

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110521\
 Data File : VW023261.D
 Acq On : 06 Nov 2021 02:54
 Operator : SY/MD
 Sample : M4534-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 06:49:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 06:44:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	148449	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	146383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	81162	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39123	4.207	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.200%	
7) Chloroethane-d5	1.571	69	35341	4.663	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.200%	
11) 1,1-Dichloroethene-d2	2.114	63	79782	4.583	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.600%	
20) 2-Butanone-d5	3.892	46	101383	72.155	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	144.320%#	
24) Chloroform-d	4.352	84	92080	4.646	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.037	65	42207	4.736	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
32) Benzene-d6	5.053	84	174952	4.658	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.072	67	51035	4.616	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.400%	
41) Toluene-d8	7.317	98	166063	4.718	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
43) trans-1,3-Dichloroprop...	7.625	79	19475	4.645	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.000%	
46) 2-Hexanone-d5	8.088	63	79756	51.706	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.420%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38442	4.835	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	61941	4.583	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	67346	4.652	ug/L	100
3) Chloromethane	1.243	50	61685	5.012	ug/L	98
5) Vinyl chloride	1.314	62	60308	4.907	ug/L	98
6) Bromomethane	1.523	94	33532	4.268	ug/L	100
8) Chloroethane	1.587	64	37007	5.217	ug/L	99
9) Trichlorofluoromethane	1.754	101	89442	4.843	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	46140	4.963	ug/L	99
12) 1,1-Dichloroethene	2.121	96	43655	4.931	ug/L	92
13) Acetone	2.185	43	59767	57.540	ug/L	79
14) Carbon disulfide	2.298	76	156478	4.684	ug/L	100
15) Methyl Acetate	2.439	43	14546	3.662	ug/L #	84
16) Methylene chloride	2.510	84	50029	3.873	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	94274	4.838	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	50962	4.683	ug/L	96
19) 1,1-Dichloroethane	3.191	63	89644	4.879	ug/L	99
21) 2-Butanone	3.976	43	96302	71.799	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	52032	4.968	ug/L	97
23) Bromochloromethane	4.253	128	23172	4.798	ug/L	98
25) Chloroform	4.378	83	92001	4.697	ug/L	97

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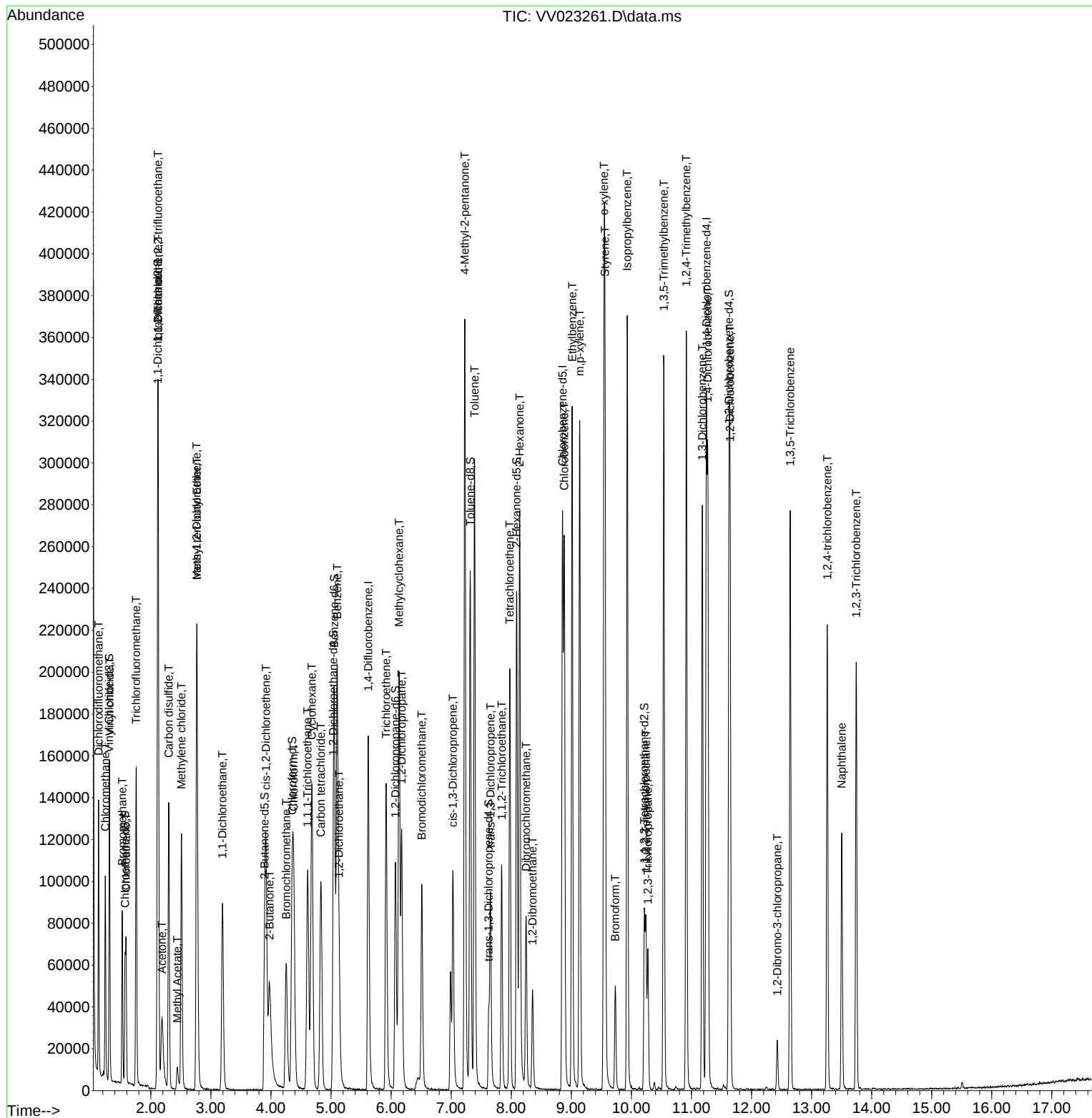
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	50792	4.876	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	84522	4.754	ug/L	100
30) Cyclohexane	4.680	56	76906	4.827	ug/L	98
31) Carbon tetrachloride	4.831	117	76704	4.804	ug/L	99
33) Benzene	5.101	78	203853	4.982	ug/L	100
34) Trichloroethene	5.918	95	51654	4.747	ug/L	94
35) Methylcyclohexane	6.133	83	79532	4.631	ug/L	99
37) 1,2-Dichloropropane	6.175	63	47451	4.968	ug/L	97
38) Bromodichloromethane	6.510	83	61634	4.815	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	65735	4.785	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	239591	54.084	ug/L	98
42) Toluene	7.391	91	223178	5.100	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	53617	4.704	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	32822	4.782	ug/L	97
47) Tetrachloroethene	7.976	164	46252	4.905	ug/L	95
48) 2-Hexanone	8.140	43	170589	53.690	ug/L	98
49) Dibromochloromethane	8.246	129	42402	4.876	ug/L	99
50) 1,2-Dibromoethane	8.355	107	31041	4.881	ug/L	98
51) Chlorobenzene	8.883	112	141554	4.866	ug/L	100
52) Ethylbenzene	9.014	91	223452	4.841	ug/L	100
53) m,p-xylene	9.140	106	90570	5.000	ug/L	100
54) o-xylene	9.545	106	84213	4.956	ug/L	100
55) Styrene	9.561	104	144467	4.963	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	37801	5.027	ug/L	100
59) Bromoform	9.731	173	22725	4.688	ug/L	98
60) Isopropylbenzene	9.931	105	230491	4.949	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26864	4.983	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	185251	4.797	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	191739	4.988	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	117364	4.932	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	117149	4.820	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	104372	4.901	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5813	5.061	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	86104	4.621	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	69101	4.631	ug/L	97
71) Naphthalene	13.503	128	99017	4.500	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	61844	4.737	ug/L	98

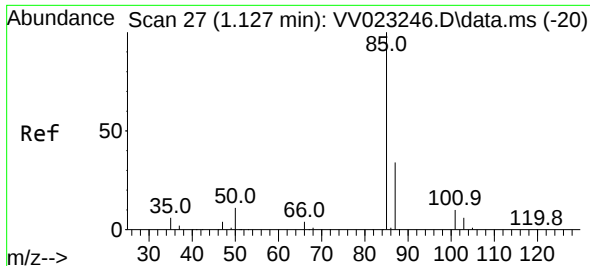
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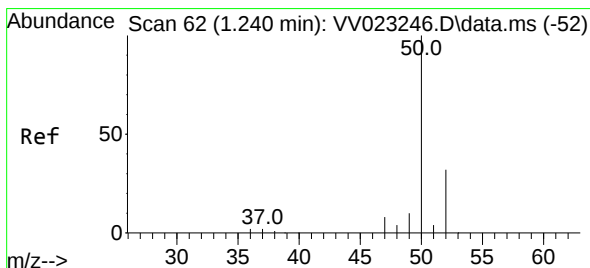
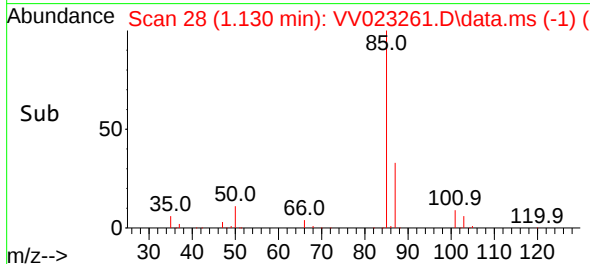
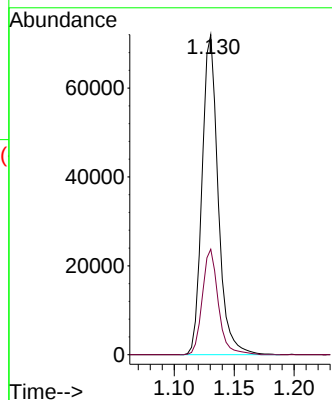
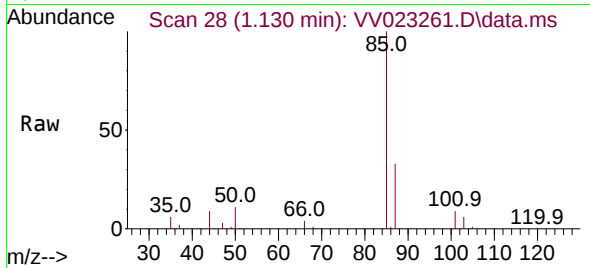




#2
 Dichlorodifluoromethane
 Concen: 4.652 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV023261.D
 Acq: 06 Nov 2021 02:54

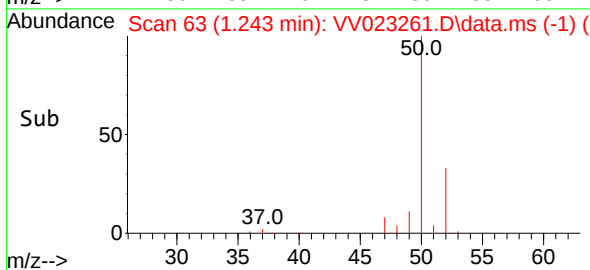
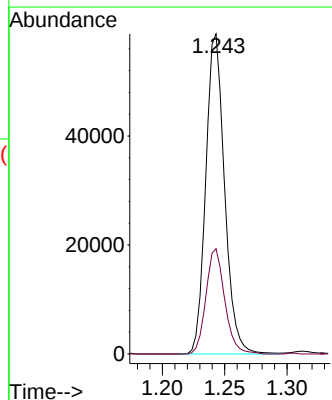
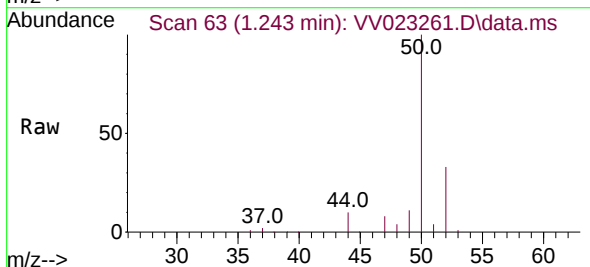
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 MSVOA_V
 ClientSampleId :

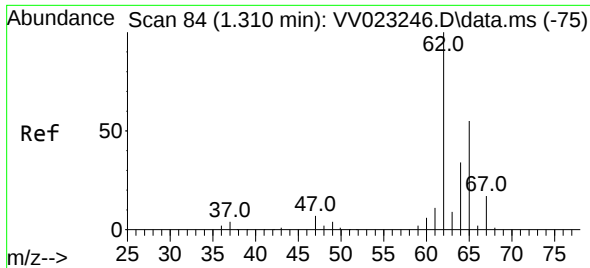
Tgt Ion: 85 Resp: 67346
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 5.012 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023261.D
 Acq: 06 Nov 2021 02:54

Tgt Ion: 50 Resp: 61685
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.7 43.9

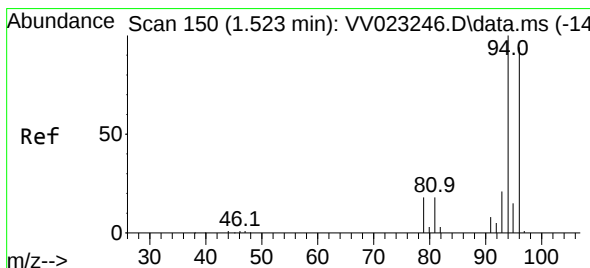
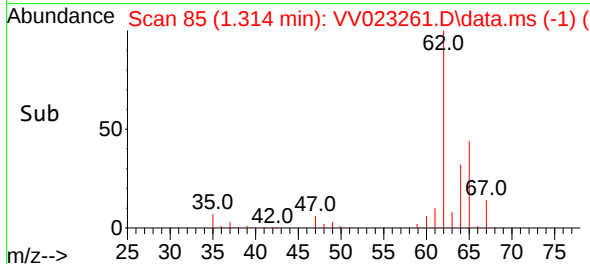
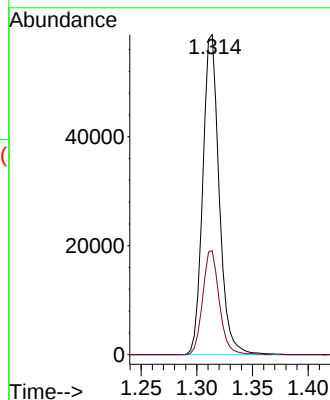
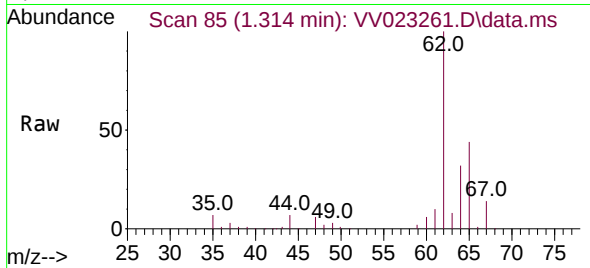




#5
 Vinyl chloride
 Concen: 4.907 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023261.D
 Acq: 06 Nov 2021 02:54

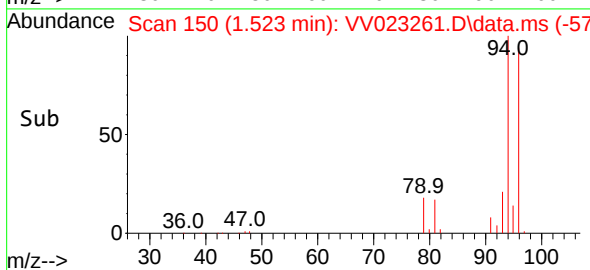
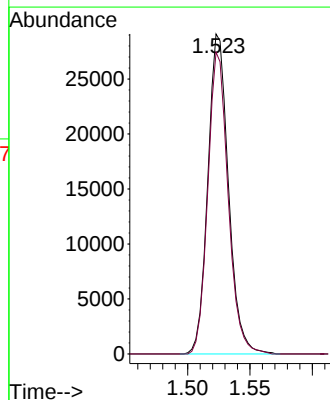
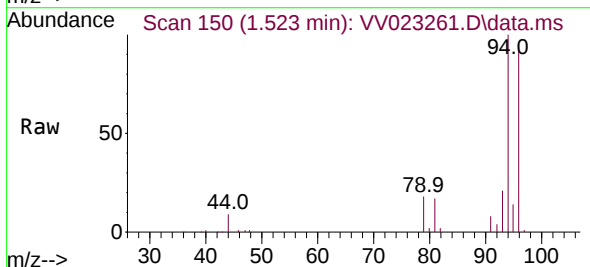
Instrument :
 MSVOA_V
 ClientSampleId :

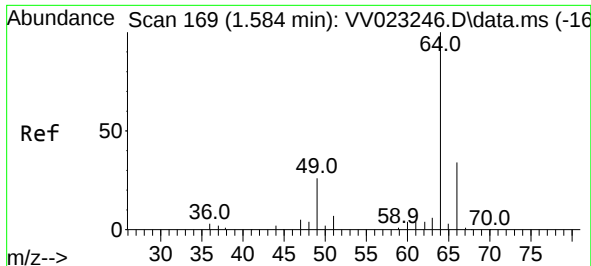
Tgt Ion: 62 Resp: 60308
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.7 43.9



#6
 Bromomethane
 Concen: 4.268 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023261.D
 Acq: 06 Nov 2021 02:54

Tgt Ion: 94 Resp: 33532
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.7 122.1

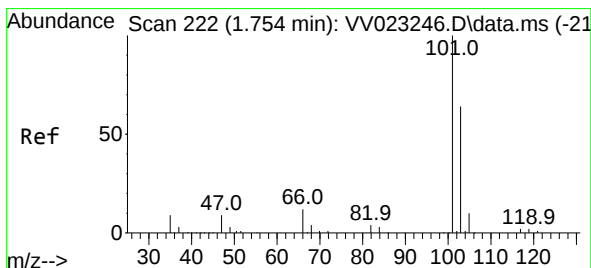
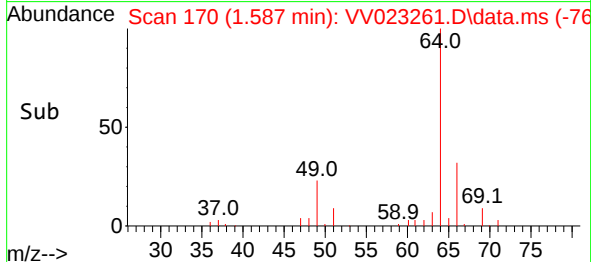
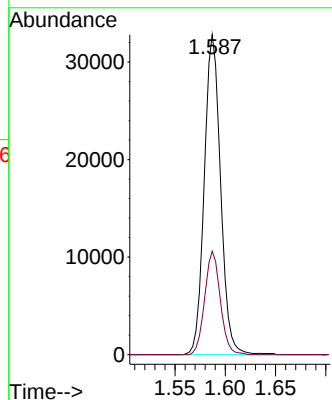
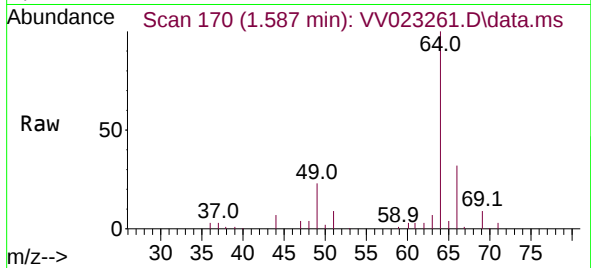




#8
Chloroethane
Concen: 5.217 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

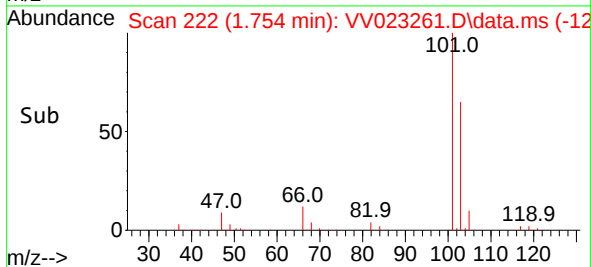
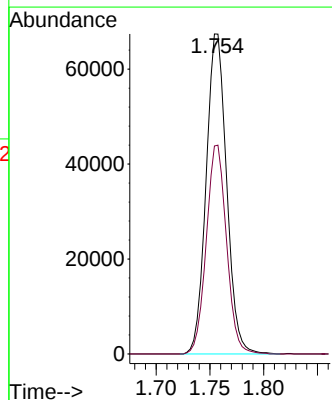
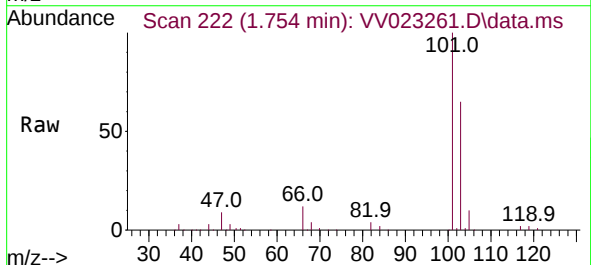
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ClientSampleId :

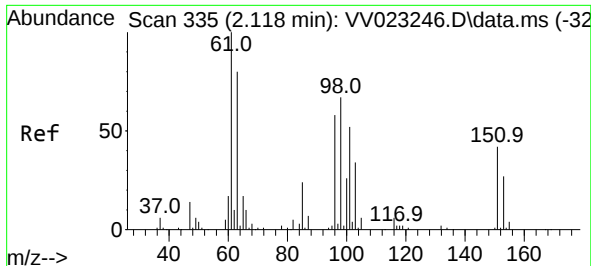
Tgt Ion: 64 Resp: 37007
Ion Ratio Lower Upper
64 100
66 32.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.843 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

Tgt Ion:101 Resp: 89442
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9

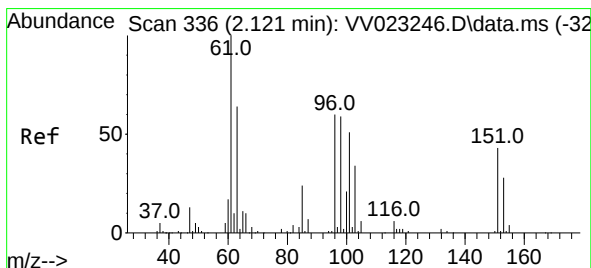
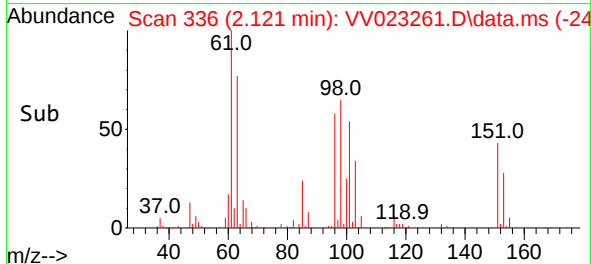
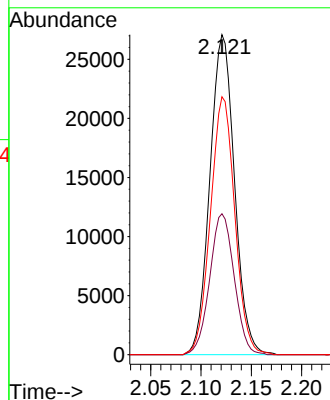
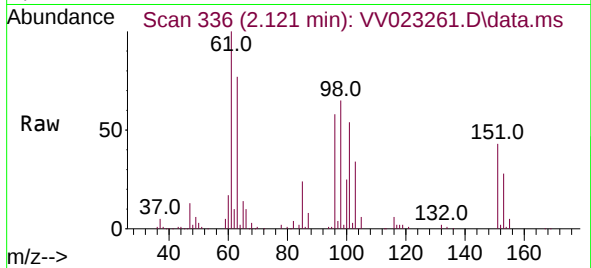




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.963 ug/L
 RT: 2.121 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023261.D
 Acq: 06 Nov 2021 02:54

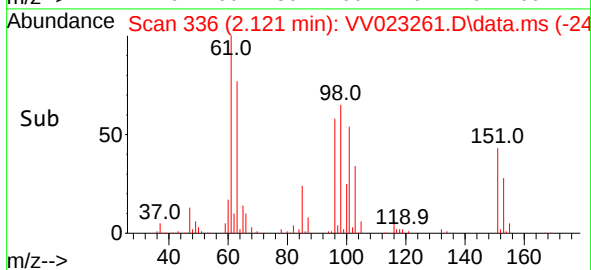
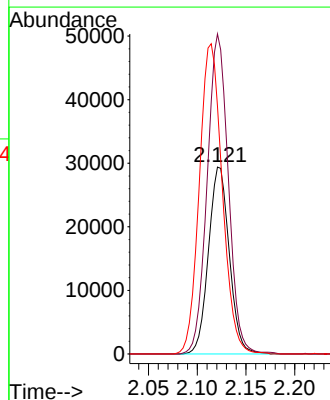
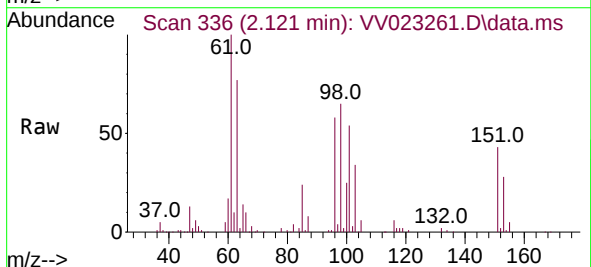
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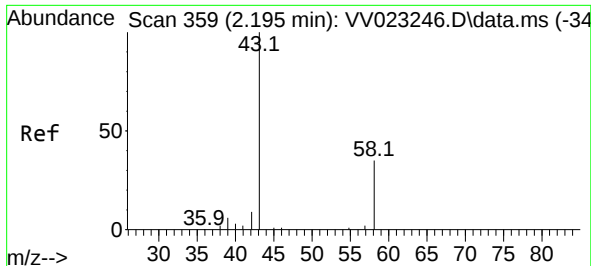
Tgt Ion:101 Resp: 46140
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.4 53.0
 151 79.8 64.3 96.5



#12
 1,1-Dichloroethene
 Concen: 4.931 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV023261.D
 Acq: 06 Nov 2021 02:54

Tgt Ion: 96 Resp: 43655
 Ion Ratio Lower Upper
 96 100
 61 171.2 117.7 218.7
 63 132.5 80.5 149.5





#13

Acetone

Concen: 57.540 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

Instrument :

MSVOA_V

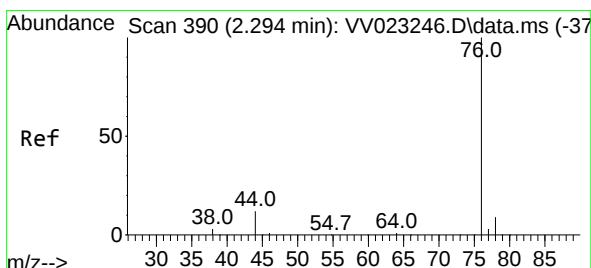
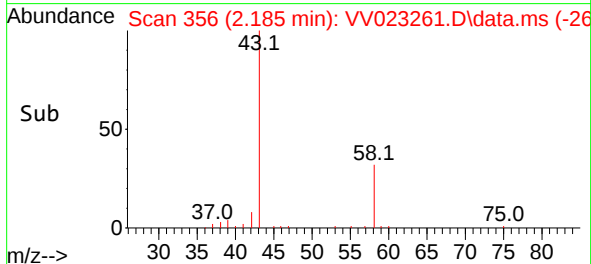
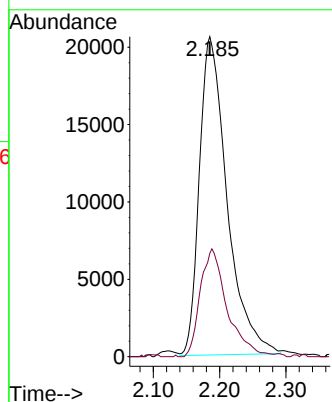
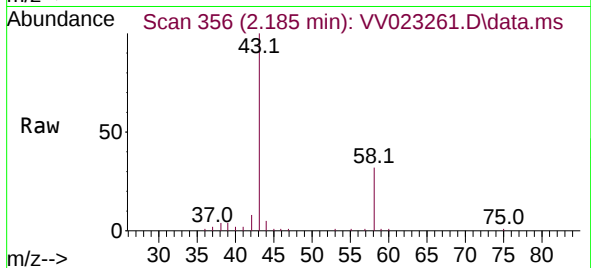
ClientSampleId :

Tgt Ion: 43 Resp: 59767

Ion Ratio Lower Upper

43 100

58 32.8 0.0 45.8



#14

Carbon disulfide

Concen: 4.684 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

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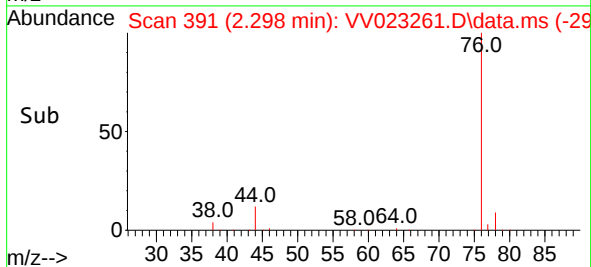
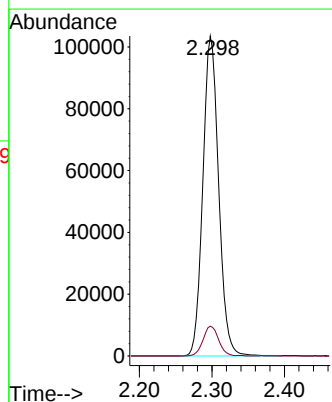
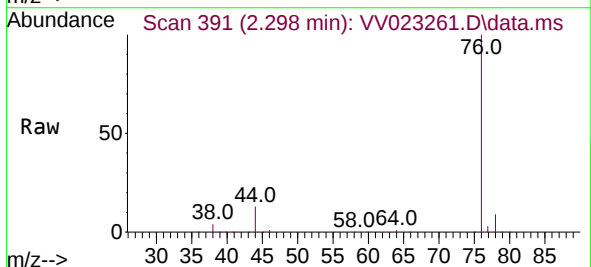
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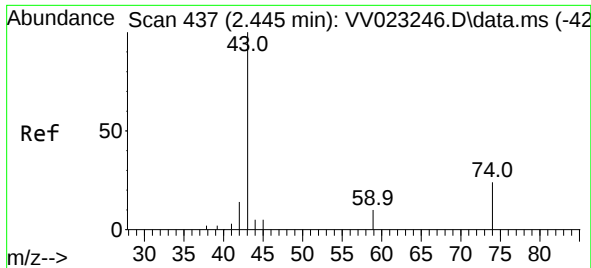
Tgt Ion: 76 Resp: 156478

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 3.662 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.006 min

Lab File: VV023261.D

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Instrument :

MSVOA_V

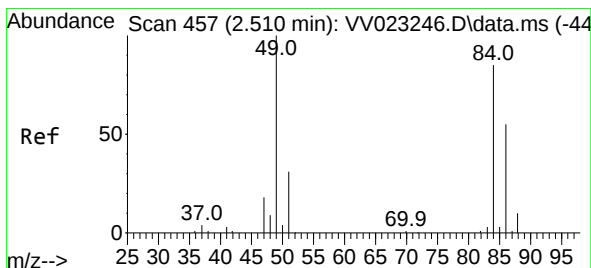
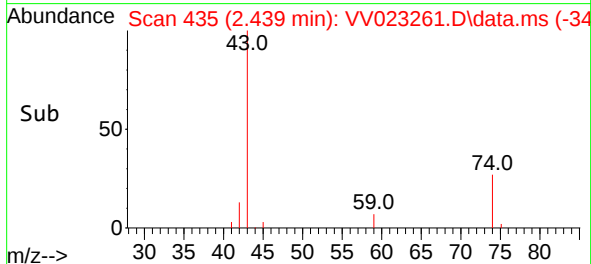
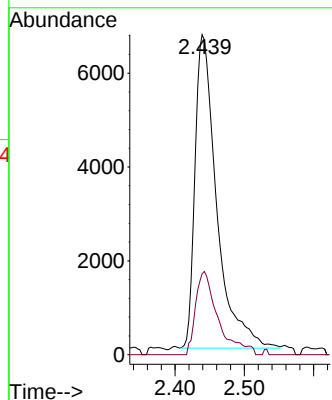
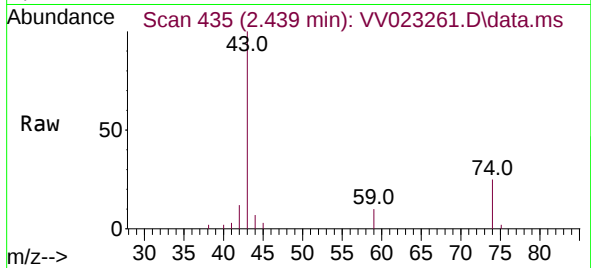
ClientSampleId :

Tgt Ion: 43 Resp: 14546

Ion Ratio Lower Upper

43 100

74 27.3 16.0 24.0#



#16

Methylene chloride

Concen: 3.873 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.000 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

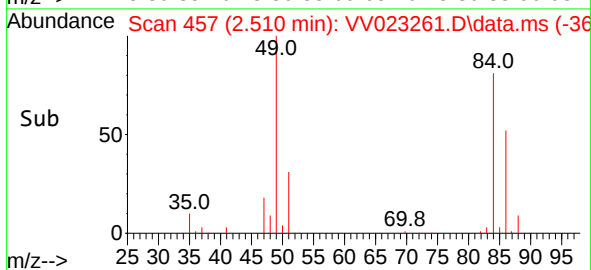
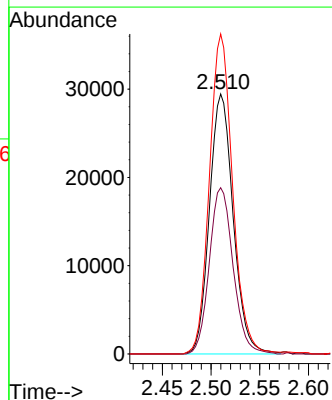
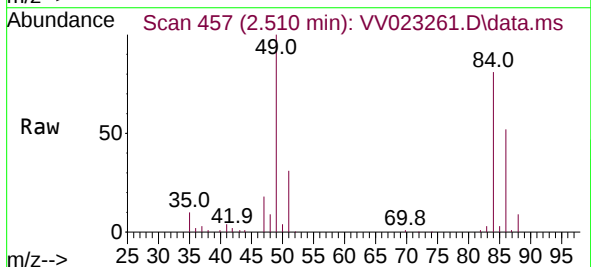
Tgt Ion: 84 Resp: 50029

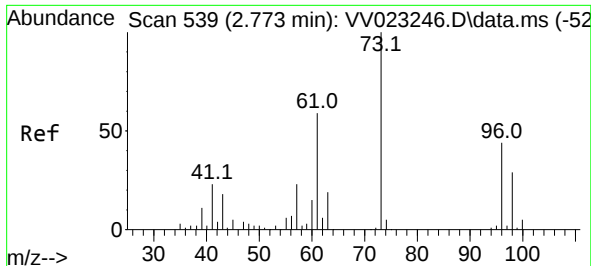
Ion Ratio Lower Upper

84 100

86 63.9 43.3 80.5

49 123.1 84.1 156.1





#17

Methyl tert-butyl Ether

Concen: 4.838 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.006 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

Instrument :

MSVOA_V

ClientSampleId :

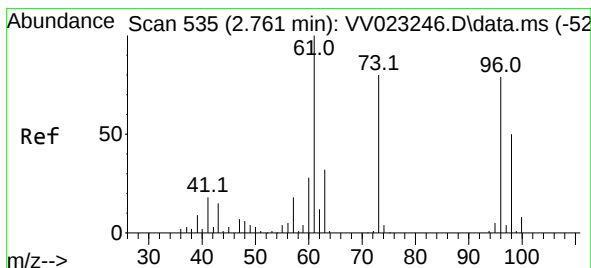
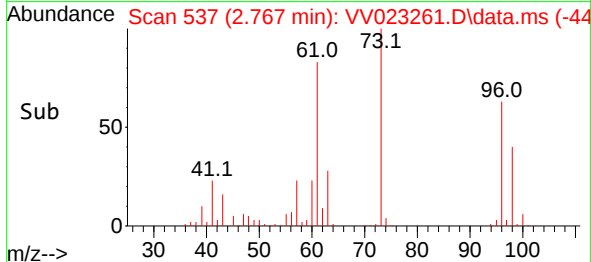
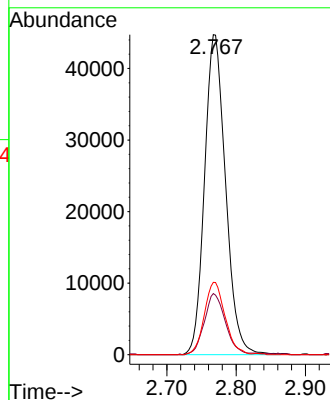
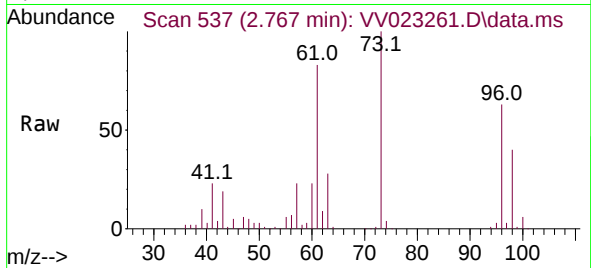
Tgt Ion: 73 Resp: 94274

Ion Ratio Lower Upper

73 100

43 19.3 14.2 21.4

57 22.3 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 4.683 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.003 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

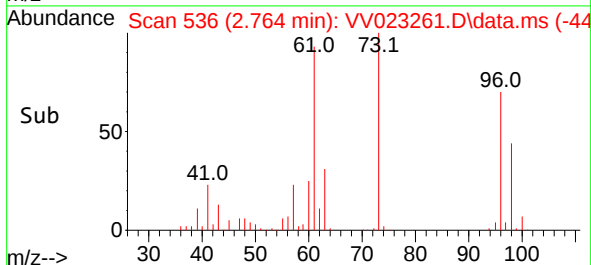
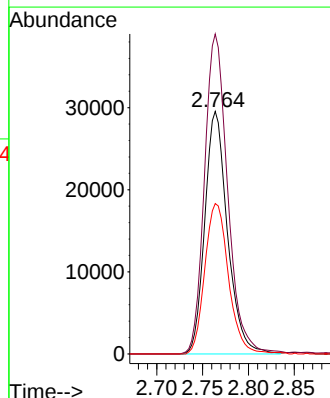
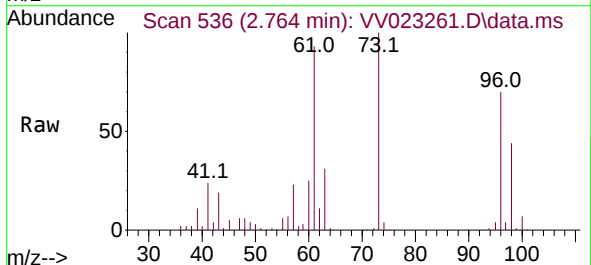
Tgt Ion: 96 Resp: 50962

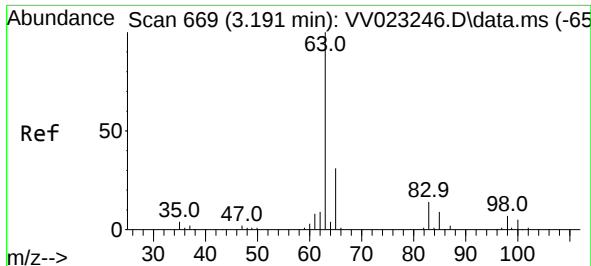
Ion Ratio Lower Upper

96 100

61 132.0 89.2 165.6

98 62.0 41.9 77.9





#19

1,1-Dichloroethane

Concen: 4.879 ug/L

RT: 3.191 min Scan# 60

Delta R.T. 0.000 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

Instrument :

MSVOA_V

ClientSampleId :

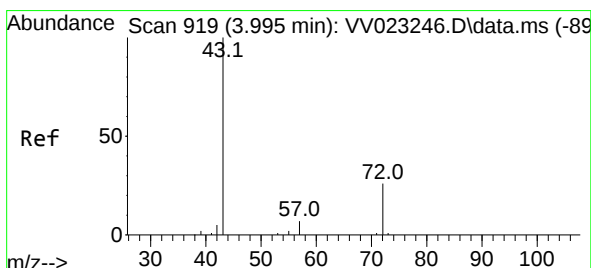
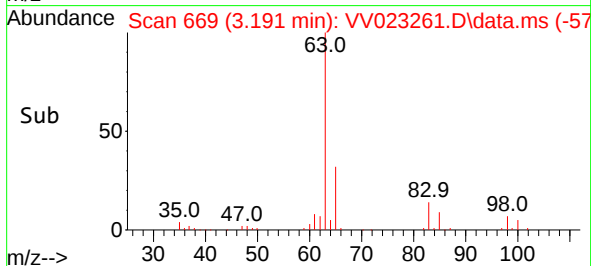
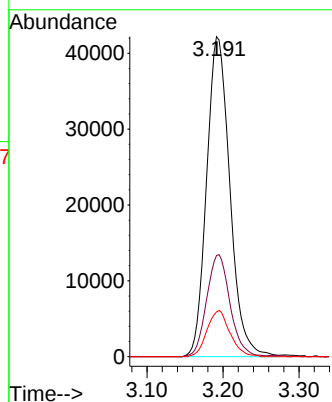
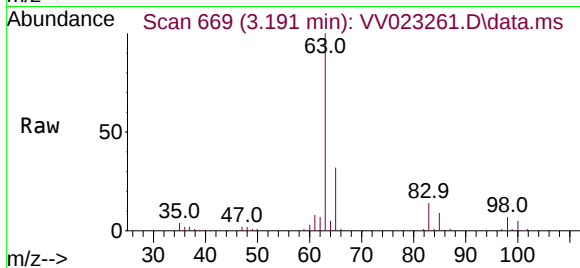
Tgt Ion: 63 Resp: 89644

Ion Ratio Lower Upper

63 100

65 31.6 21.6 40.2

83 14.0 9.8 18.2



#21

2-Butanone

Concen: 71.799 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.019 min

Lab File: VV023261.D

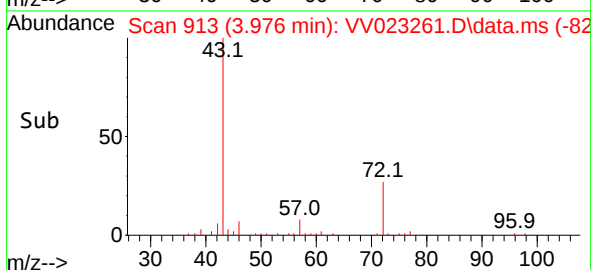
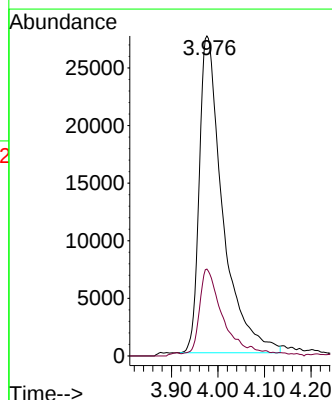
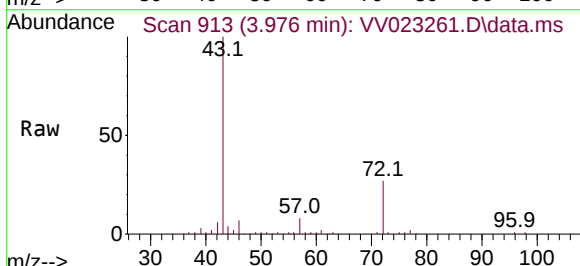
Acq: 06 Nov 2021 02:54

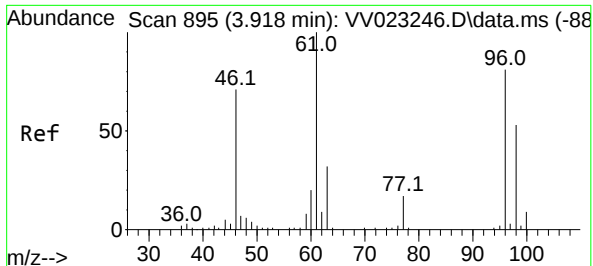
Tgt Ion: 43 Resp: 96302

Ion Ratio Lower Upper

43 100

72 25.0 11.6 34.7





#22

cis-1,2-Dichloroethene

Concen: 4.968 ug/L

RT: 3.915 min Scan# 895

Delta R.T. -0.003 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

Instrument :

MSVOA_V

ClientSampleId :

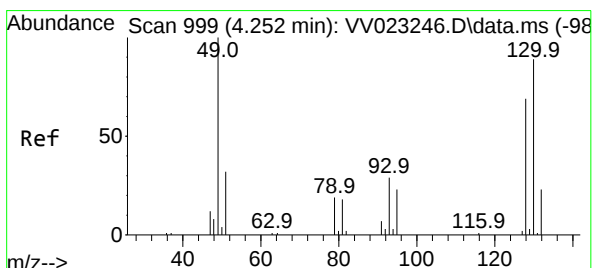
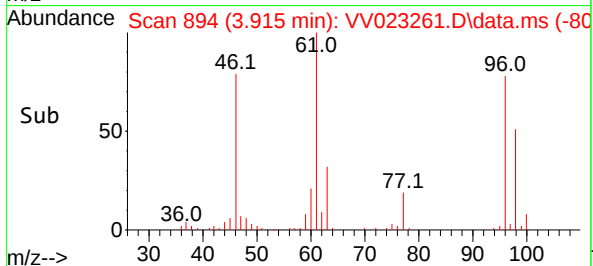
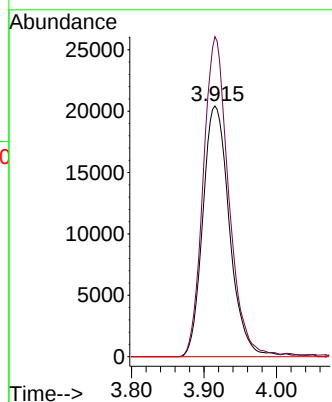
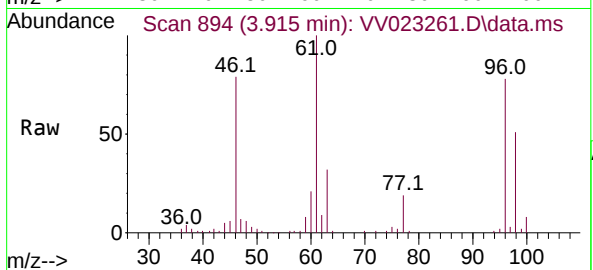
Tgt Ion: 96 Resp: 52032

Ion Ratio Lower Upper

96 100

61 127.7 86.7 160.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.798 ug/L

RT: 4.253 min Scan# 999

Delta R.T. 0.000 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

Tgt Ion: 128 Resp: 23172

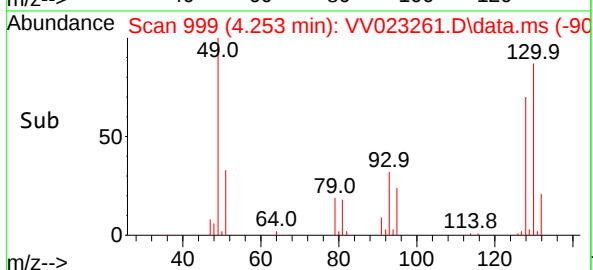
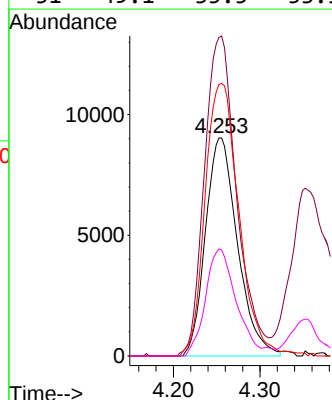
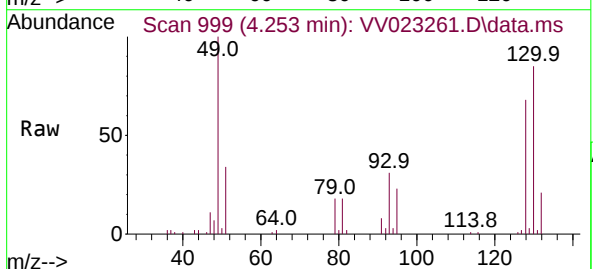
Ion Ratio Lower Upper

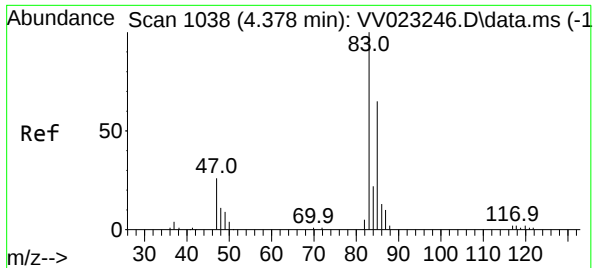
128 100

49 146.2 103.0 191.4

130 124.6 86.7 161.1

51 49.1 35.5 53.3

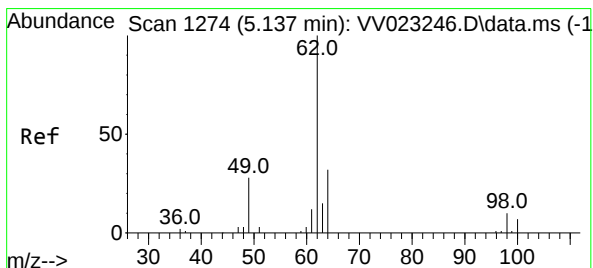
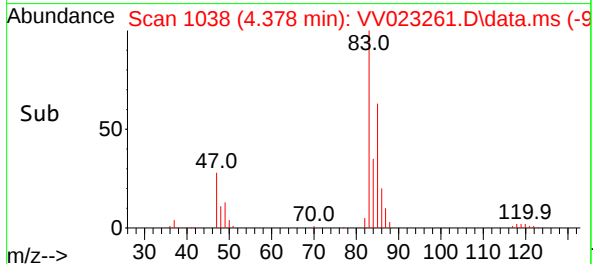
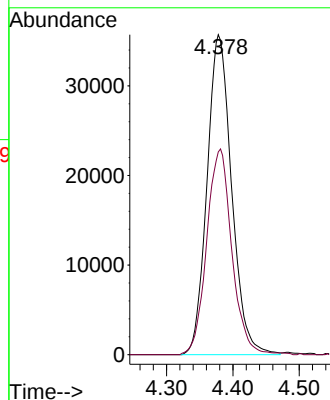
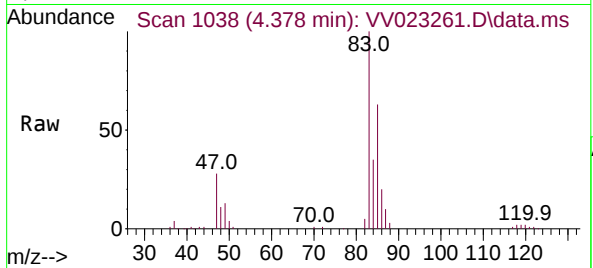




#25
Chloroform
Concen: 4.697 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

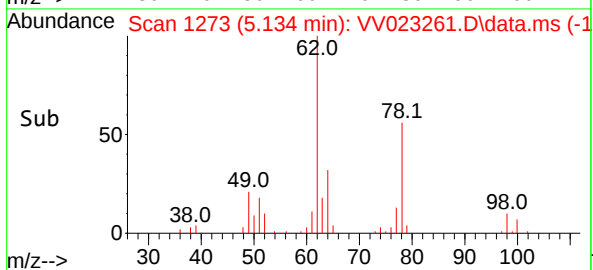
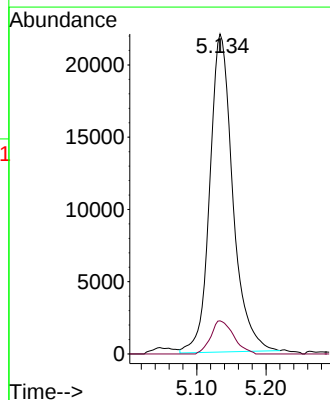
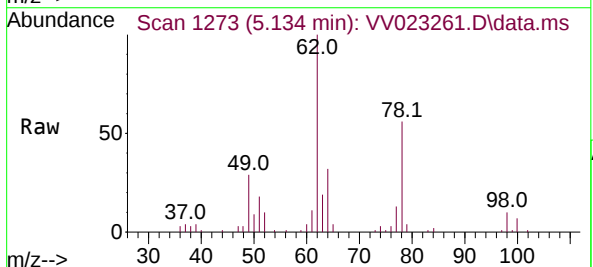
Instrument :
MSVOA_V
ClientSampleId :

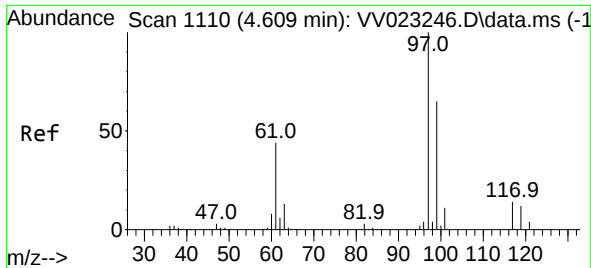
Tgt Ion: 83 Resp: 92001
Ion Ratio Lower Upper
83 100
85 63.4 46.3 85.9



#27
1,2-Dichloroethane
Concen: 4.876 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

Tgt Ion: 62 Resp: 50792
Ion Ratio Lower Upper
62 100
98 10.3 8.2 12.2

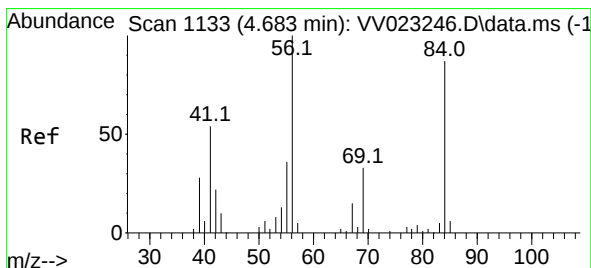
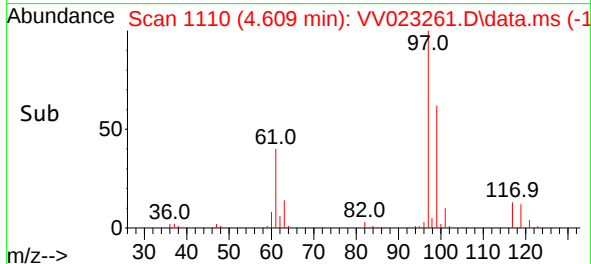
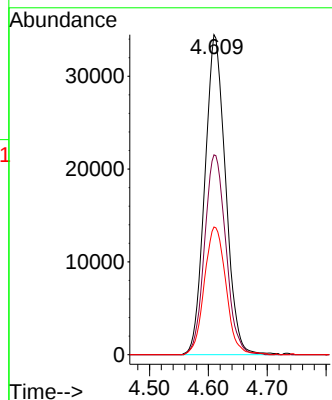
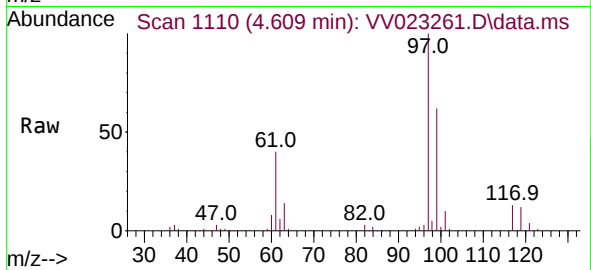




#29
1,1,1-Trichloroethane
Concen: 4.754 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

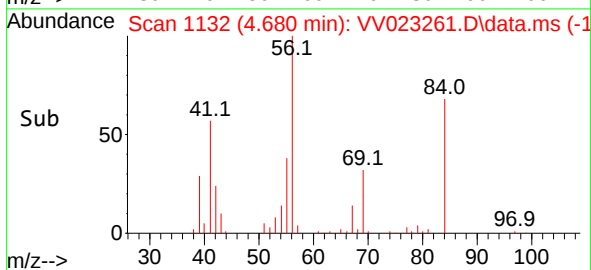
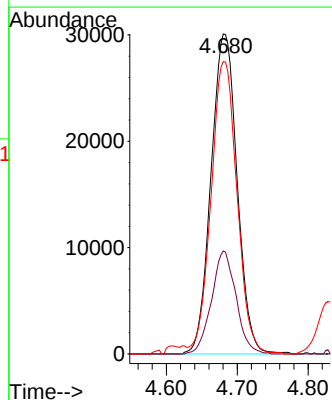
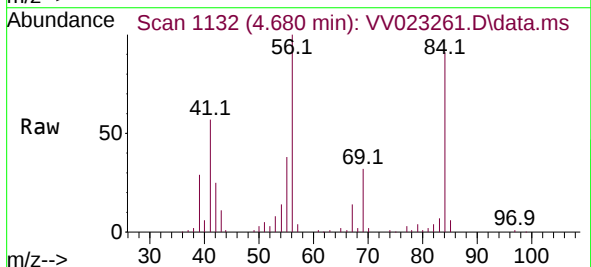
Instrument :
MSVOA_V
ClientSampleId :

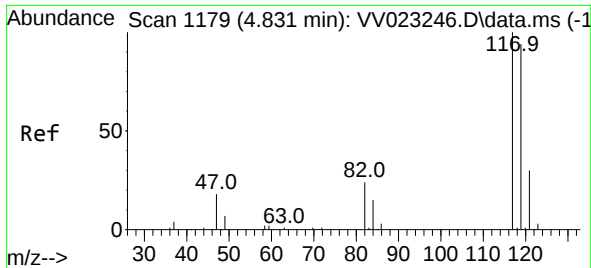
Tgt Ion:	97	Resp:	84522
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	41.7	33.5	50.3



#30
Cyclohexane
Concen: 4.827 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

Tgt Ion:	56	Resp:	76906
Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.7	37.1
84	90.1	73.8	110.6

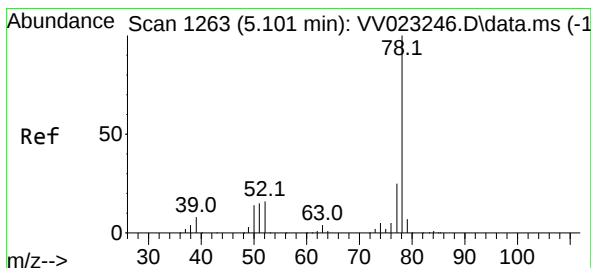
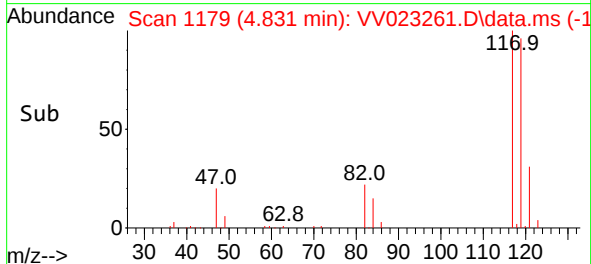
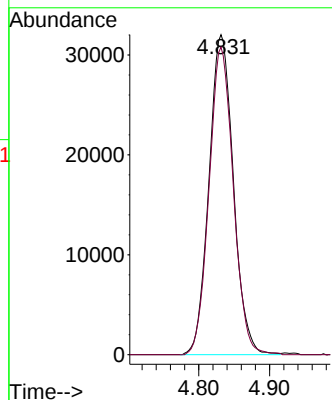
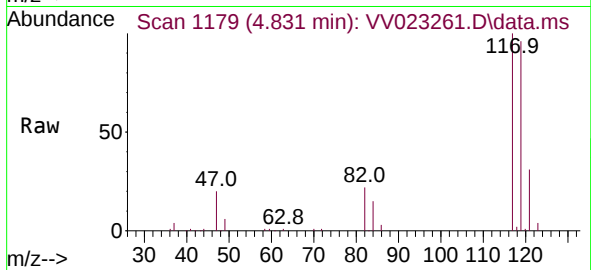




#31
Carbon tetrachloride
Concen: 4.804 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

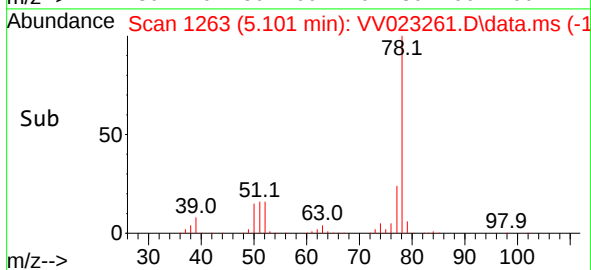
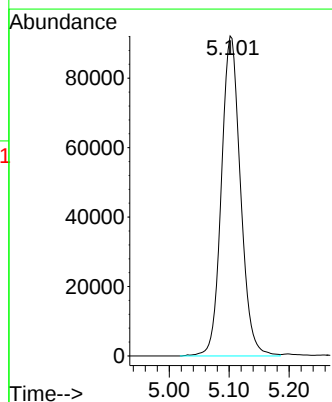
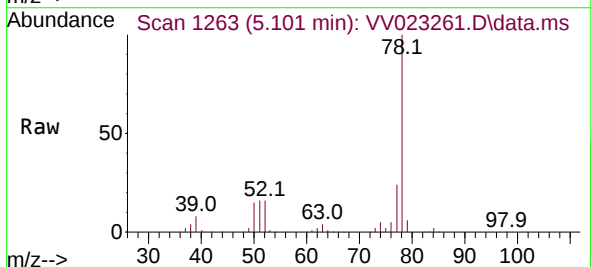
Instrument :
MSVOA_V
ClientSampleId :

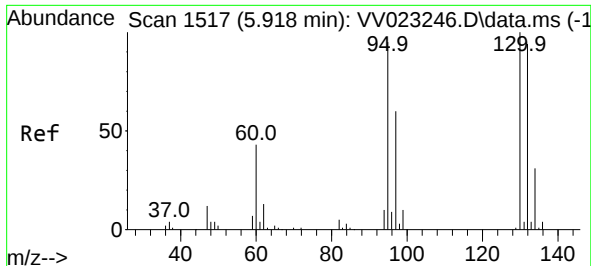
Tgt Ion:117 Resp: 76704
Ion Ratio Lower Upper
117 100
119 95.0 76.6 114.8



#33
Benzene
Concen: 4.982 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

Tgt Ion: 78 Resp: 203853

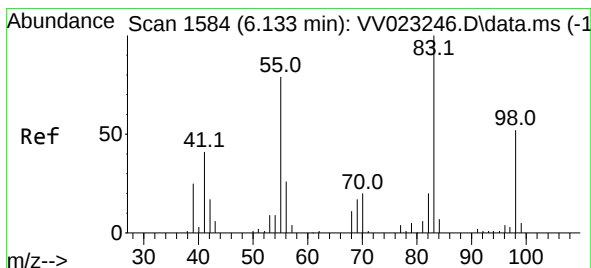
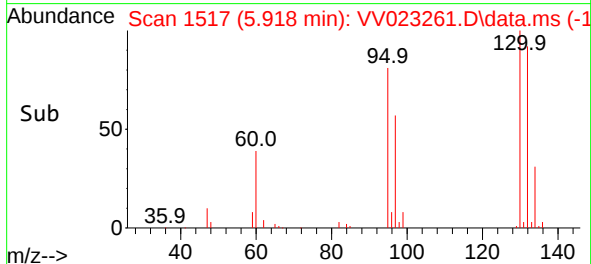
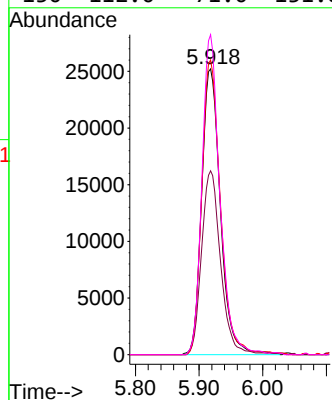
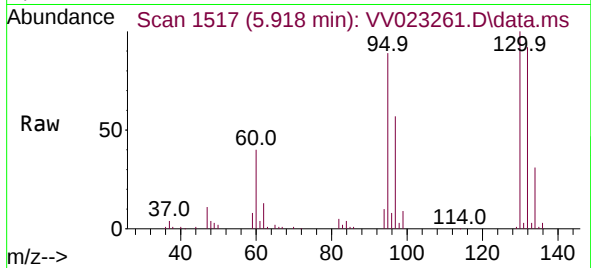




#34
Trichloroethene
Concen: 4.747 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

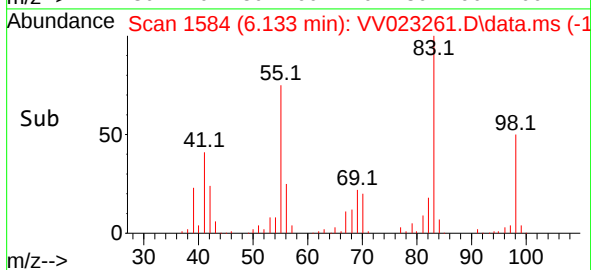
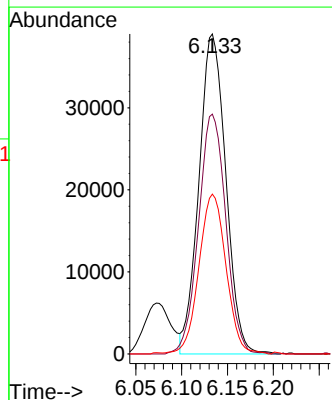
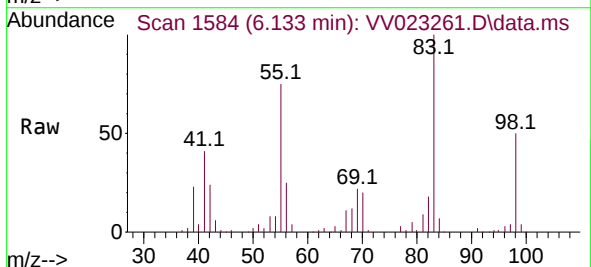
Instrument :
MSVOA_V
ClientSampleId :

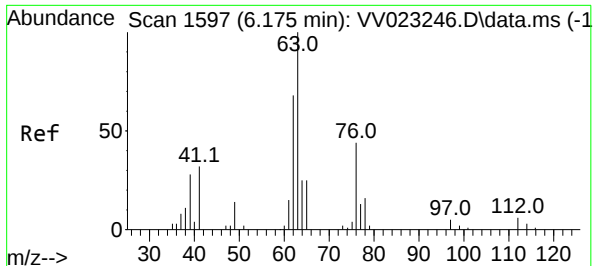
Tgt Ion: 95 Resp: 51654
Ion Ratio Lower Upper
95 100
97 64.3 43.3 80.5
132 103.1 70.0 130.0
130 112.0 71.0 131.8



#35
Methylcyclohexane
Concen: 4.631 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

Tgt Ion: 83 Resp: 79532
Ion Ratio Lower Upper
83 100
55 76.1 59.6 89.4
98 50.4 40.6 61.0





#37

1,2-Dichloropropane

Concen: 4.968 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

Instrument :

MSVOA_V

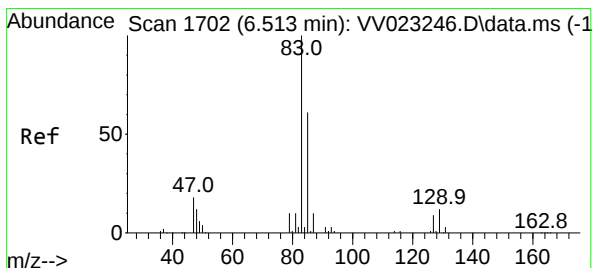
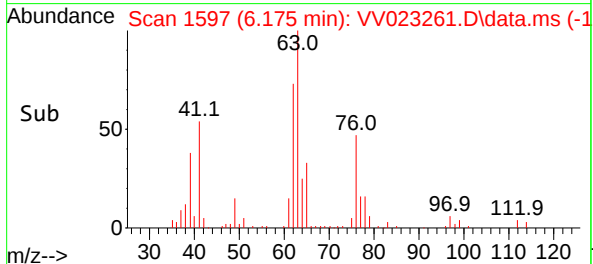
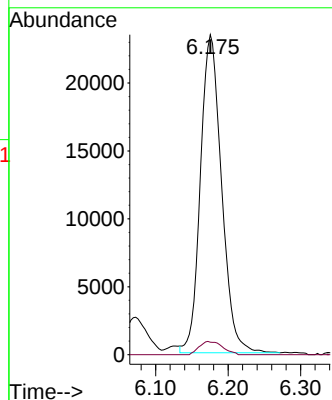
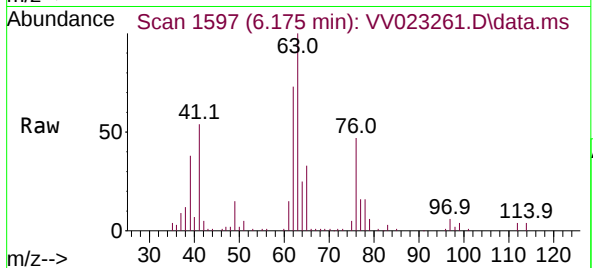
ClientSampleId :

Tgt Ion: 63 Resp: 47451

Ion Ratio Lower Upper

63 100

112 4.6 4.5 6.7



#38

Bromodichloromethane

Concen: 4.815 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

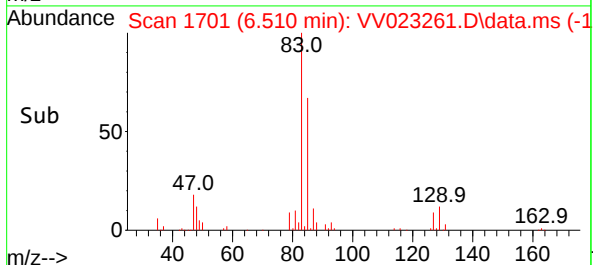
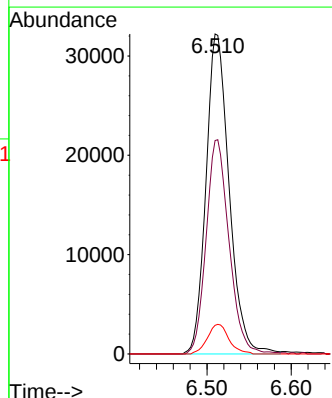
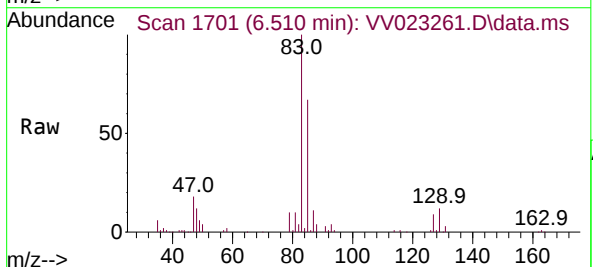
Tgt Ion: 83 Resp: 61634

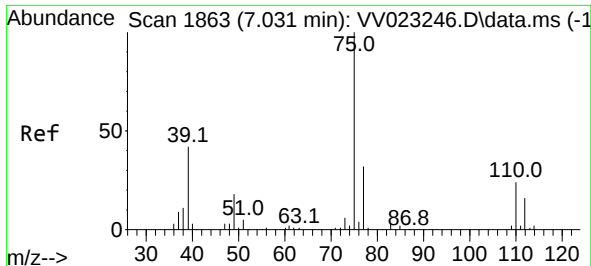
Ion Ratio Lower Upper

83 100

85 66.7 46.1 85.5

127 9.0 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 4.785 ug/L

RT: 7.031 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

Instrument :

MSVOA_V

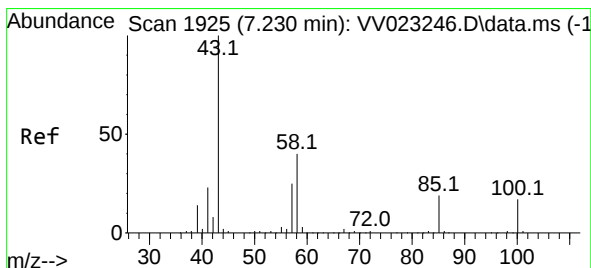
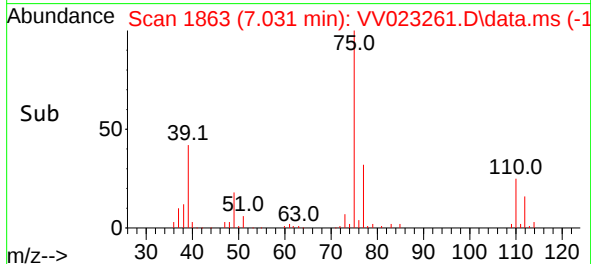
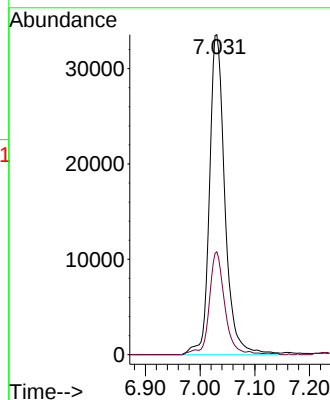
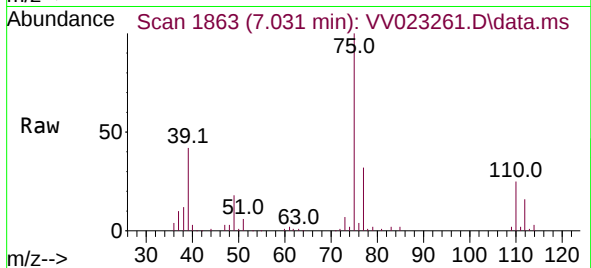
ClientSampleId :

Tgt Ion: 75 Resp: 65735

Ion Ratio Lower Upper

75 100

77 32.1 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 54.084 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

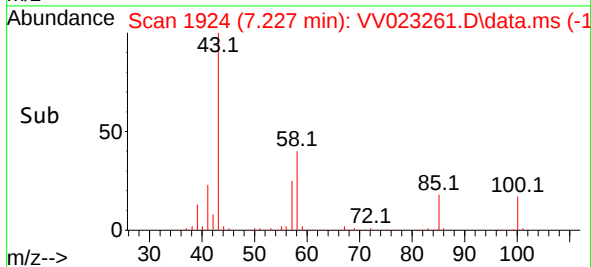
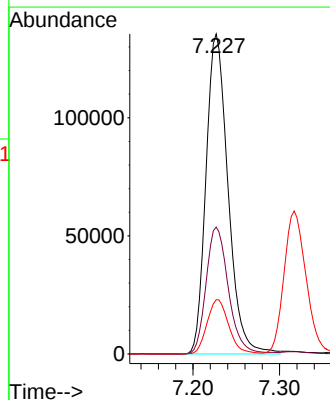
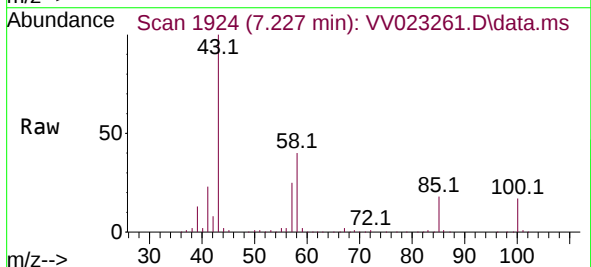
Tgt Ion: 43 Resp: 239591

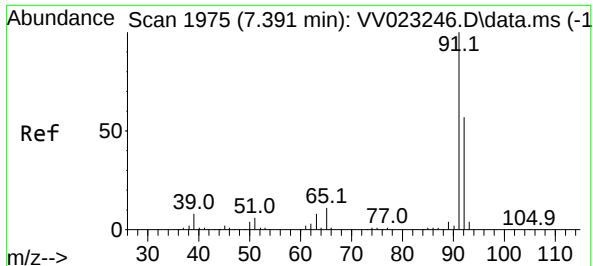
Ion Ratio Lower Upper

43 100

58 40.1 33.3 49.9

100 16.7 13.0 19.6





#42

Toluene

Concen: 5.100 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

Instrument :

MSVOA_V

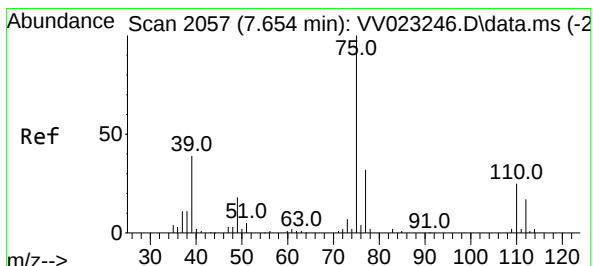
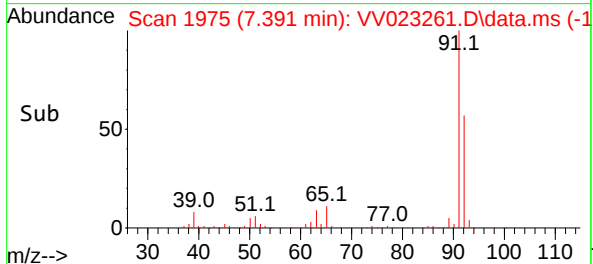
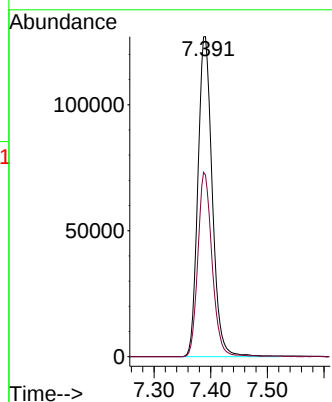
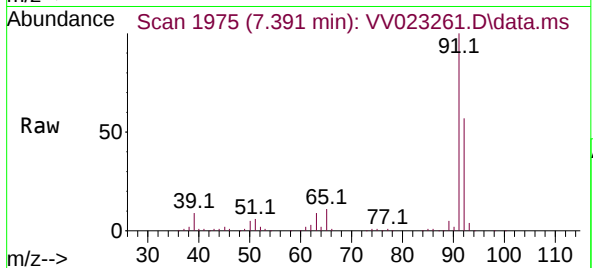
ClientSampleId :

Tgt Ion: 91 Resp: 223178

Ion Ratio Lower Upper

91 100

92 56.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.704 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV023261.D

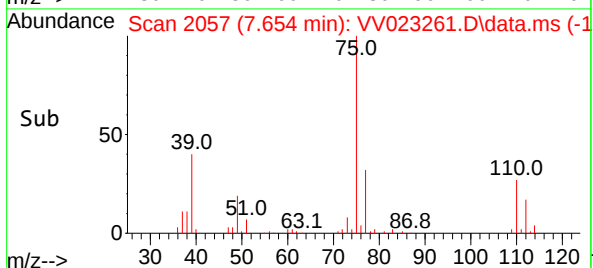
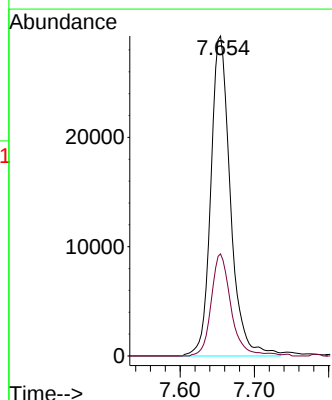
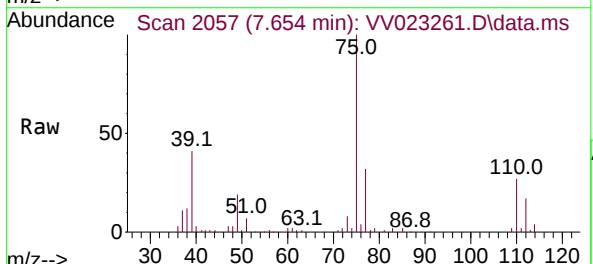
Acq: 06 Nov 2021 02:54

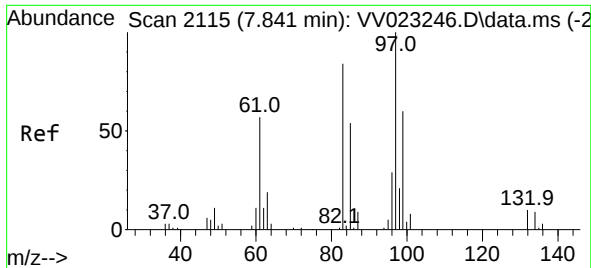
Tgt Ion: 75 Resp: 53617

Ion Ratio Lower Upper

75 100

77 31.9 21.3 39.6

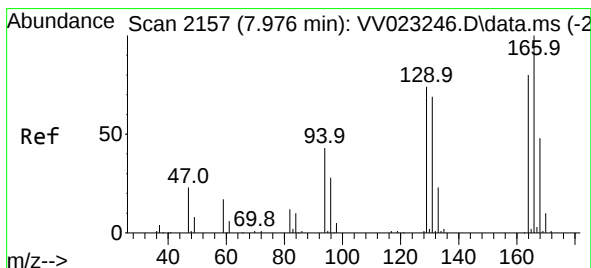
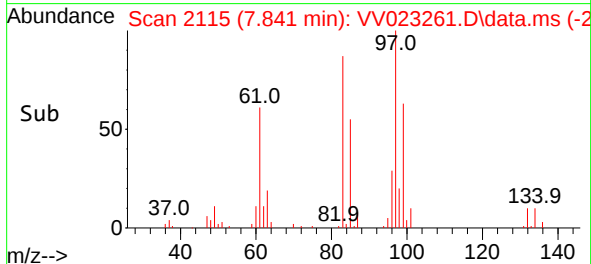
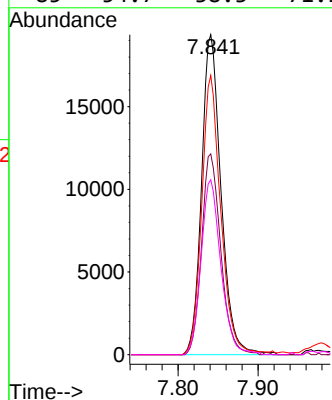
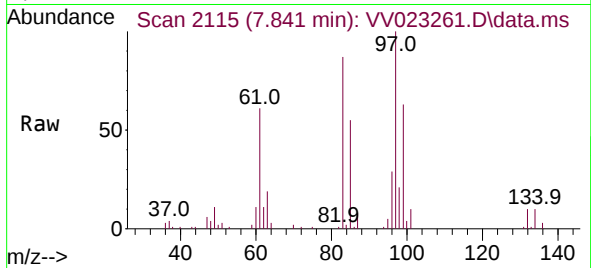




#45
1,1,2-Trichloroethane
Concen: 4.782 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

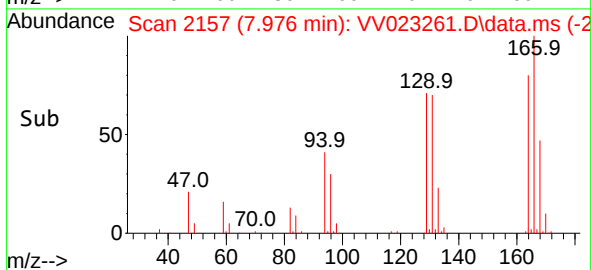
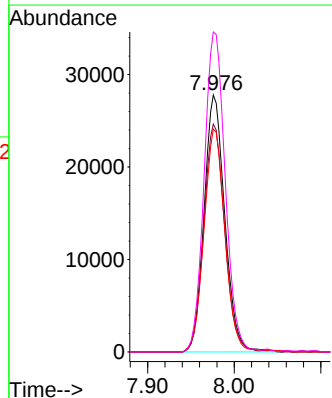
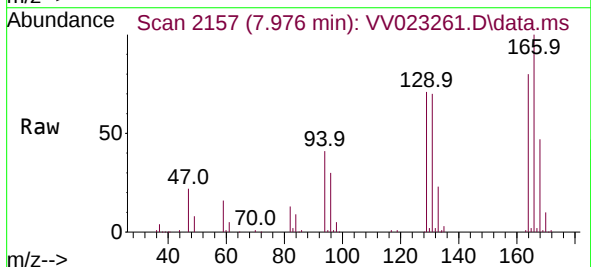
Instrument :
MSVOA_V
ClientSampleId :

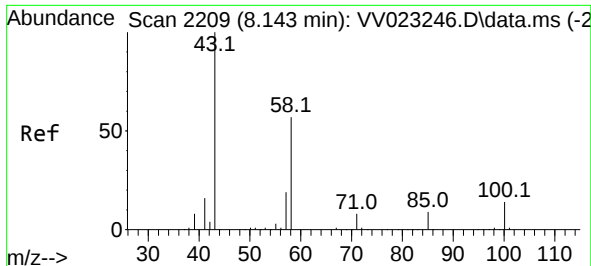
Tgt Ion:	97	Resp:	32822
Ion	Ratio	Lower	Upper
97	100		
99	62.7	47.0	87.4
83	87.3	62.6	116.3
85	54.7	38.3	71.1



#47
Tetrachloroethene
Concen: 4.905 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

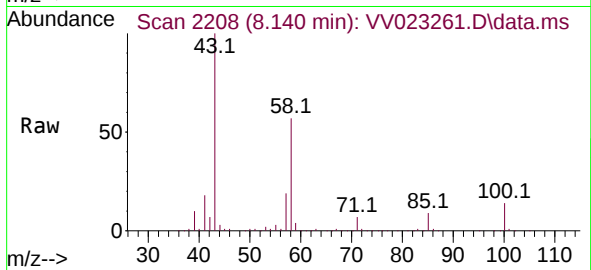
Tgt Ion:	164	Resp:	46252
Ion	Ratio	Lower	Upper
164	100		
129	88.7	65.5	121.7
131	86.7	63.9	118.7
166	124.5	91.1	169.1



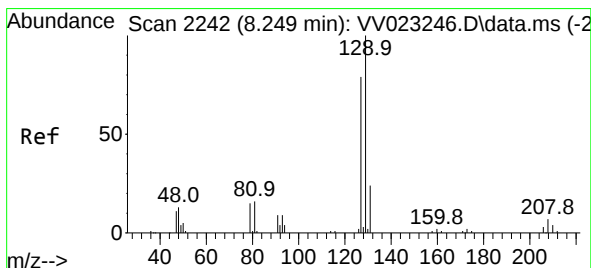
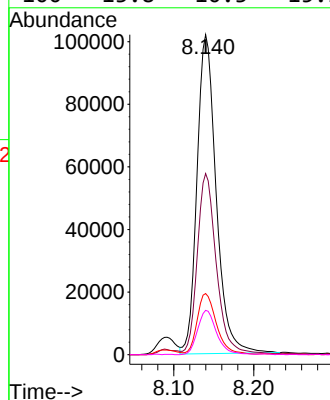
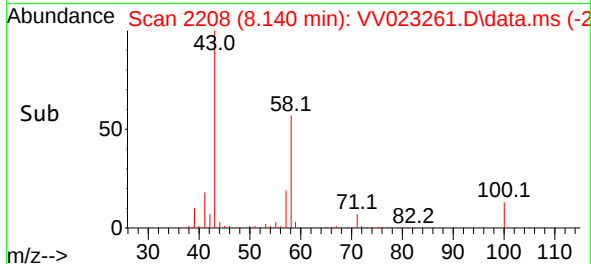


#48
2-Hexanone
Concen: 53.690 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

Instrument :
MSVOA_V
ClientSampleId :

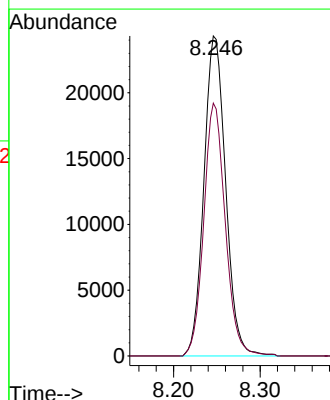
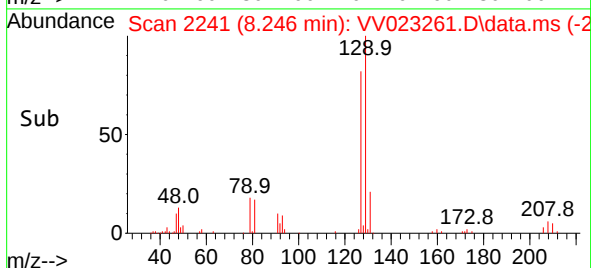
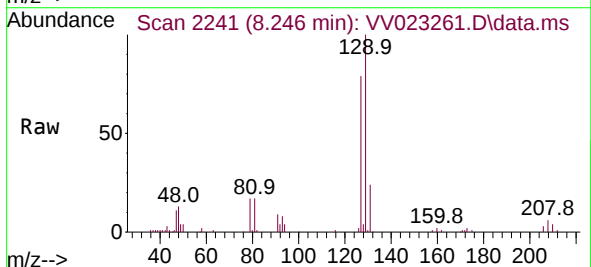


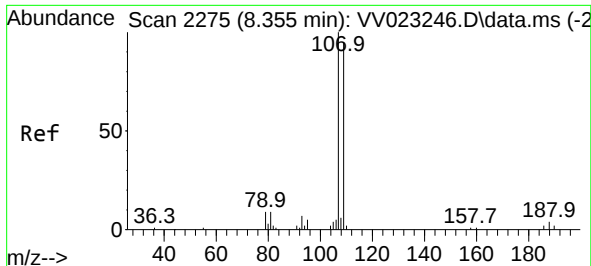
Tgt Ion: 43 Resp: 170589
Ion Ratio Lower Upper
43 100
58 55.9 43.0 64.6
57 19.1 14.9 22.3
100 13.8 10.3 15.5



#49
Dibromochloromethane
Concen: 4.876 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

Tgt Ion:129 Resp: 42402
Ion Ratio Lower Upper
129 100
127 79.0 54.4 101.0





#50

1,2-Dibromoethane

Concen: 4.881 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023261.D

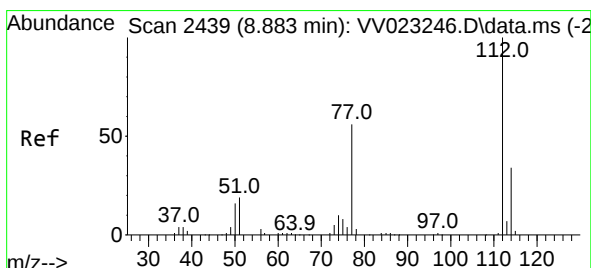
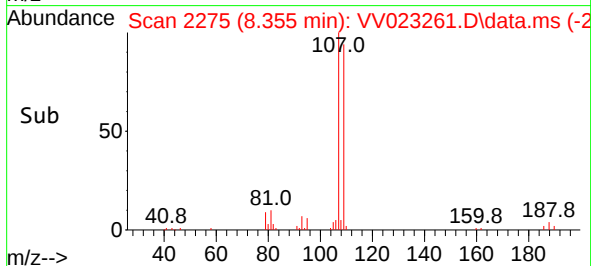
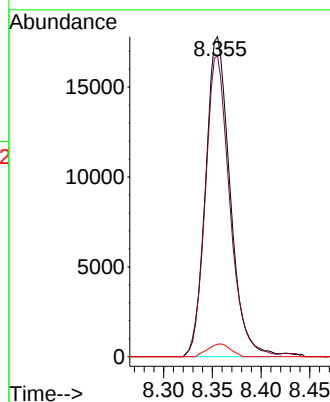
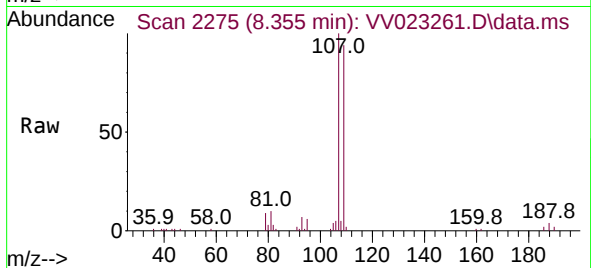
Acq: 06 Nov 2021 02:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	31041
Ion	Ratio	Lower	Upper
107	100		
109	94.1	67.0	124.4
188	3.9	2.9	4.3



#51

Chlorobenzene

Concen: 4.866 ug/L

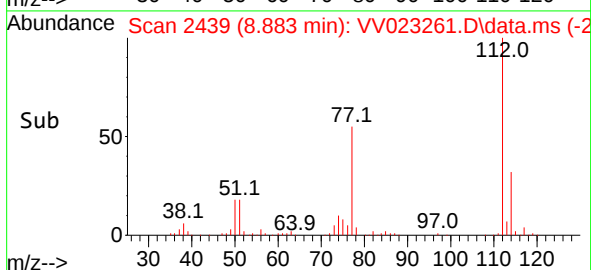
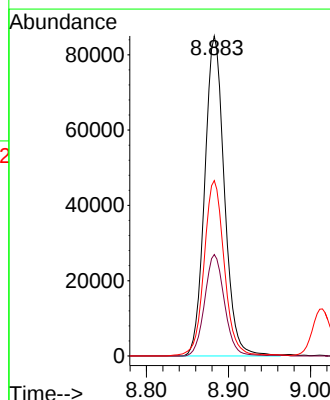
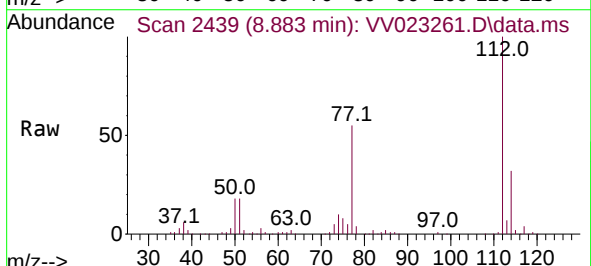
RT: 8.883 min Scan# 2439

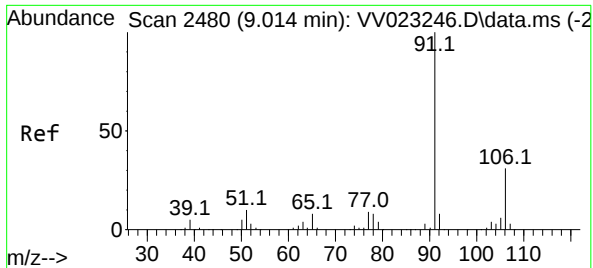
Delta R.T. 0.000 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

Tgt Ion:	112	Resp:	141554
Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.4	41.6
77	54.8	43.8	65.8

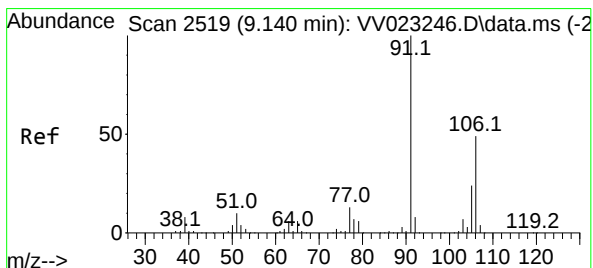
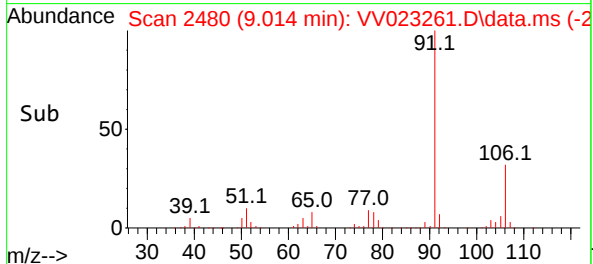
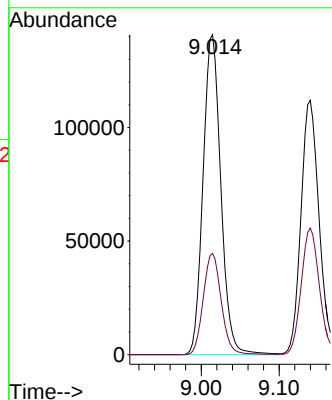
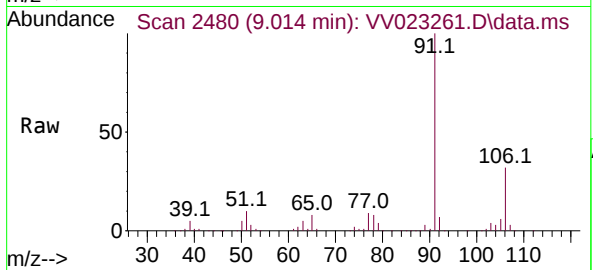




#52
Ethylbenzene
Concen: 4.841 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

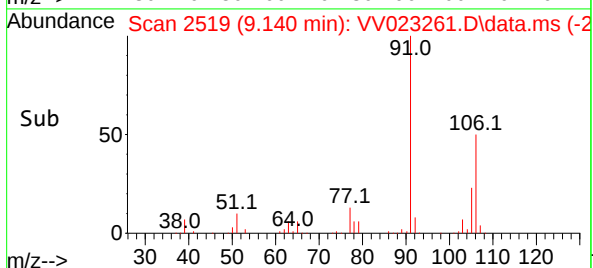
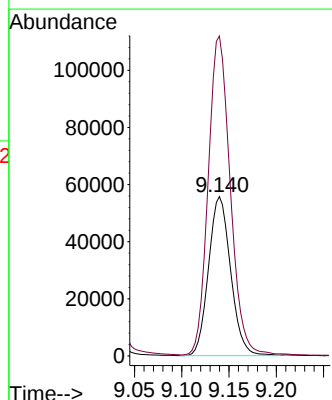
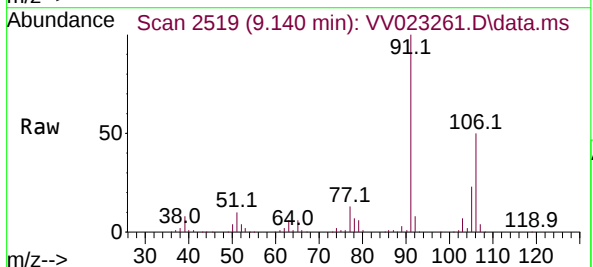
Instrument :
MSVOA_V
ClientSampleId :

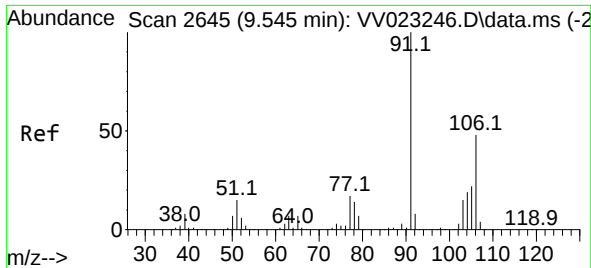
Tgt Ion: 91 Resp: 223452
Ion Ratio Lower Upper
91 100
106 31.7 22.3 41.5



#53
m,p-xylene
Concen: 5.000 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

Tgt Ion: 106 Resp: 90570
Ion Ratio Lower Upper
106 100
91 200.7 140.1 260.1

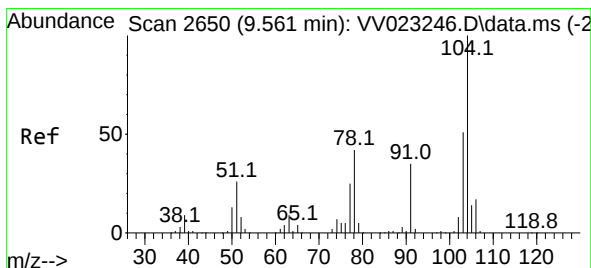
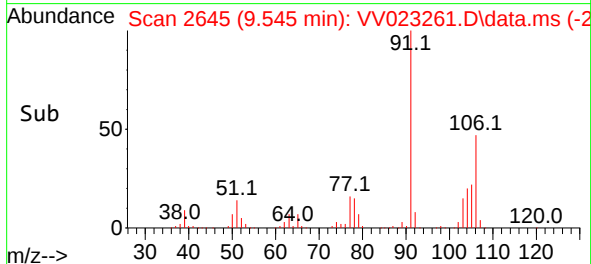
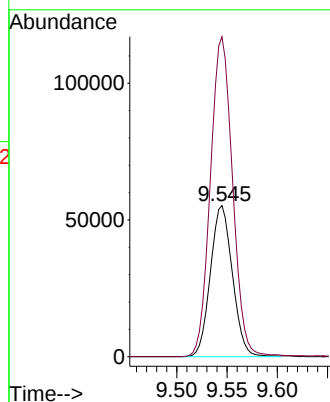
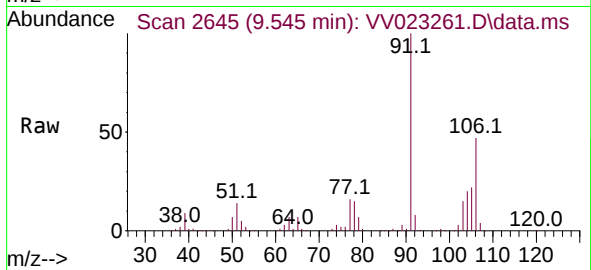




#54
o-xylene
Concen: 4.956 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

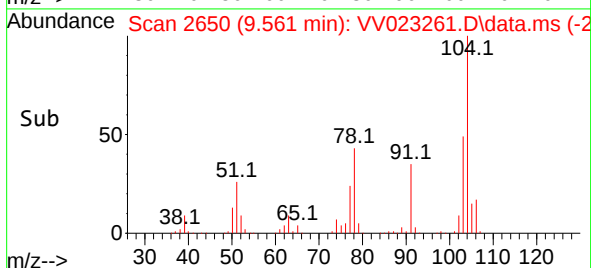
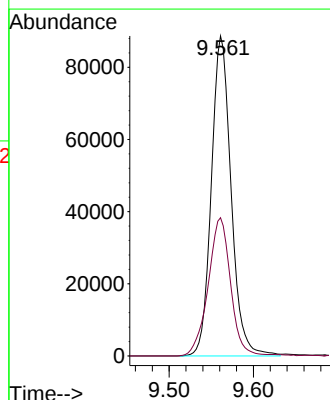
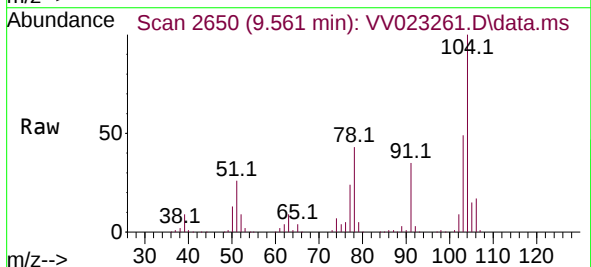
Instrument :
MSVOA_V
ClientSampleId :

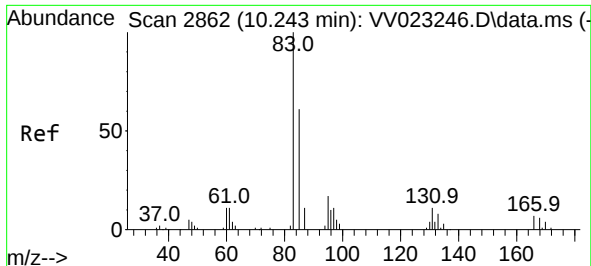
Tgt Ion:106 Resp: 84213
Ion Ratio Lower Upper
106 100
91 211.6 148.1 275.1



#55
Styrene
Concen: 4.963 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

Tgt Ion:104 Resp: 144467
Ion Ratio Lower Upper
104 100
78 43.2 30.4 56.5

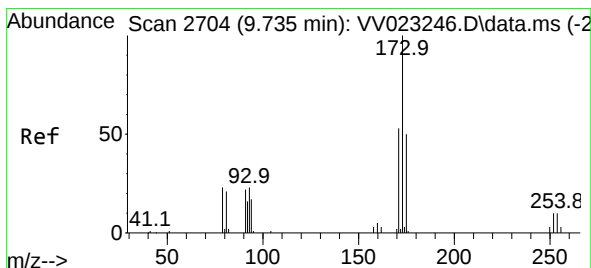
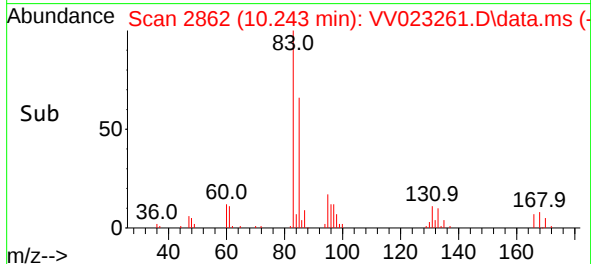
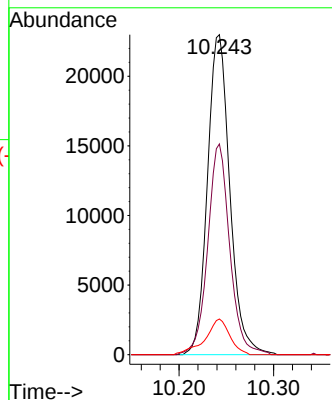
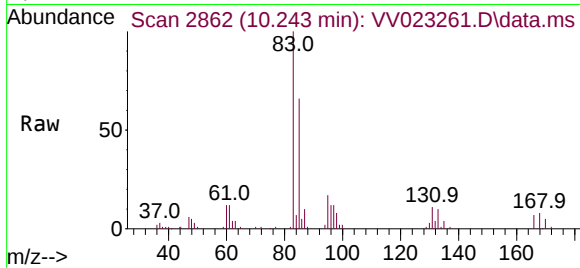




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.027 ug/L
 RT: 10.243 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023261.D
 Acq: 06 Nov 2021 02:54

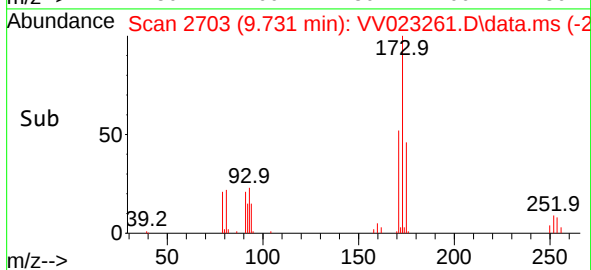
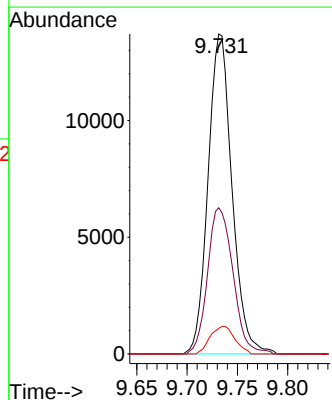
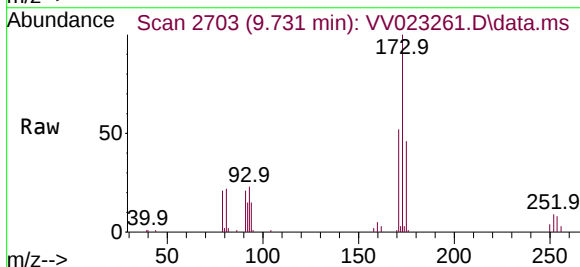
Instrument :
 MSVOA_V
 ClientSampleId :

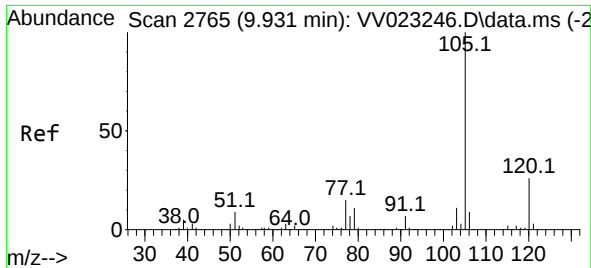
Tgt Ion: 83 Resp: 37801
 Ion Ratio Lower Upper
 83 100
 85 65.8 46.2 85.8
 131 11.1 8.7 13.1



#59
 Bromoform
 Concen: 4.688 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.003 min
 Lab File: VV023261.D
 Acq: 06 Nov 2021 02:54

Tgt Ion: 173 Resp: 22725
 Ion Ratio Lower Upper
 173 100
 175 48.5 39.7 59.5
 254 8.9 6.6 10.0

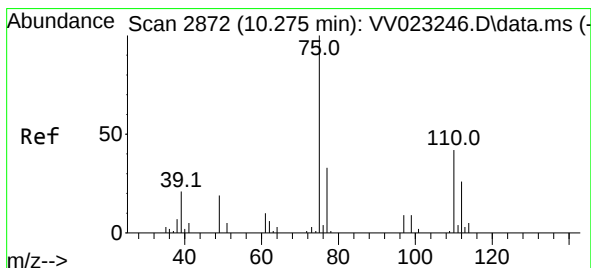
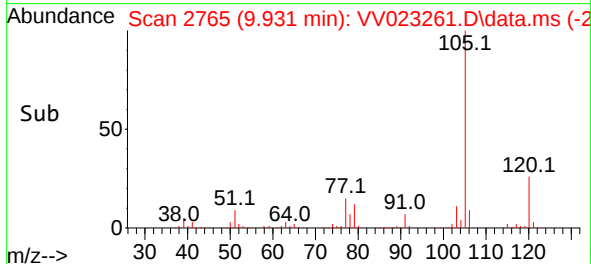
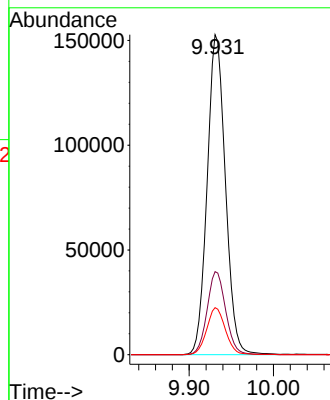
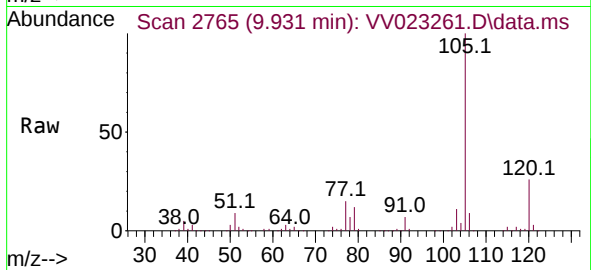




#60
Isopropylbenzene
Concen: 4.949 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

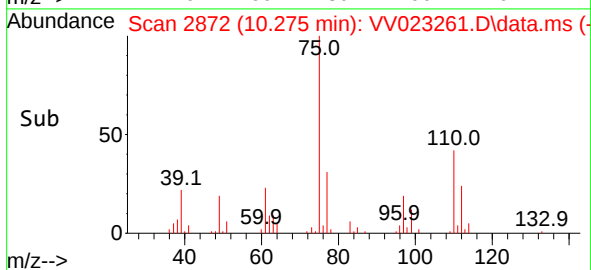
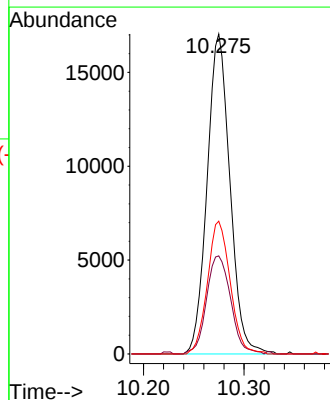
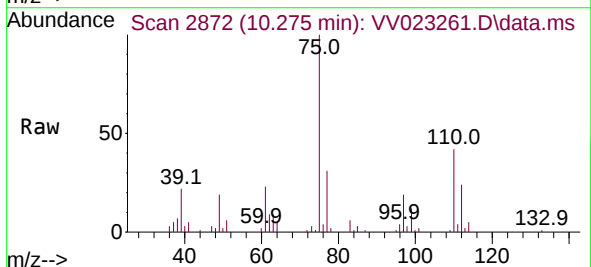
Instrument :
MSVOA_V
ClientSampleId :

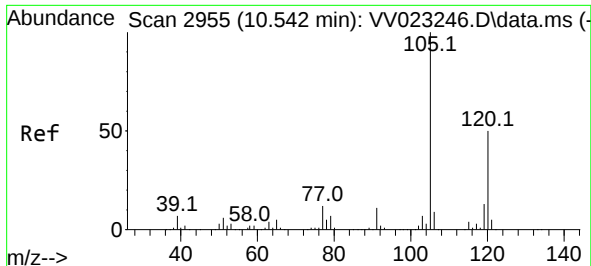
Tgt Ion:105 Resp: 230491
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 15.0 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 4.983 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

Tgt Ion: 75 Resp: 26864
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8
110 41.5 33.0 49.4





#62

1,3,5-Trimethylbenzene

Concen: 4.797 ug/L

RT: 10.538 min Scan# 2955

Delta R.T. -0.003 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

Instrument :

MSVOA_V

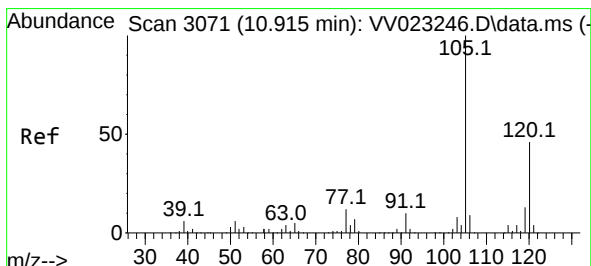
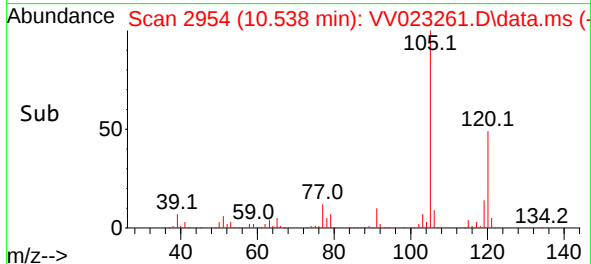
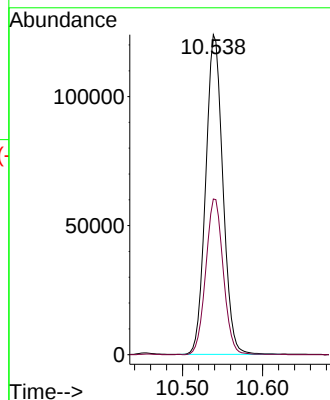
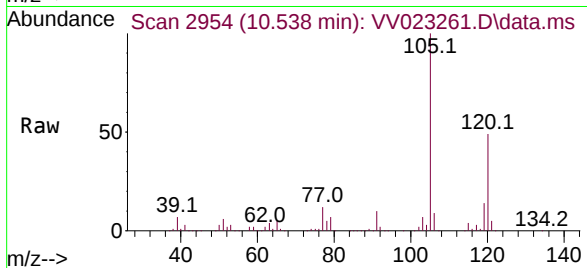
ClientSampleId :

Tgt Ion:105 Resp: 185251

Ion Ratio Lower Upper

105 100

120 49.7 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 4.988 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023261.D

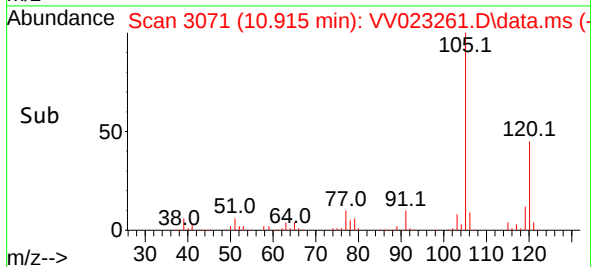
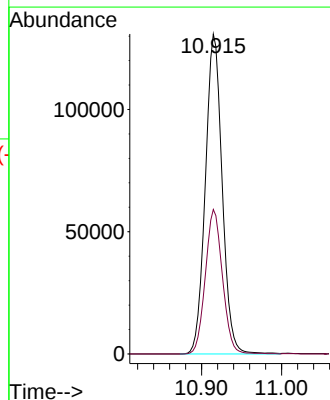
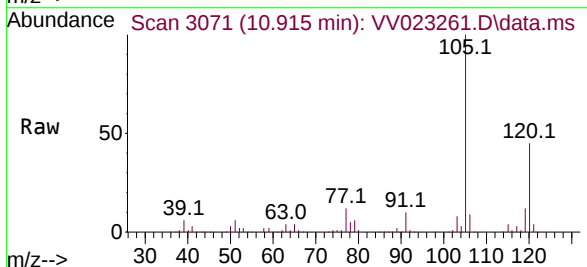
Acq: 06 Nov 2021 02:54

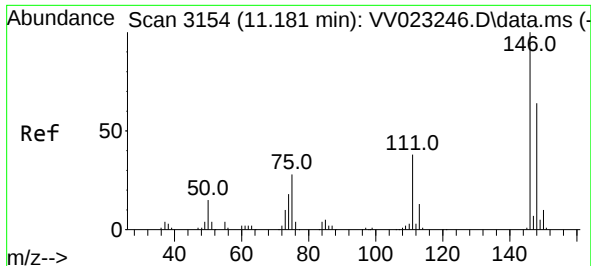
Tgt Ion:105 Resp: 191739

Ion Ratio Lower Upper

105 100

120 45.8 36.5 54.7

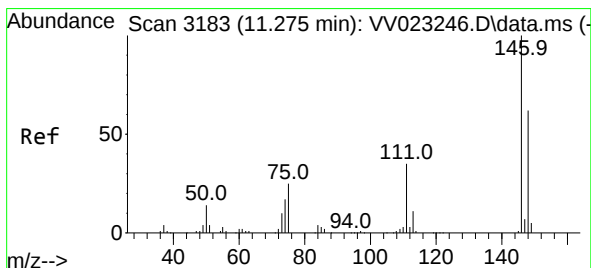
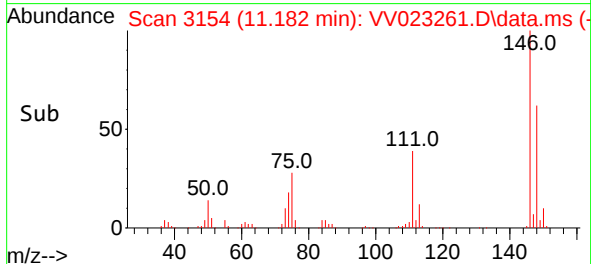
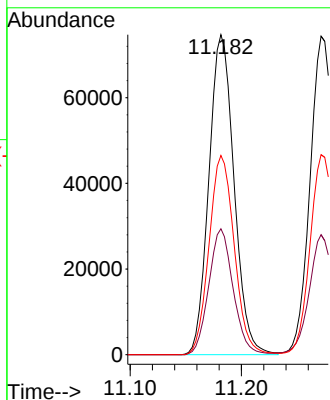
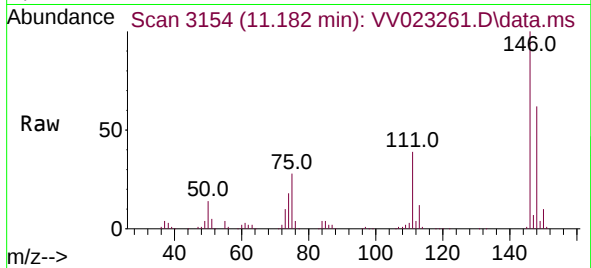




#64
 1,3-Dichlorobenzene
 Concen: 4.932 ug/L
 RT: 11.182 min Scan# 3154
 Delta R.T. 0.000 min
 Lab File: VV023261.D
 Acq: 06 Nov 2021 02:54

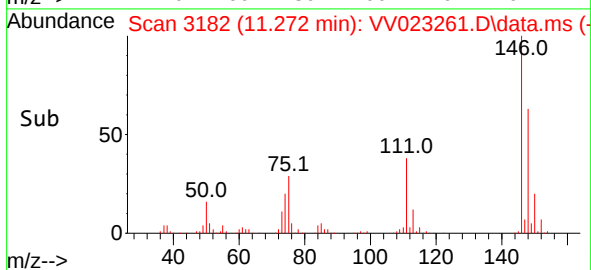
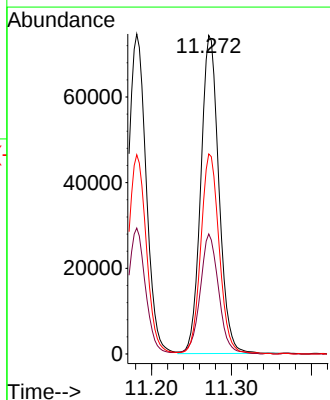
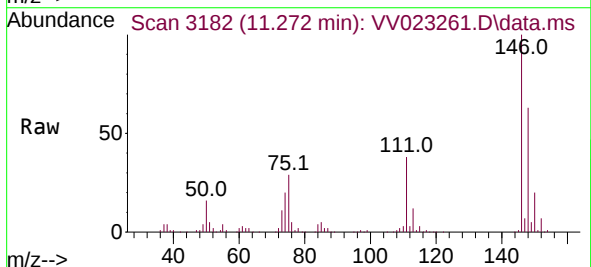
Instrument :
 MSVOA_V
 ClientSampleId :

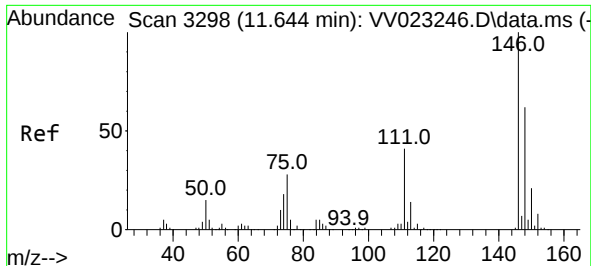
Tgt Ion:146 Resp: 117364
 Ion Ratio Lower Upper
 146 100
 111 39.4 28.1 52.3
 148 62.2 44.9 83.5



#65
 1,4-Dichlorobenzene
 Concen: 4.820 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. -0.003 min
 Lab File: VV023261.D
 Acq: 06 Nov 2021 02:54

Tgt Ion:146 Resp: 117149
 Ion Ratio Lower Upper
 146 100
 111 37.7 26.1 48.5
 148 62.8 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 4.901 ug/L

RT: 11.645 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

Instrument :

MSVOA_V

ClientSampleId :

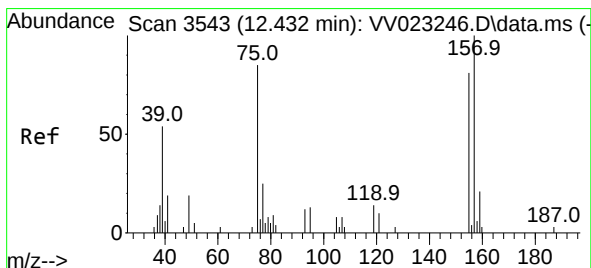
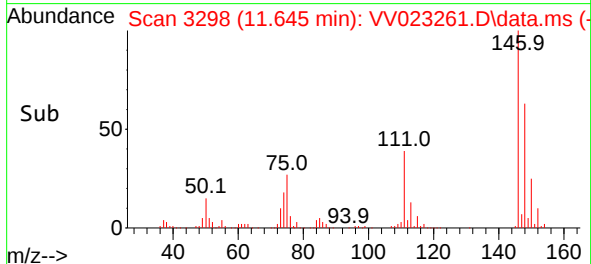
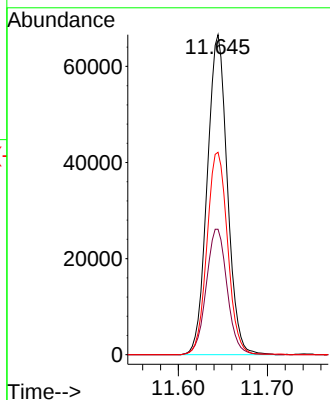
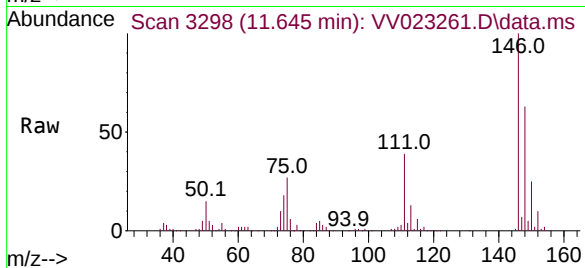
Tgt Ion:146 Resp: 104372

Ion Ratio Lower Upper

146 100

111 39.2 31.3 46.9

148 63.3 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.061 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.003 min

Lab File: VV023261.D

Acq: 06 Nov 2021 02:54

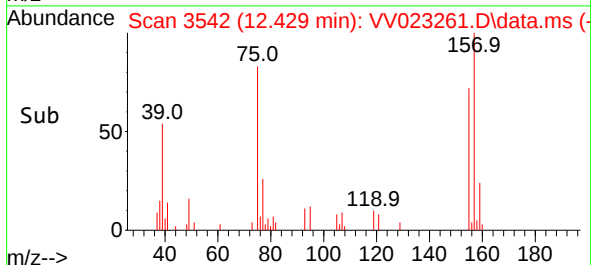
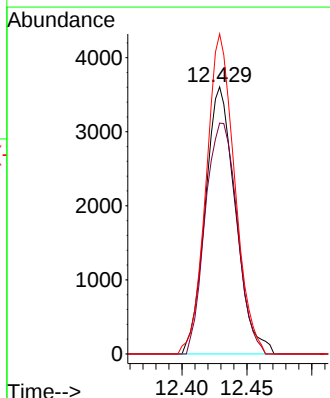
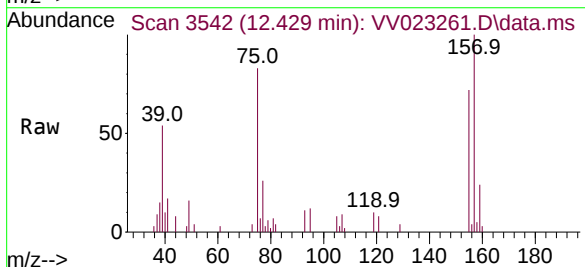
Tgt Ion: 75 Resp: 5813

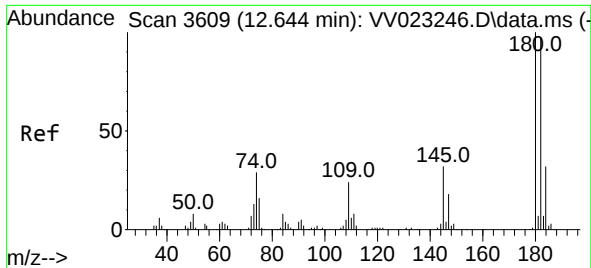
Ion Ratio Lower Upper

75 100

155 86.5 69.4 104.2

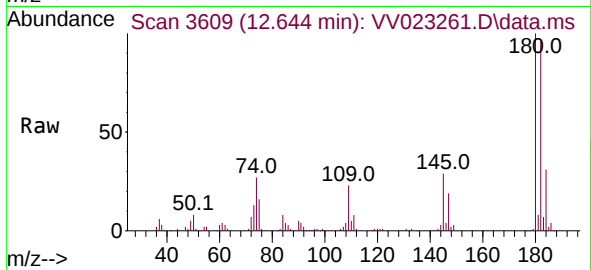
157 119.8 92.8 139.2



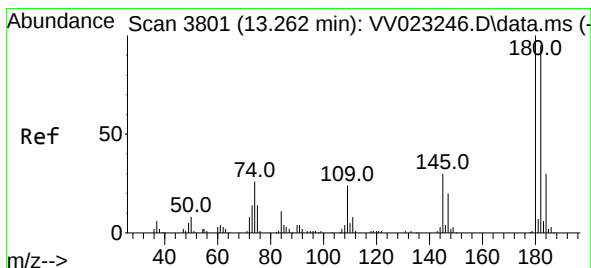
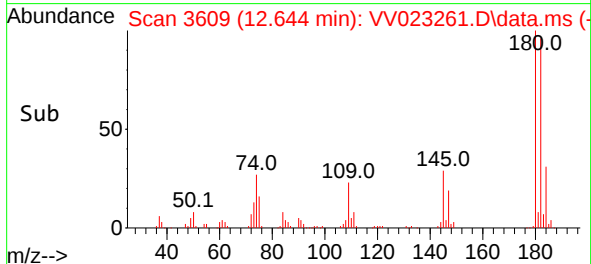
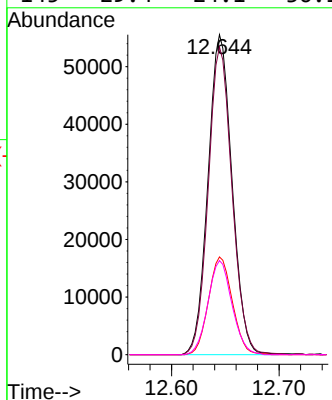


#69
 1,3,5-Trichlorobenzene
 Concen: 4.621 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV023261.D
 Acq: 06 Nov 2021 02:54

Instrument :
 MSVOA_V
 ClientSampleId :

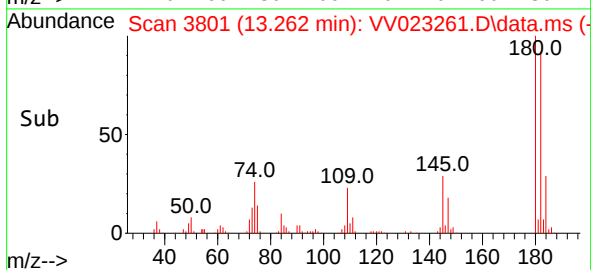
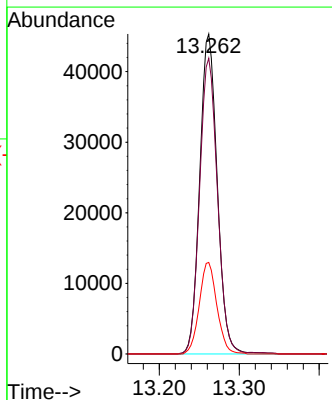
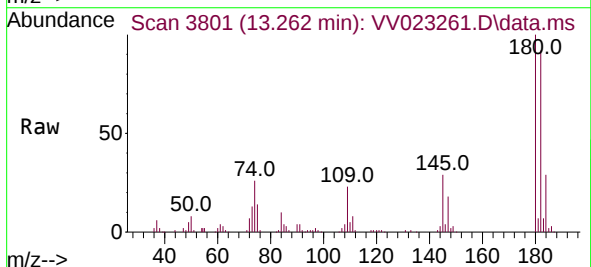


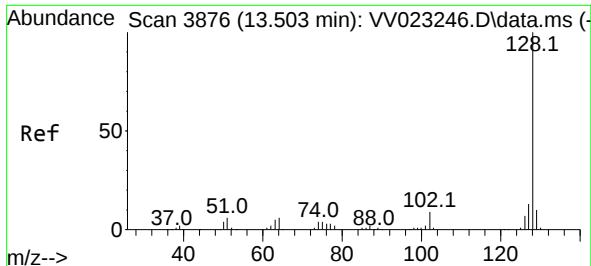
Tgt Ion:180 Resp: 86104
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.1 115.7
 184 30.3 24.9 37.3
 145 29.4 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.631 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023261.D
 Acq: 06 Nov 2021 02:54

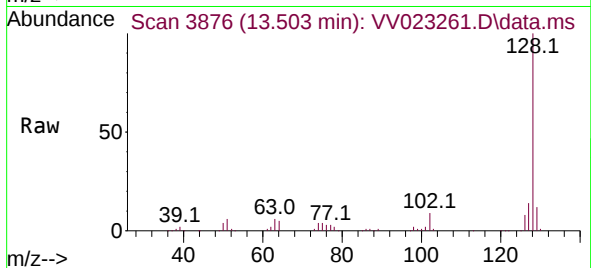
Tgt Ion:180 Resp: 69101
 Ion Ratio Lower Upper
 180 100
 182 94.1 77.4 116.2
 145 28.8 24.1 36.1



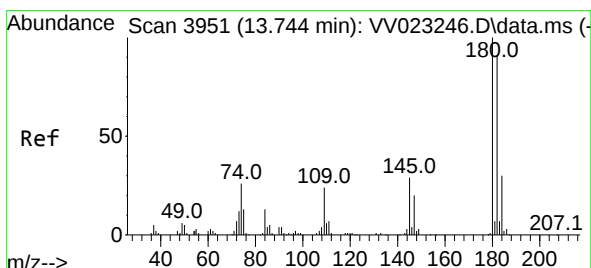
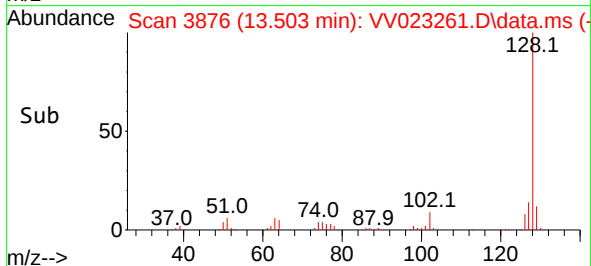
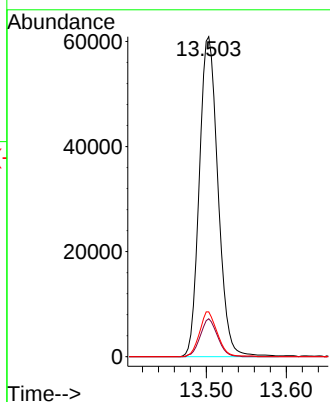


#71
Naphthalene
Concen: 4.500 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 99017
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.3 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.737 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023261.D
Acq: 06 Nov 2021 02:54

Tgt Ion:180 Resp: 61844
Ion Ratio Lower Upper
180 100
182 93.4 77.1 115.7
145 31.4 25.4 38.0

