

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062122\
 Data File : VW026501.D
 Acq On : 21 Jun 2022 20:14
 Operator : SY/MD
 Sample : N3374-03MSD
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW4S6MSD

Quant Time: Jun 22 04:46:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 04:36:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	268104	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	247741	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	130691	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.327	65	61655	2.648	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.000%
7) Chloroethane-d5	1.587	69	56696	3.096	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.000%#
11) 1,1-Dichloroethene-d2	2.127	63	126828	3.172	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.915	46	122622	53.965	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.940%
24) Chloroform-d	4.365	84	153513	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.047	65	58775	4.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
32) Benzene-d6	5.063	84	301405	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.079	67	87592	4.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.320	98	282717	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.629	79	17548	2.800	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.000%
46) 2-Hexanone-d5	8.092	63	114714	60.583	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.160%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61665	5.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	102460	5.090	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.150	85	86518	4.316	ug/L	100
3) Chloromethane	1.259	50	76383	3.432	ug/L	100
5) Vinyl chloride	1.330	62	83420	3.605	ug/L #	17
6) Bromomethane	1.542	94	46343	3.583	ug/L	99
8) Chloroethane	1.603	64	57399	3.995	ug/L	88
9) Trichlorofluoromethane	1.770	101	130421	4.083	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.137	101	78440	4.234	ug/L	99
12) 1,1-Dichloroethene	2.137	96	69410	4.098	ug/L	92
13) Acetone	2.204	43	246610	140.046	ug/L	86
14) Carbon disulfide	2.314	76	224081	5.366	ug/L	99
15) Methyl Acetate	2.458	43	24262	5.742	ug/L	94
16) Methylene chloride	2.526	84	75285	3.484	ug/L	96
17) Methyl tert-butyl Ether	2.790	73	150558	5.170	ug/L	98
18) trans-1,2-Dichloroethene	2.780	96	77246	4.702	ug/L	98
19) 1,1-Dichloroethane	3.208	63	154190	4.922	ug/L	97
21) 2-Butanone	3.995	43	143438	62.952	ug/L	89
22) cis-1,2-Dichloroethene	3.931	96	90168	5.425	ug/L	95
23) Bromochloromethane	4.269	128	35102	4.977	ug/L	91
25) Chloroform	4.391	83	161109	4.741	ug/L	100

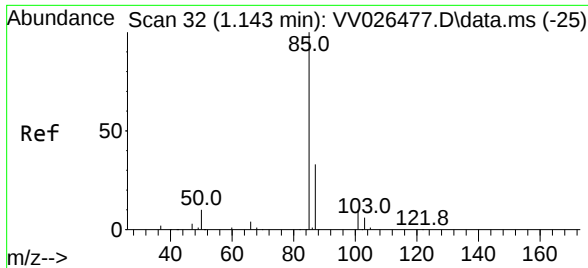
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	70765	4.575	ug/L	99
29) 1,1,1-Trichloroethane	4.622	97	143126	5.229	ug/L	98
30) Cyclohexane	4.690	56	101886	4.976	ug/L	98
31) Carbon tetrachloride	4.841	117	103578	4.468	ug/L	96
33) Benzene	5.111	78	406477	6.400	ug/L	100
34) Trichloroethene	5.921	95	87870	5.067	ug/L	93
35) Methylcyclohexane	6.140	83	116683	4.864	ug/L	98
37) 1,2-Dichloropropane	6.182	63	82797	4.984	ug/L #	96
38) Bromodichloromethane	6.516	83	100062	4.966	ug/L	97
39) cis-1,3-Dichloropropene	7.034	75	71472	3.770	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	364802	59.722	ug/L	94
42) Toluene	7.391	91	407692	6.103	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	48166	3.181	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	55966	5.133	ug/L	96
47) Tetrachloroethene	7.979	164	67104	5.224	ug/L	99
48) 2-Hexanone	8.140	43	234868	53.668	ug/L #	93
49) Dibromochloromethane	8.249	129	56082	4.644	ug/L	95
50) 1,2-Dibromoethane	8.355	107	48277	5.196	ug/L	88
51) Chlorobenzene	8.883	112	244223	5.599	ug/L	99
52) Ethylbenzene	9.014	91	419189	6.259	ug/L	97
53) m,p-Xylene	9.140	106	173612	6.651	ug/L	96
54) o-Xylene	9.545	106	155587	6.152	ug/L	99
55) Styrene	9.561	104	231208	5.444	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	66062	5.973	ug/L	97
59) Bromoform	9.731	173	20377	3.551	ug/L	98
60) Isopropylbenzene	9.931	105	449962	6.458	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	42815	5.049	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	365437	6.610	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	375352	6.859	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	197132	5.758	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	197064	5.664	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	173479	5.721	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7625	5.076	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	151785	6.132	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	125612	6.880	ug/L	99
71) Naphthalene	13.500	128	353959	13.964	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	101521	6.642	ug/L	98

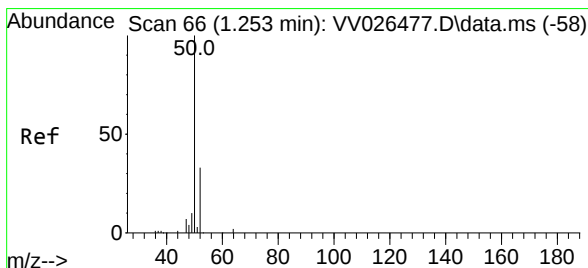
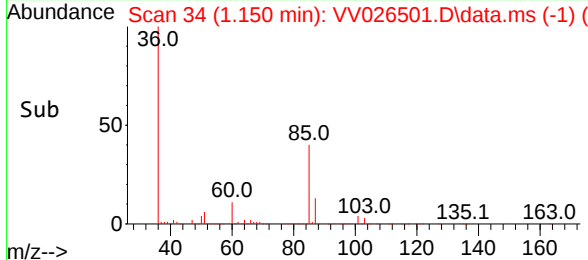
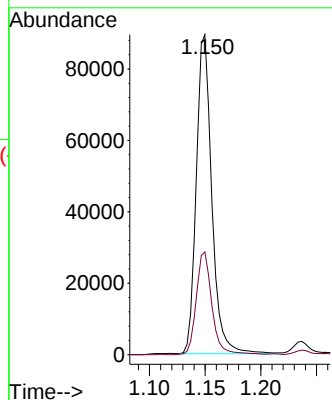
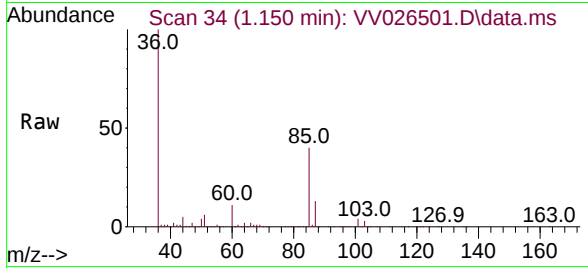
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.316 ug/L
 RT: 1.150 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: VV026501.D
 Acq: 21 Jun 2022 20:14

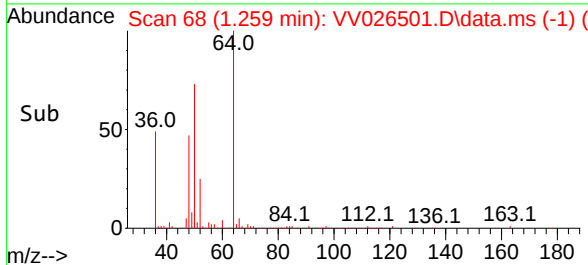
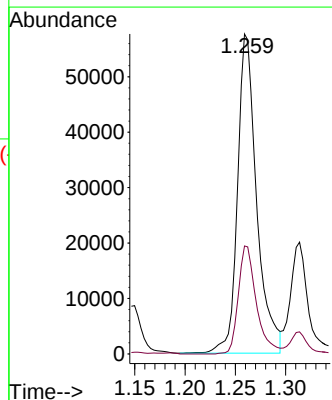
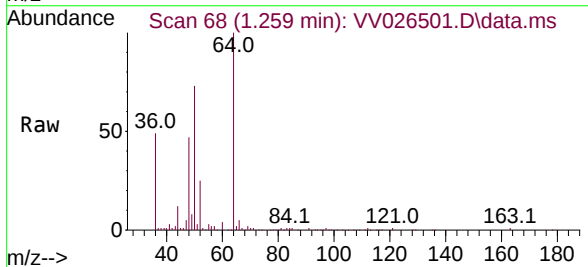
Instrument :
 MSVOA_V
 ClientSampleId :
 EW4S6MSD

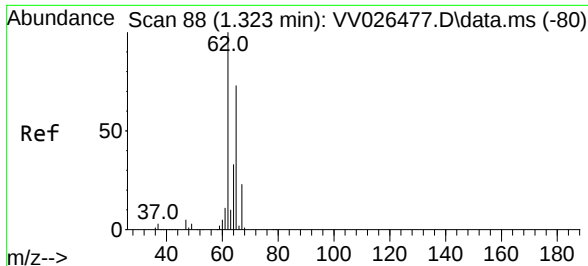
Tgt Ion: 85 Resp: 86518
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 3.432 ug/L
 RT: 1.259 min Scan# 68
 Delta R.T. 0.006 min
 Lab File: VV026501.D
 Acq: 21 Jun 2022 20:14

Tgt Ion: 50 Resp: 76383
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.7 44.1

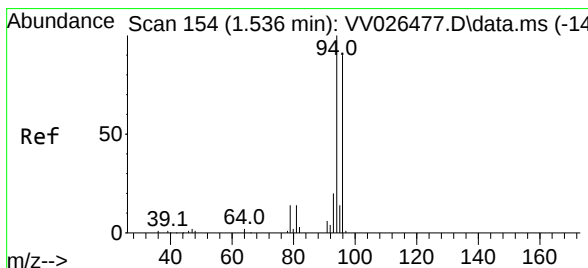
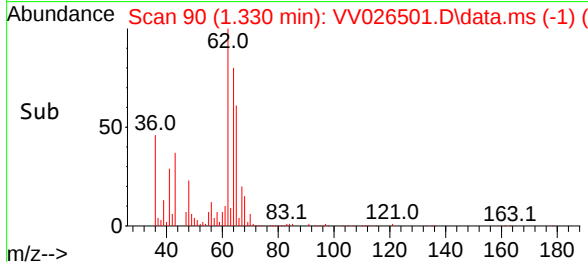
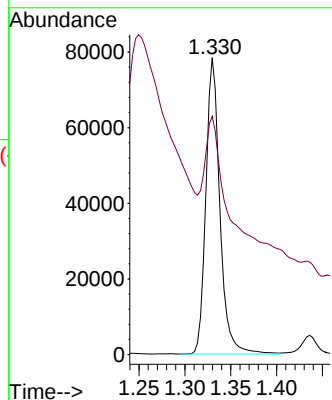
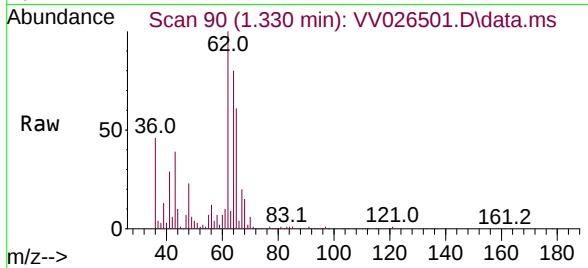




#5
 Vinyl chloride
 Concen: 3.605 ug/L
 RT: 1.330 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VV026501.D
 Acq: 21 Jun 2022 20:14

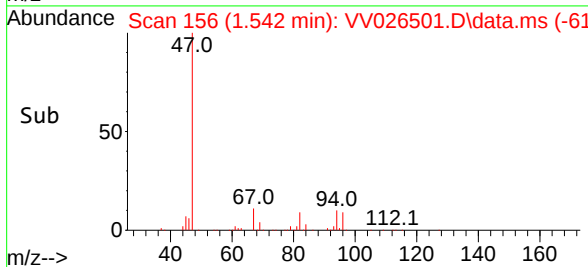
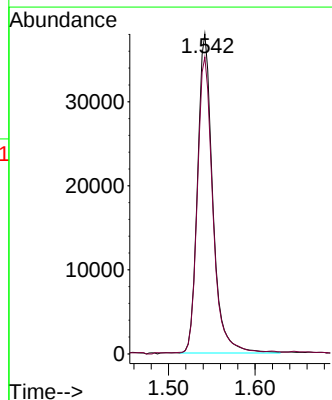
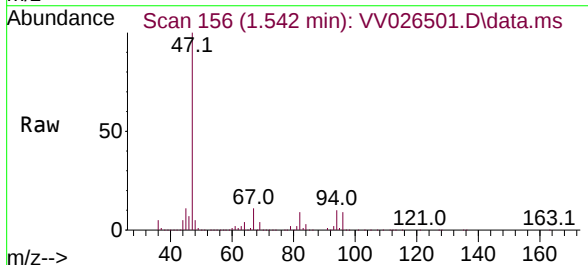
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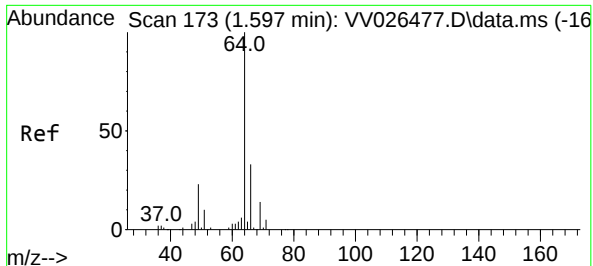
Tgt Ion: 62 Resp: 83420
 Ion Ratio Lower Upper
 62 100
 64 80.3 23.2 43.2#



#6
 Bromomethane
 Concen: 3.583 ug/L
 RT: 1.542 min Scan# 156
 Delta R.T. 0.006 min
 Lab File: VV026501.D
 Acq: 21 Jun 2022 20:14

Tgt Ion: 94 Resp: 46343
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.7 121.9

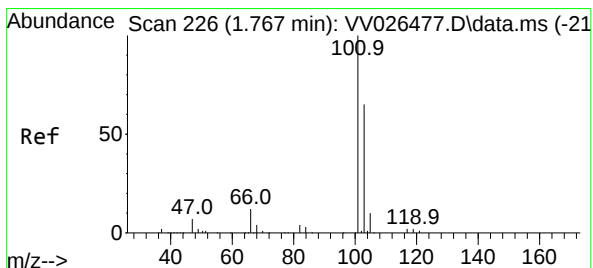
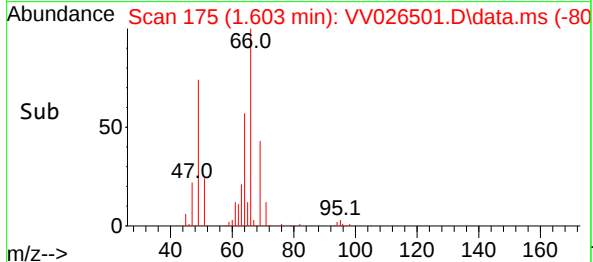
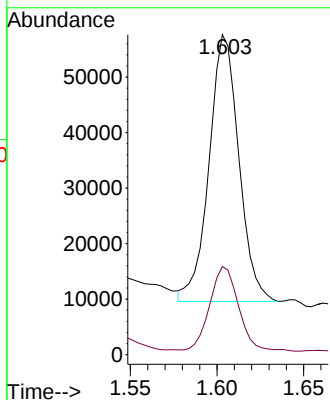
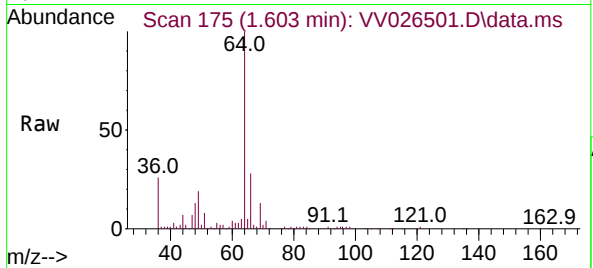




#8
Chloroethane
Concen: 3.995 ug/L
RT: 1.603 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

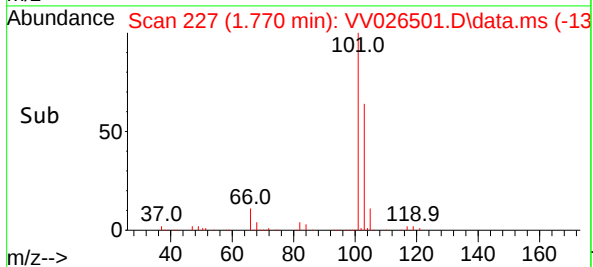
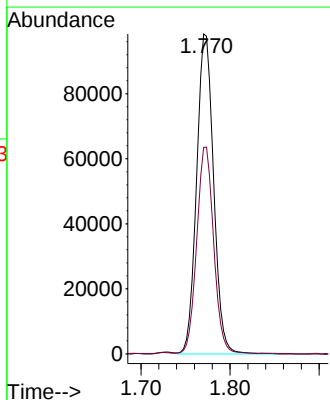
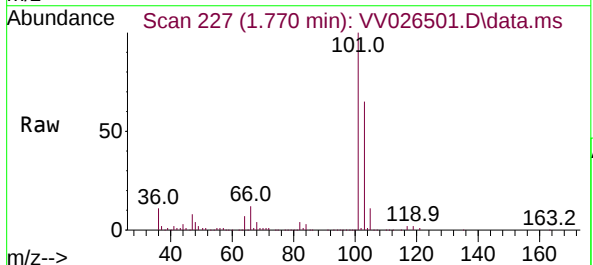
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ClientSampleId :
EW4S6MSD

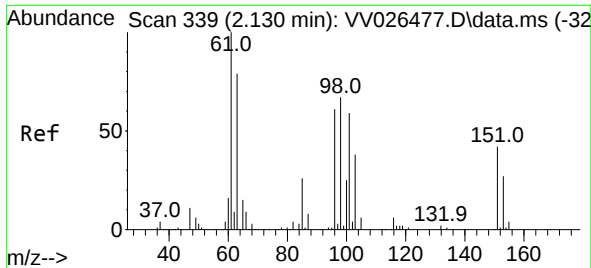
Tgt Ion: 64 Resp: 57399
Ion Ratio Lower Upper
64 100
66 27.5 24.1 44.7



#9
Trichlorofluoromethane
Concen: 4.083 ug/L
RT: 1.770 min Scan# 227
Delta R.T. 0.003 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

Tgt Ion: 101 Resp: 130421
Ion Ratio Lower Upper
101 100
103 64.1 52.3 78.5

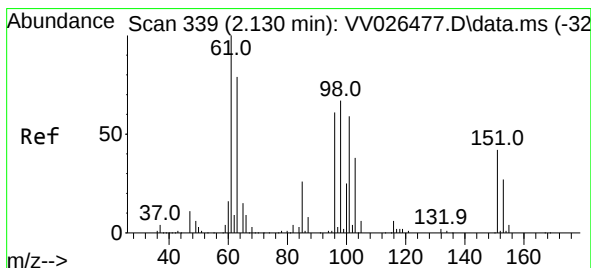
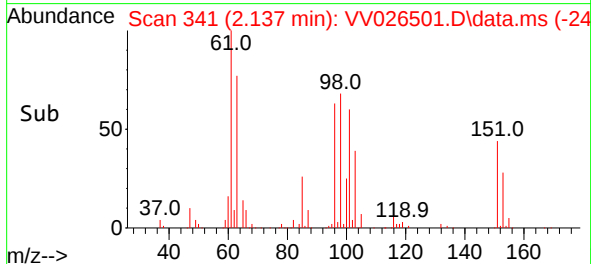
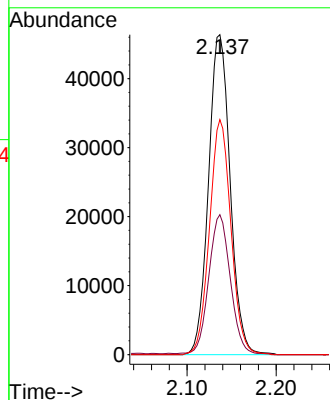
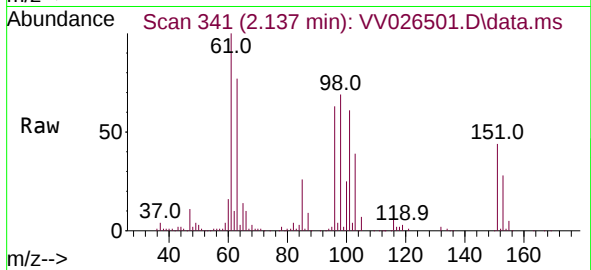




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.234 ug/L
RT: 2.137 min Scan# 341
Delta R.T. 0.006 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

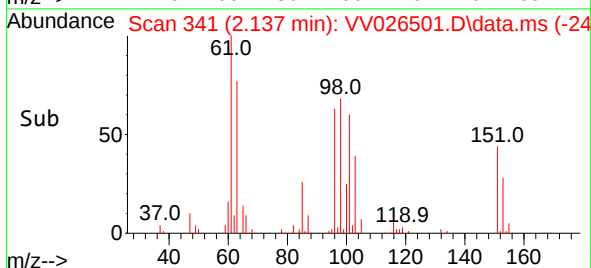
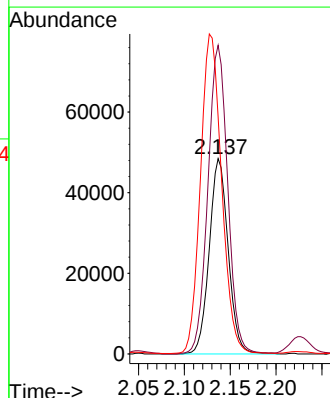
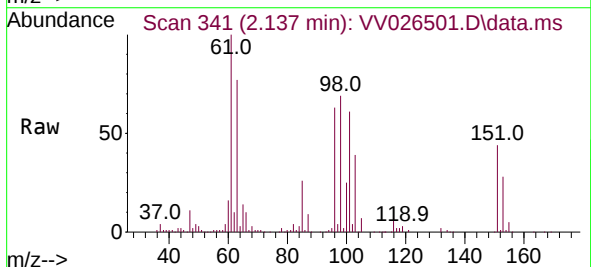
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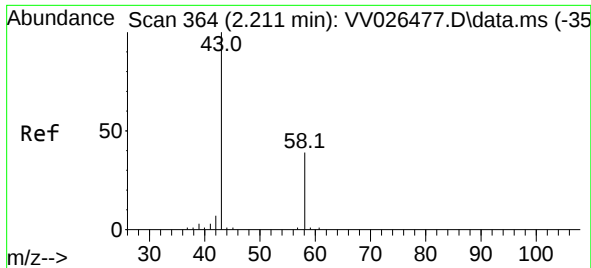
Tgt Ion:101 Resp: 78440
Ion Ratio Lower Upper
101 100
85 43.7 35.3 52.9
151 72.6 56.8 85.2



#12
1,1-Dichloroethene
Concen: 4.098 ug/L
RT: 2.137 min Scan# 341
Delta R.T. 0.006 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

Tgt Ion: 96 Resp: 69410
Ion Ratio Lower Upper
96 100
61 158.0 117.1 217.5
63 121.3 92.8 172.4





#13

Acetone

Concen: 140.046 ug/L

RT: 2.204 min Scan# 30

Delta R.T. -0.006 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

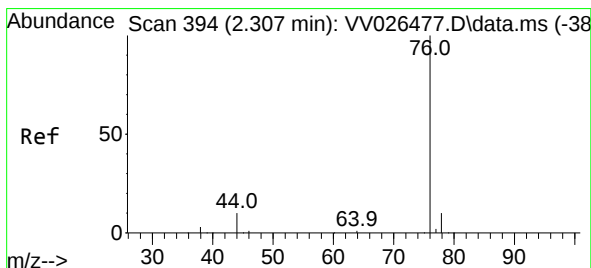
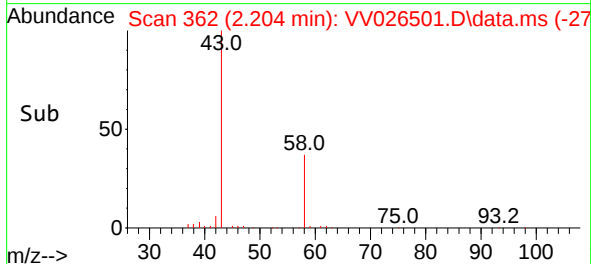
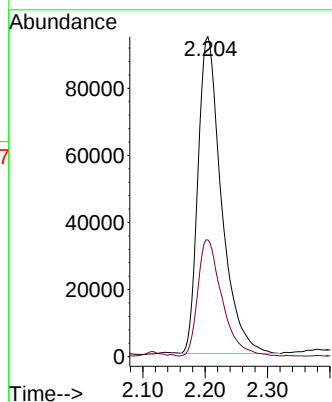
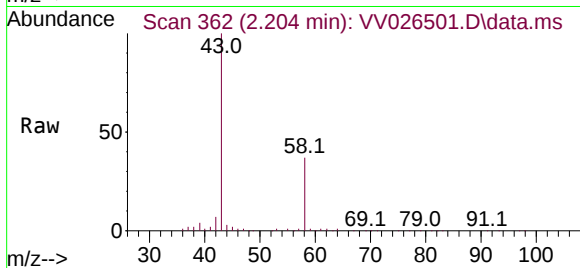
EW4S6MSD

Tgt Ion: 43 Resp: 246610

Ion Ratio Lower Upper

43 100

58 37.8 0.0 60.0



#14

Carbon disulfide

Concen: 5.366 ug/L

RT: 2.314 min Scan# 396

Delta R.T. 0.006 min

Lab File: VV026501.D

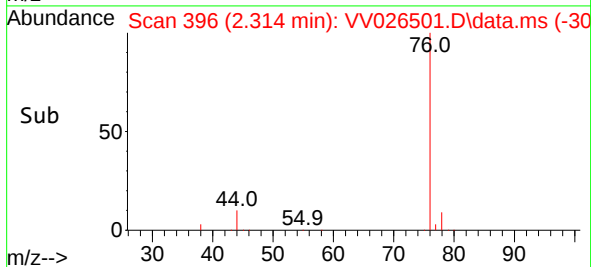
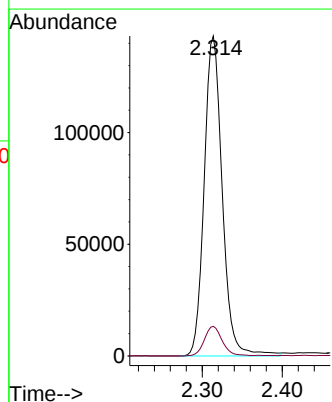
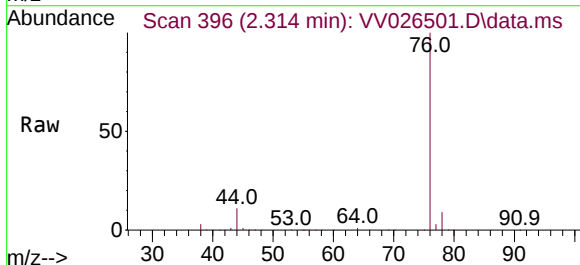
Acq: 21 Jun 2022 20:14

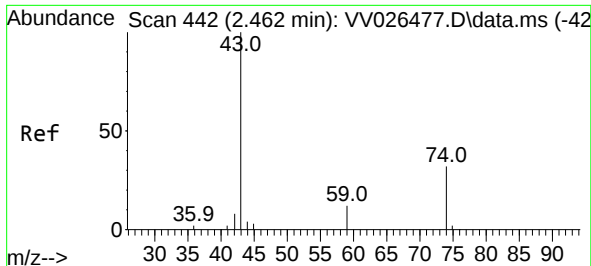
Tgt Ion: 76 Resp: 224081

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

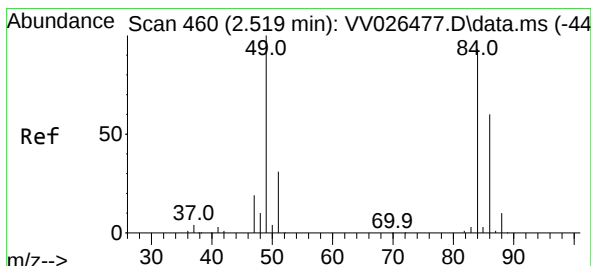
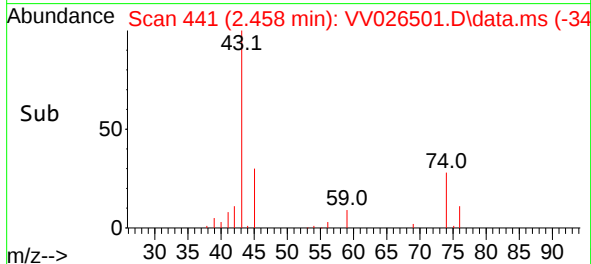
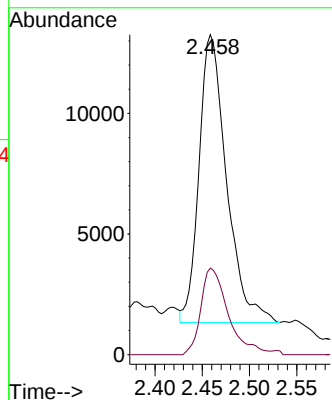
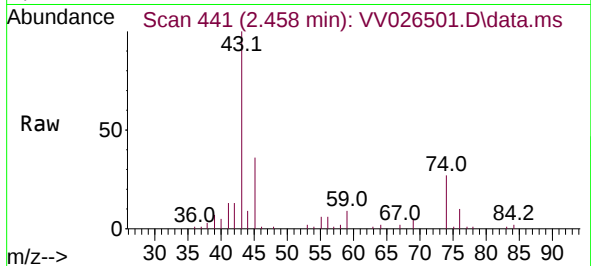




#15
Methyl Acetate
Concen: 5.742 ug/L
RT: 2.458 min Scan# 441
Delta R.T. -0.003 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

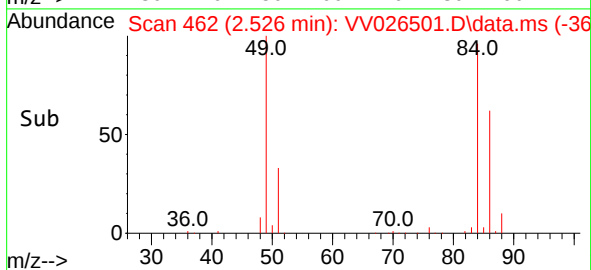
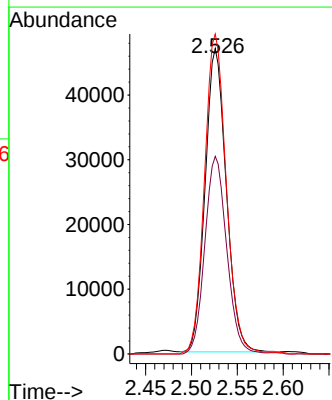
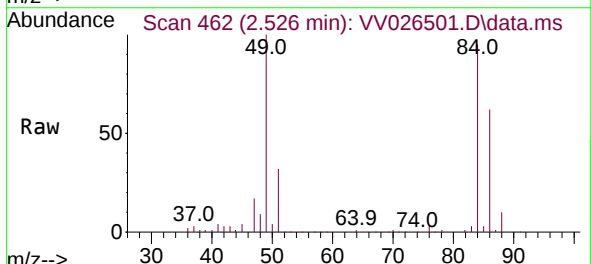
Instrument :
MSVOA_V
ClientSampleId :
EW4S6MSD

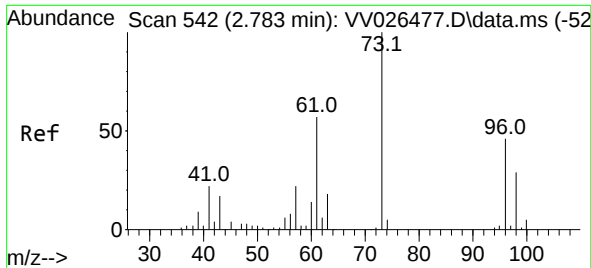
Tgt Ion: 43 Resp: 24262
Ion Ratio Lower Upper
43 100
74 29.8 21.4 32.0



#16
Methylene chloride
Concen: 3.484 ug/L
RT: 2.526 min Scan# 462
Delta R.T. 0.006 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

Tgt Ion: 84 Resp: 75285
Ion Ratio Lower Upper
84 100
86 64.7 44.0 81.8
49 104.8 77.3 143.7

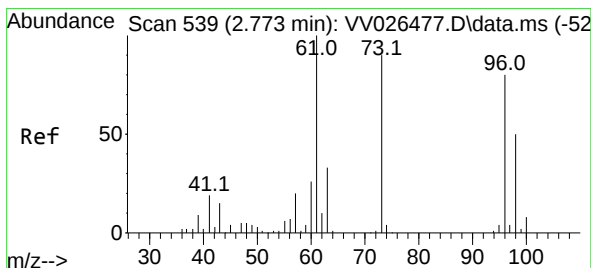
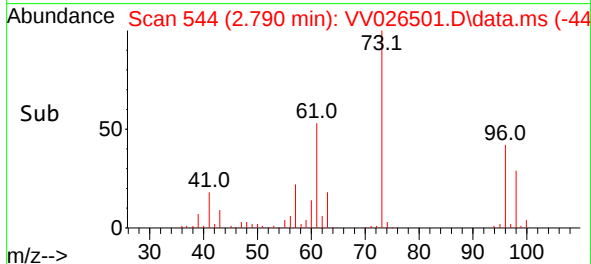
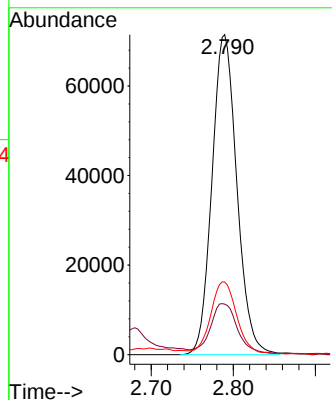
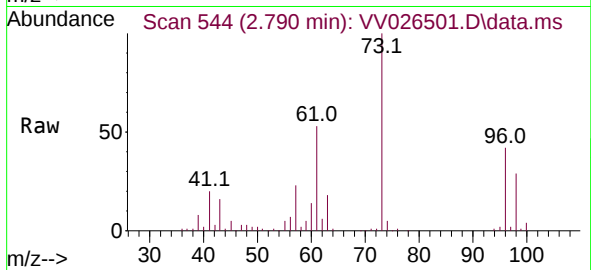




#17
Methyl tert-butyl Ether
Concen: 5.170 ug/L
RT: 2.790 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

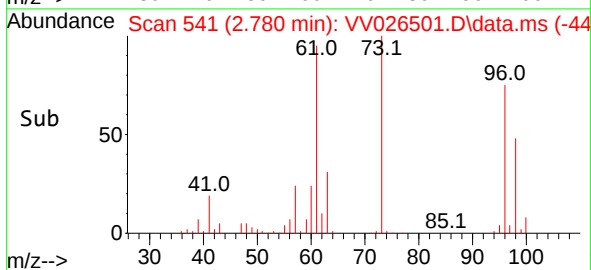
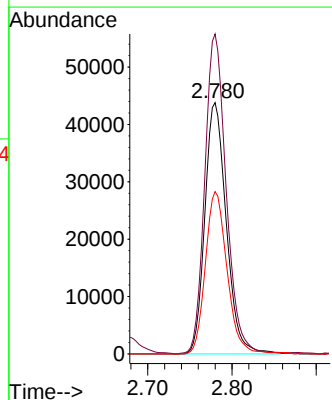
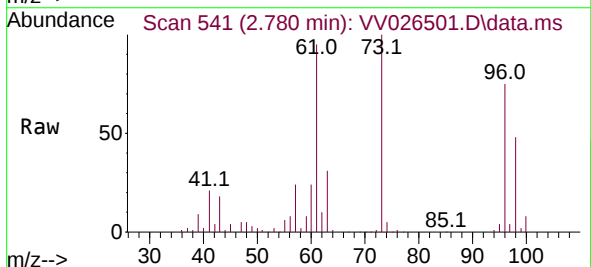
Instrument :
MSVOA_V
ClientSampleId :
EW4S6MSD

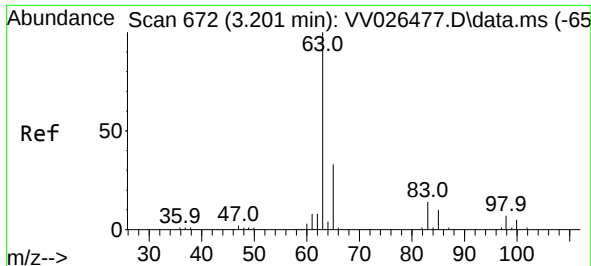
Tgt Ion: 73 Resp: 150558
Ion Ratio Lower Upper
73 100
43 16.8 13.0 19.6
57 23.2 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 4.702 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.006 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

Tgt Ion: 96 Resp: 77246
Ion Ratio Lower Upper
96 100
61 127.4 91.3 169.6
98 64.6 45.3 84.1





#19

1,1-Dichloroethane

Concen: 4.922 ug/L

RT: 3.208 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EW4S6MSD

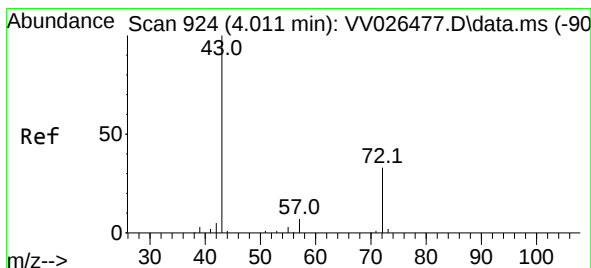
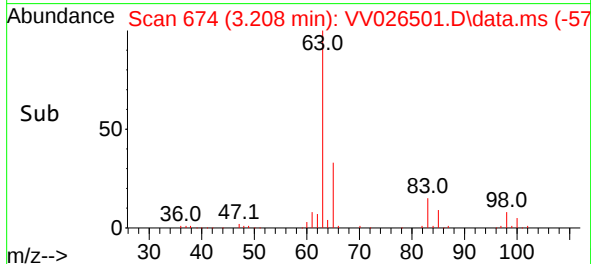
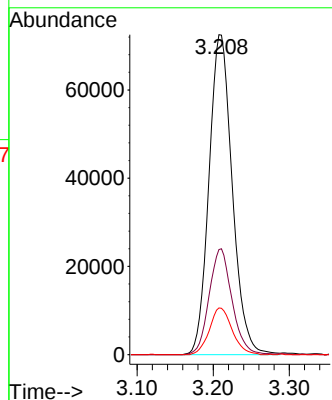
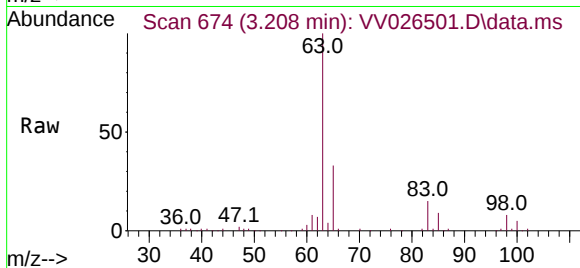
Tgt Ion: 63 Resp: 154190

Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.3

83 14.6 8.9 16.5



#21

2-Butanone

Concen: 62.952 ug/L

RT: 3.995 min Scan# 919

Delta R.T. -0.016 min

Lab File: VV026501.D

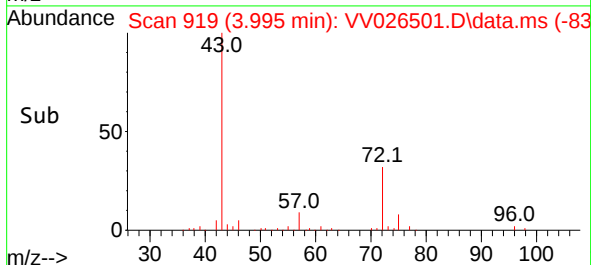
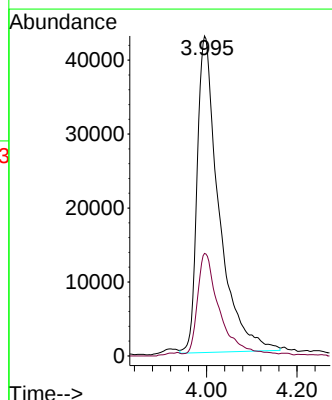
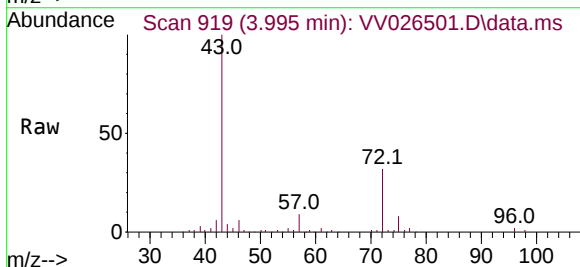
Acq: 21 Jun 2022 20:14

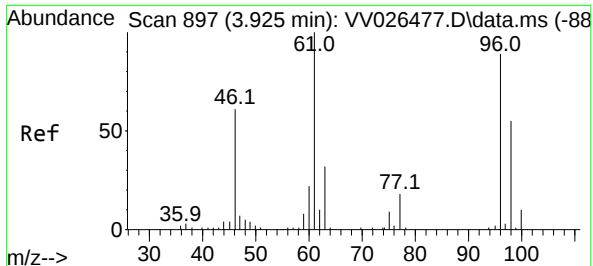
Tgt Ion: 43 Resp: 143438

Ion Ratio Lower Upper

43 100

72 30.9 12.7 38.0





#22

cis-1,2-Dichloroethene

Concen: 5.425 ug/L

RT: 3.931 min Scan# 899

Delta R.T. 0.006 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EW4S6MSD

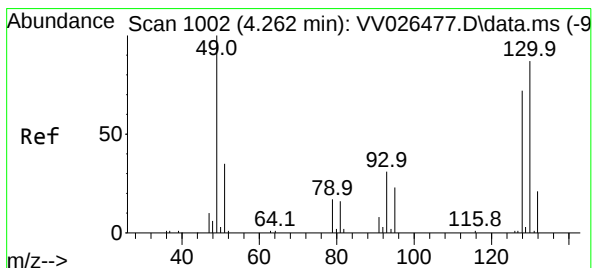
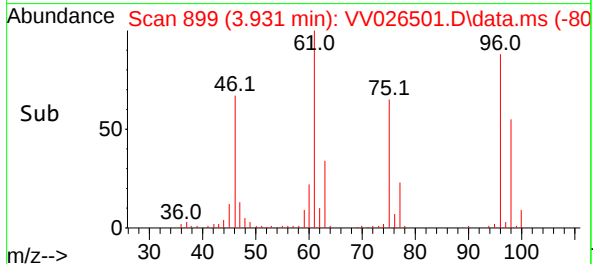
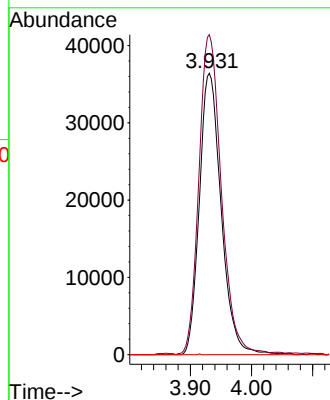
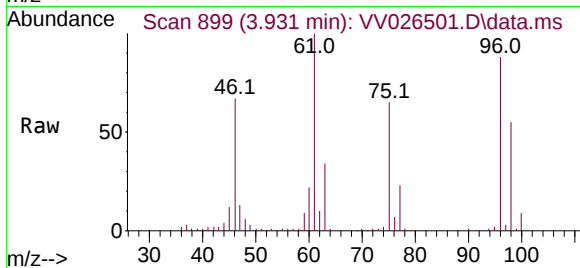
Tgt Ion: 96 Resp: 90168

Ion Ratio Lower Upper

96 100

61 113.7 83.6 155.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.977 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

Tgt Ion: 128 Resp: 35102

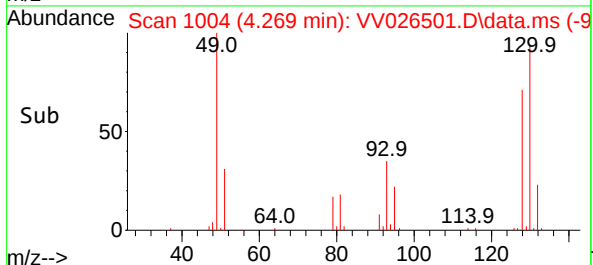
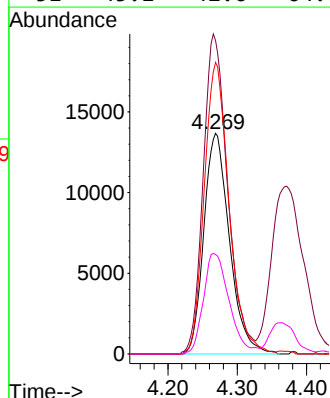
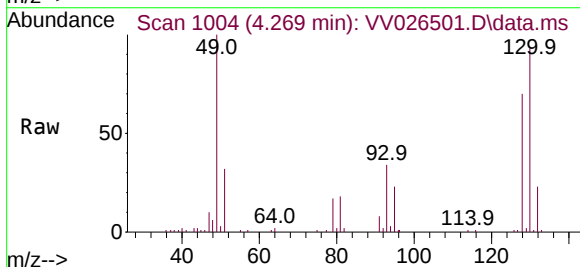
Ion Ratio Lower Upper

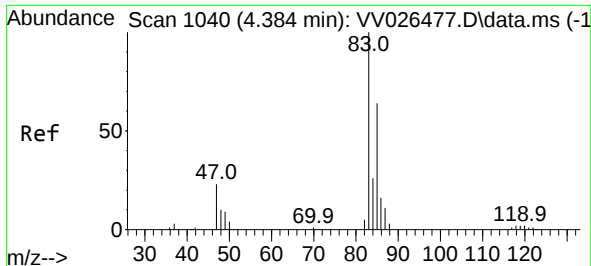
128 100

49 142.1 111.6 207.2

130 132.2 91.1 169.1

51 45.1 42.6 64.0





#25

Chloroform

Concen: 4.741 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

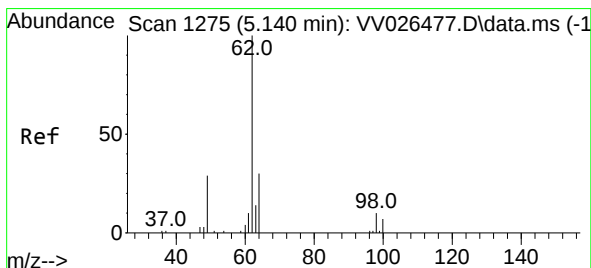
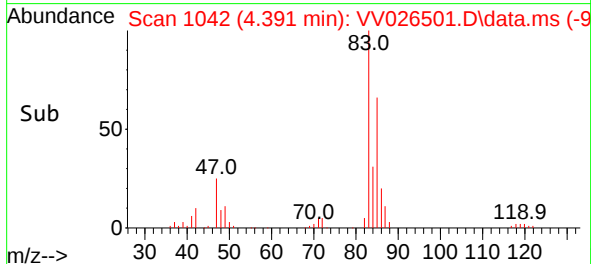
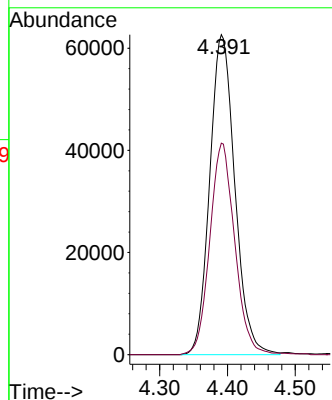
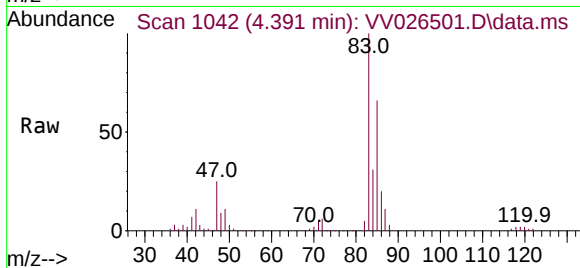
EW4S6MSD

Tgt Ion: 83 Resp: 161109

Ion Ratio Lower Upper

83 100

85 66.1 46.5 86.3



#27

1,2-Dichloroethane

Concen: 4.575 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.003 min

Lab File: VV026501.D

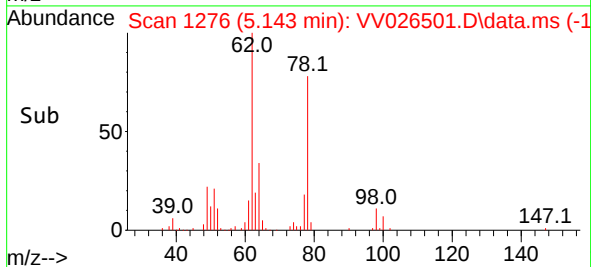
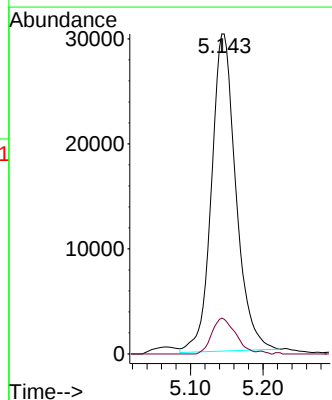
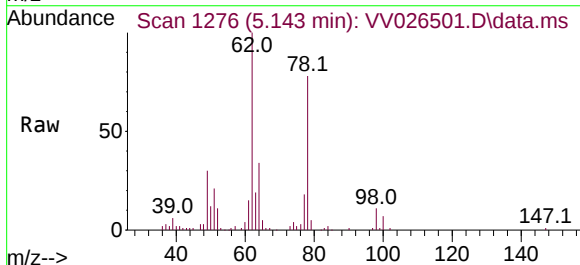
Acq: 21 Jun 2022 20:14

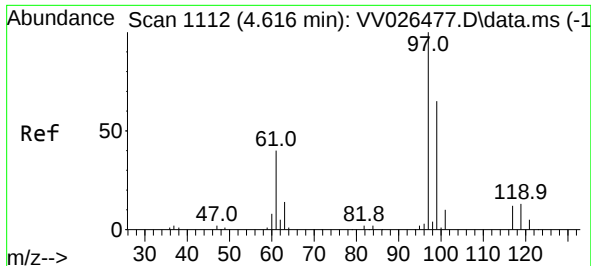
Tgt Ion: 62 Resp: 70765

Ion Ratio Lower Upper

62 100

98 11.2 8.6 13.0





#29

1,1,1-Trichloroethane

Concen: 5.229 ug/L

RT: 4.622 min Scan# 1114

Delta R.T. 0.006 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EW4S6MSD

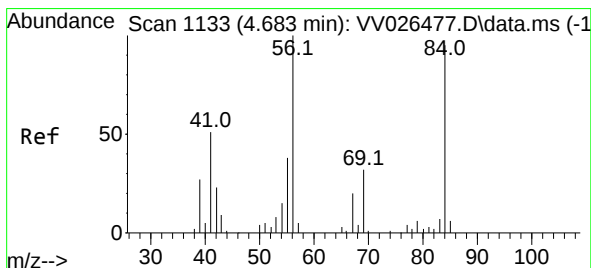
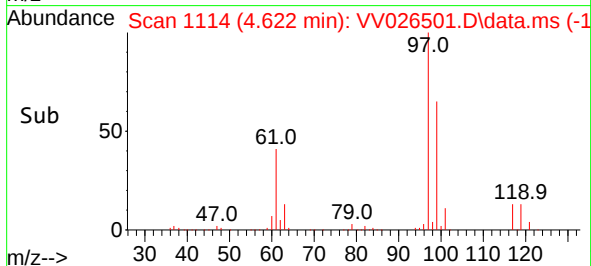
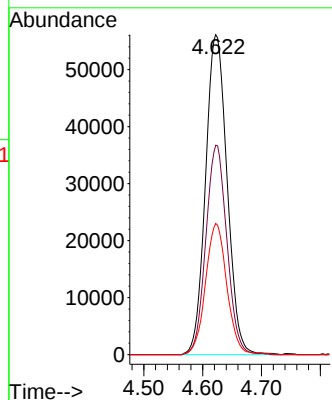
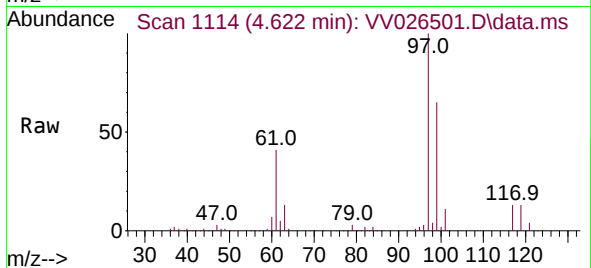
Tgt Ion: 97 Resp: 143126

Ion Ratio Lower Upper

97 100

99 63.8 50.3 75.5

61 40.3 33.4 50.0



#30

Cyclohexane

Concen: 4.976 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

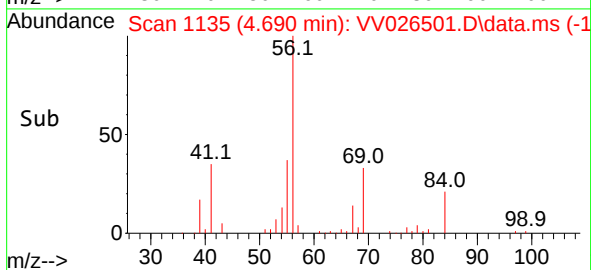
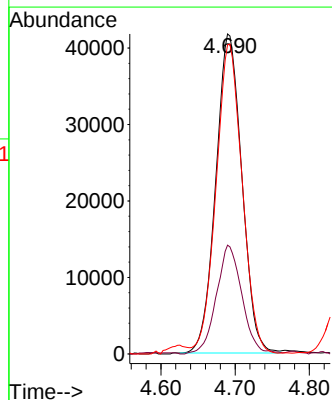
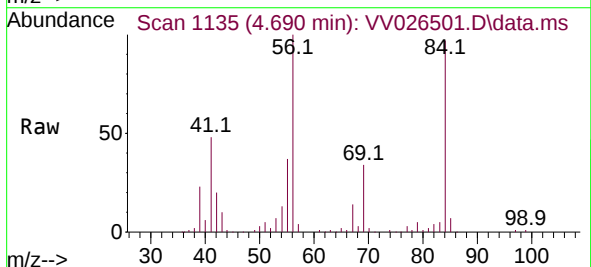
Tgt Ion: 56 Resp: 101886

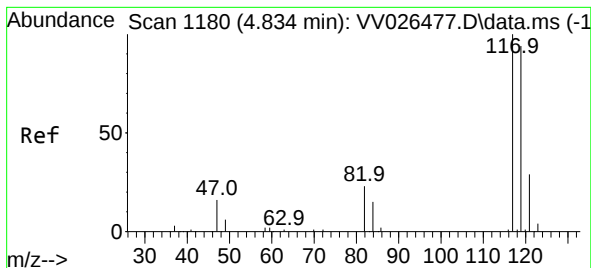
Ion Ratio Lower Upper

56 100

69 33.4 24.9 37.3

84 97.2 76.4 114.6





#31

Carbon tetrachloride

Concen: 4.468 ug/L

RT: 4.841 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

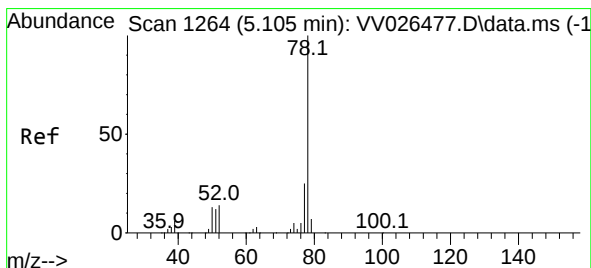
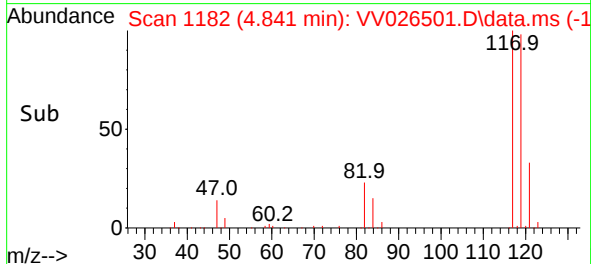
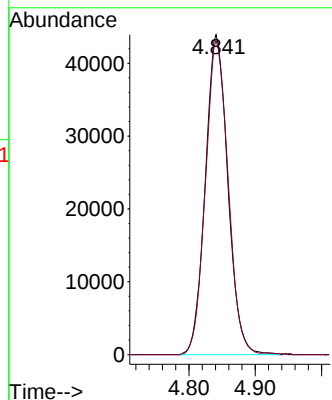
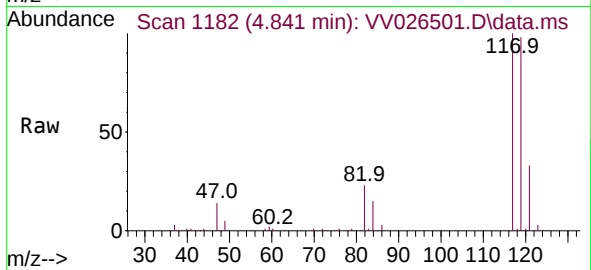
EW4S6MSD

Tgt Ion:117 Resp: 103578

Ion Ratio Lower Upper

117 100

119 98.9 76.2 114.4



#33

Benzene

Concen: 6.400 ug/L

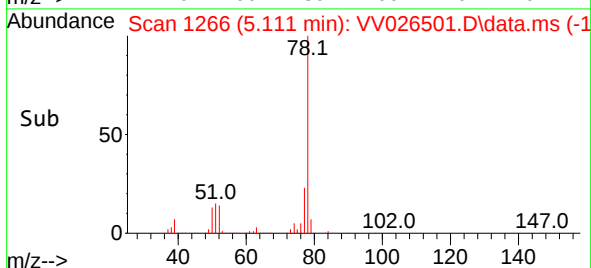
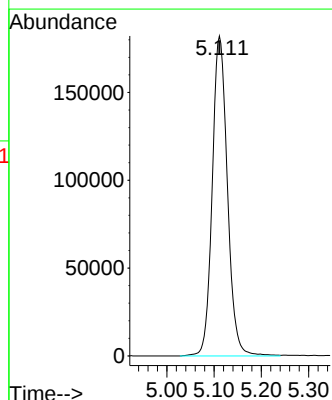
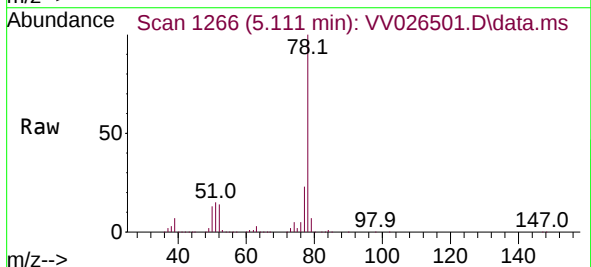
RT: 5.111 min Scan# 1266

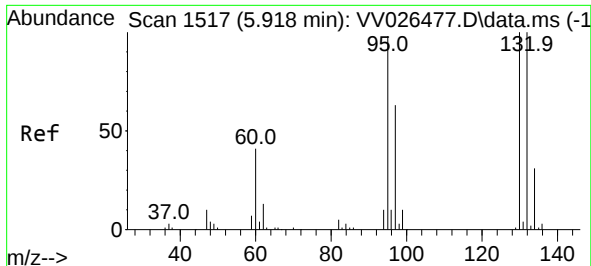
Delta R.T. 0.006 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

Tgt Ion: 78 Resp: 406477





#34

Trichloroethene

Concen: 5.067 ug/L

RT: 5.921 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EW4S6MSD

Tgt Ion: 95 Resp: 87870

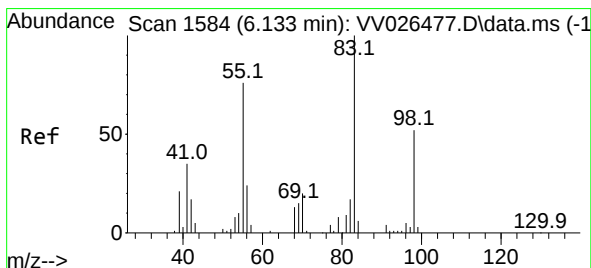
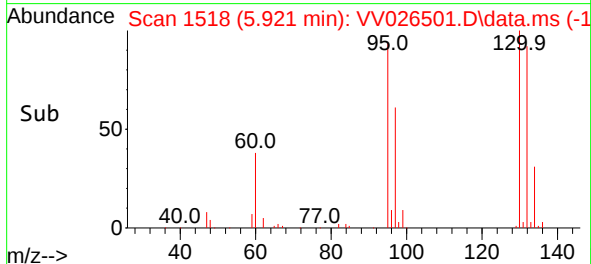
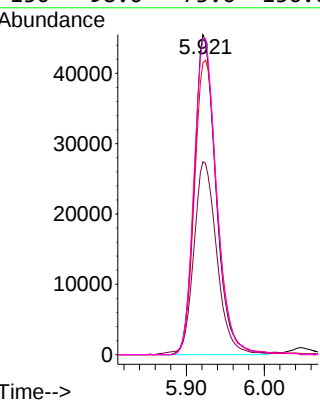
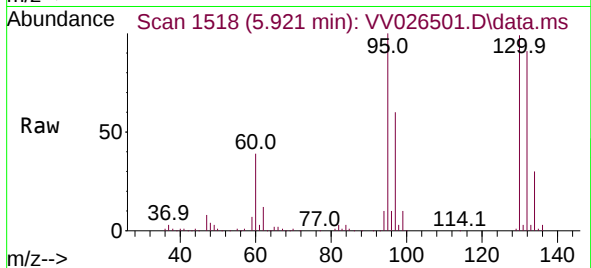
Ion Ratio Lower Upper

95 100

97 60.3 46.5 86.3

132 91.1 68.8 127.8

130 98.6 73.6 136.6



#35

Methylcyclohexane

Concen: 4.864 ug/L

RT: 6.140 min Scan# 1586

Delta R.T. 0.006 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

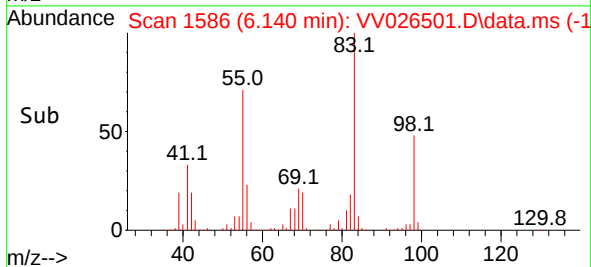
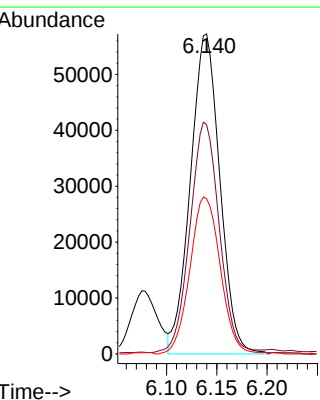
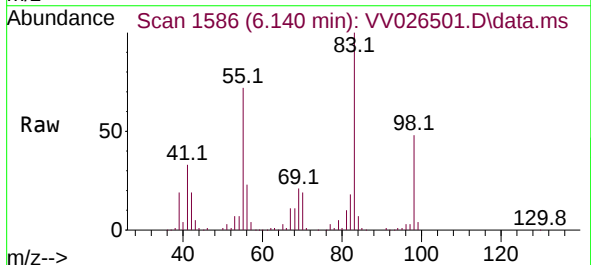
Tgt Ion: 83 Resp: 116683

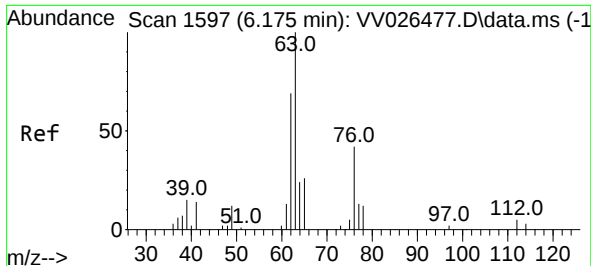
Ion Ratio Lower Upper

83 100

55 71.5 59.3 88.9

98 50.3 39.9 59.9





#37

1,2-Dichloropropane

Concen: 4.984 ug/L

RT: 6.182 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

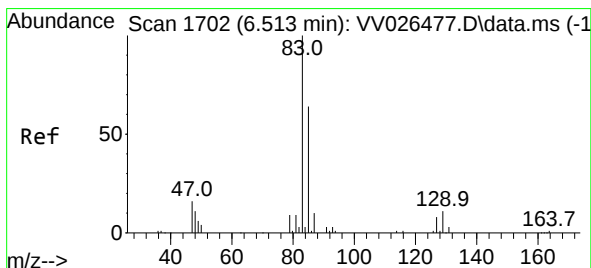
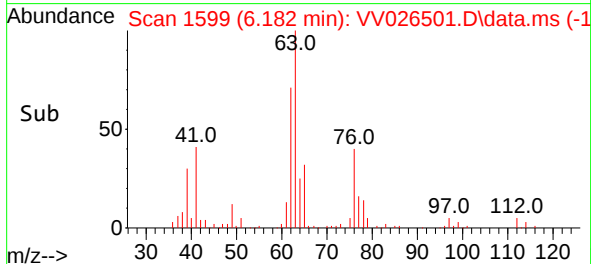
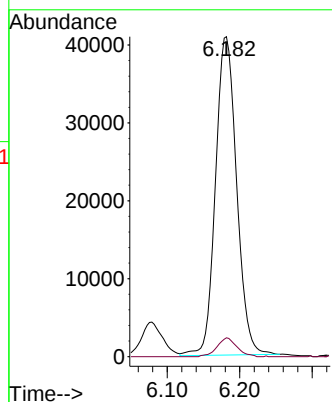
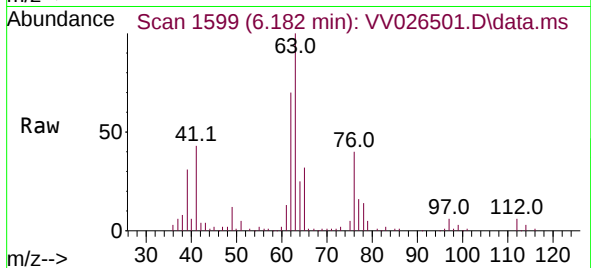
EW4S6MSD

Tgt Ion: 63 Resp: 82797

Ion Ratio Lower Upper

63 100

112 5.5 3.3 4.9#



#38

Bromodichloromethane

Concen: 4.966 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

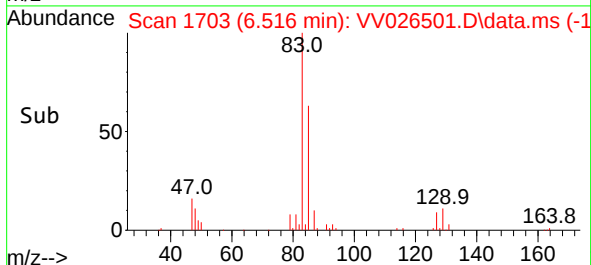
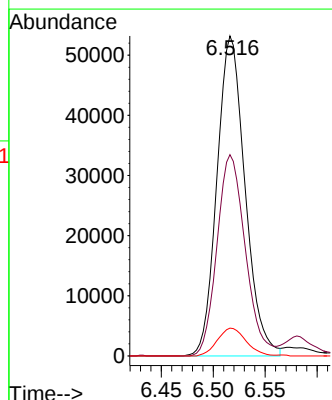
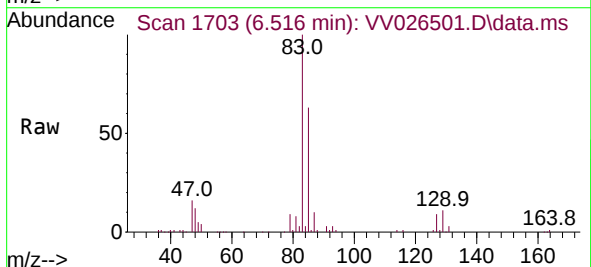
Tgt Ion: 83 Resp: 100062

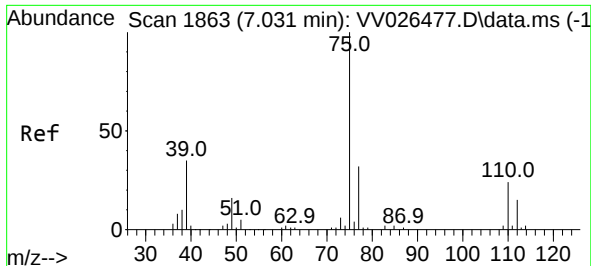
Ion Ratio Lower Upper

83 100

85 62.9 45.6 84.6

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 3.770 ug/L

RT: 7.034 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

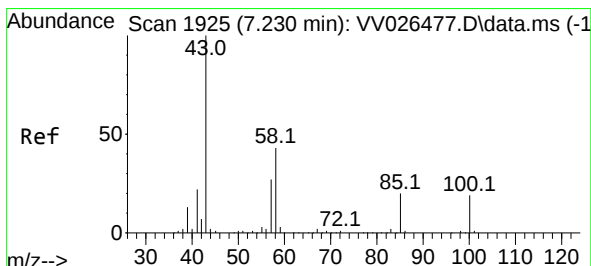
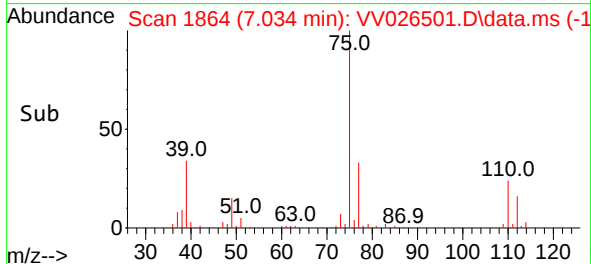
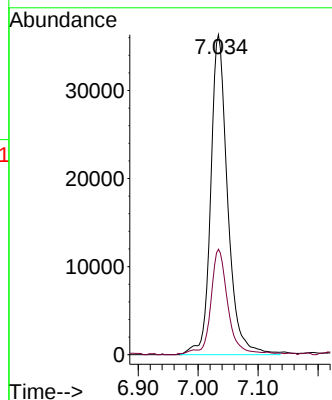
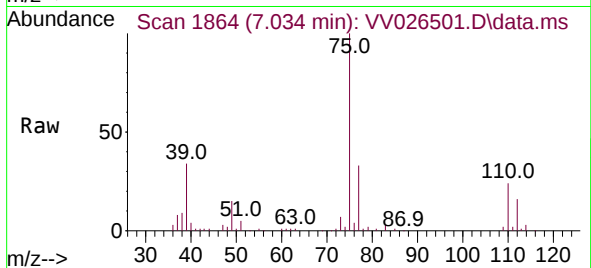
EW4S6MSD

Tgt Ion: 75 Resp: 71472

Ion Ratio Lower Upper

75 100

77 32.9 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 59.722 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

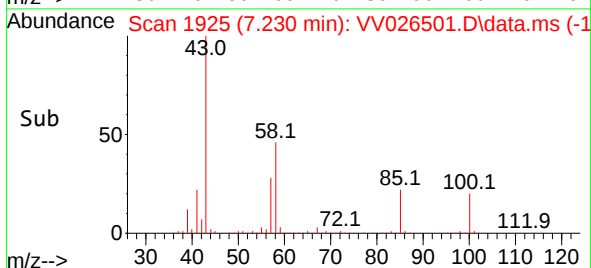
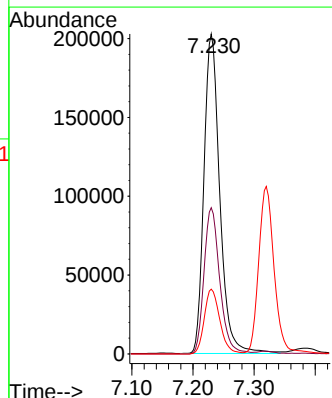
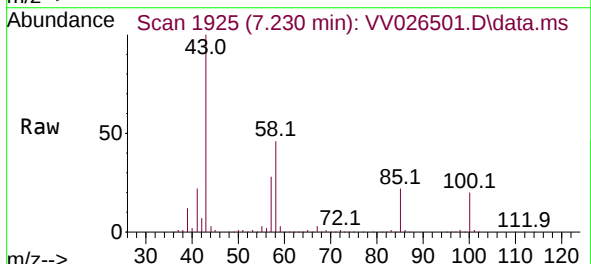
Tgt Ion: 43 Resp: 364802

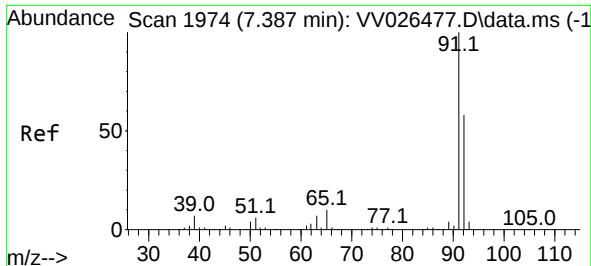
Ion Ratio Lower Upper

43 100

58 45.5 33.3 49.9

100 19.8 13.4 20.2

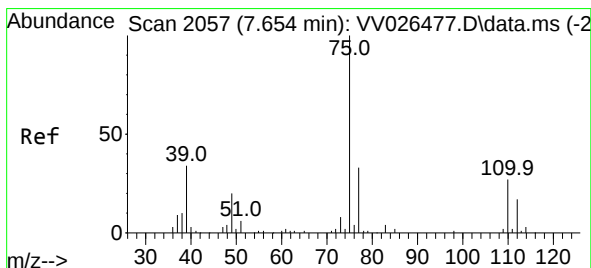
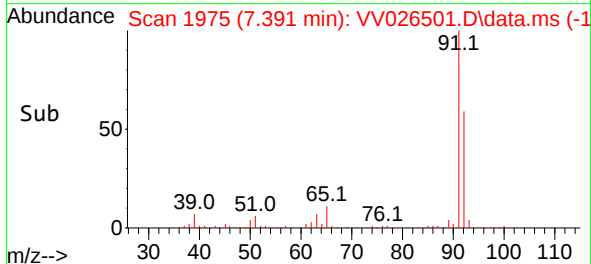
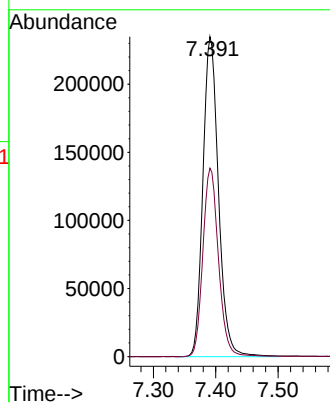
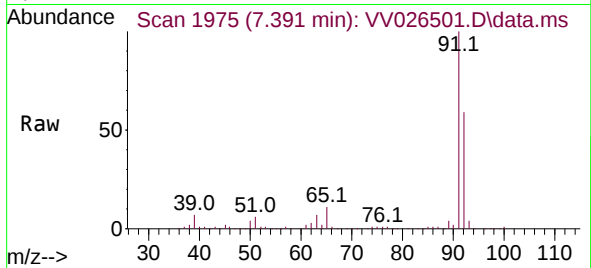




#42
Toluene
Concen: 6.103 ug/L
RT: 7.391 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

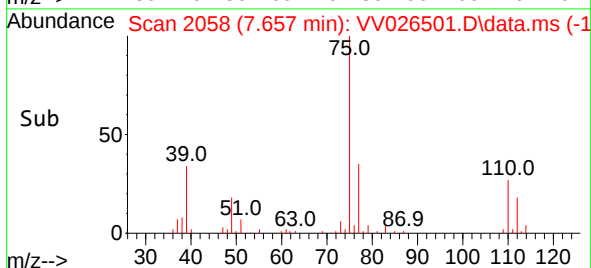
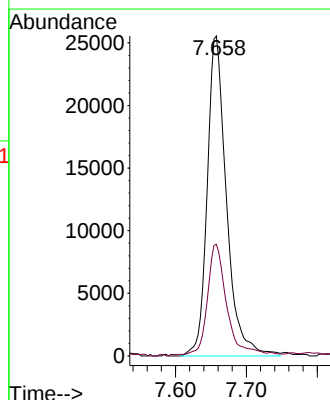
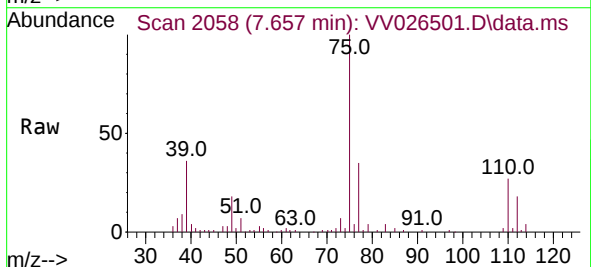
Instrument :
MSVOA_V
ClientSampleId :
EW4S6MSD

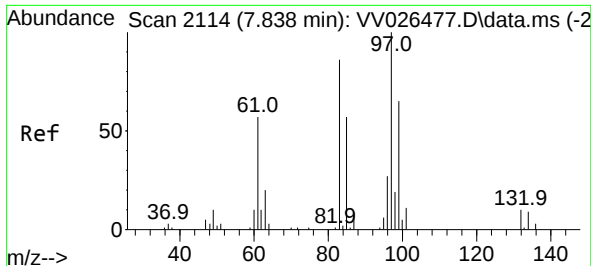
Tgt Ion: 91 Resp: 407692
Ion Ratio Lower Upper
91 100
92 58.9 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 3.181 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.003 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

Tgt Ion: 75 Resp: 48166
Ion Ratio Lower Upper
75 100
77 34.9 23.7 43.9

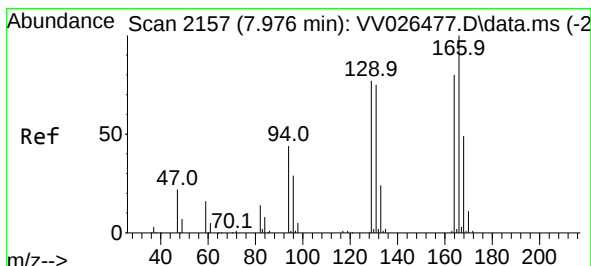
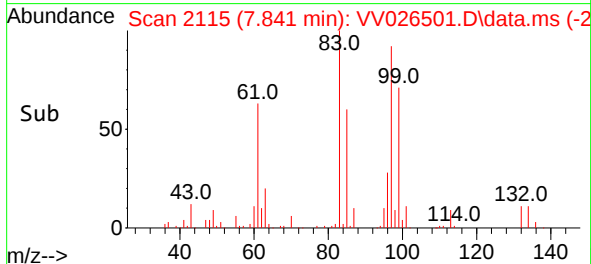
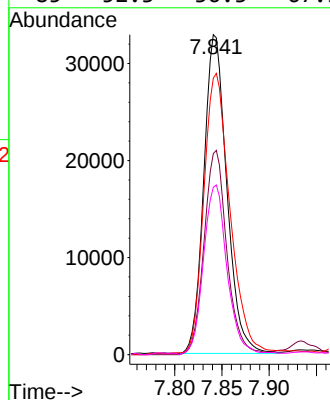
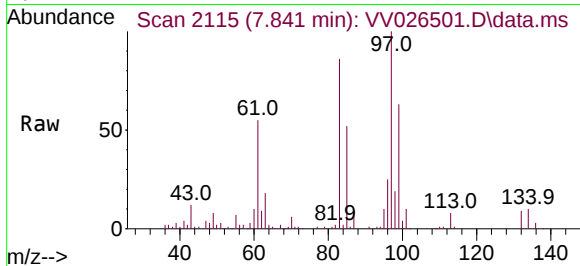




#45
1,1,2-Trichloroethane
Concen: 5.133 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

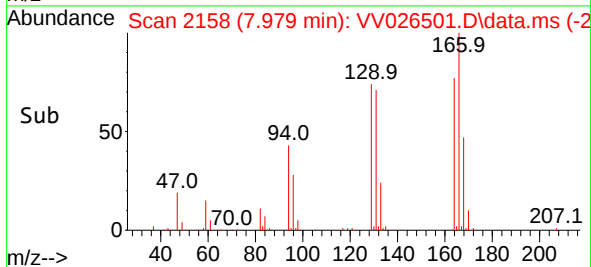
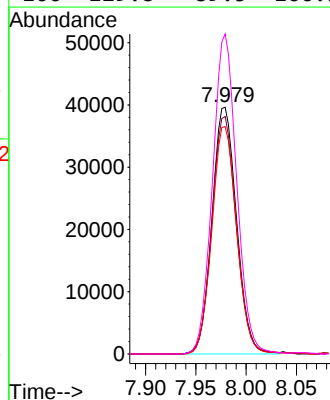
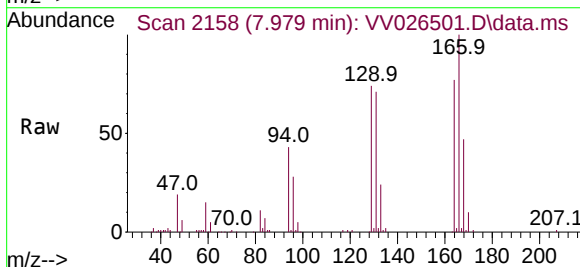
Instrument :
MSVOA_V
ClientSampleId :
EW4S6MSD

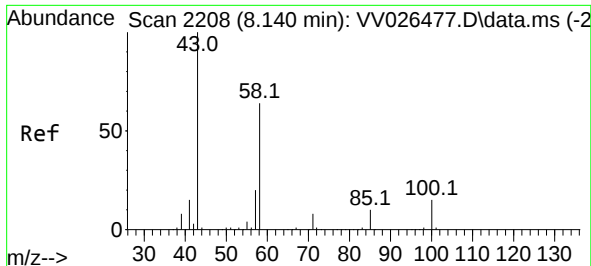
Tgt Ion: 97	Resp: 55966
Ion Ratio	Lower Upper
97 100	
99 62.8	42.4 78.6
83 86.4	56.1 104.1
85 52.3	36.3 67.5



#47
Tetrachloroethene
Concen: 5.224 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

Tgt	Ion:164	Resp:	67104
Ion	Ratio	Lower	Upper
164	100		
129	96.3	67.5	125.3
131	92.1	63.8	118.4
166	129.8	89.5	166.3

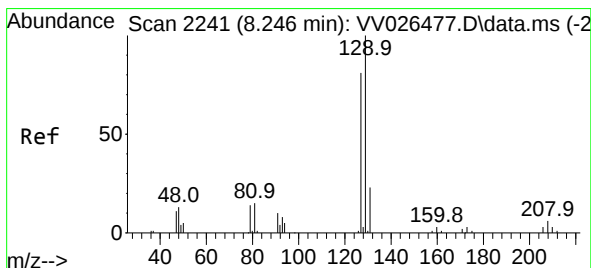
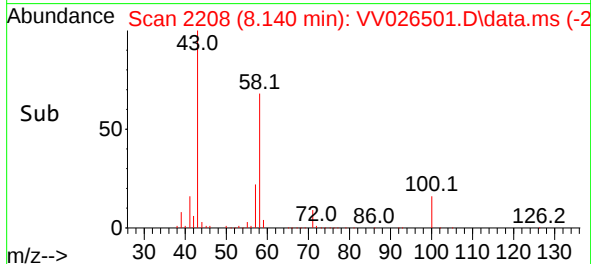
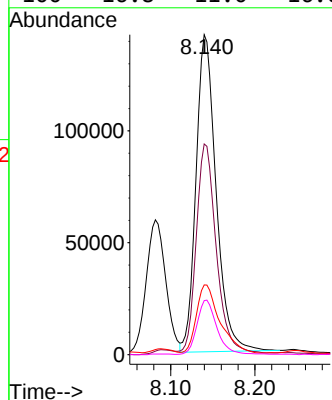
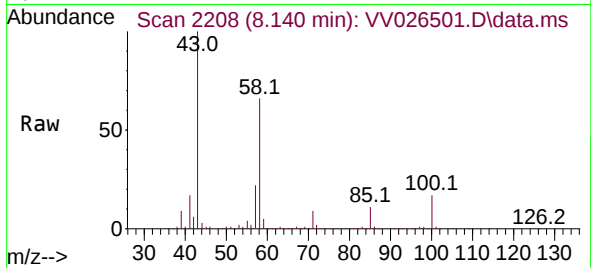




#48
2-Hexanone
Concen: 53.668 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

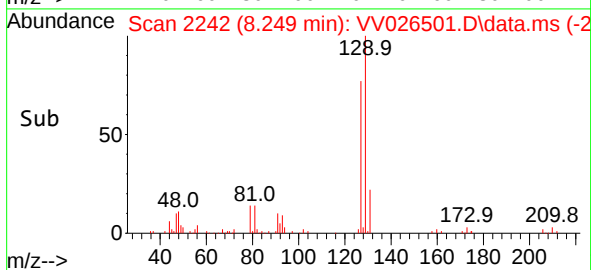
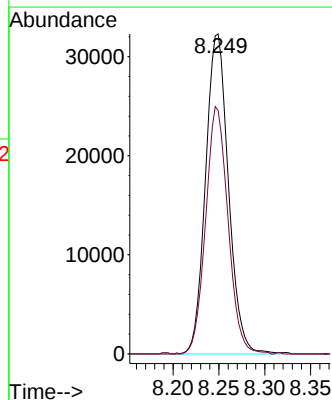
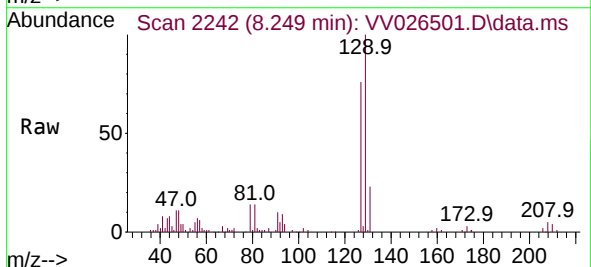
Instrument :
MSVOA_V
ClientSampleId :
EW4S6MSD

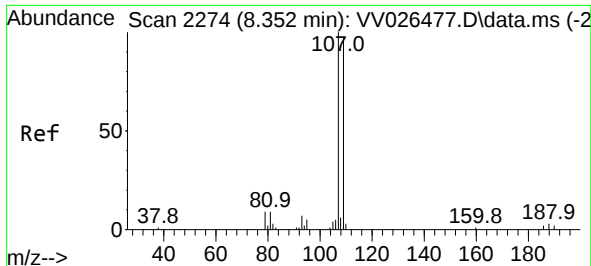
Tgt Ion: 43 Resp: 234868
Ion Ratio Lower Upper
43 100
58 65.8 48.7 73.1
57 24.8 16.0 24.0#
100 16.8 11.0 16.6#



#49
Dibromochloromethane
Concen: 4.644 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

Tgt Ion: 129 Resp: 56082
Ion Ratio Lower Upper
129 100
127 76.1 56.4 104.7





#50

1,2-Dibromoethane

Concen: 5.196 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EW4S6MSD

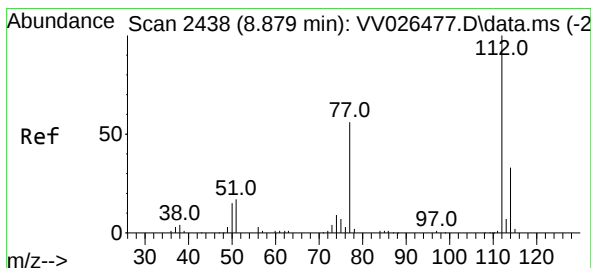
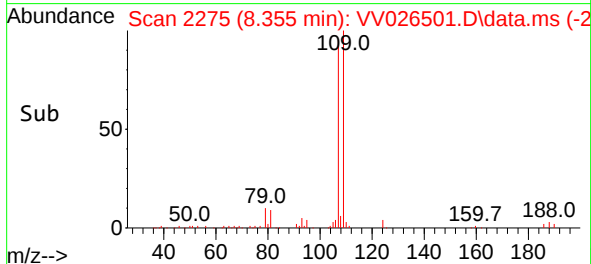
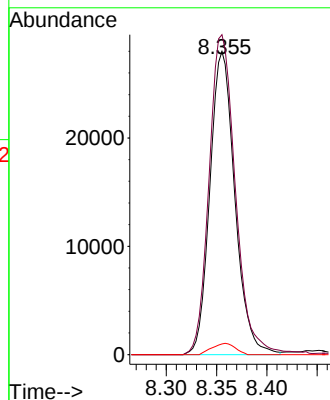
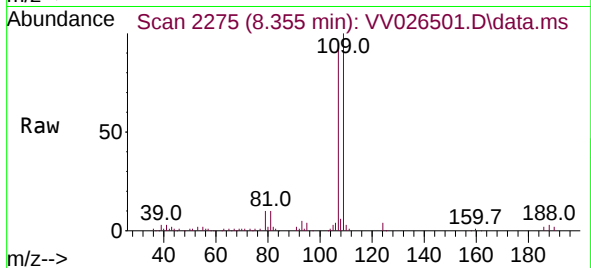
Tgt Ion:107 Resp: 48277

Ion Ratio Lower Upper

107 100

109 105.6 65.2 121.2

188 3.5 2.9 4.3



#51

Chlorobenzene

Concen: 5.599 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

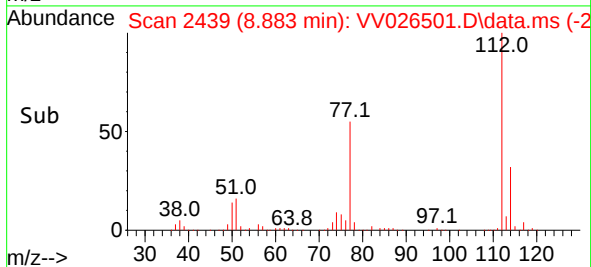
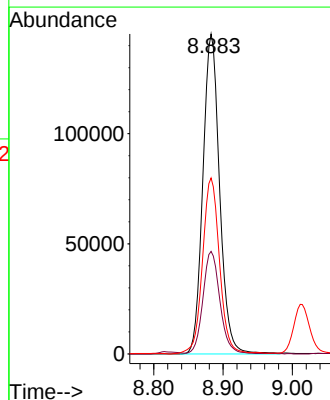
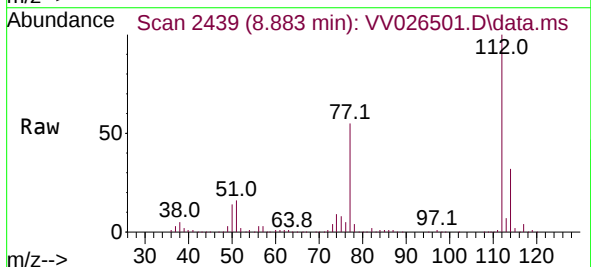
Tgt Ion:112 Resp: 244223

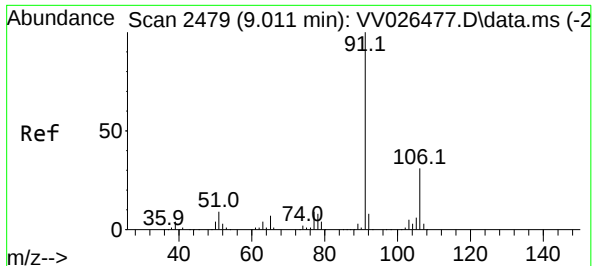
Ion Ratio Lower Upper

112 100

114 32.0 22.7 42.3

77 55.0 44.5 66.7





#52

Ethylbenzene

Concen: 6.259 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV026501.D

Acq: 21 Jun 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

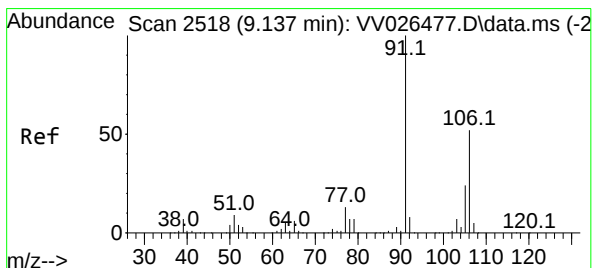
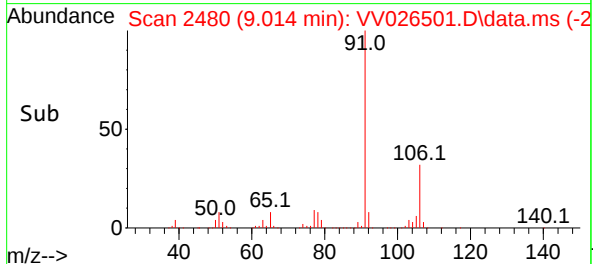
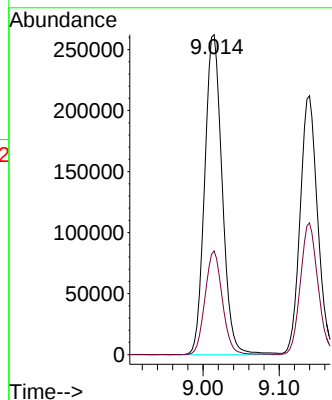
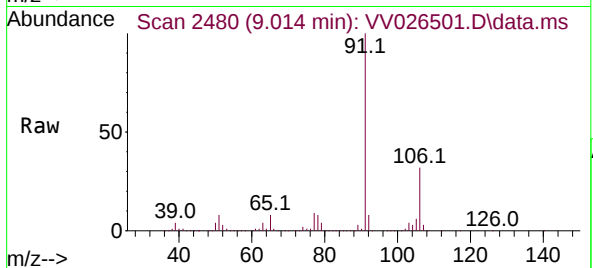
EW4S6MSD

Tgt Ion: 91 Resp: 419189

Ion Ratio Lower Upper

91 100

106 32.4 21.6 40.0



#53

m,p-Xylene

Concen: 6.651 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV026501.D

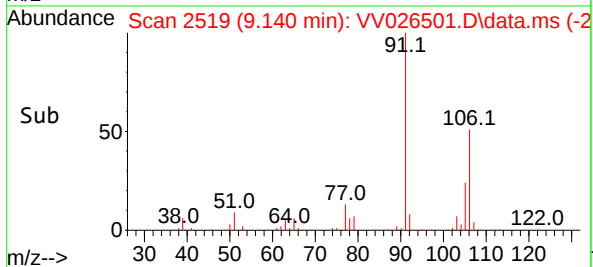
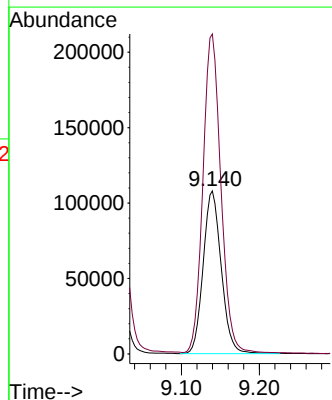
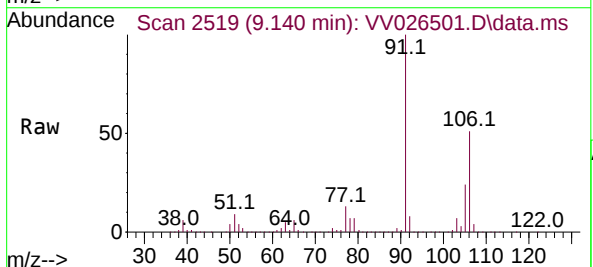
Acq: 21 Jun 2022 20:14

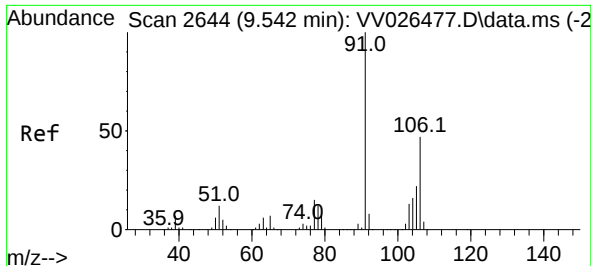
Tgt Ion: 106 Resp: 173612

Ion Ratio Lower Upper

106 100

91 196.4 141.3 262.3

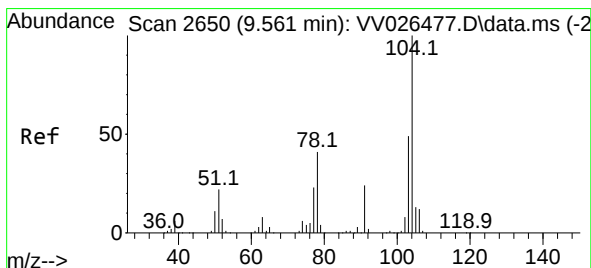
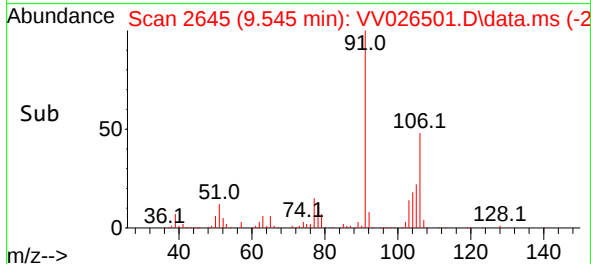
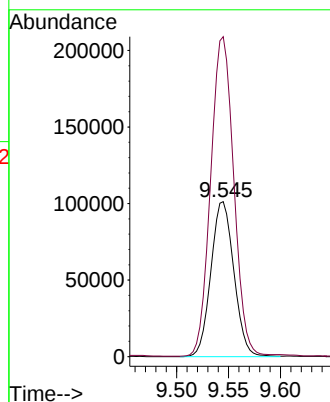
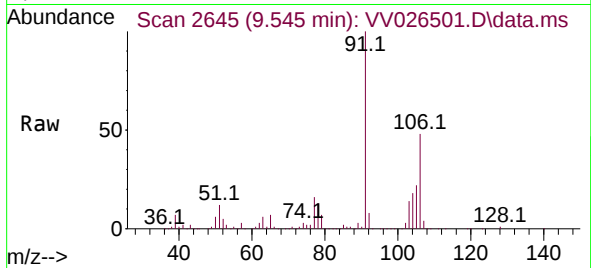




#54
o-Xylene
Concen: 6.152 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

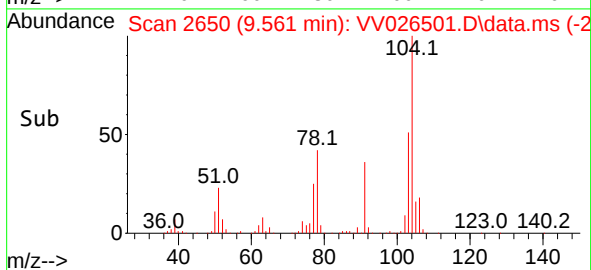
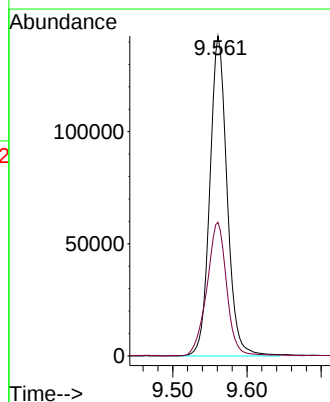
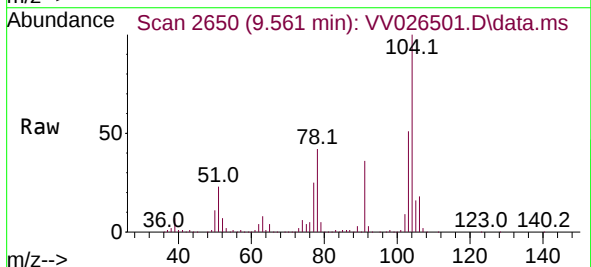
Instrument :
MSVOA_V
ClientSampleId :
EW4S6MSD

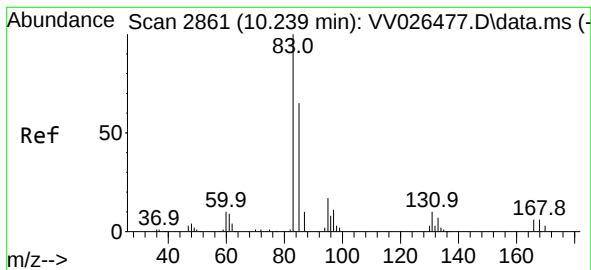
Tgt Ion:106 Resp: 155587
Ion Ratio Lower Upper
106 100
91 206.6 143.3 266.1



#55
Styrene
Concen: 5.444 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

Tgt Ion:104 Resp: 231208
Ion Ratio Lower Upper
104 100
78 41.7 29.5 54.7

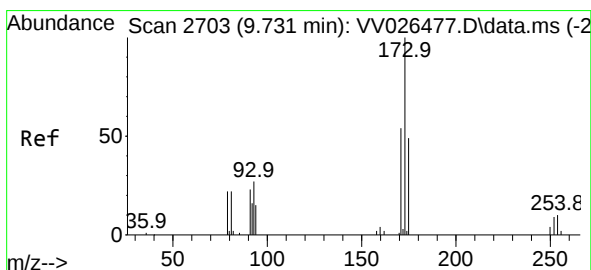
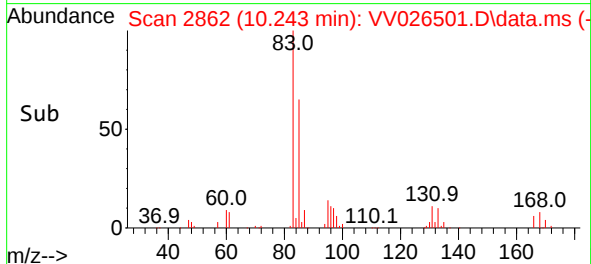
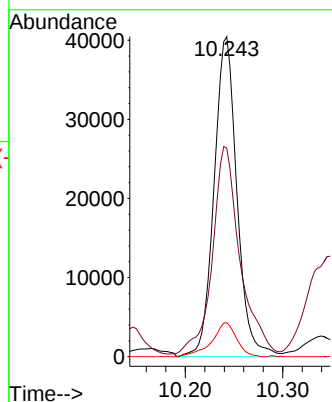
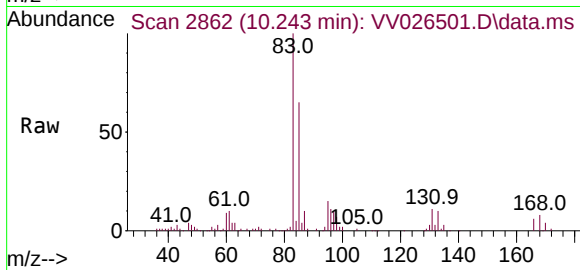




#57
1,1,2,2-Tetrachloroethane
Concen: 5.973 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

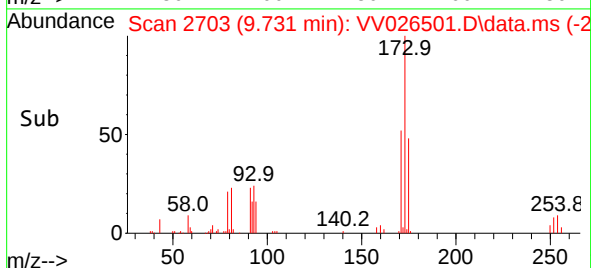
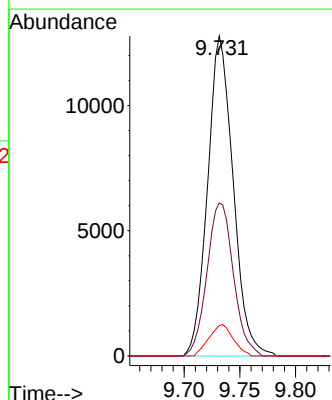
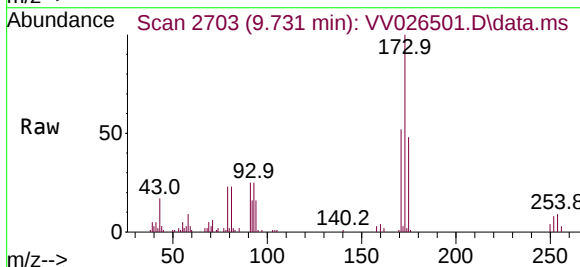
Instrument :
MSVOA_V
ClientSampleId :
EW4S6MSD

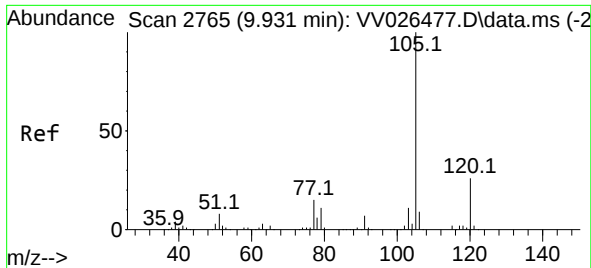
Tgt Ion: 83 Resp: 66062
Ion Ratio Lower Upper
83 100
85 65.1 47.1 87.5
131 10.6 7.7 11.5



#59
Bromoform
Concen: 3.551 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

Tgt Ion:173 Resp: 20377
Ion Ratio Lower Upper
173 100
175 49.3 38.3 57.5
254 9.3 6.9 10.3

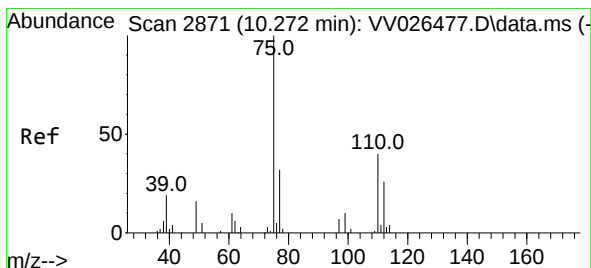
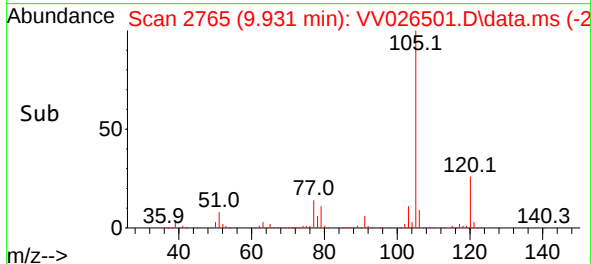
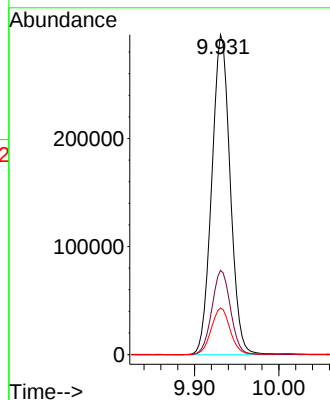
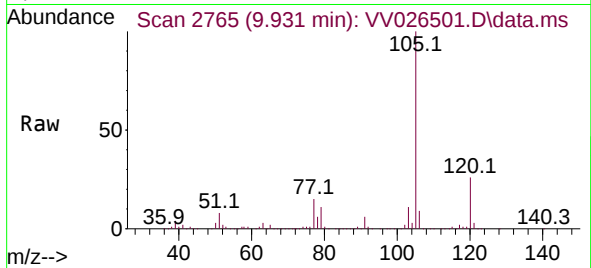




#60
Isopropylbenzene
Concen: 6.458 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

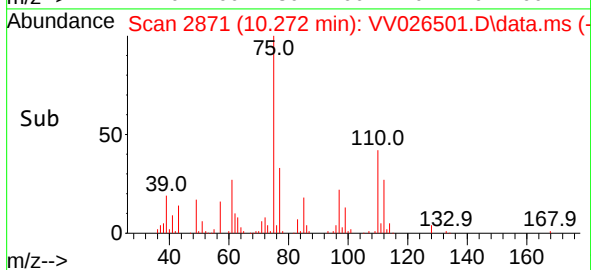
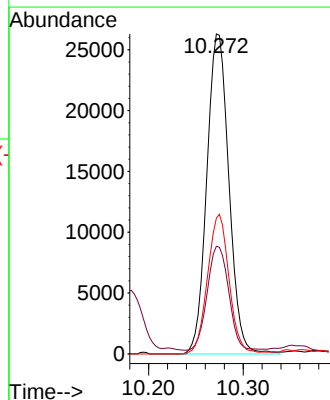
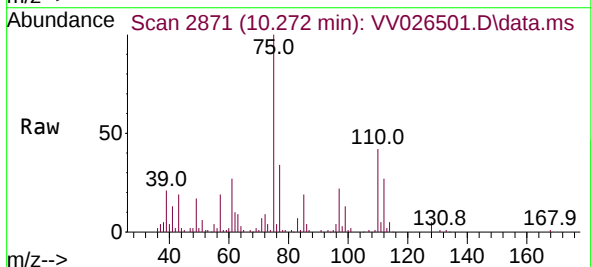
Instrument :
MSVOA_V
ClientSampleId :
EW4S6MSD

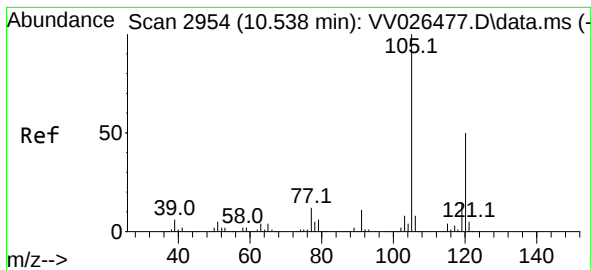
Tgt Ion:105 Resp: 449962
Ion Ratio Lower Upper
105 100
120 26.7 21.5 32.3
77 15.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.049 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

Tgt Ion: 75 Resp: 42815
Ion Ratio Lower Upper
75 100
77 31.5 26.9 40.3
110 42.4 30.7 46.1

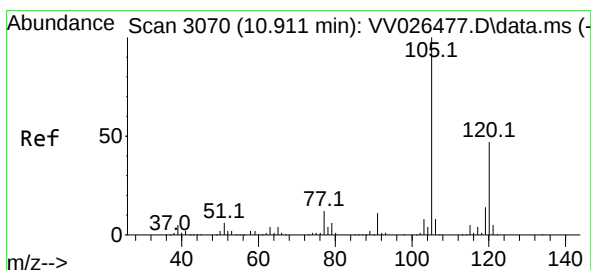
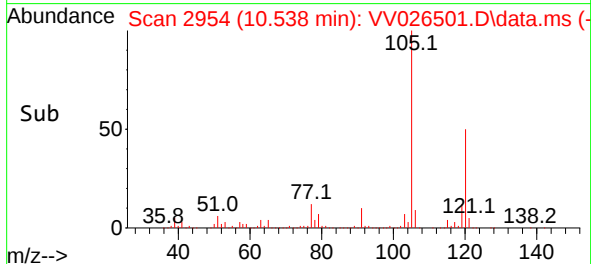
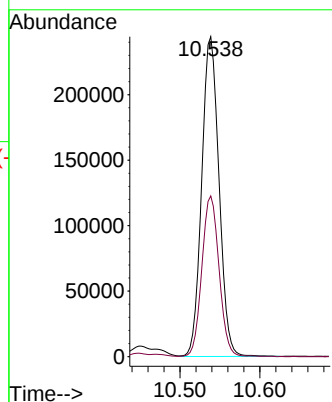
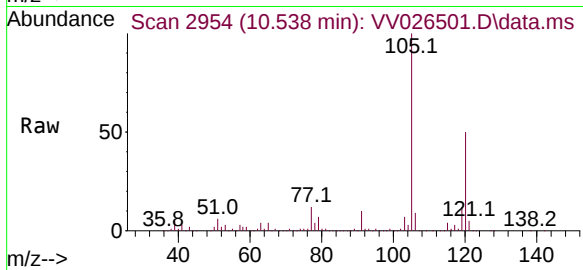




#62
 1,3,5-Trimethylbenzene
 Concen: 6.610 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026501.D
 Acq: 21 Jun 2022 20:14

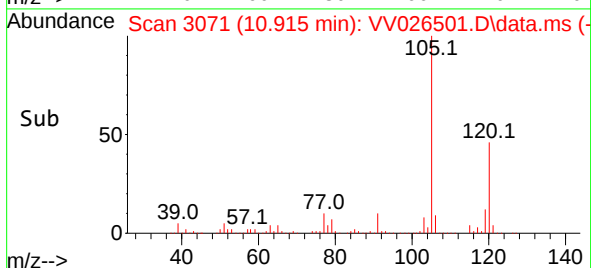
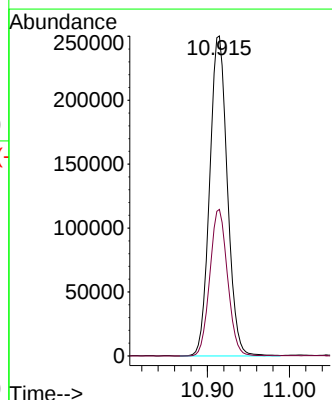
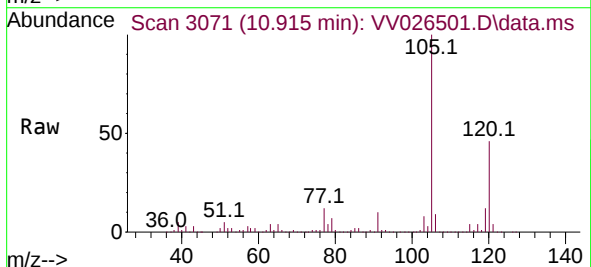
Instrument :
 MSVOA_V
 ClientSampleId :
 EW4S6MSD

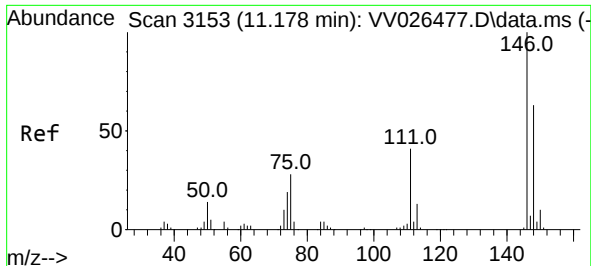
Tgt Ion:105 Resp: 365437
 Ion Ratio Lower Upper
 105 100
 120 49.7 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 6.859 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV026501.D
 Acq: 21 Jun 2022 20:14

Tgt Ion:105 Resp: 375352
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.9 55.3

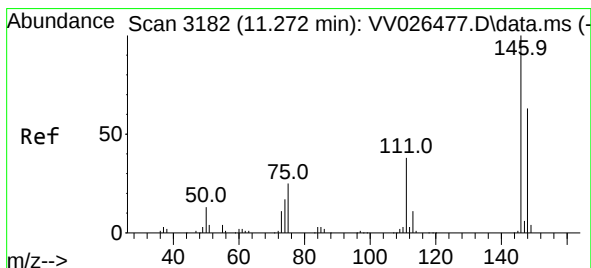
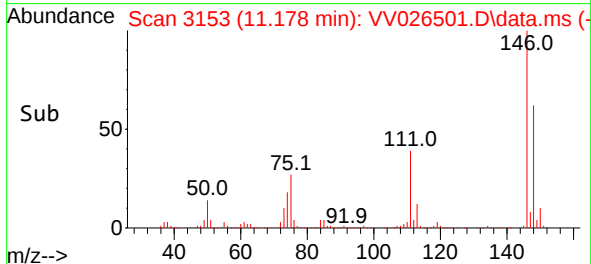
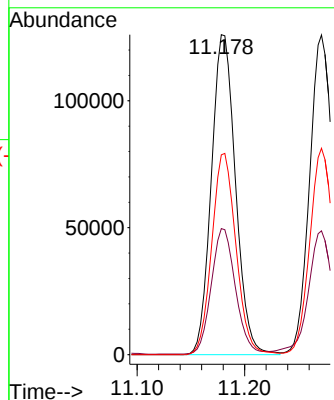
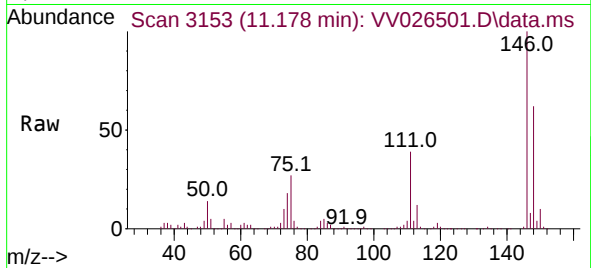




#64
1,3-Dichlorobenzene
Concen: 5.758 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

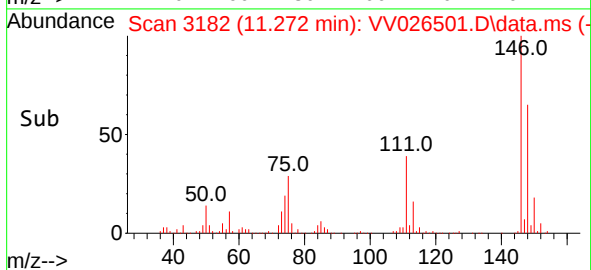
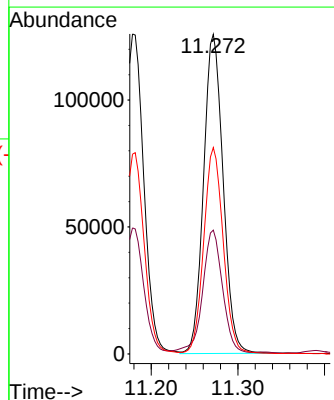
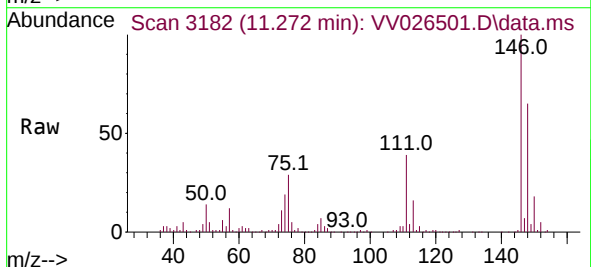
Instrument :
MSVOA_V
ClientSampleId :
EW4S6MSD

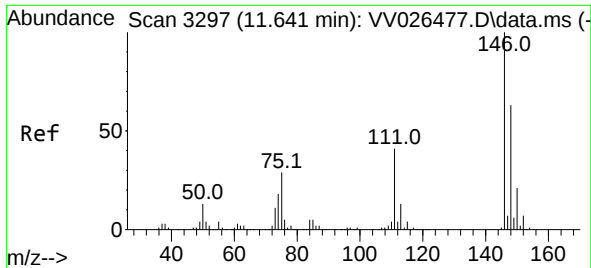
Tgt Ion:146 Resp: 197132
Ion Ratio Lower Upper
146 100
111 39.4 27.8 51.6
148 62.4 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.664 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

Tgt Ion:146 Resp: 197064
Ion Ratio Lower Upper
146 100
111 38.7 26.7 49.7
148 64.5 43.3 80.3

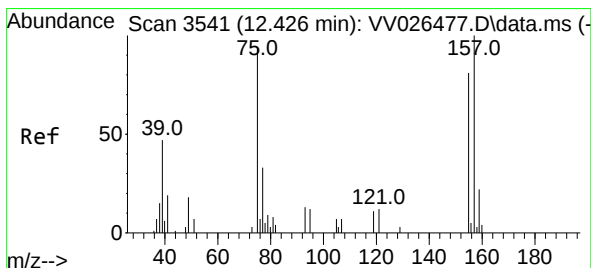
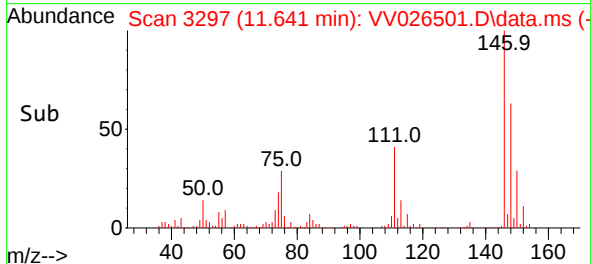
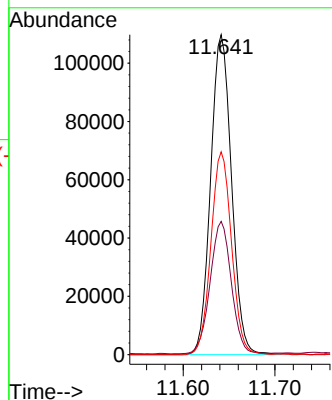
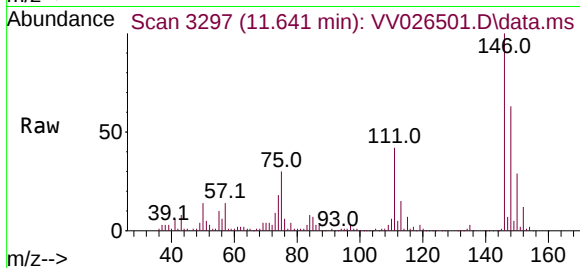




#67
1,2-Dichlorobenzene
Concen: 5.721 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

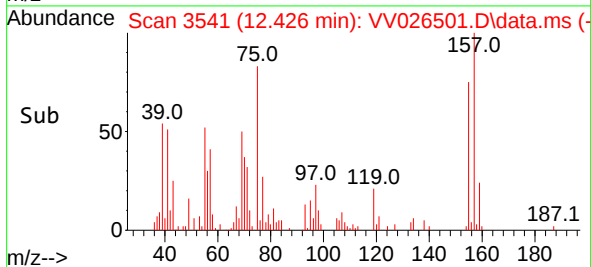
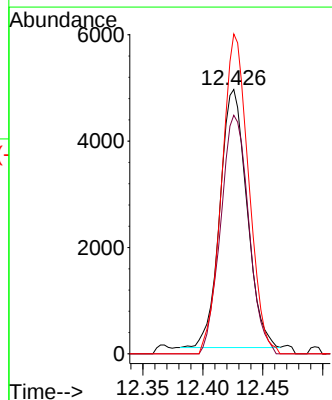
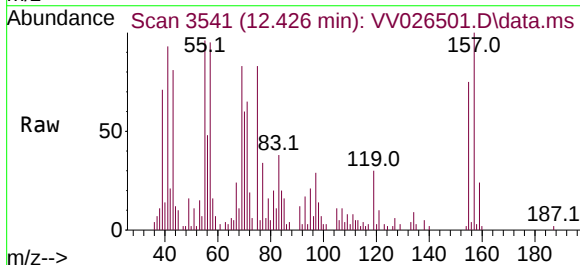
Instrument :
MSVOA_V
ClientSampleId :
EW4S6MSD

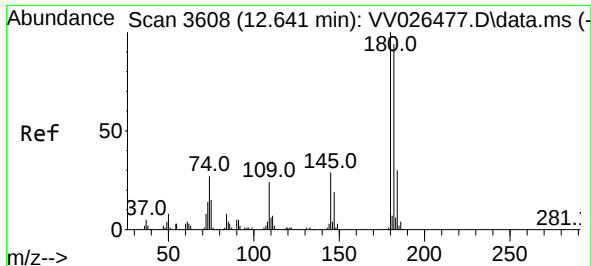
Tgt Ion:146 Resp: 173479
Ion Ratio Lower Upper
146 100
111 41.6 33.8 50.8
148 63.4 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.076 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

Tgt Ion: 75 Resp: 7625
Ion Ratio Lower Upper
75 100
155 90.2 63.7 95.5
157 121.0 85.0 127.6

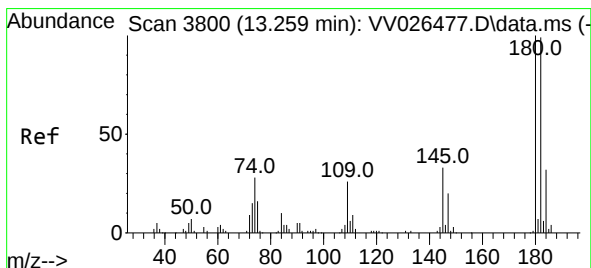
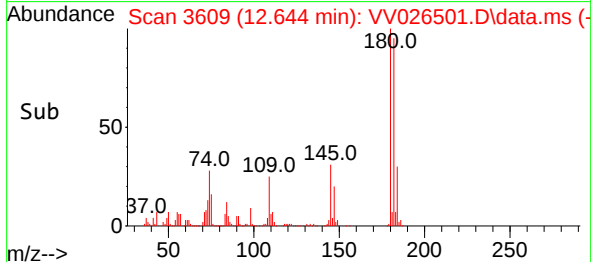
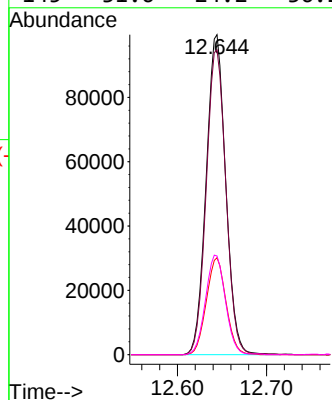
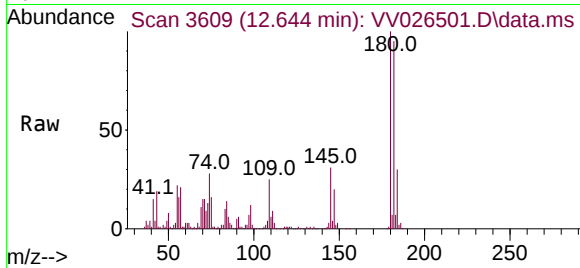




#69
 1,3,5-Trichlorobenzene
 Concen: 6.132 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV026501.D
 Acq: 21 Jun 2022 20:14

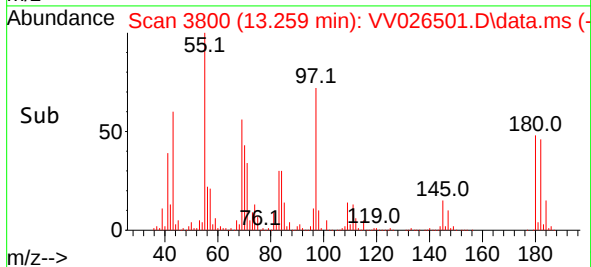
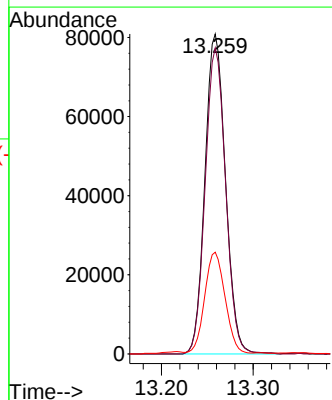
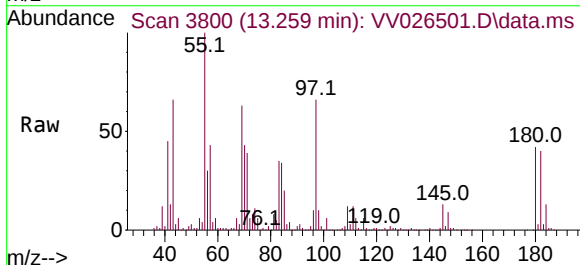
Instrument :
 MSVOA_V
 ClientSampleId :
 EW4S6MSD

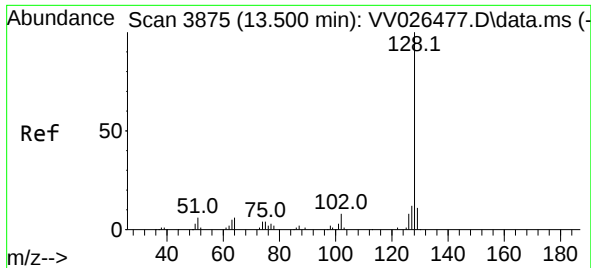
Tgt Ion:180	Resp:	151785
Ion Ratio	Lower	Upper
180	100	
182	95.7	75.5 113.3
184	30.4	23.7 35.5
145	31.6	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 6.880 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026501.D
 Acq: 21 Jun 2022 20:14

Tgt Ion:180	Resp:	125612
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.2 114.2
145	31.3	23.9 35.9

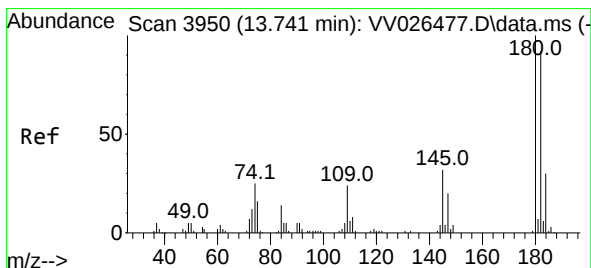
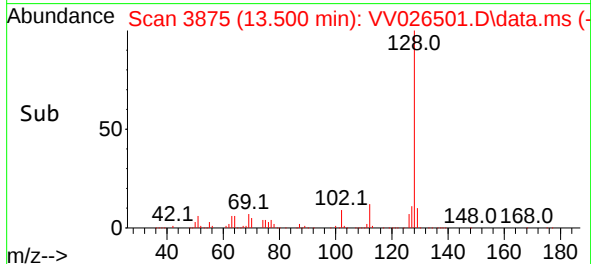
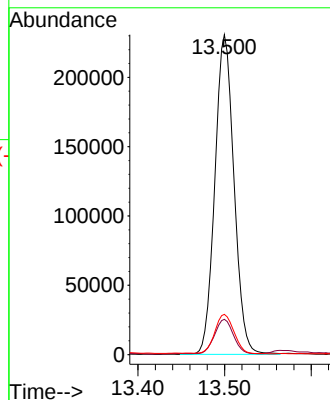
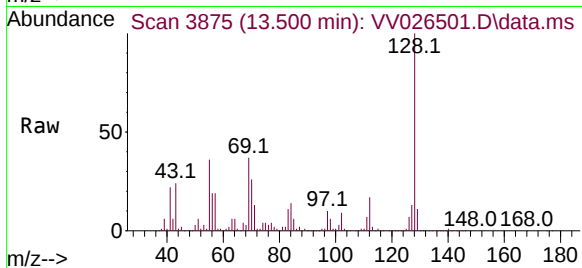




#71
Naphthalene
Concen: 13.964 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

Instrument :
MSVOA_V
ClientSampleId :
EW4S6MSD

Tgt Ion:128 Resp: 353959
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 12.5 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 6.642 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026501.D
Acq: 21 Jun 2022 20:14

Tgt Ion:180 Resp: 101521
Ion Ratio Lower Upper
180 100
182 96.5 77.9 116.9
145 36.6 26.7 40.1

