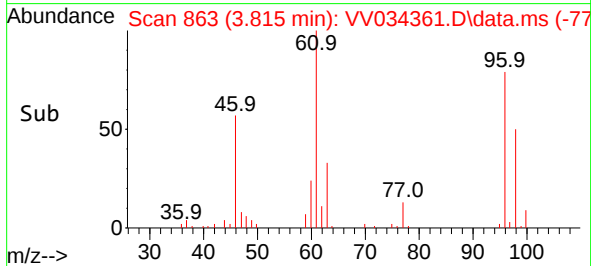


#22
cis-1,2-Dichloroethene
Concen: 5.077 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

Instrument :
MSVOA_V
ClientSampleId :

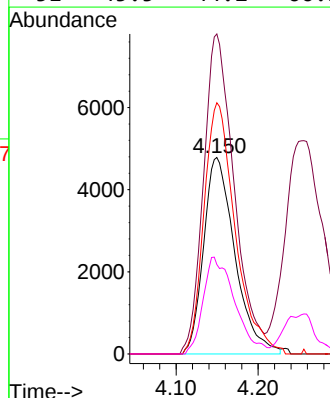
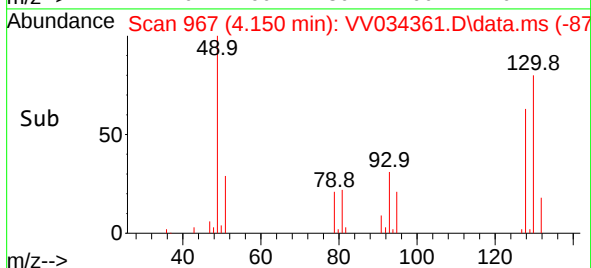
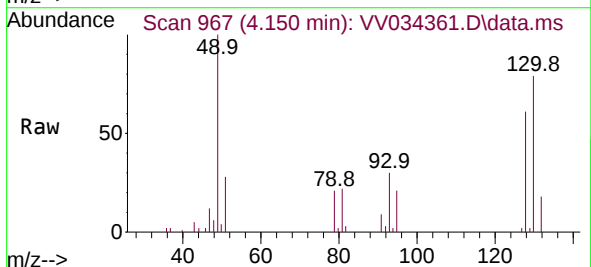


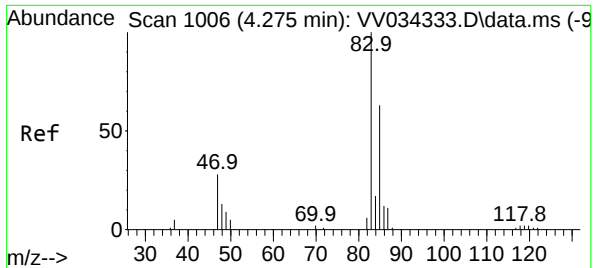
Tgt Ion: 96 Resp: 32396
Ion Ratio Lower Upper
96 100
61 126.6 90.3 167.7
98 63.3 43.2 80.2



#23
Bromochloromethane
Concen: 5.716 ug/L
RT: 4.150 min Scan# 967
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

Tgt Ion: 128 Resp: 12678
Ion Ratio Lower Upper
128 100
49 169.6 120.5 223.7
130 127.9 93.4 173.4
51 45.5 44.2 66.2

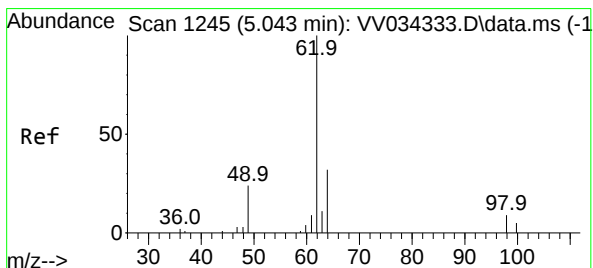
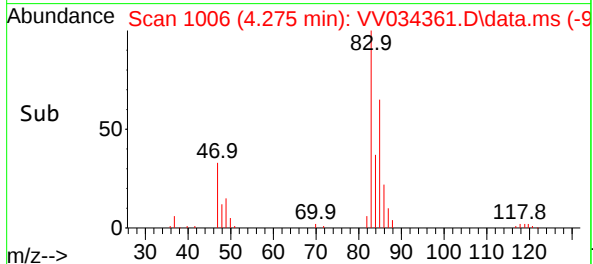
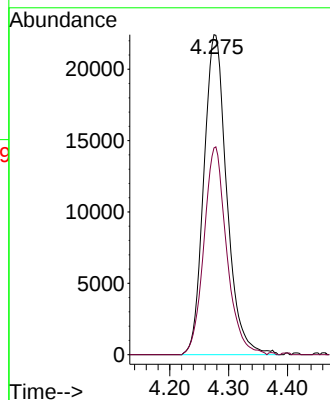
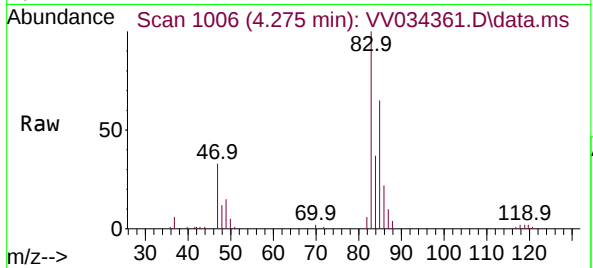




#25
Chloroform
Concen: 5.826 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

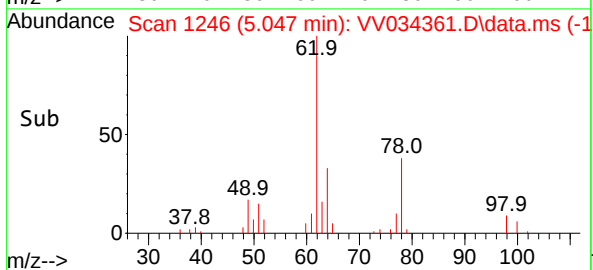
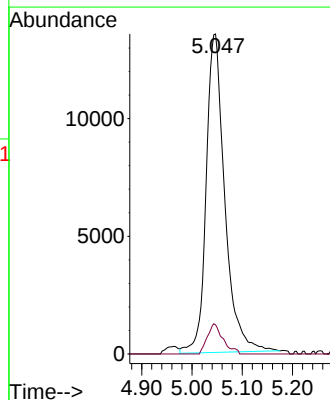
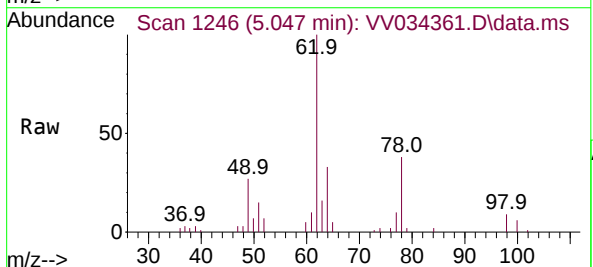
Instrument :
MSVOA_V
ClientSampleId :

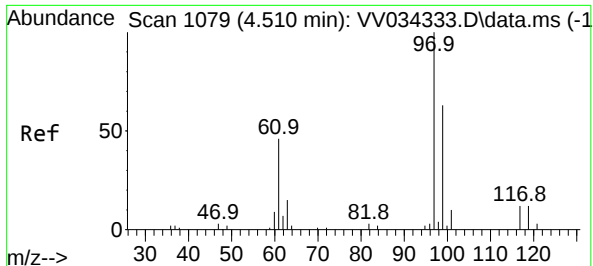
Tgt Ion: 83 Resp: 60855
Ion Ratio Lower Upper
83 100
85 64.6 47.5 88.1



#27
1,2-Dichloroethane
Concen: 5.821 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.003 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

Tgt Ion: 62 Resp: 34816
Ion Ratio Lower Upper
62 100
98 9.1 6.9 10.3

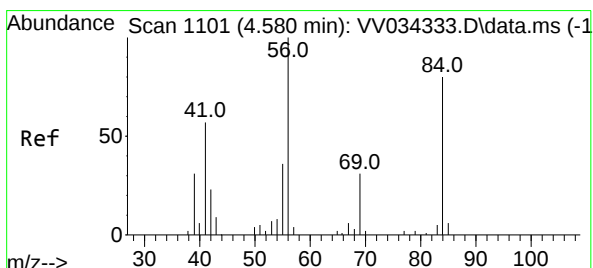
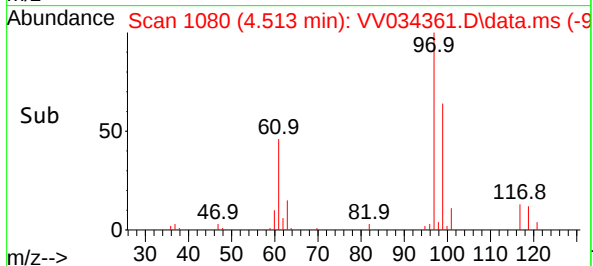
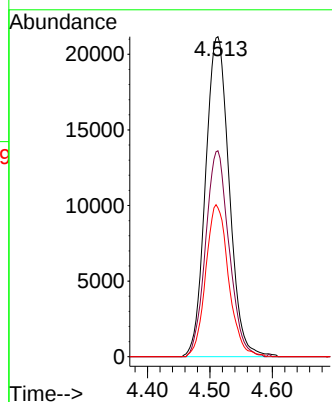
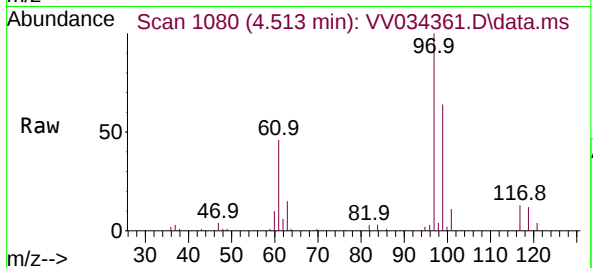




#29
1,1,1-Trichloroethane
Concen: 5.691 ug/L
RT: 4.513 min Scan# 1079
Delta R.T. 0.003 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

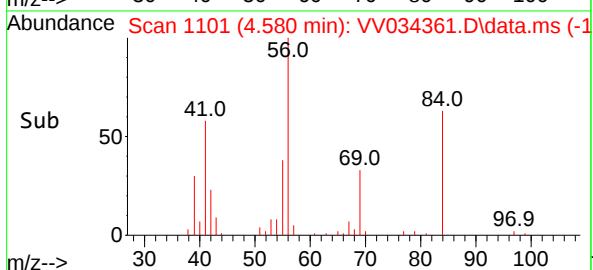
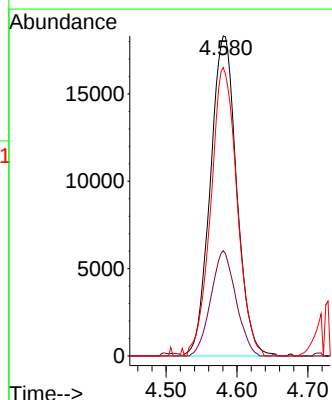
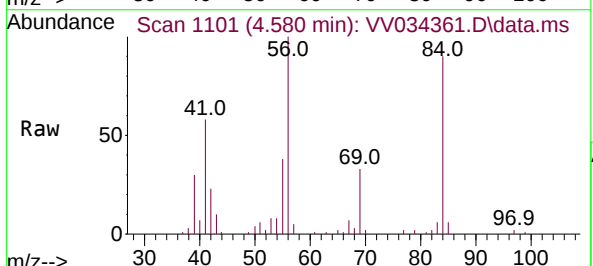
Instrument :
MSVOA_V
ClientSampleId :

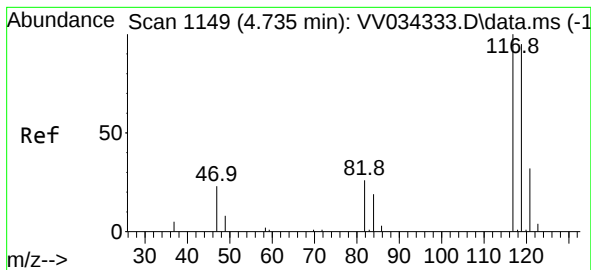
Tgt Ion: 97 Resp: 55830
Ion Ratio Lower Upper
97 100
99 63.7 50.6 75.8
61 45.9 36.8 55.2



#30
Cyclohexane
Concen: 4.956 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

Tgt Ion: 56 Resp: 47280
Ion Ratio Lower Upper
56 100
69 31.3 24.2 36.2
84 89.7 70.0 105.0





#31

Carbon tetrachloride

Concen: 5.746 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

Instrument :

MSVOA_V

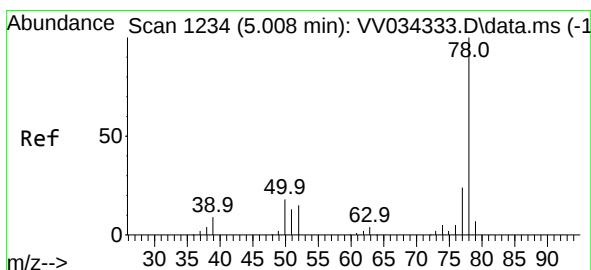
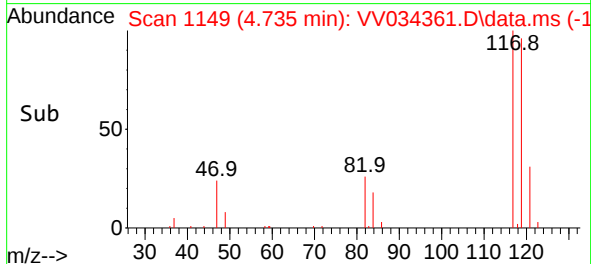
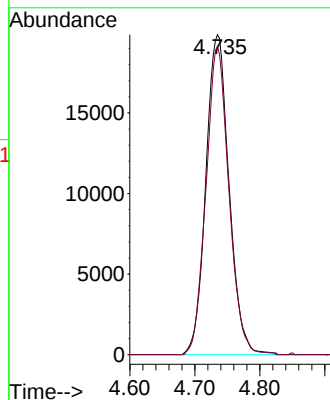
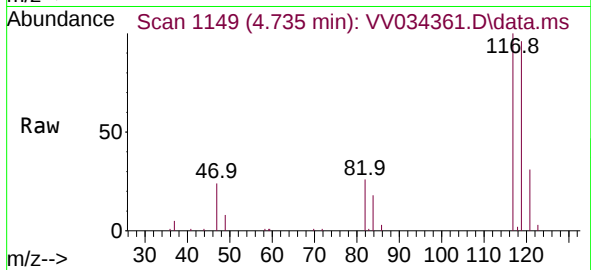
ClientSampleId :

Tgt Ion:117 Resp: 49319

Ion Ratio Lower Upper

117 100

119 95.1 76.1 114.1



#33

Benzene

Concen: 5.541 ug/L

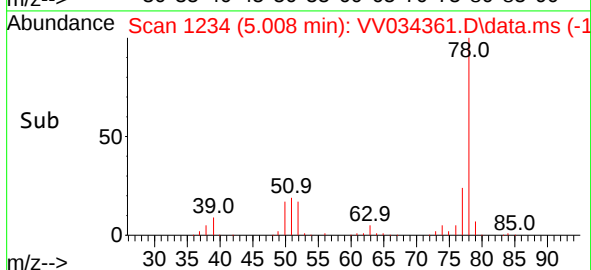
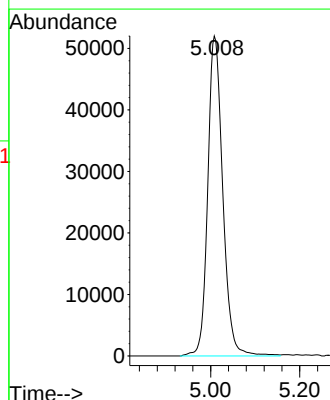
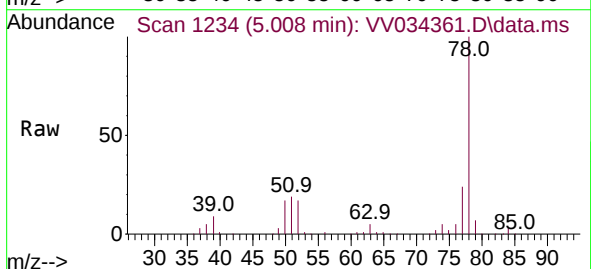
RT: 5.008 min Scan# 1234

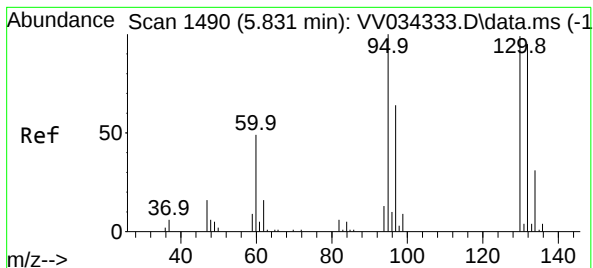
Delta R.T. 0.000 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

Tgt Ion: 78 Resp: 121428





#34

Trichloroethene

Concen: 5.089 ug/L

RT: 5.834 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 32280

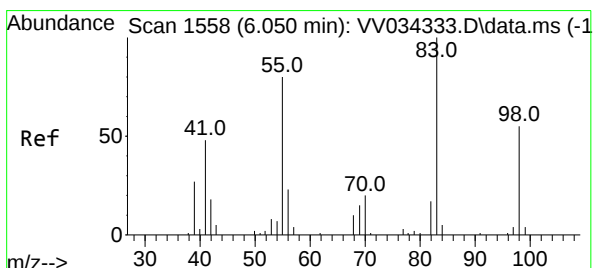
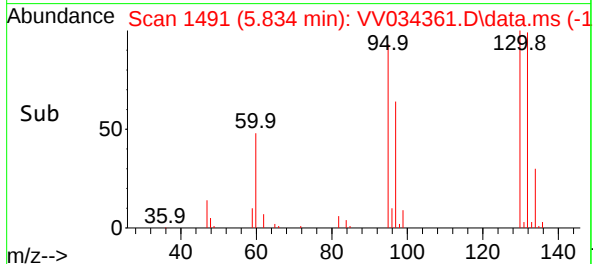
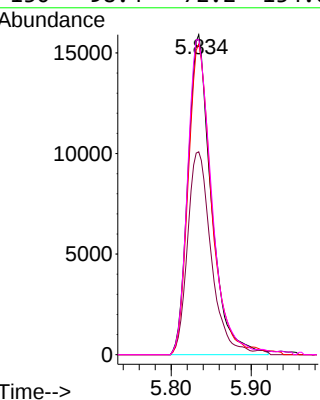
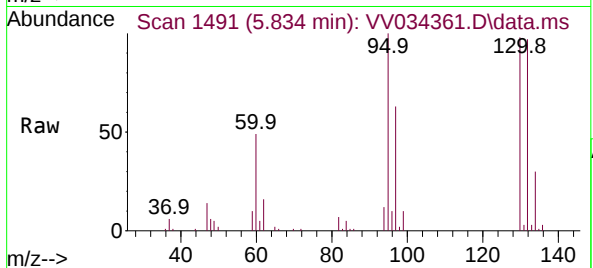
Ion Ratio Lower Upper

95 100

97 63.4 45.1 83.7

132 97.0 66.0 122.6

130 98.4 72.2 134.0



#35

Methylcyclohexane

Concen: 5.129 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

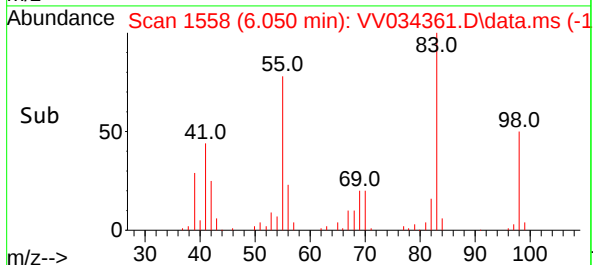
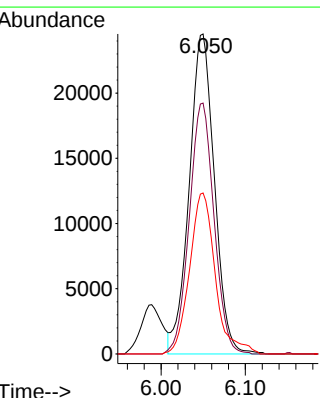
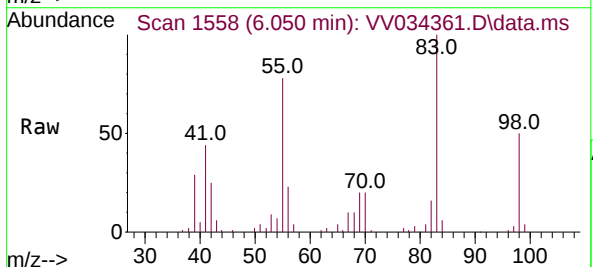
Tgt Ion: 83 Resp: 51066

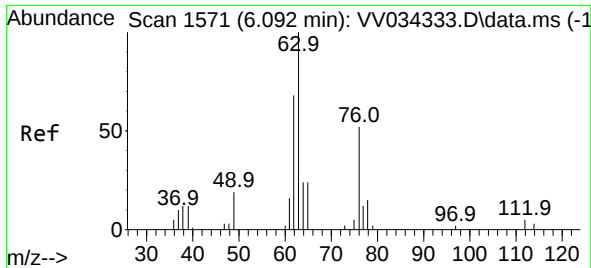
Ion Ratio Lower Upper

83 100

55 77.0 63.5 95.3

98 51.3 39.0 58.4

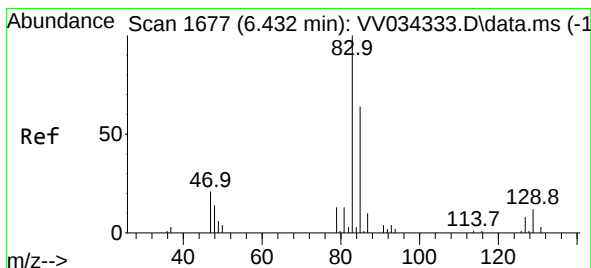
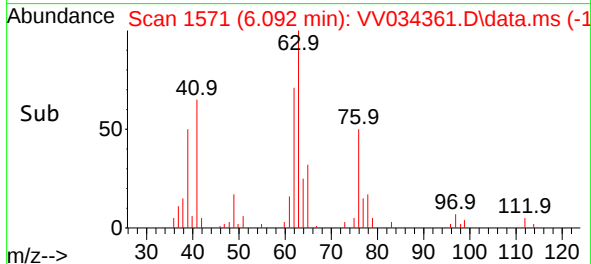
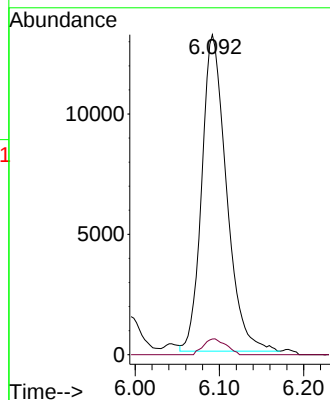
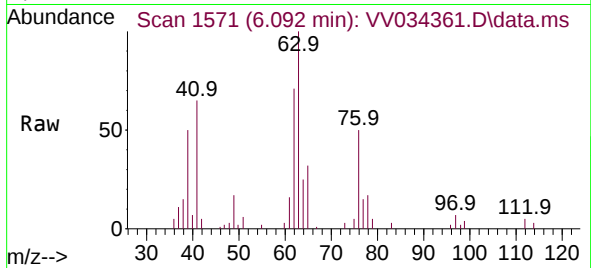




#37
1,2-Dichloropropane
Concen: 5.053 ug/L
RT: 6.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

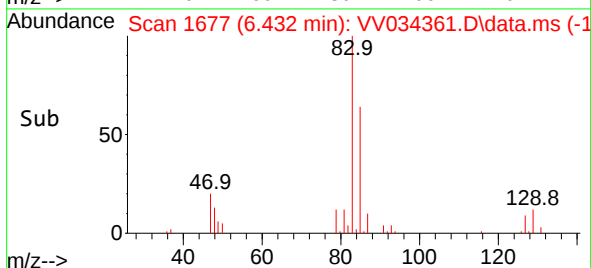
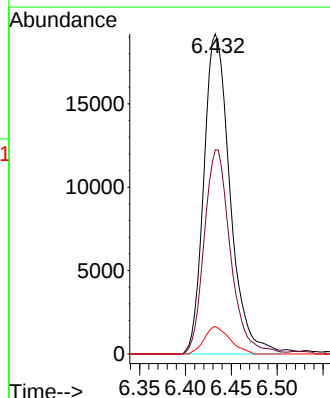
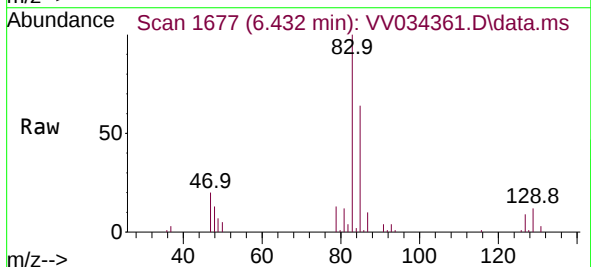
Instrument :
MSVOA_V
ClientSampleId :

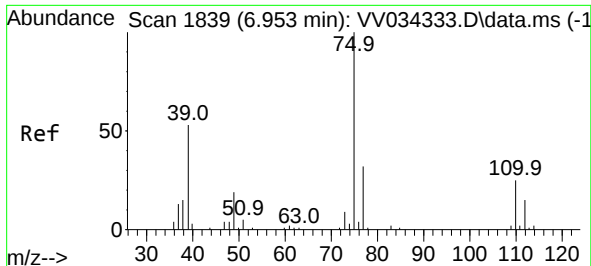
Tgt Ion: 63 Resp: 26825
Ion Ratio Lower Upper
63 100
112 4.6 3.4 5.0



#38
Bromodichloromethane
Concen: 5.472 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

Tgt Ion: 83 Resp: 38131
Ion Ratio Lower Upper
83 100
85 63.8 45.4 84.2
127 8.6 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.752 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.000 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

Instrument :

MSVOA_V

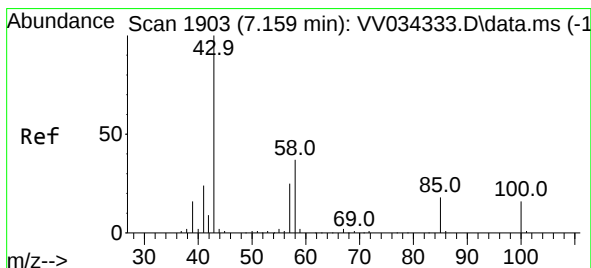
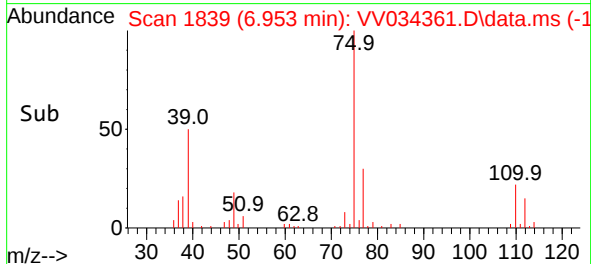
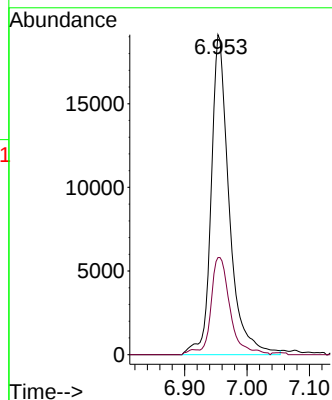
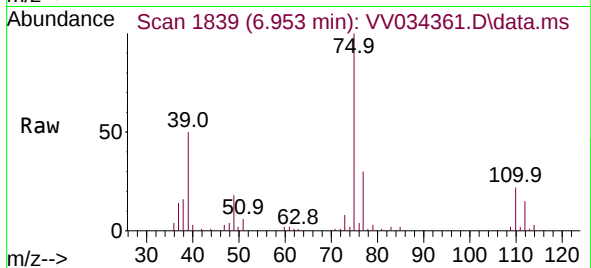
ClientSampleId :

Tgt Ion: 75 Resp: 38383

Ion Ratio Lower Upper

75 100

77 30.4 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 53.097 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

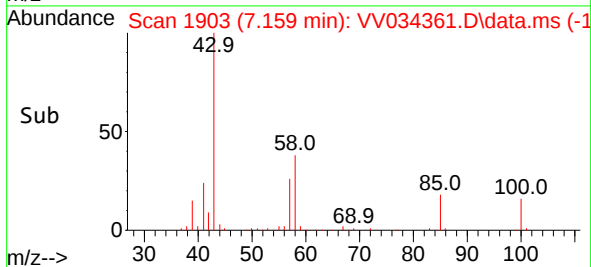
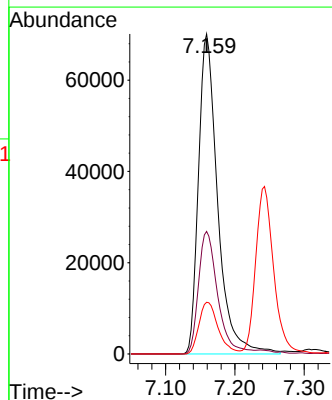
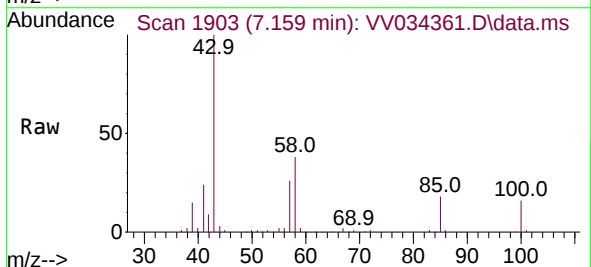
Tgt Ion: 43 Resp: 134975

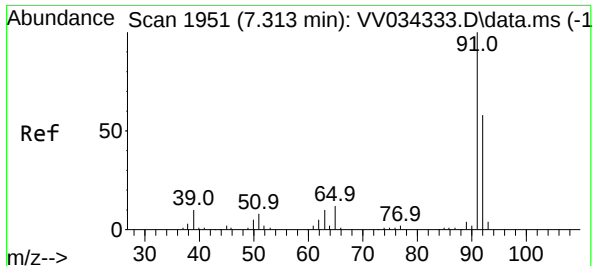
Ion Ratio Lower Upper

43 100

58 38.3 30.2 45.2

100 16.3 12.1 18.1





#42

Toluene

Concen: 5.656 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

Instrument :

MSVOA_V

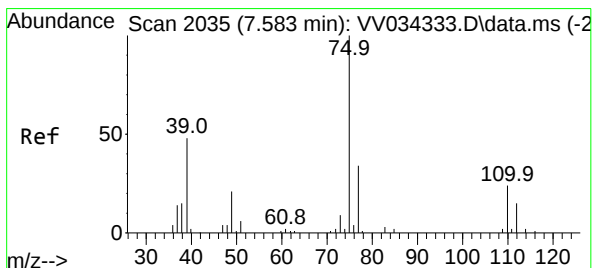
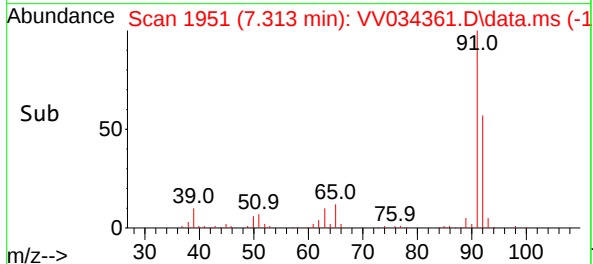
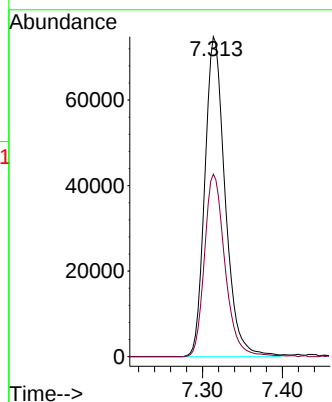
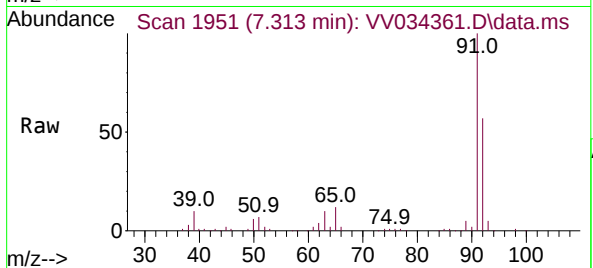
ClientSampleId :

Tgt Ion: 91 Resp: 132471

Ion Ratio Lower Upper

91 100

92 57.0 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.909 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034361.D

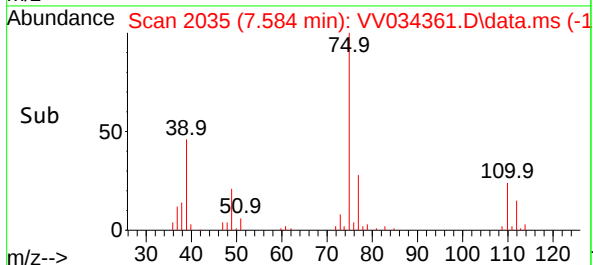
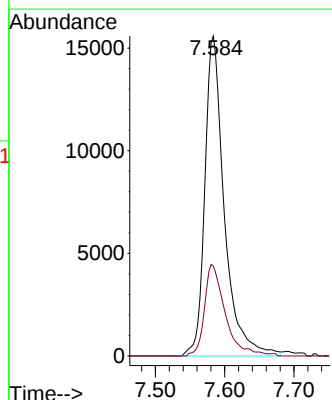
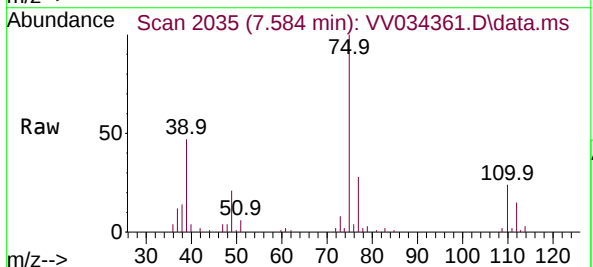
Acq: 23 Feb 2024 08:48

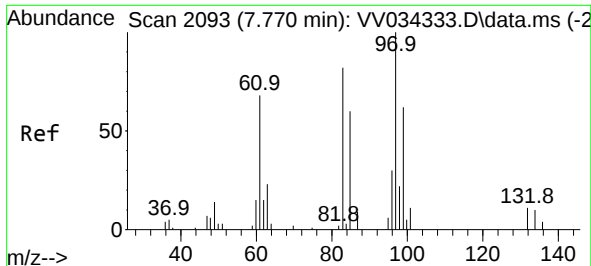
Tgt Ion: 75 Resp: 30444

Ion Ratio Lower Upper

75 100

77 28.1 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 5.385 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.000 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 17651

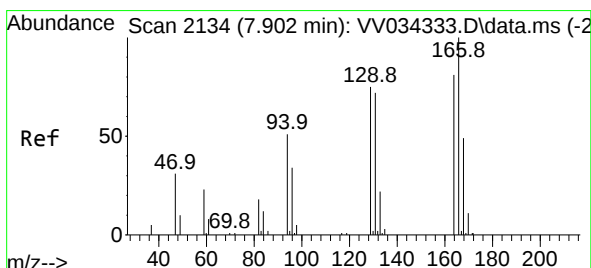
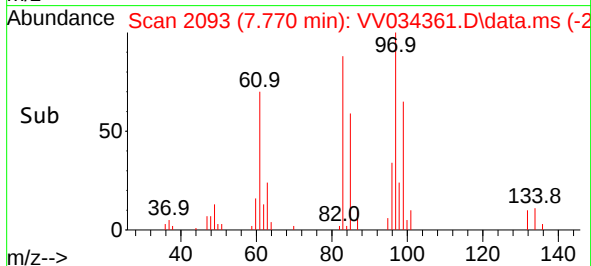
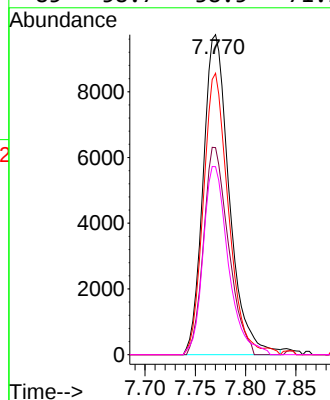
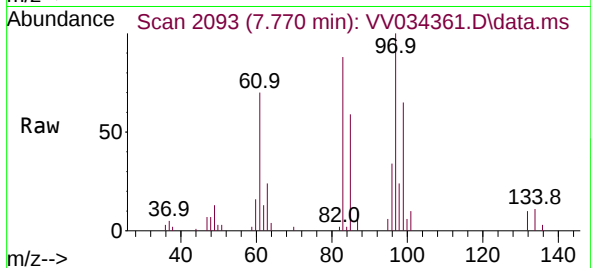
Ion Ratio Lower Upper

97 100

99 64.7 45.6 84.6

83 88.0 62.3 115.7

85 58.7 38.5 71.5



#47

Tetrachloroethene

Concen: 5.065 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

Tgt Ion:164 Resp: 26104

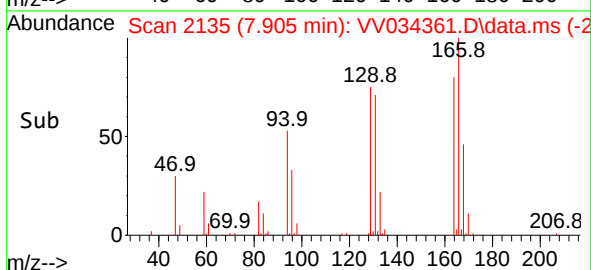
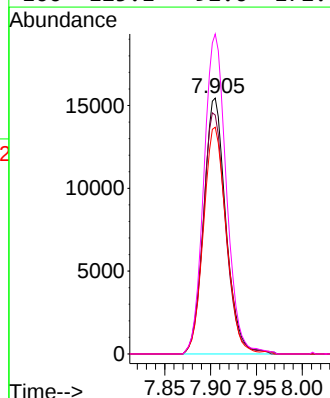
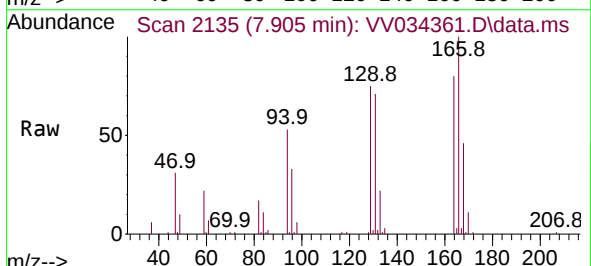
Ion Ratio Lower Upper

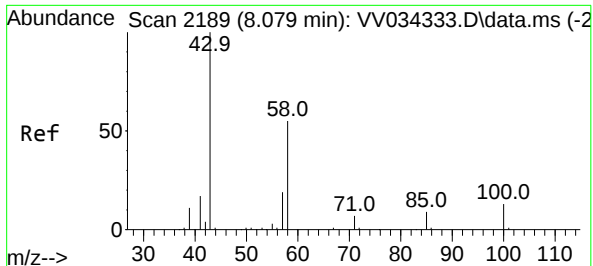
164 100

129 93.4 67.8 125.8

131 88.6 63.0 117.0

166 125.1 92.6 172.0

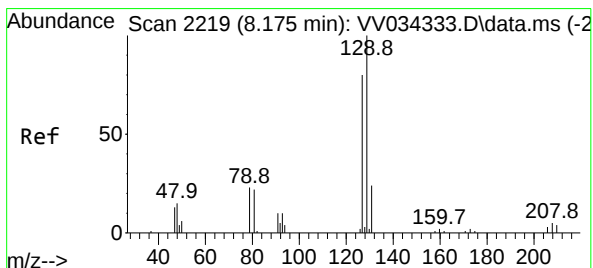
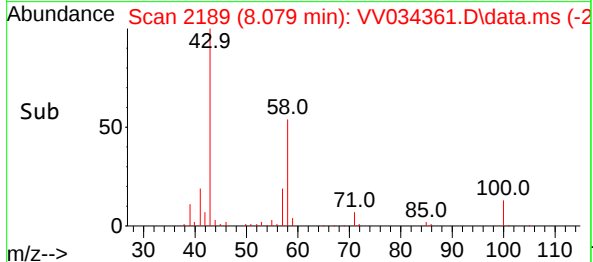
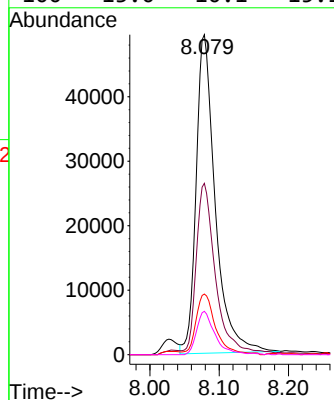
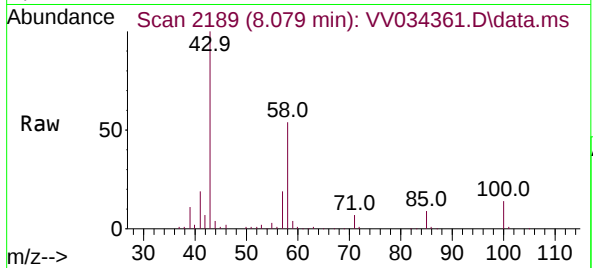




#48
2-Hexanone
Concen: 52.983 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

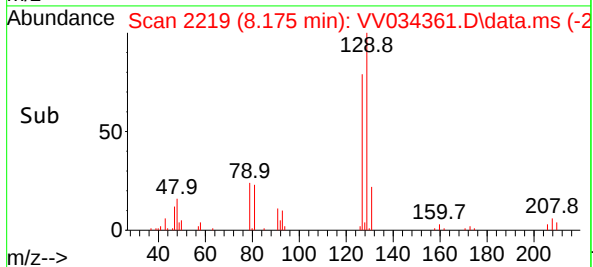
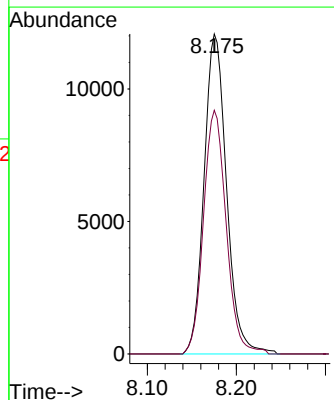
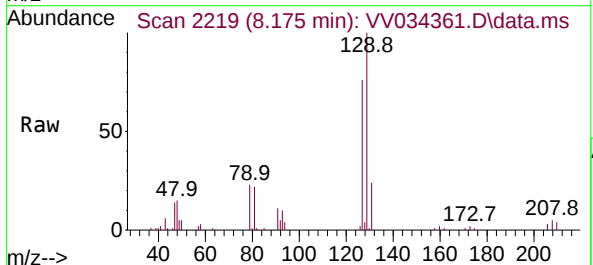
Instrument :
MSVOA_V
ClientSampleId :

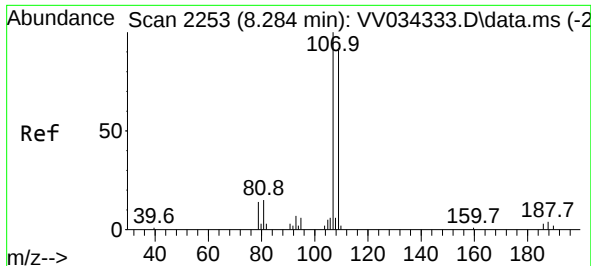
Tgt Ion:	43	Resp:	94938
Ion	Ratio	Lower	Upper
43	100		
58	53.0	42.6	64.0
57	18.5	15.5	23.3
100	13.0	10.1	15.1



#49
Dibromochloromethane
Concen: 5.430 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

Tgt Ion:	129	Resp:	21150
Ion	Ratio	Lower	Upper
129	100		
127	76.2	53.5	99.5





#50

1,2-Dibromoethane

Concen: 5.616 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV034361.D

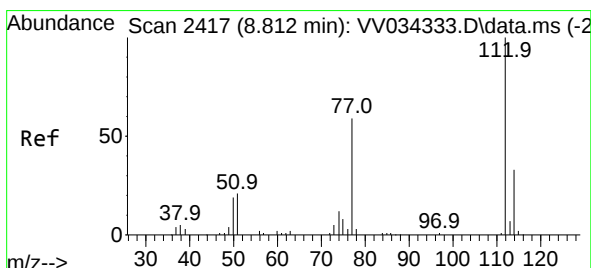
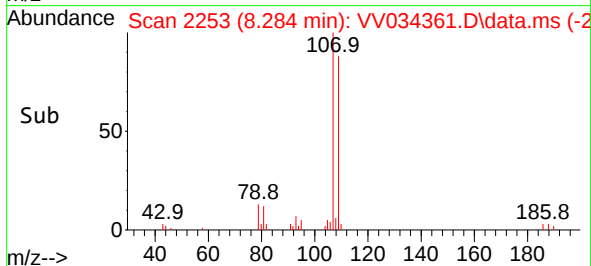
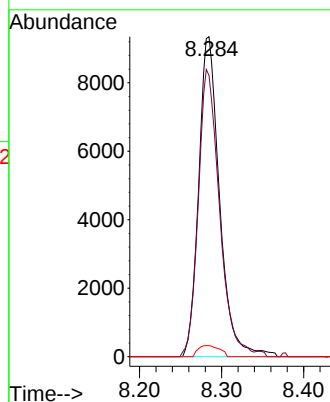
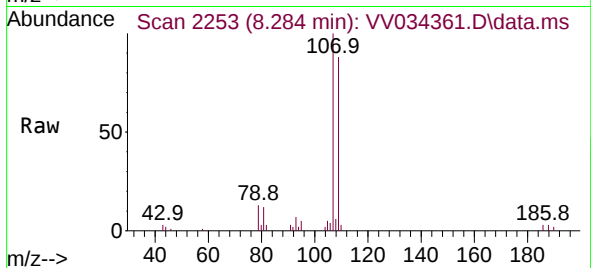
Acq: 23 Feb 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	16522
Ion	Ratio	Lower	Upper
107	100		
109	87.9	64.5	119.9
188	3.4	2.6	4.0



#51

Chlorobenzene

Concen: 5.538 ug/L

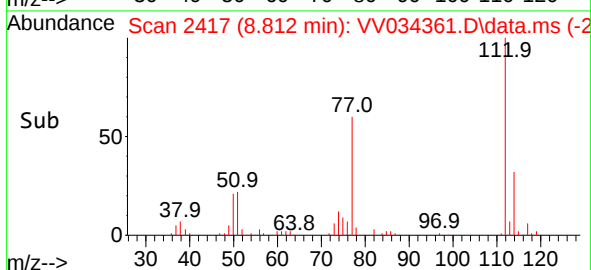
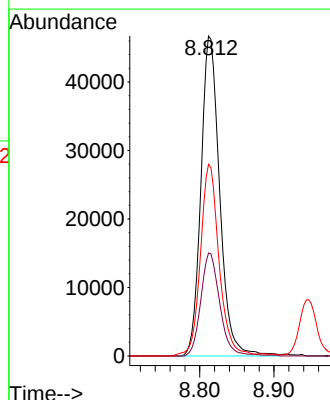
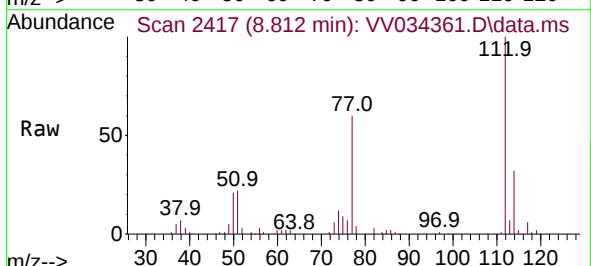
RT: 8.812 min Scan# 2417

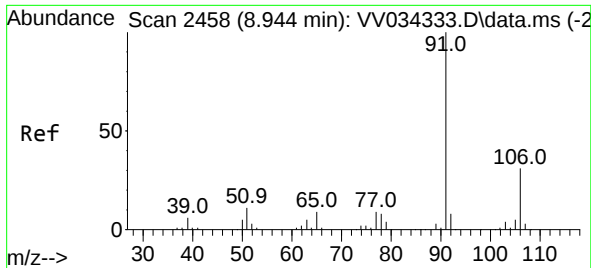
Delta R.T. 0.000 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

Tgt Ion:	112	Resp:	82019
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.7
77	59.9	48.1	72.1

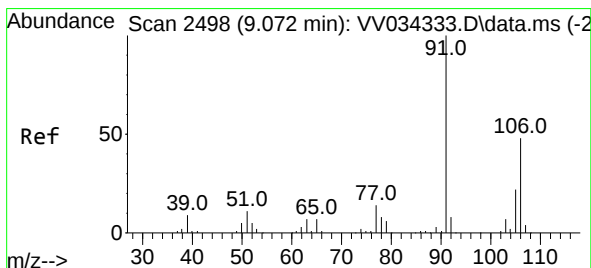
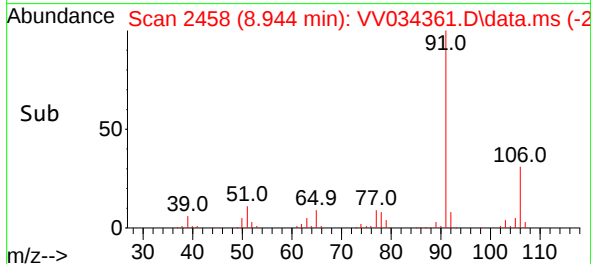
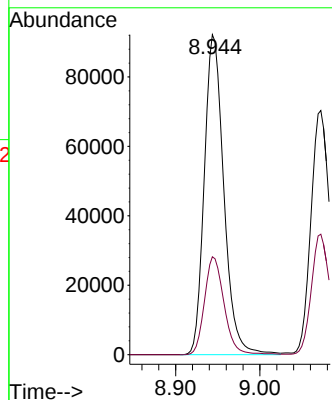
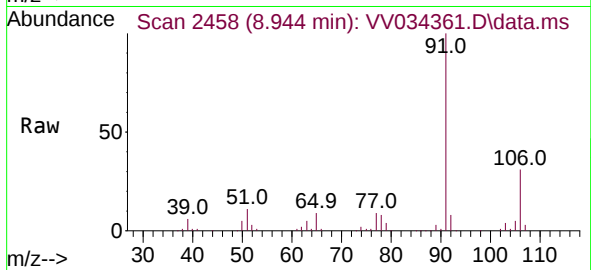




#52
Ethylbenzene
Concen: 5.532 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

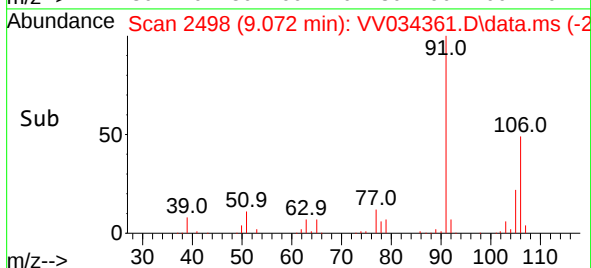
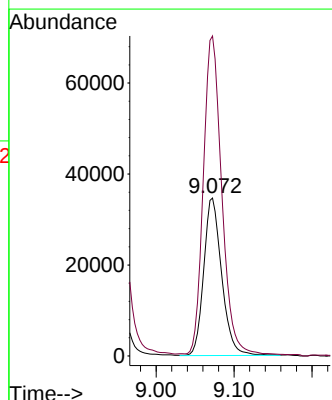
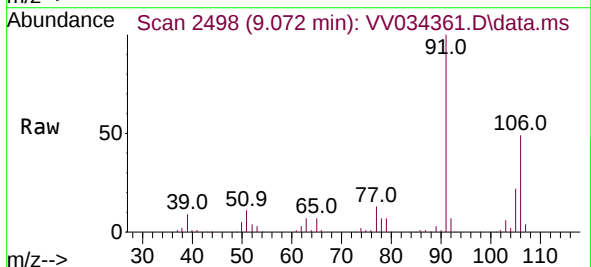
Instrument :
MSVOA_V
ClientSampleId :

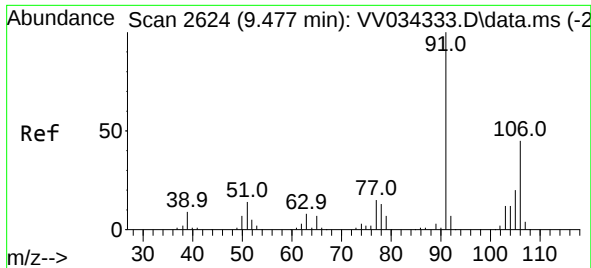
Tgt Ion: 91 Resp: 149141
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 5.432 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

Tgt Ion: 106 Resp: 55339
Ion Ratio Lower Upper
106 100
91 202.7 147.5 273.9

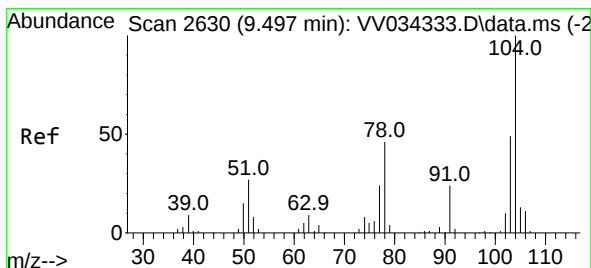
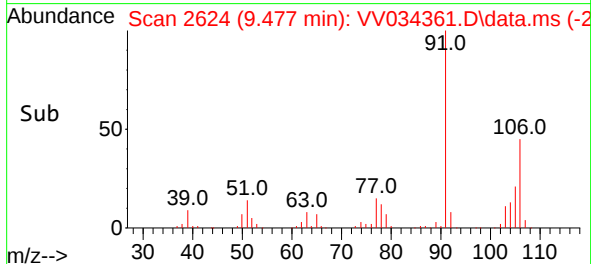
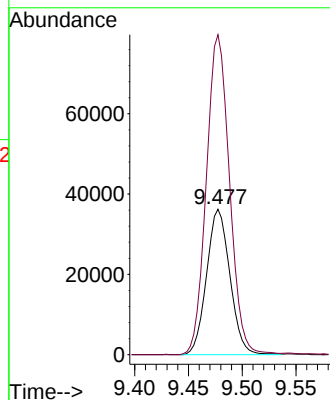
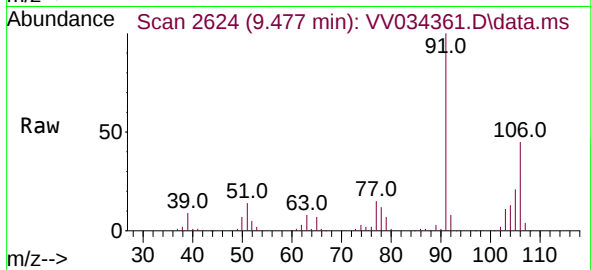




#54
o-Xylene
Concen: 5.567 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

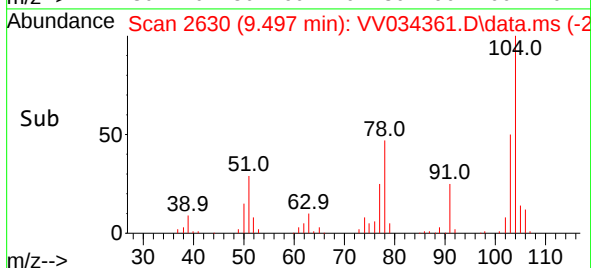
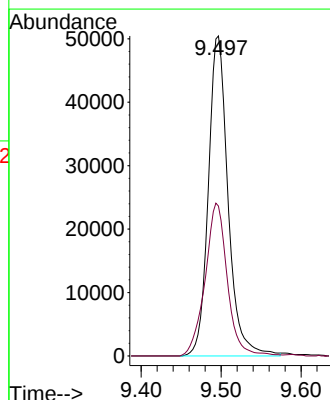
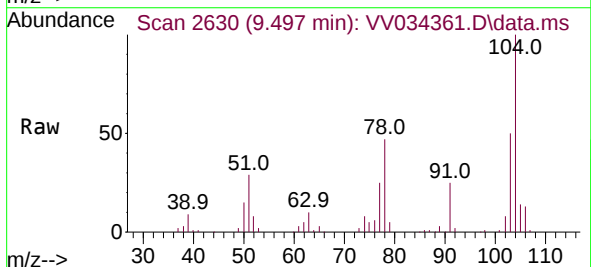
Instrument :
MSVOA_V
ClientSampleId :

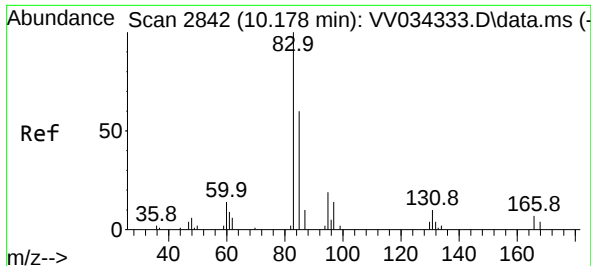
Tgt Ion:106 Resp: 54696
Ion Ratio Lower Upper
106 100
91 220.0 156.2 290.0



#55
Styrene
Concen: 5.499 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

Tgt Ion:104 Resp: 86506
Ion Ratio Lower Upper
104 100
78 46.9 32.9 61.1

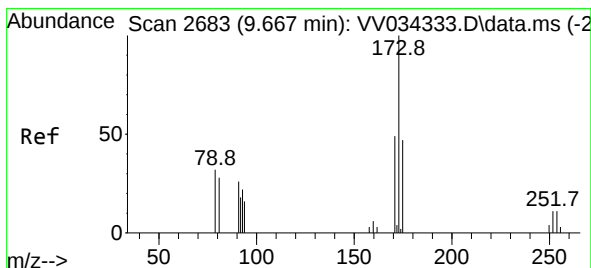
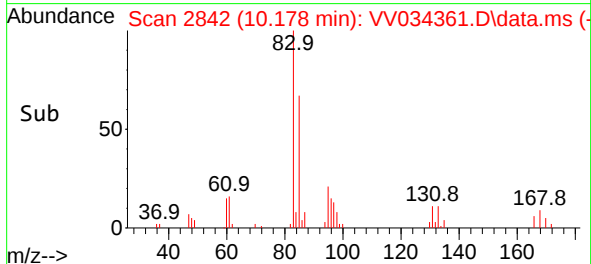
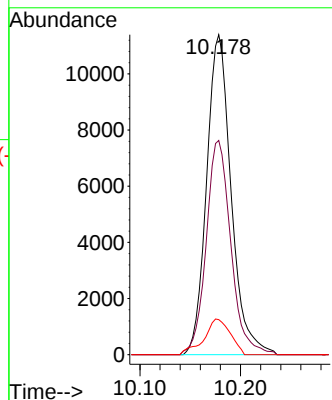
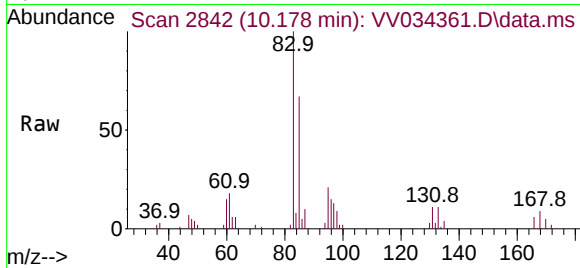




#57
1,1,2,2-Tetrachloroethane
Concen: 5.580 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

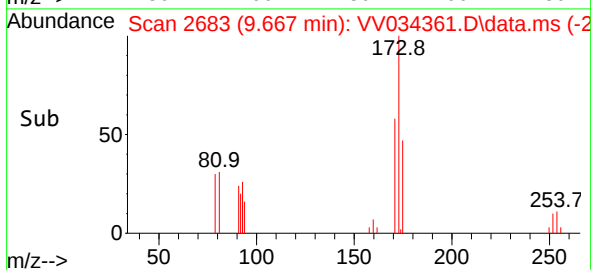
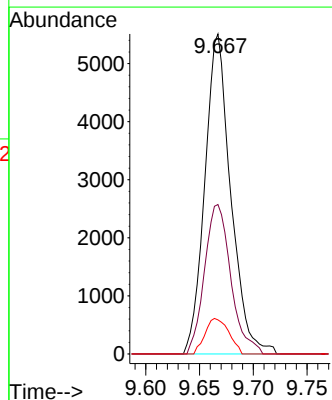
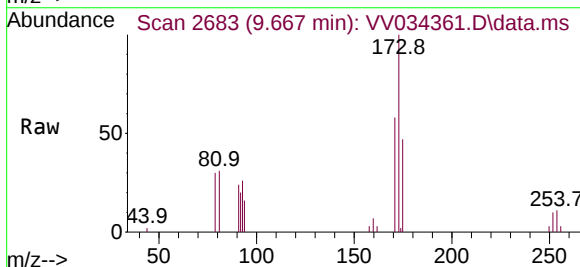
Instrument :
MSVOA_V
ClientSampleId :

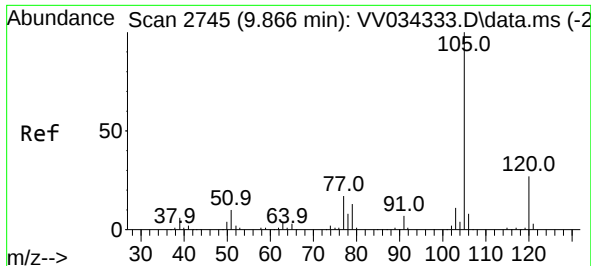
Tgt Ion:	83	Resp:	19304
Ion Ratio	Lower	Upper	
83	100		
85	67.0	46.5	86.3
131	10.9	8.4	12.6



#59
Bromoform
Concen: 4.525 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

Tgt Ion:	173	Resp:	9240
Ion Ratio	Lower	Upper	
173	100		
175	47.3	38.6	57.8
254	10.1	7.2	10.8

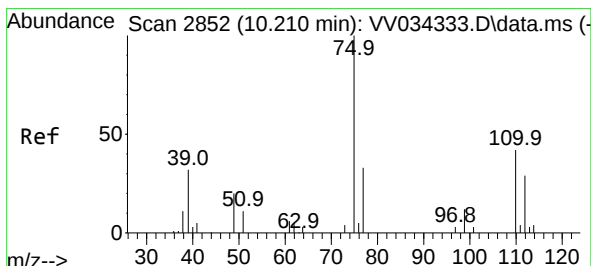
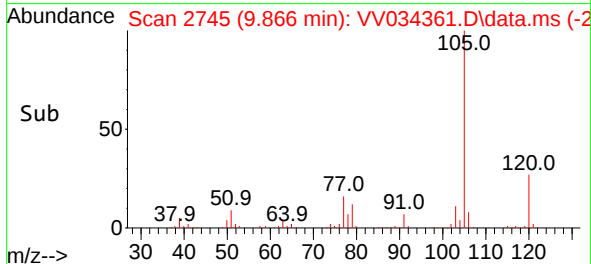
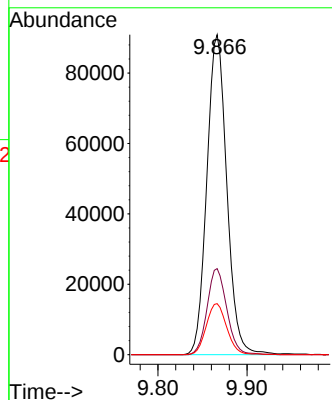
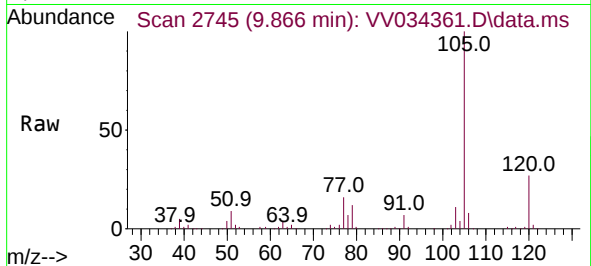




#60
Isopropylbenzene
Concen: 5.156 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

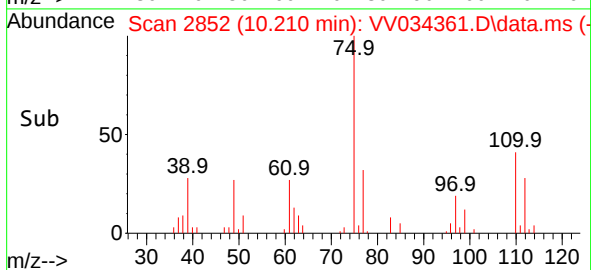
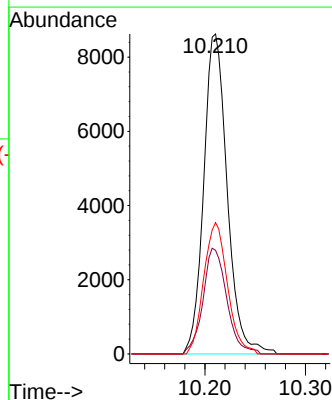
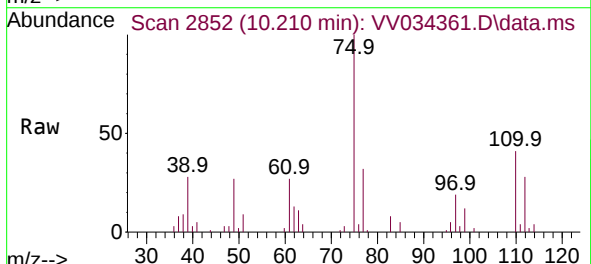
Instrument :
MSVOA_V
ClientSampleId :

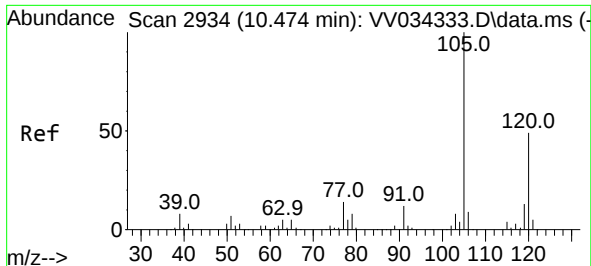
Tgt Ion:105 Resp: 141427
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 16.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.491 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

Tgt Ion: 75 Resp: 13995
Ion Ratio Lower Upper
75 100
77 33.4 26.9 40.3
110 41.5 33.3 49.9





#62

1,3,5-Trimethylbenzene

Concen: 5.374 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

Instrument :

MSVOA_V

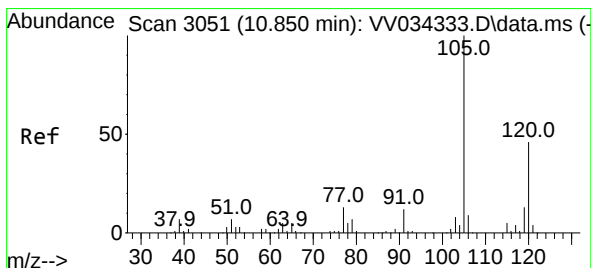
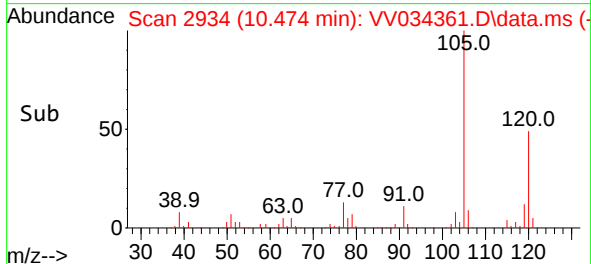
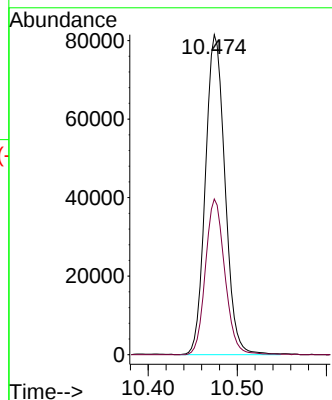
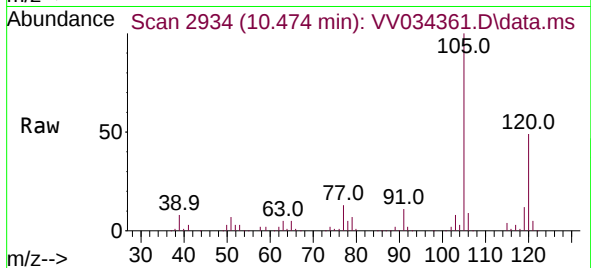
ClientSampleId :

Tgt Ion:105 Resp: 124613

Ion Ratio Lower Upper

105 100

120 48.2 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 5.476 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034361.D

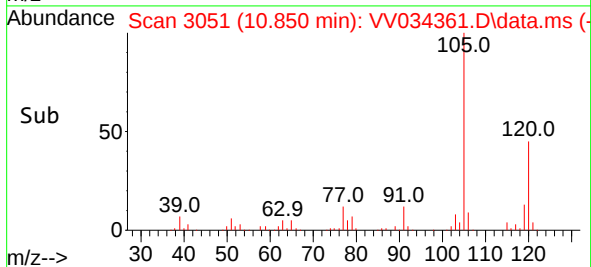
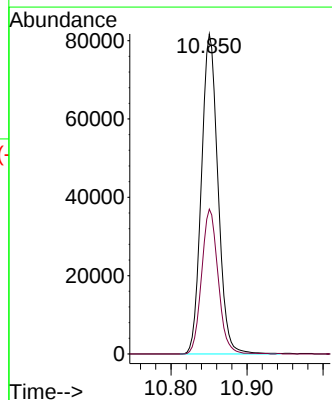
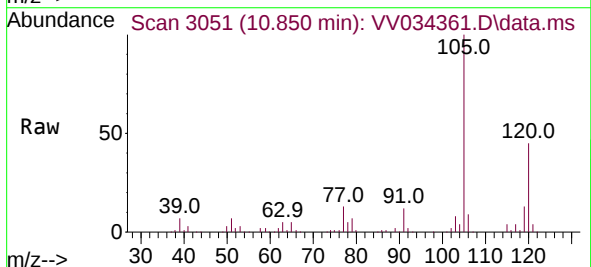
Acq: 23 Feb 2024 08:48

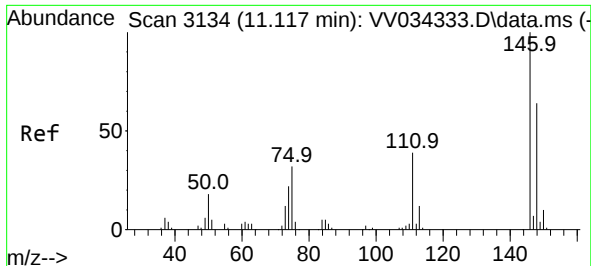
Tgt Ion:105 Resp: 123372

Ion Ratio Lower Upper

105 100

120 45.1 36.2 54.2

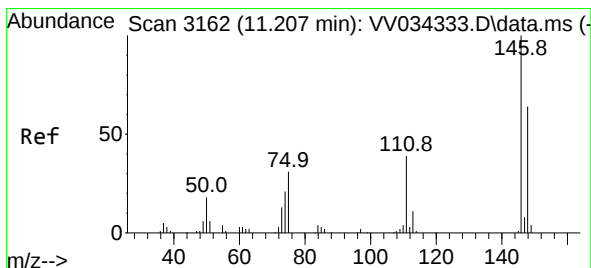
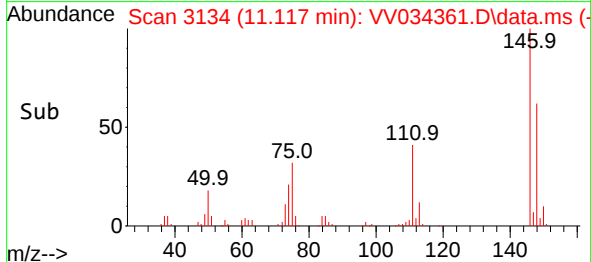
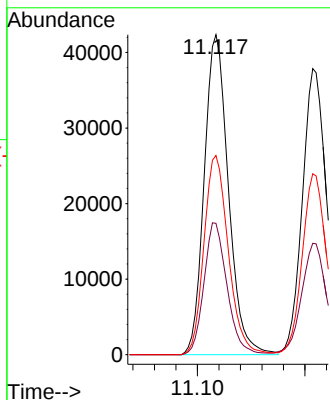
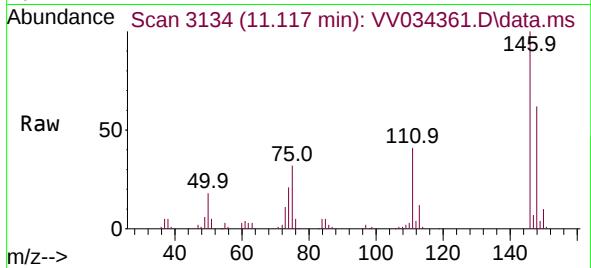




#64
1,3-Dichlorobenzene
Concen: 5.530 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

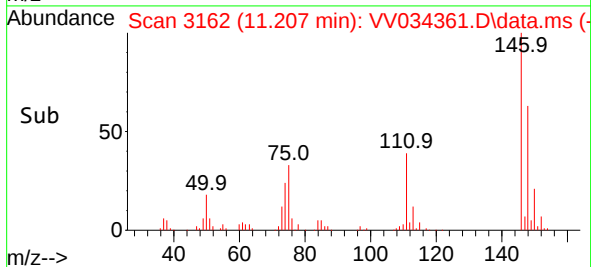
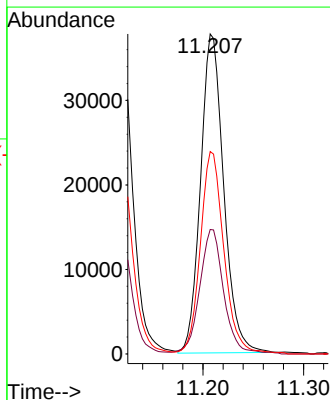
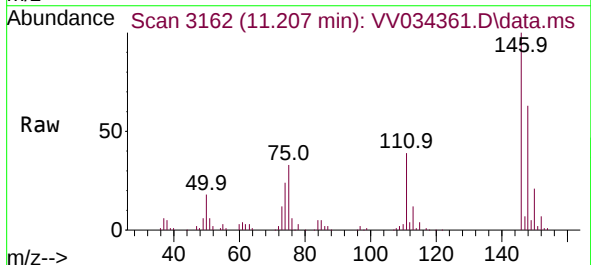
Instrument :
MSVOA_V
ClientSampleId :

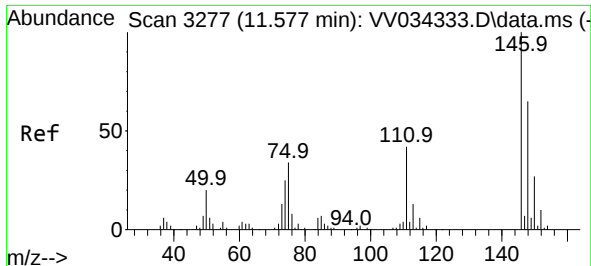
Tgt Ion:146 Resp: 66139
Ion Ratio Lower Upper
146 100
111 41.1 28.5 52.9
148 62.2 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.099 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034361.D
Acq: 23 Feb 2024 08:48

Tgt Ion:146 Resp: 60384
Ion Ratio Lower Upper
146 100
111 38.9 27.6 51.4
148 63.3 44.8 83.2

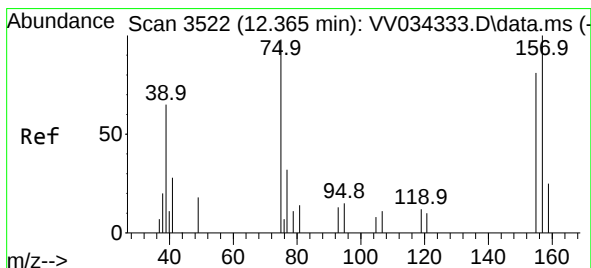
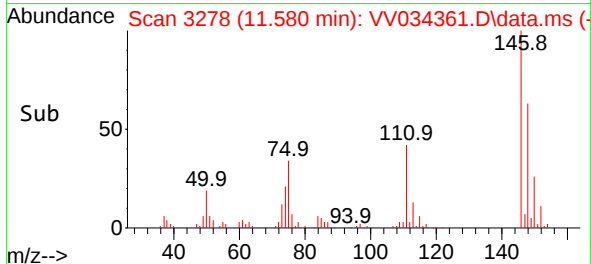
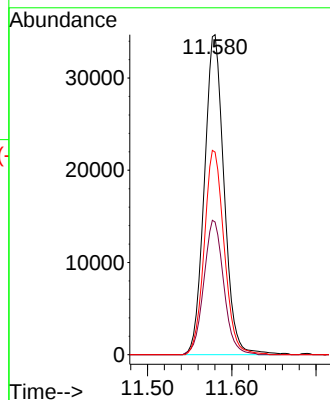
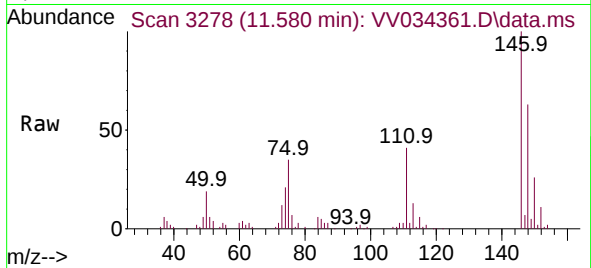




#67
 1,2-Dichlorobenzene
 Concen: 5.506 ug/L
 RT: 11.580 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV034361.D
 Acq: 23 Feb 2024 08:48

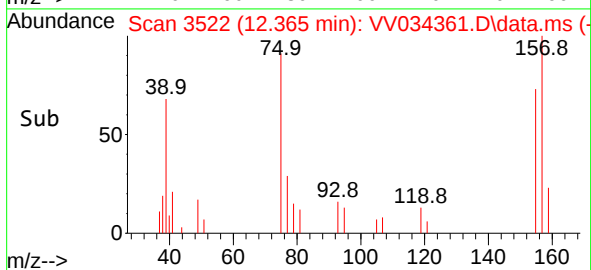
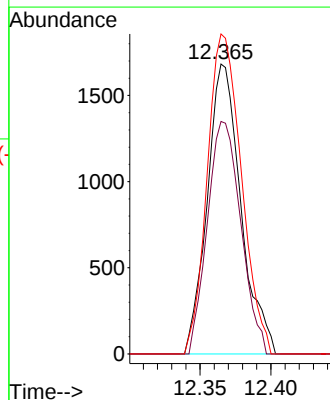
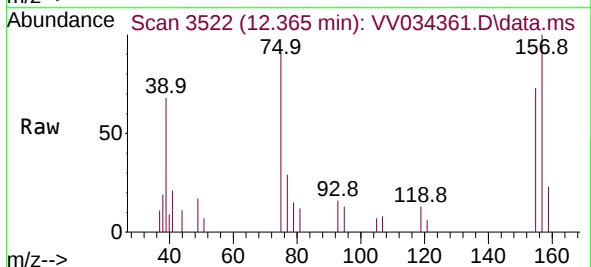
Instrument :
 MSVOA_V
 ClientSampleId :

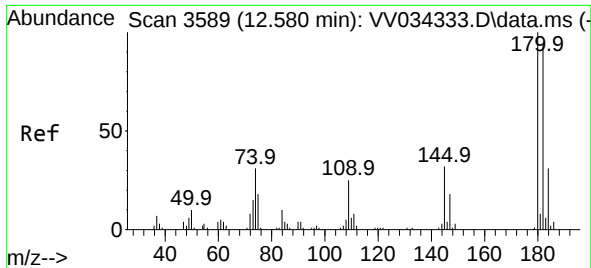
Tgt Ion:146 Resp: 56559
 Ion Ratio Lower Upper
 146 100
 111 41.5 31.2 46.8
 148 63.3 49.8 74.8



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.198 ug/L
 RT: 12.365 min Scan# 3522
 Delta R.T. 0.000 min
 Lab File: VV034361.D
 Acq: 23 Feb 2024 08:48

Tgt Ion: 75 Resp: 2776
 Ion Ratio Lower Upper
 75 100
 155 80.2 68.9 103.3
 157 110.4 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 5.242 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

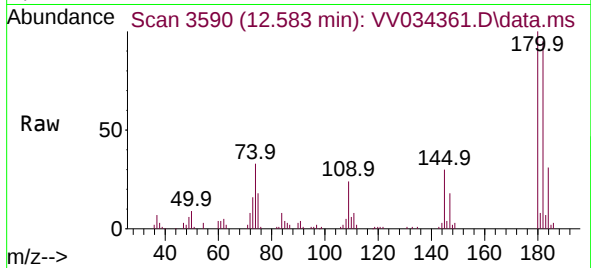
Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 48520

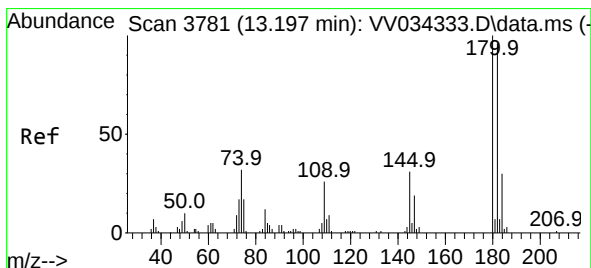
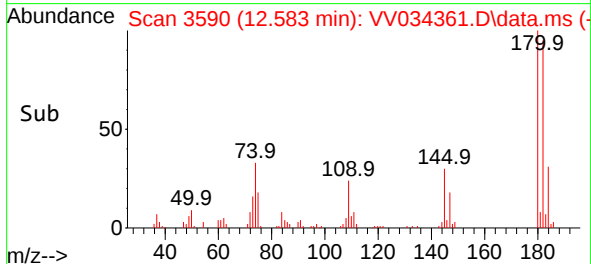
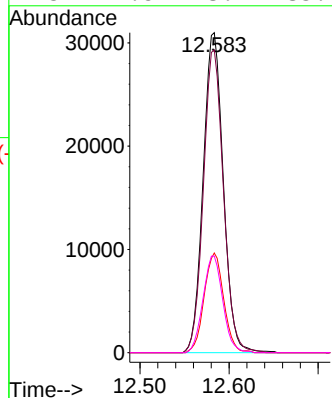
Ion Ratio Lower Upper

180 100

182 94.4 77.0 115.4

184 30.3 23.8 35.6

145 29.8 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 5.162 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

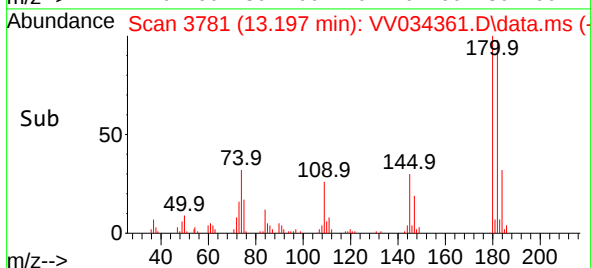
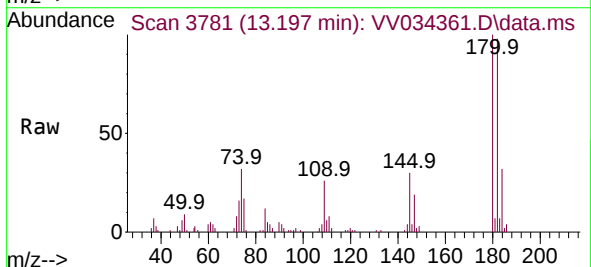
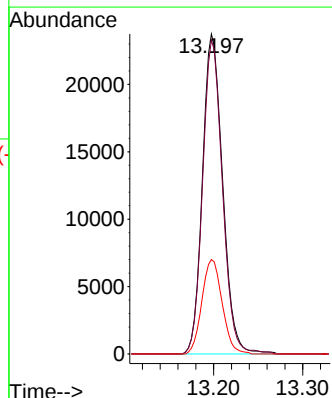
Tgt Ion:180 Resp: 37298

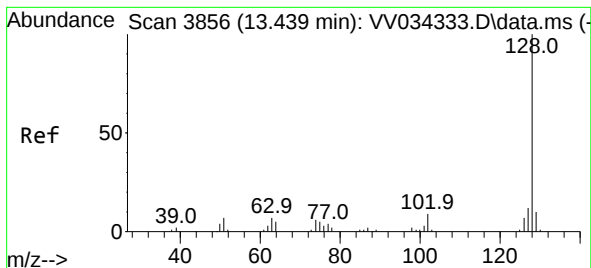
Ion Ratio Lower Upper

180 100

182 96.3 76.8 115.2

145 29.6 24.8 37.2





#71

Naphthalene

Concen: 4.946 ug/L

RT: 13.442 min Scan# 3856

Delta R.T. 0.003 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

Instrument :

MSVOA_V

ClientSampleId :

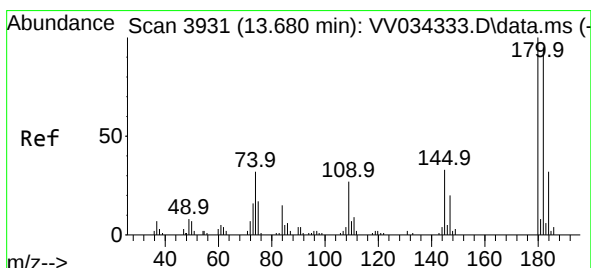
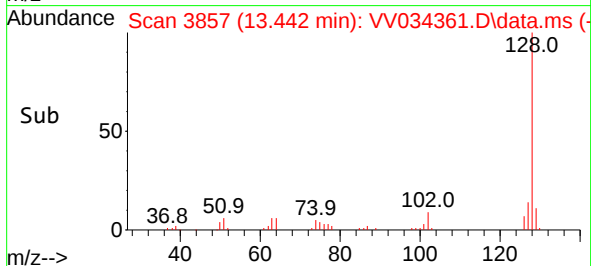
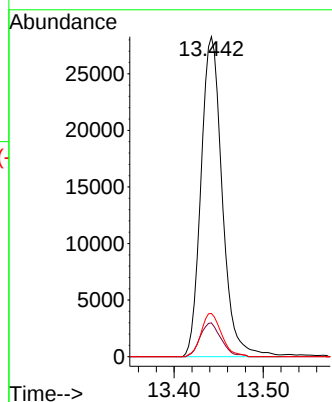
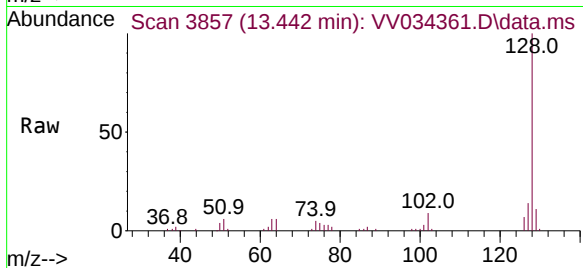
Tgt Ion:128 Resp: 46827

Ion Ratio Lower Upper

128 100

129 10.5 8.5 12.7

127 13.1 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.326 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034361.D

Acq: 23 Feb 2024 08:48

Tgt Ion:180 Resp: 30833

Ion Ratio Lower Upper

180 100

182 97.3 75.0 112.6

145 32.3 25.2 37.8

