

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120221\
 Data File : VW023766.D
 Acq On : 01 Dec 2021 21:47
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 02 01:25:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 02 01:12:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	292620	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	289781	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	165812	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80777	23.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.880%
7) Chloroethane-d5	1.568	69	68534	24.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.108	63	164802	23.393	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.560%
21) 2-Butanone-d5	3.908	46	39332	39.535	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.080%
24) Chloroform-d	4.349	84	182988	23.950	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.031	65	98016	23.339	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.360%
32) Benzene-d6	5.050	84	345065	23.649	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.069	67	99731	23.325	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.320%
41) Toluene-d8	7.313	98	334944	24.242	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.960%
43) trans-1,3-Dichloroprop...	7.622	79	46118	23.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.760%
47) 2-Hexanone-d5	8.092	63	36725	48.026	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.060%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	85983	23.279	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.120%
66) 1,2-Dichlorobenzene-d4	11.622	152	136400	23.173	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	128493	22.771	ug/L	98
3) Chloromethane	1.240	50	118797	23.679	ug/L	99
5) Vinyl chloride	1.310	62	116358	24.263	ug/L	99
6) Bromomethane	1.523	94	79784	24.637	ug/L	96
8) Chloroethane	1.584	64	71755	24.368	ug/L	97
9) Trichlorofluoromethane	1.751	101	186865	24.459	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	97730	24.691	ug/L	99
12) 1,1-Dichloroethene	2.117	96	91556	24.765	ug/L	91
13) Acetone	2.439	43	38763	33.374	ug/L	76
14) Carbon disulfide	2.291	76	334015	25.092	ug/L	100
15) Methyl Acetate	2.439	43	41897	25.166	ug/L	92
16) Methylene chloride	2.507	84	125824	22.276	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	112327	25.275	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	256646	25.627	ug/L	99
19) 1,1-Dichloroethane	3.188	63	187247	25.770	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	117702	25.923	ug/L	98
22) 2-Butanone	3.995	43	39096	33.289	ug/L #	78
23) Bromochloromethane	4.249	128	60308	26.260	ug/L	97
25) Chloroform	4.375	83	202462	25.286	ug/L	99

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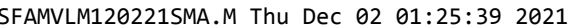
Instrument :
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 ClientSampleId :

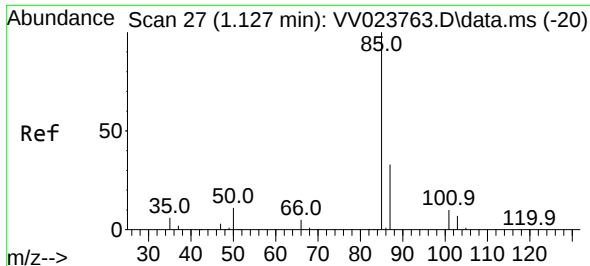
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	134657	25.860	ug/L	99
29) Cyclohexane	4.677	56	162270	25.433	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	180188	24.646	ug/L	99
31) Carbon tetrachloride	4.828	117	169209	25.567	ug/L	100
33) Benzene	5.098	78	432860	25.537	ug/L	100
34) Trichloroethene	5.912	95	117358	25.200	ug/L	99
35) Methylcyclohexane	6.130	83	188273	25.748	ug/L	100
37) 1,2-Dichloropropane	6.172	63	101667	25.828	ug/L	99
38) Bromodichloromethane	6.510	83	148507	25.891	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	168077	26.850	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	123736	51.171	ug/L	97
42) Toluene	7.387	91	484346	26.116	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	153337	26.686	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	85276	24.868	ug/L	98
46) Tetrachloroethene	7.976	164	104250	25.184	ug/L	97
48) 2-Hexanone	8.143	43	89648	50.989	ug/L	99
49) Dibromochloromethane	8.246	129	113584	25.693	ug/L	98
50) 1,2-Dibromoethane	8.352	107	85578	25.492	ug/L	98
51) Chlorobenzene	8.879	112	323013	25.427	ug/L	100
52) Ethylbenzene	9.011	91	523355	26.164	ug/L	99
53) m,p-Xylene	9.136	106	210064	26.567	ug/L	99
54) o-Xylene	9.542	106	199582	26.493	ug/L	96
55) Styrene	9.561	104	353143	27.126	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	94739	24.671	ug/L	98
59) Bromoform	9.731	173	71119	26.172	ug/L #	100
60) Isopropylbenzene	9.931	105	541440	26.759	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	73063	24.990	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	472899	26.801	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	473203	27.057	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	278141	25.899	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	277323	25.259	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	253026	25.699	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	16906	23.821	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	216805	25.560	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	177890	25.789	ug/L	99
71) Naphthalene	13.500	128	325751	26.606	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	162565	26.113	ug/L	99

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

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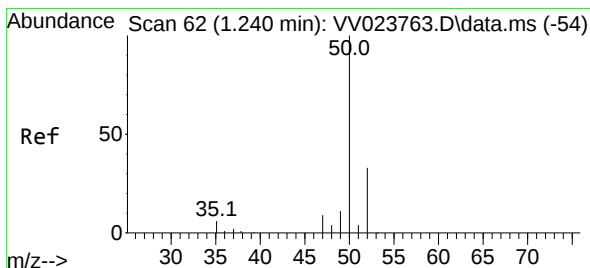
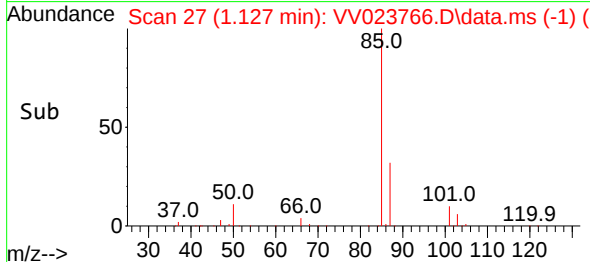
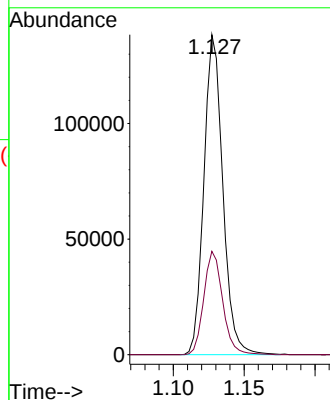
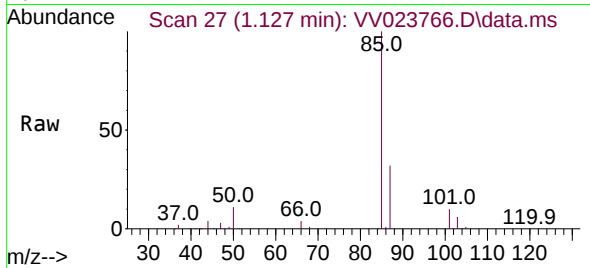




#2
 Dichlorodifluoromethane
 Concen: 22.771 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023766.D
 Acq: 01 Dec 2021 21:47

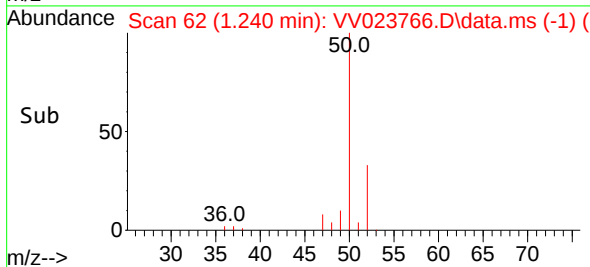
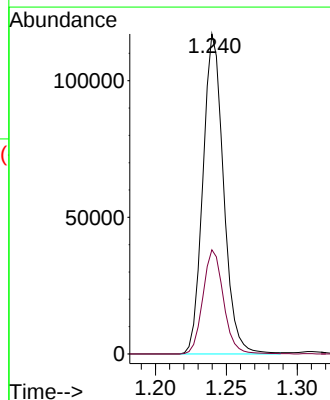
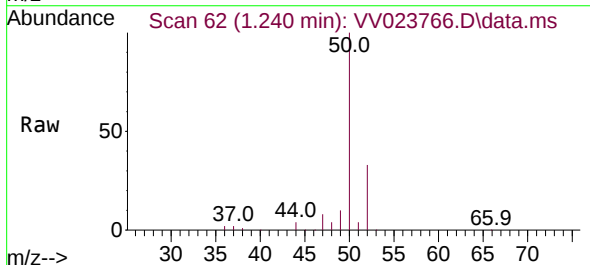
Instrument :
 MSVOA_V
 ClientSampleId :

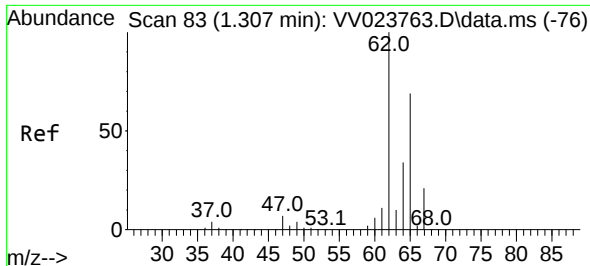
Tgt Ion: 85 Resp: 128493
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.6 40.0



#3
 Chloromethane
 Concen: 23.679 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023766.D
 Acq: 01 Dec 2021 21:47

Tgt Ion: 50 Resp: 118797
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.3 43.3

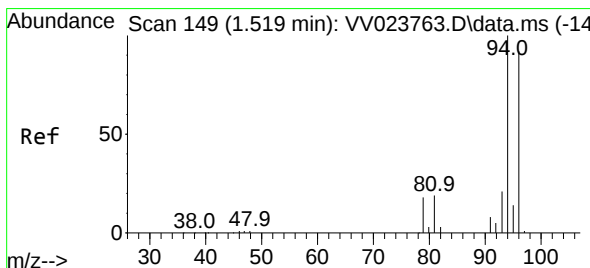
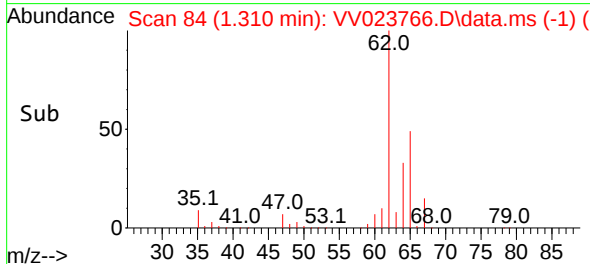
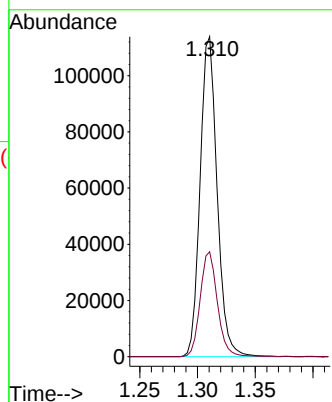
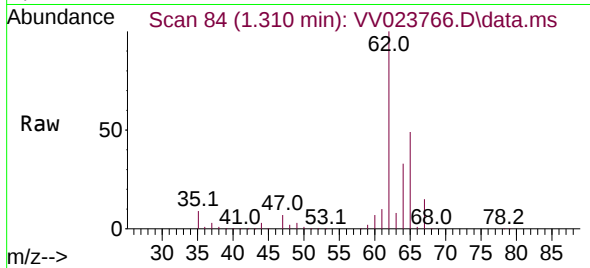




#5
 Vinyl chloride
 Concen: 24.263 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023766.D
 Acq: 01 Dec 2021 21:47

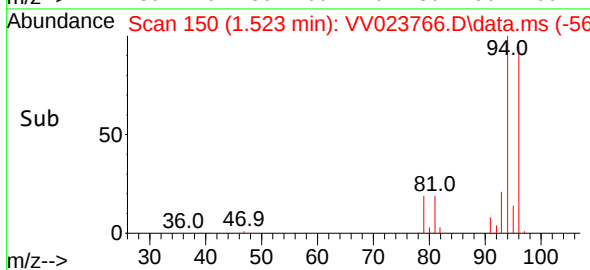
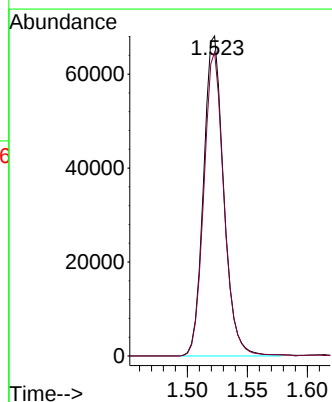
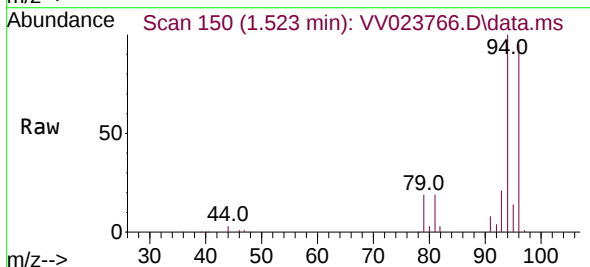
Instrument :
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 ClientSampleId :

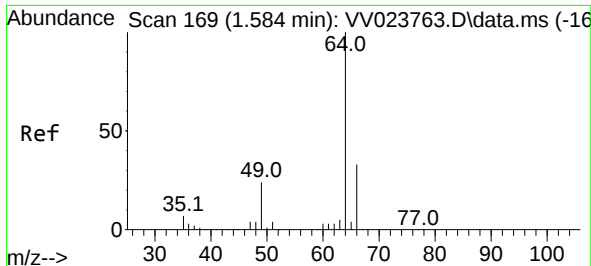
Tgt Ion: 62 Resp: 116358
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.5 43.7



#6
 Bromomethane
 Concen: 24.637 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV023766.D
 Acq: 01 Dec 2021 21:47

Tgt Ion: 94 Resp: 79784
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.1 119.1

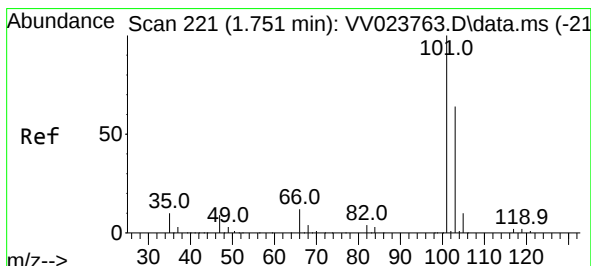
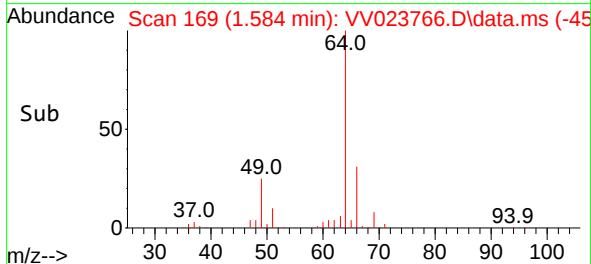
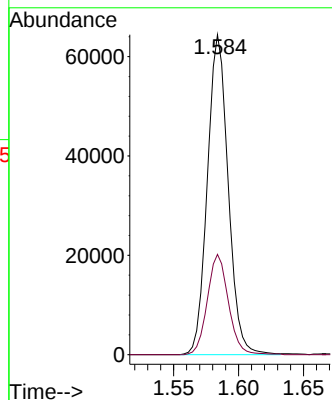
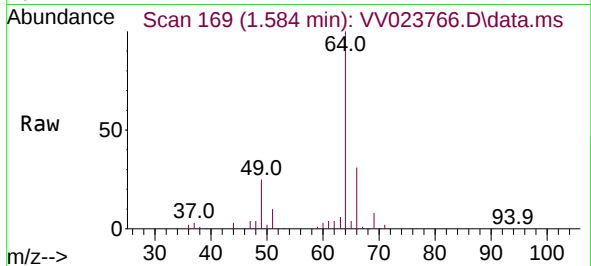




#8
Chloroethane
Concen: 24.368 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

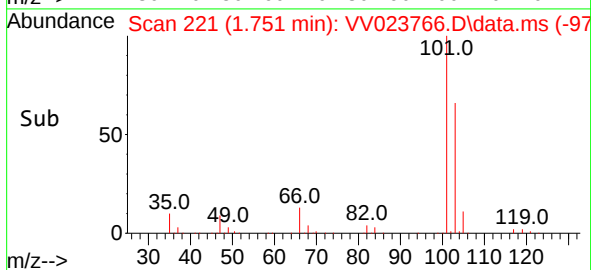
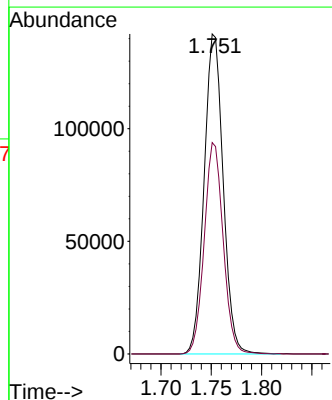
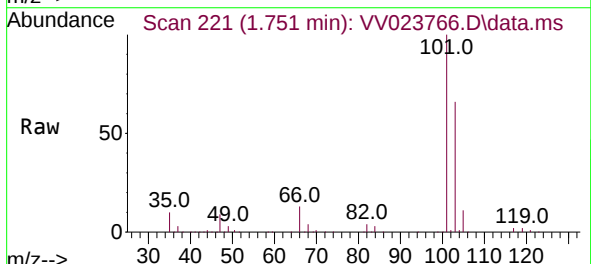
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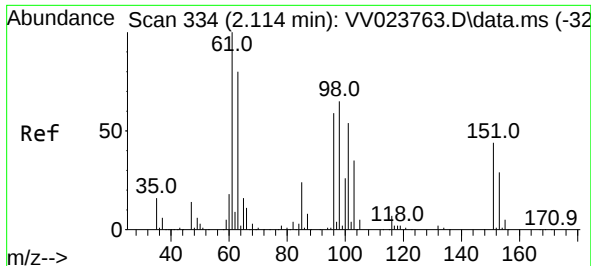
Tgt Ion: 64 Resp: 71755
Ion Ratio Lower Upper
64 100
66 31.3 23.0 42.6



#9
Trichlorofluoromethane
Concen: 24.459 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

Tgt Ion:101 Resp: 186865
Ion Ratio Lower Upper
101 100
103 65.6 51.3 76.9





#10

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

Concen: 24.691 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

Instrument :

MSVOA_V

ClientSampleId :

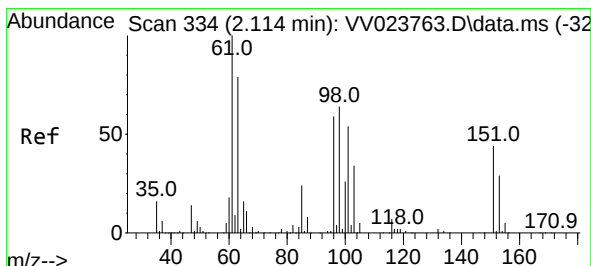
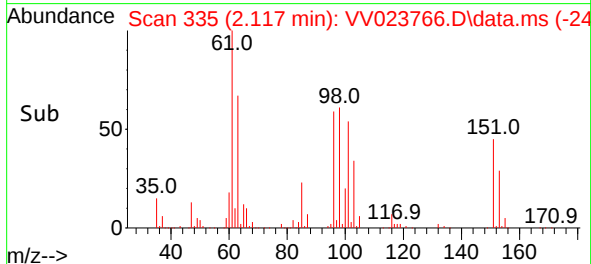
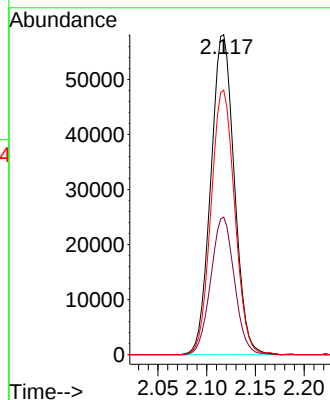
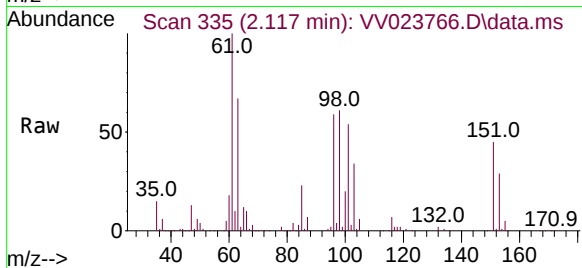
Tgt Ion:101 Resp: 97730

Ion Ratio Lower Upper

101 100

85 43.2 35.1 52.7

151 83.1 65.6 98.4



#12

1,1-Dichloroethene

Concen: 24.765 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

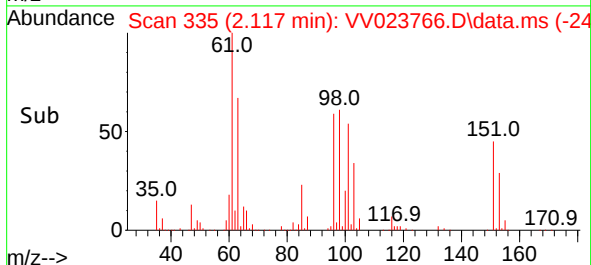
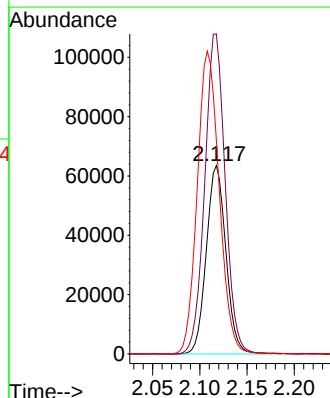
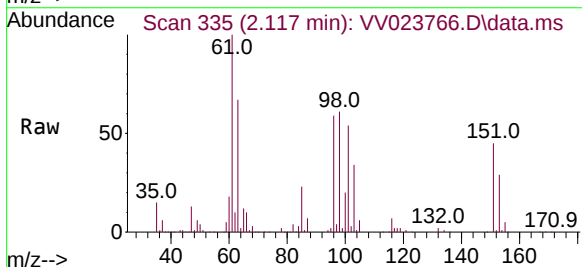
Tgt Ion: 96 Resp: 91556

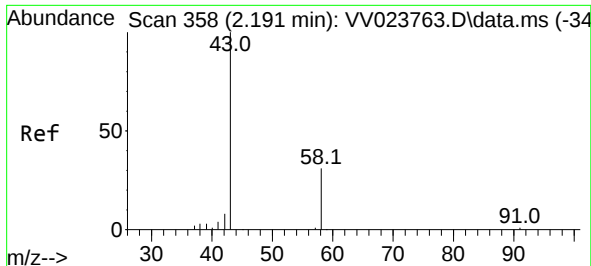
Ion Ratio Lower Upper

96 100

61 169.7 119.4 221.8

63 113.5 95.4 177.2





#13

Acetone

Concen: 33.374 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.248 min

Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

Instrument :

MSVOA_V

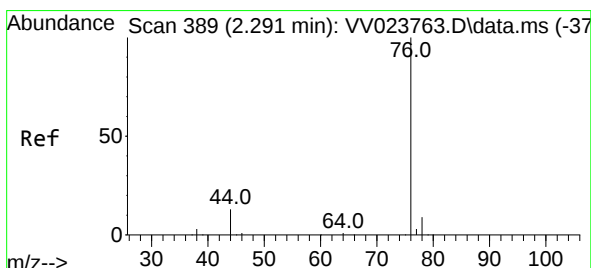
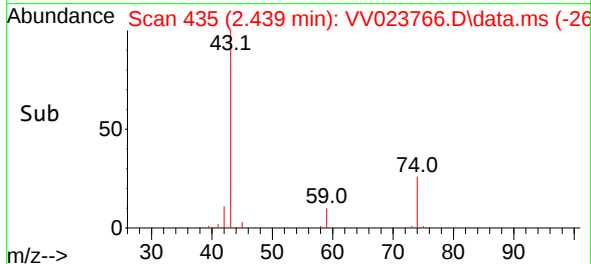
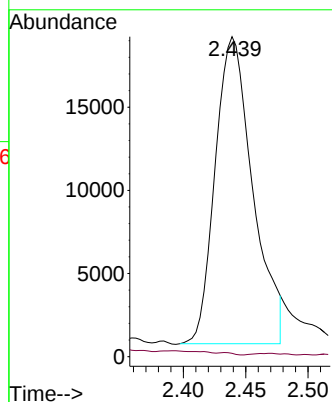
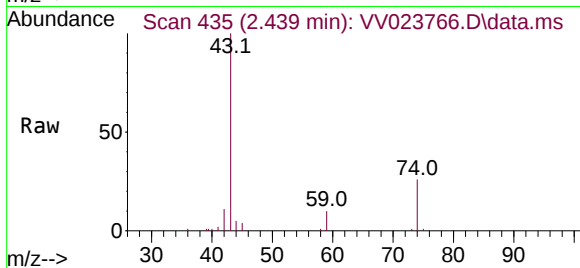
ClientSampleId :

Tgt Ion: 43 Resp: 38763

Ion Ratio Lower Upper

43 100

58 0.3 0.0 17.8



#14

Carbon disulfide

Concen: 25.092 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV023766.D

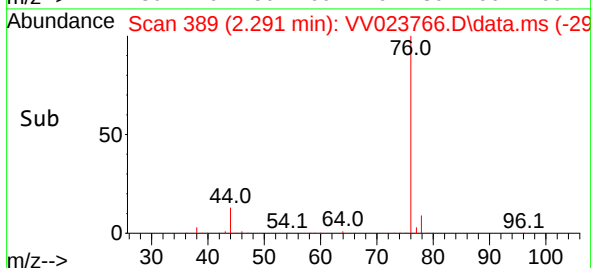
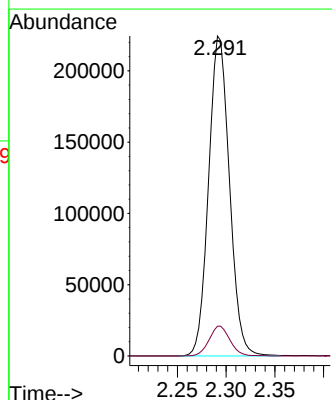
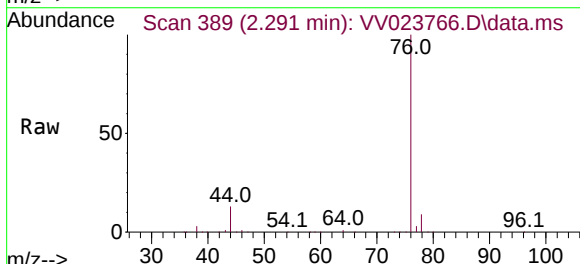
Acq: 01 Dec 2021 21:47

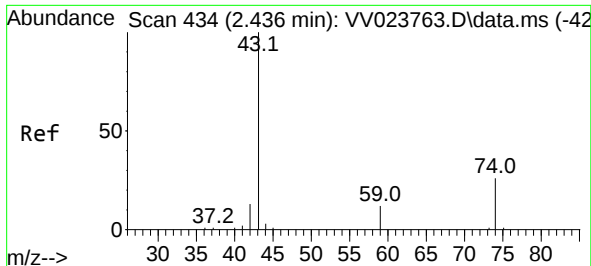
Tgt Ion: 76 Resp: 334015

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

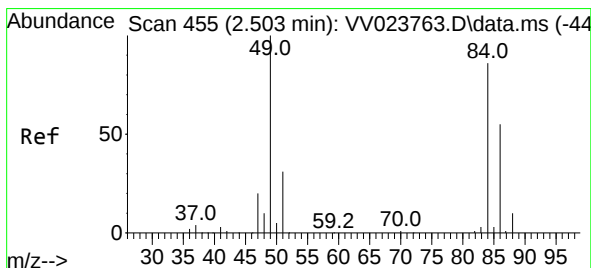
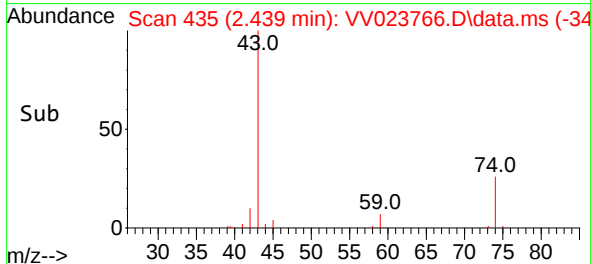
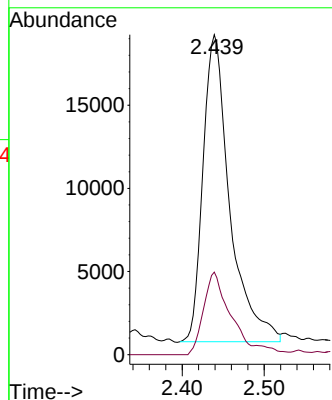
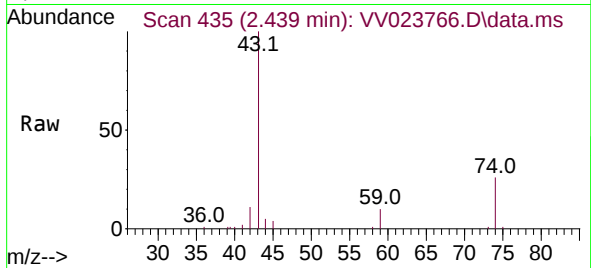




#15
Methyl Acetate
Concen: 25.166 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

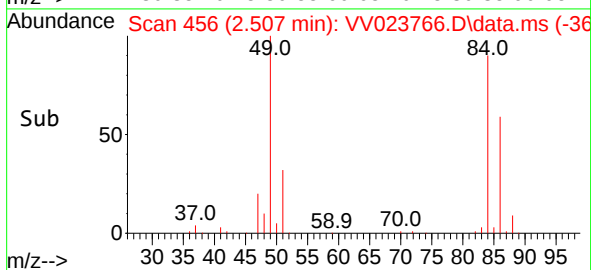
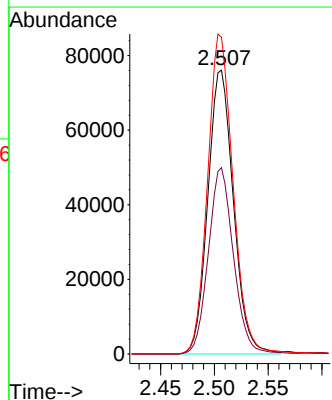
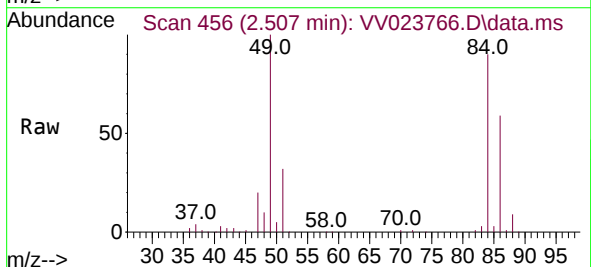
Instrument :
MSVOA_V
ClientSampleId :

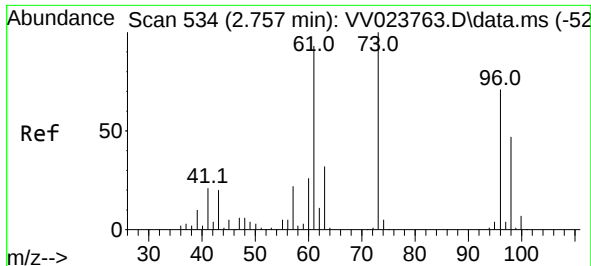
Tgt Ion: 43 Resp: 41897
Ion Ratio Lower Upper
43 100
74 26.0 17.6 26.4



#16
Methylene chloride
Concen: 22.276 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

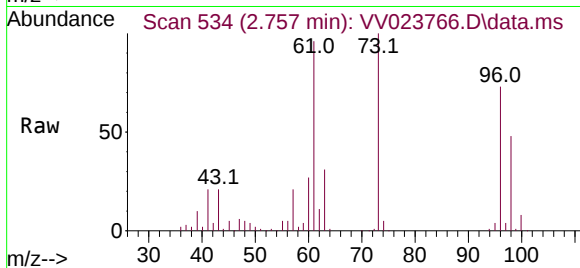
Tgt Ion: 84 Resp: 125824
Ion Ratio Lower Upper
84 100
86 65.6 45.3 84.1
49 111.6 81.8 152.0





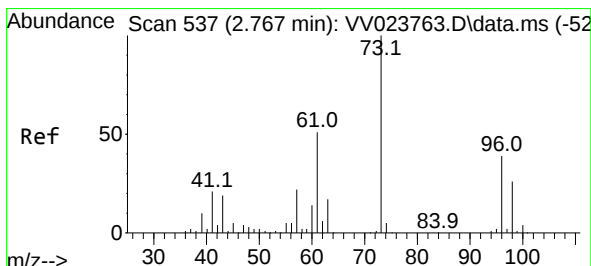
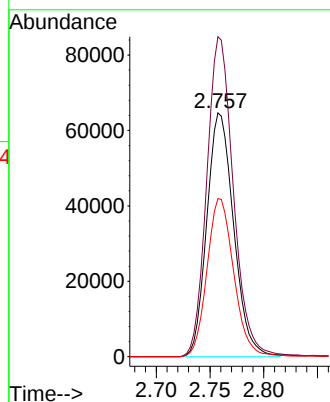
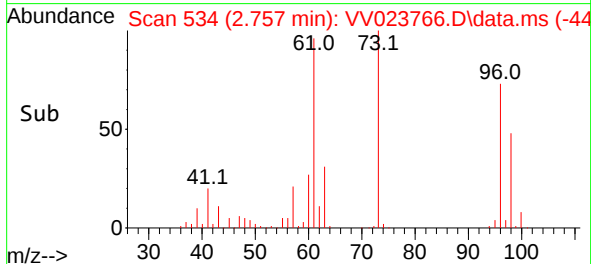
#17
trans-1,2-Dichloroethene
Concen: 25.275 ug/L
RT: 2.757 min Scan# 511
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

Instrument :
MSVOA_V
ClientSampleId :

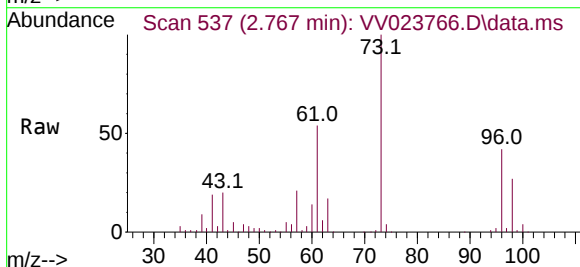


Tgt Ion: 96 Resp: 112327

Ion	Ratio	Lower	Upper
96	100		
61	131.2	91.0	169.0
98	64.8	45.9	85.3

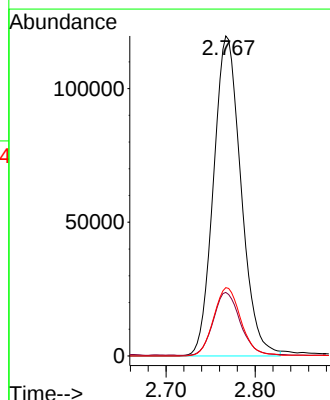
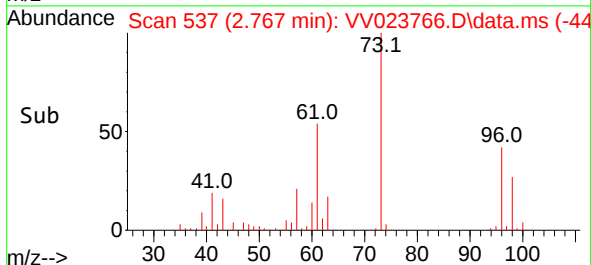


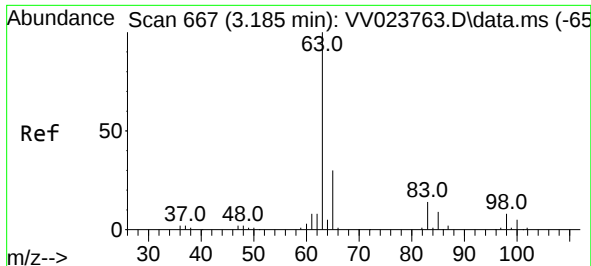
#18
Methyl tert-butyl Ether
Concen: 25.627 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47



Tgt Ion: 73 Resp: 256646

Ion	Ratio	Lower	Upper
73	100		
43	19.4	15.0	22.4
57	21.2	17.0	25.4





#19

1,1-Dichloroethane

Concen: 25.770 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

Instrument :

MSVOA_V

ClientSampleId :

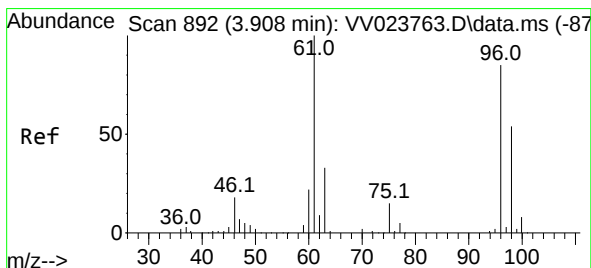
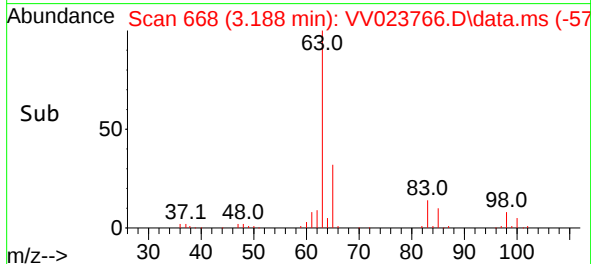
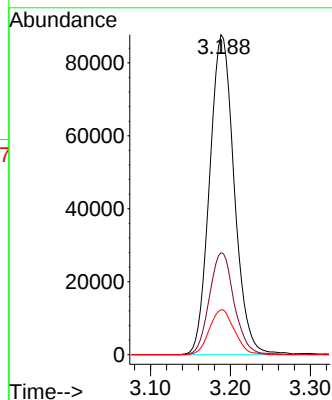
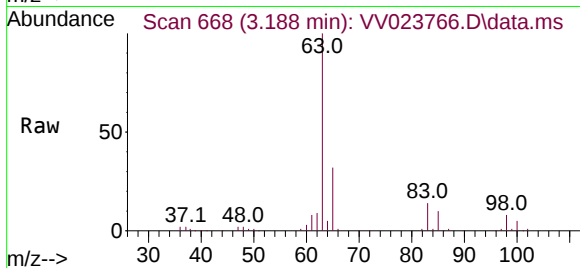
Tgt Ion: 63 Resp: 187247

Ion Ratio Lower Upper

63 100

65 31.9 21.3 39.5

83 14.0 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 25.923 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.003 min

Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

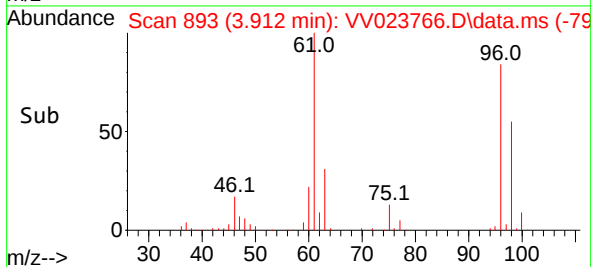
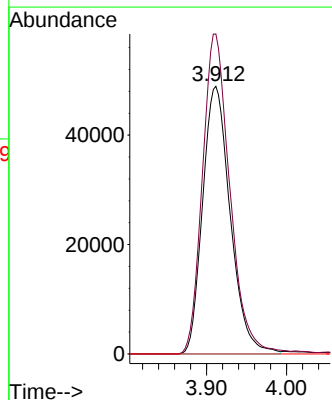
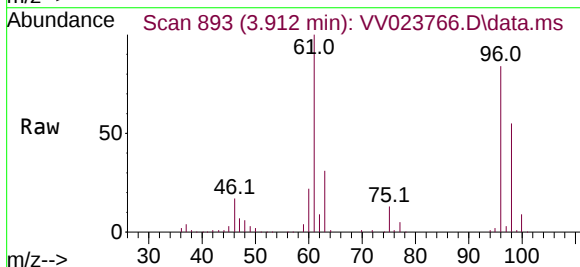
Tgt Ion: 96 Resp: 117702

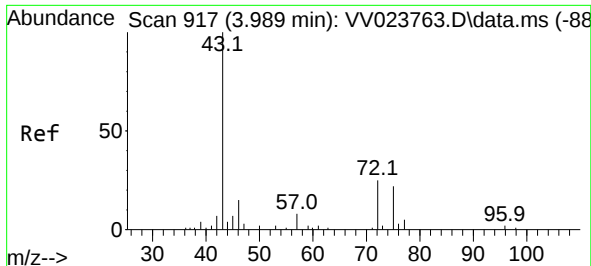
Ion Ratio Lower Upper

96 100

61 119.6 82.5 153.3

68 0.0 0.0 0.0

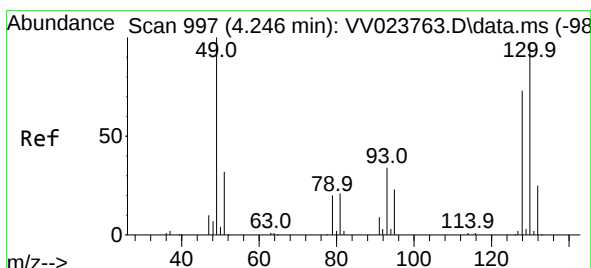
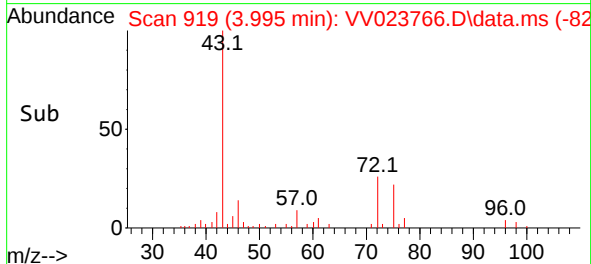
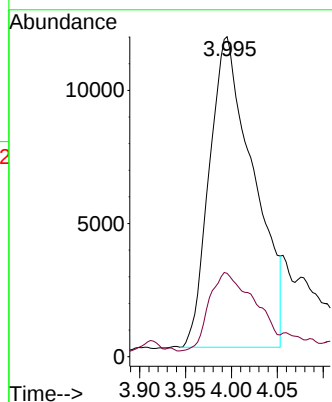
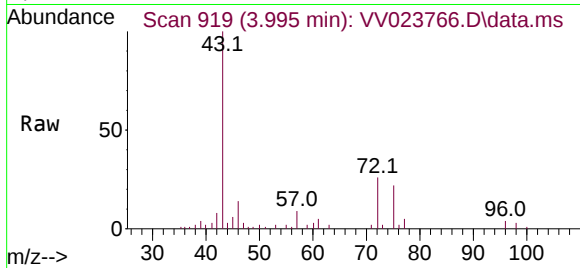




#22
2-Butanone
Concen: 33.289 ug/L
RT: 3.995 min Scan# 917
Delta R.T. 0.006 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

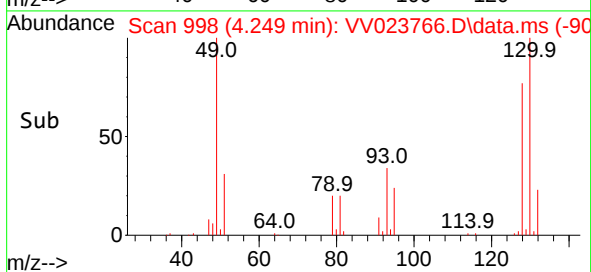
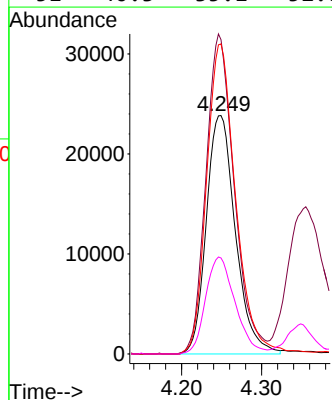
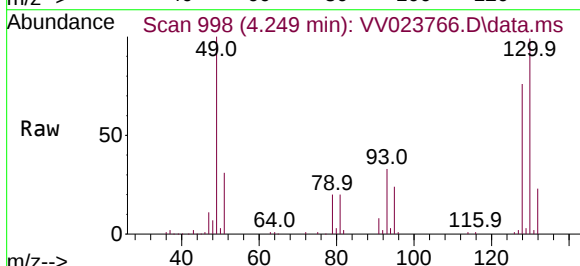
Instrument :
MSVOA_V
ClientSampleId :

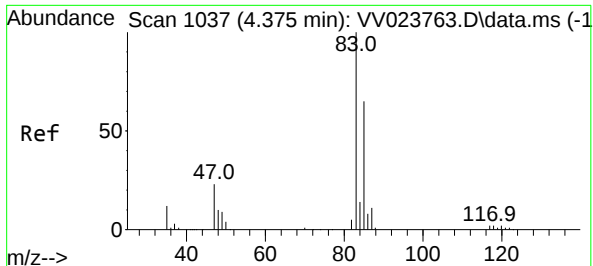
Tgt Ion: 43 Resp: 39096
Ion Ratio Lower Upper
43 100
72 26.3 8.3 25.1#



#23
Bromochloromethane
Concen: 26.260 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

Tgt Ion: 128 Resp: 60308
Ion Ratio Lower Upper
128 100
49 131.8 95.7 177.7
130 130.1 92.4 171.6
51 40.3 35.1 52.7

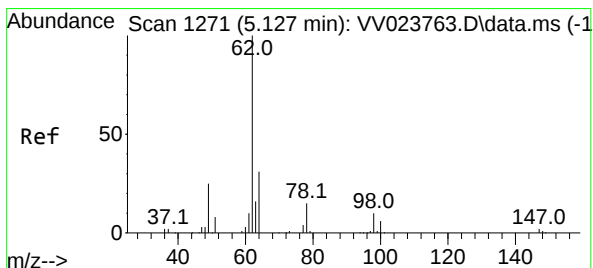
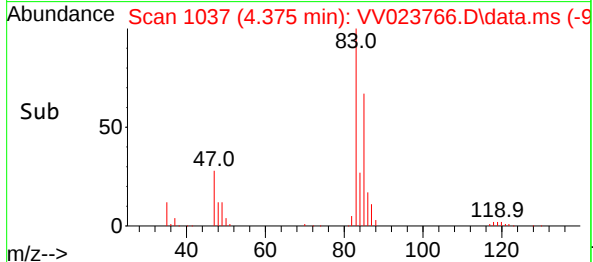
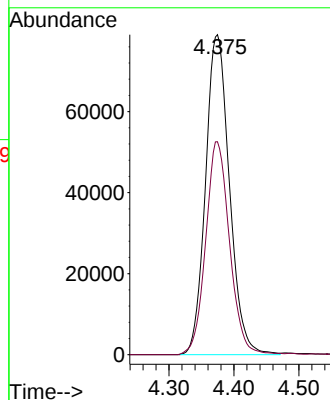
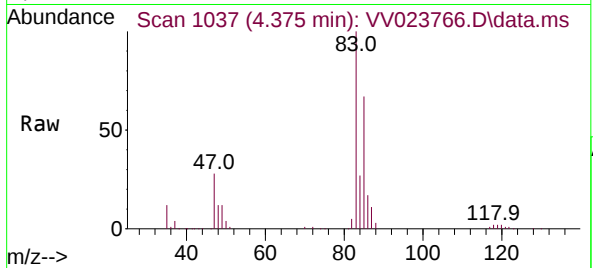




#25
Chloroform
Concen: 25.286 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

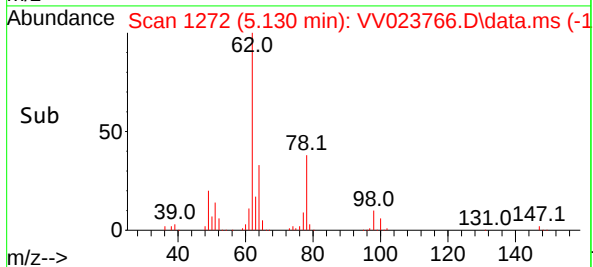
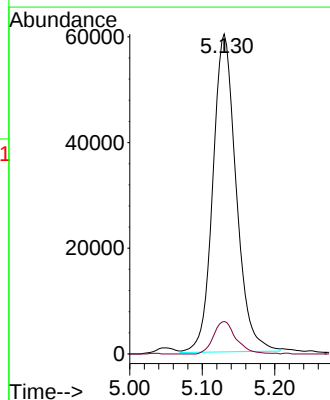
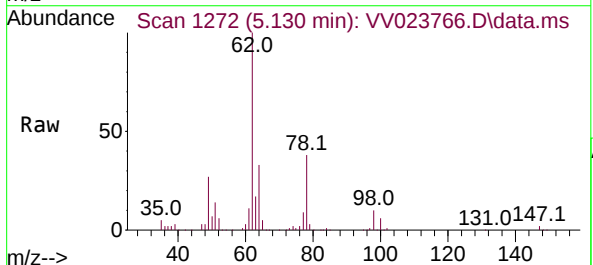
Instrument :
MSVOA_V
ClientSampleId :

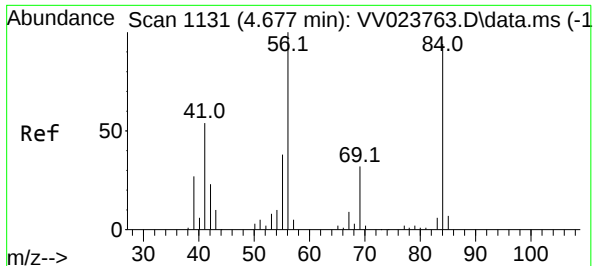
Tgt Ion: 83 Resp: 202462
Ion Ratio Lower Upper
83 100
85 66.5 46.0 85.4



#27
1,2-Dichloroethane
Concen: 25.860 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

Tgt Ion: 62 Resp: 134657
Ion Ratio Lower Upper
62 100
98 10.1 7.8 11.6





#29

Cyclohexane

Concen: 25.433 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

Instrument :

MSVOA_V

ClientSampleId :

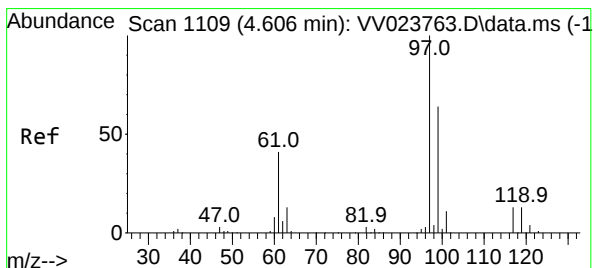
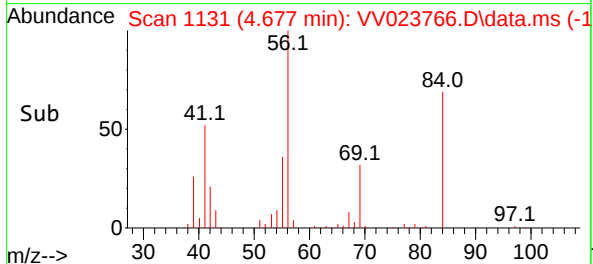
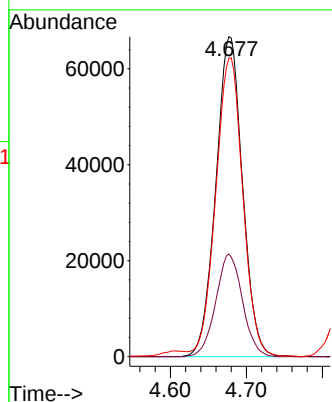
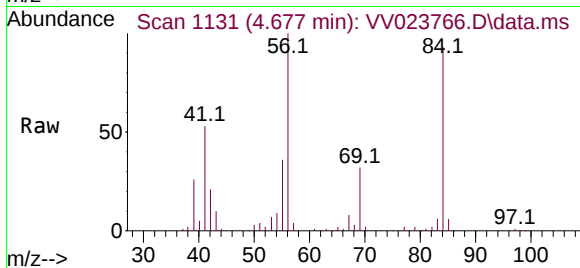
Tgt Ion: 56 Resp: 162270

Ion Ratio Lower Upper

56 100

69 32.1 25.2 37.8

84 94.7 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 24.646 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

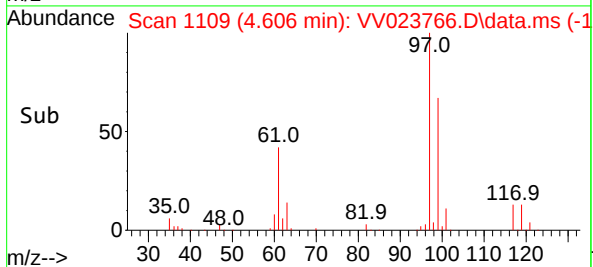
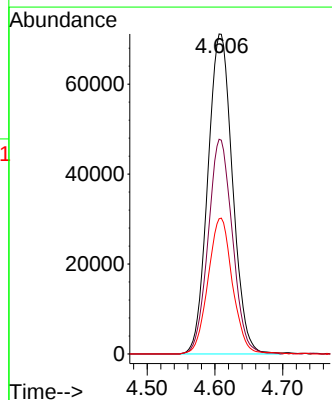
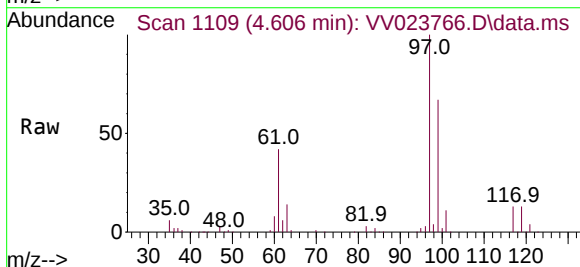
Tgt Ion: 97 Resp: 180188

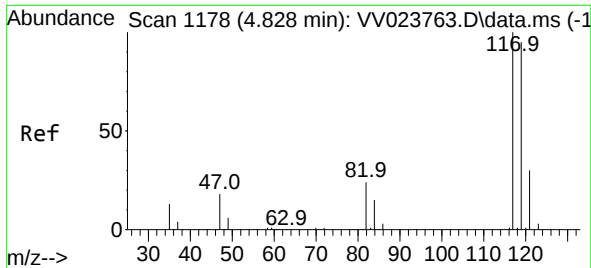
Ion Ratio Lower Upper

97 100

99 65.9 52.0 78.0

61 41.7 33.3 49.9

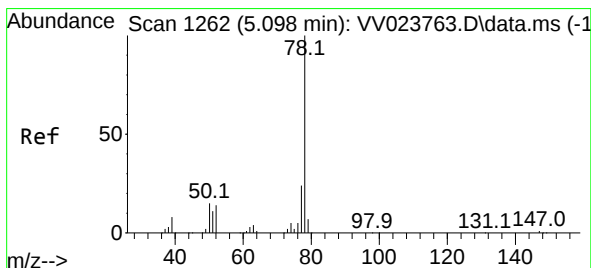
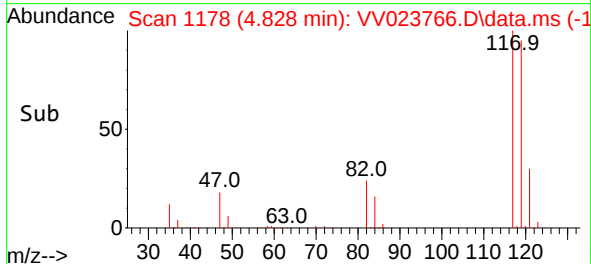
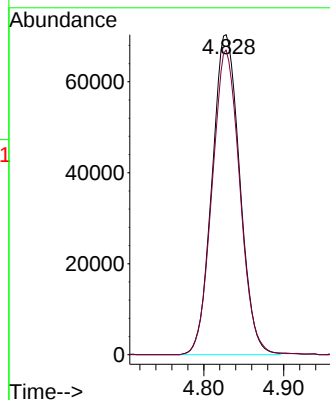
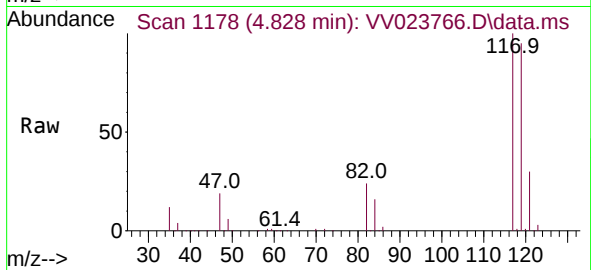




#31
Carbon tetrachloride
Concen: 25.567 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

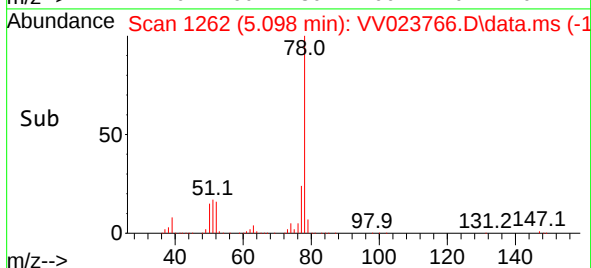
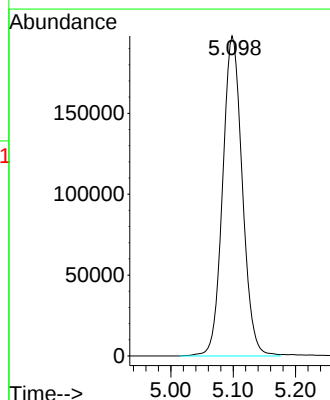
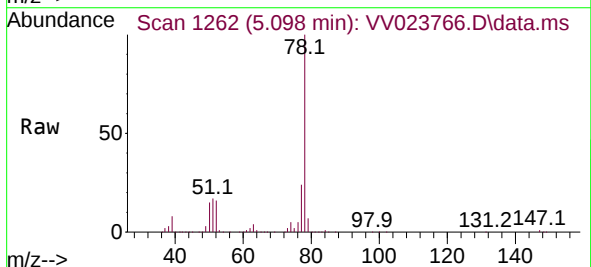
Instrument :
MSVOA_V
ClientSampleId :

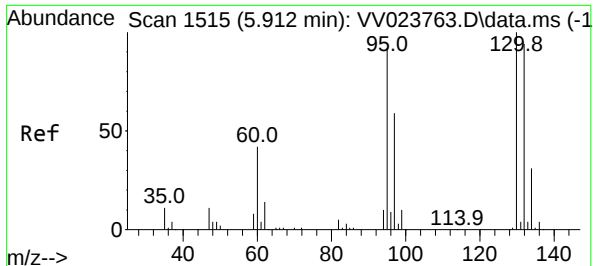
Tgt Ion:117 Resp: 169209
Ion Ratio Lower Upper
117 100
119 95.1 76.0 114.0



#33
Benzene
Concen: 25.537 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

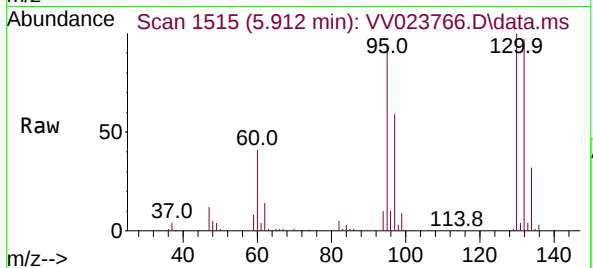
Tgt Ion: 78 Resp: 432860



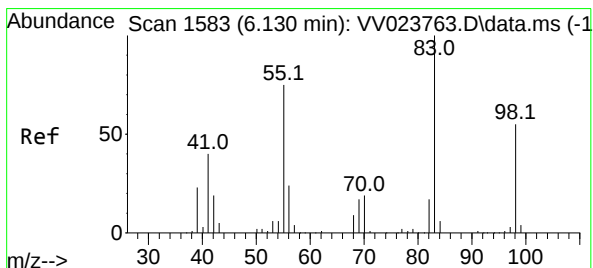
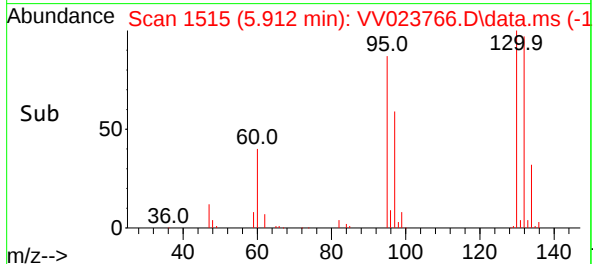
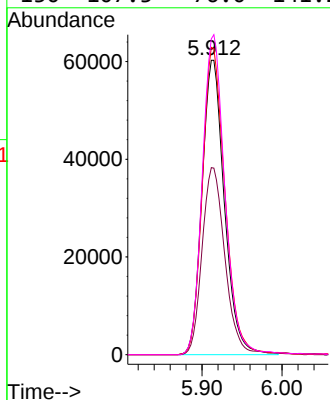


#34
Trichloroethene
Concen: 25.200 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

Instrument :
MSVOA_V
ClientSampleId :

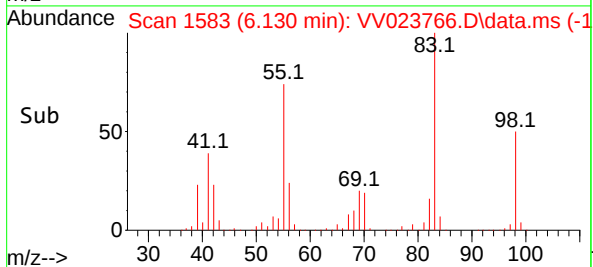
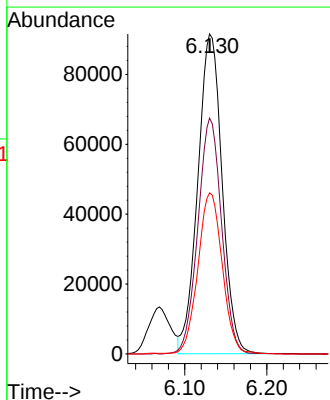
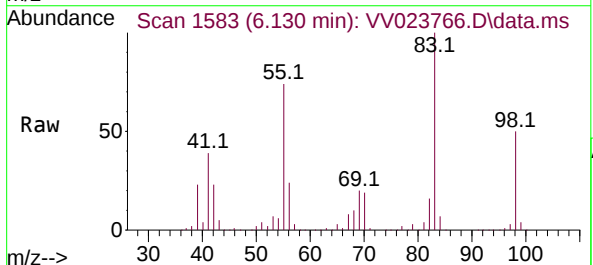


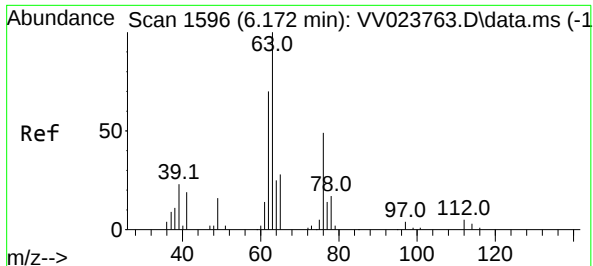
Tgt Ion: 95 Resp: 117358
Ion Ratio Lower Upper
95 100
97 63.5 44.5 82.7
132 104.4 71.7 133.1
130 107.3 76.0 141.2



#35
Methylcyclohexane
Concen: 25.748 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

Tgt Ion: 83 Resp: 188273
Ion Ratio Lower Upper
83 100
55 72.0 57.4 86.2
98 50.3 40.4 60.6





#37

1,2-Dichloropropane

Concen: 25.828 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

Instrument :

MSVOA_V

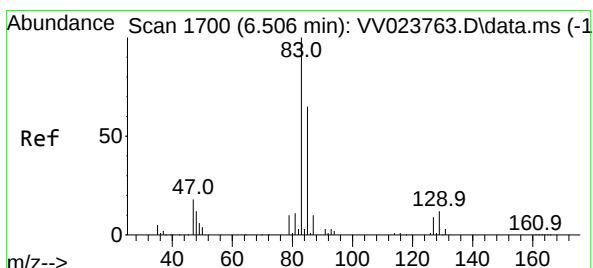
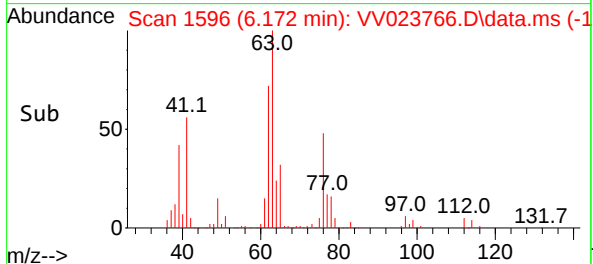
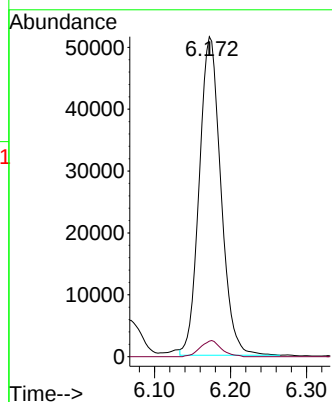
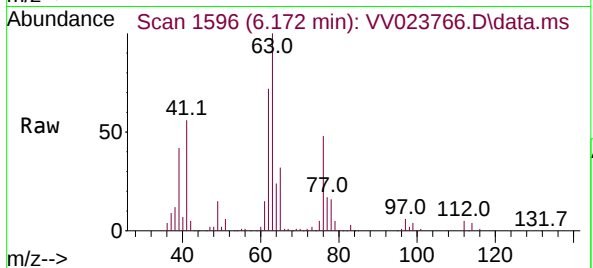
ClientSampleId :

Tgt Ion: 63 Resp: 101667

Ion Ratio Lower Upper

63 100

112 4.9 4.3 6.5



#38

Bromodichloromethane

Concen: 25.891 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

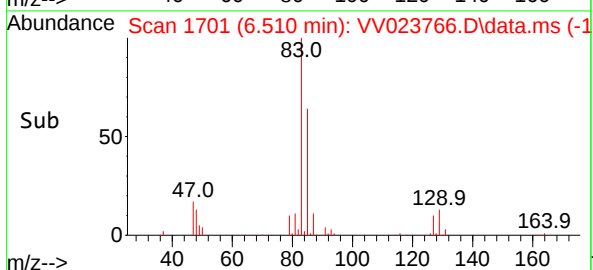
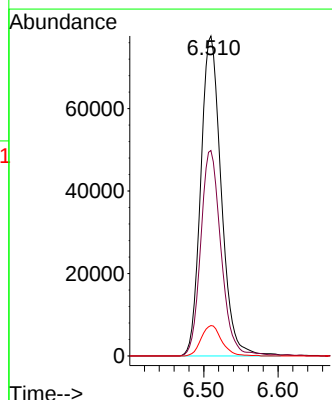
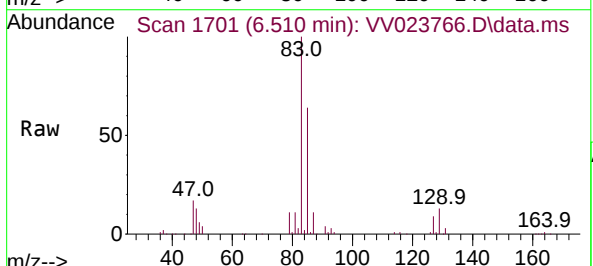
Tgt Ion: 83 Resp: 148507

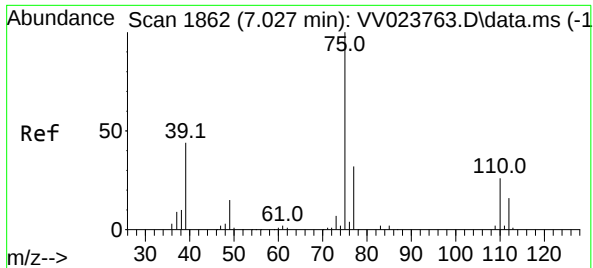
Ion Ratio Lower Upper

83 100

85 64.2 45.4 84.2

127 9.5 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 26.850 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

Instrument :

MSVOA_V

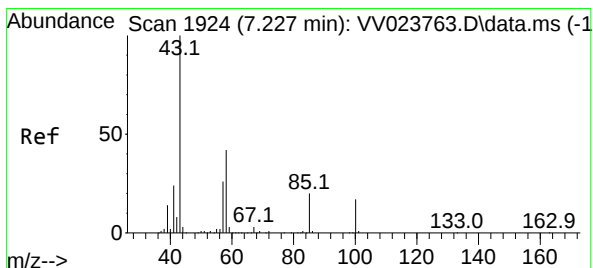
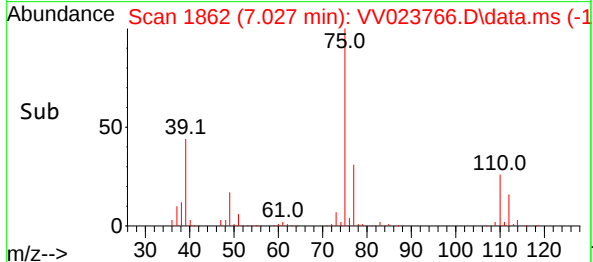
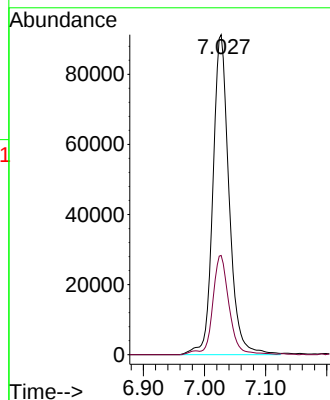
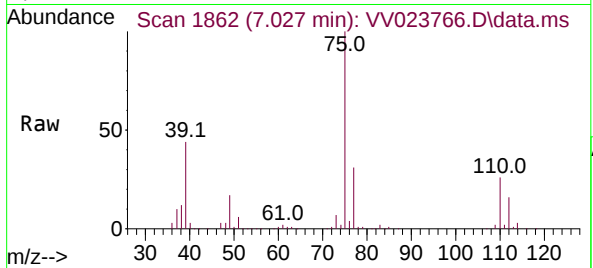
ClientSampleId :

Tgt Ion: 75 Resp: 168077

Ion Ratio Lower Upper

75 100

77 31.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 51.171 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

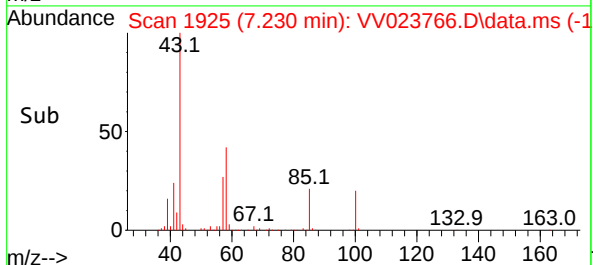
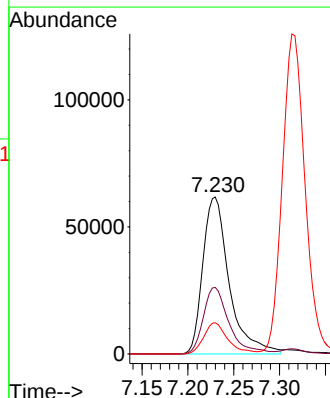
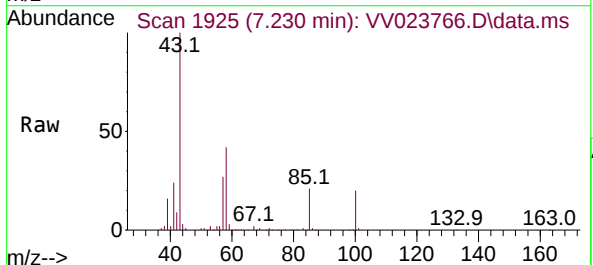
Tgt Ion: 43 Resp: 123736

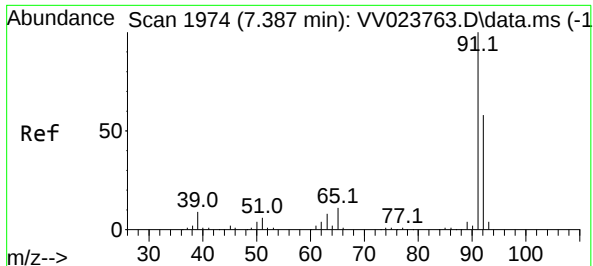
Ion Ratio Lower Upper

43 100

58 41.1 31.6 47.4

100 18.2 13.8 20.6





#42

Toluene

Concen: 26.116 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

Instrument :

MSVOA_V

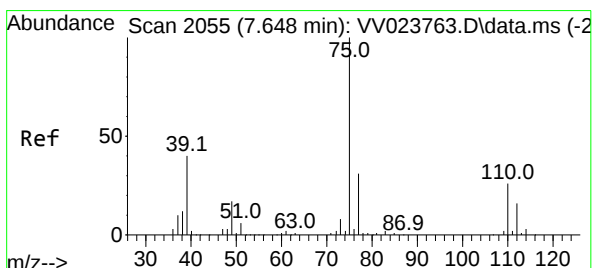
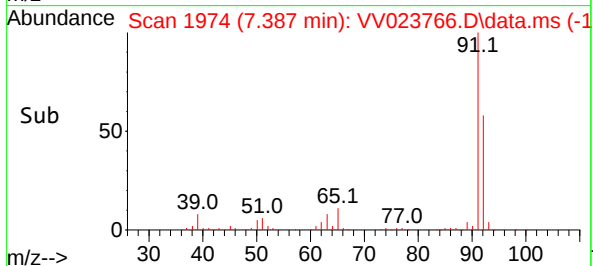
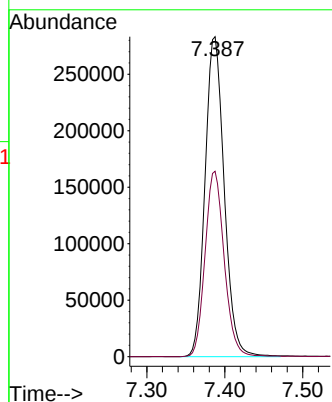
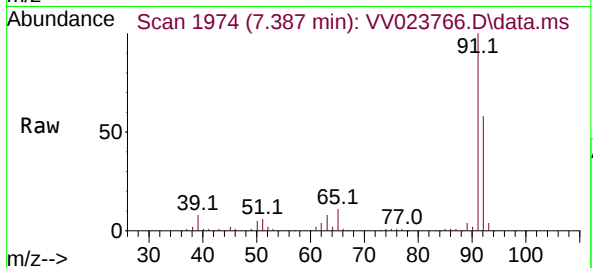
ClientSampleId :

Tgt Ion: 91 Resp: 484346

Ion Ratio Lower Upper

91 100

92 58.0 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 26.686 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV023766.D

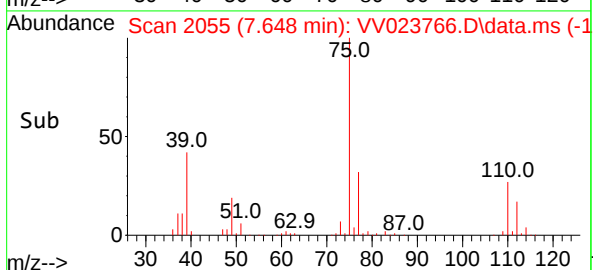
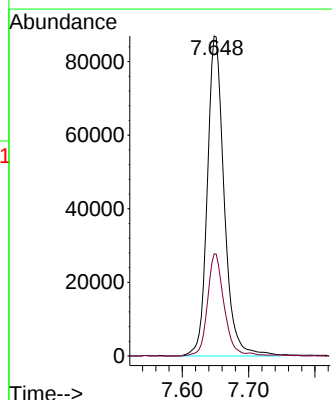
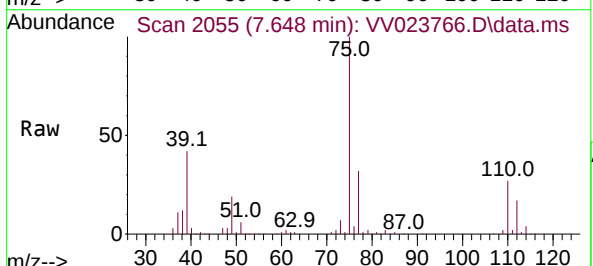
Acq: 01 Dec 2021 21:47

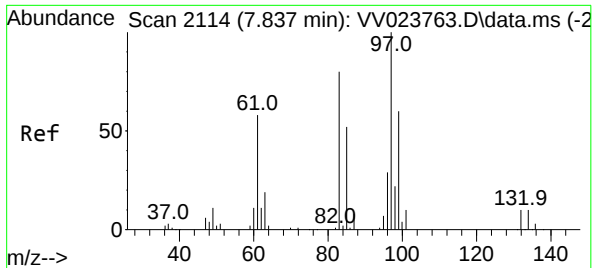
Tgt Ion: 75 Resp: 153337

Ion Ratio Lower Upper

75 100

77 31.9 21.5 39.9

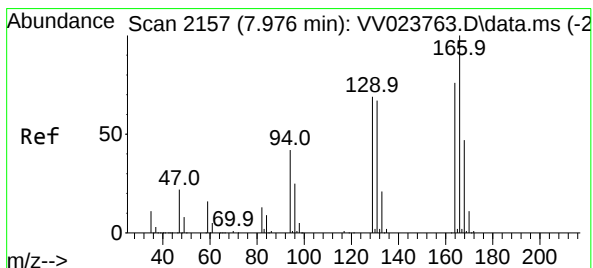
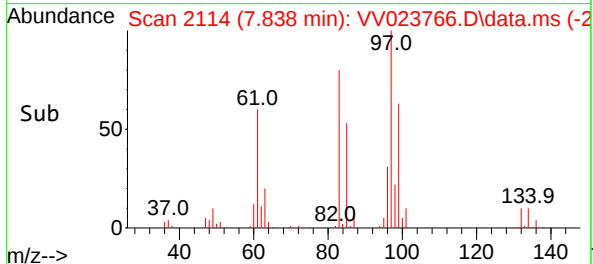
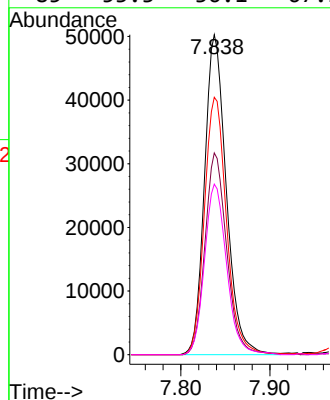
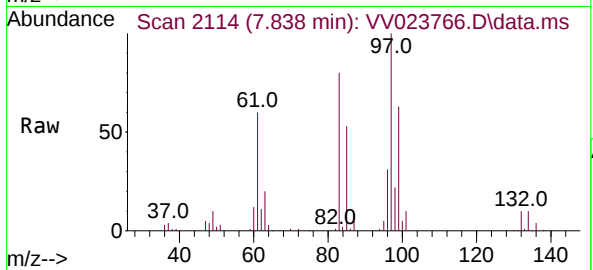




#45
1,1,2-Trichloroethane
Concen: 24.868 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

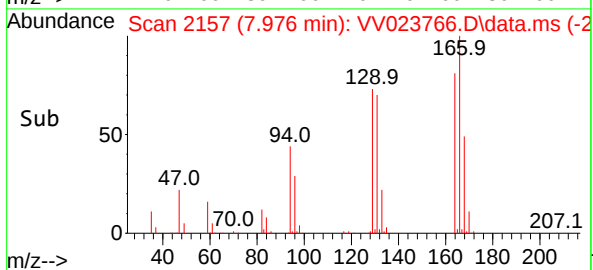
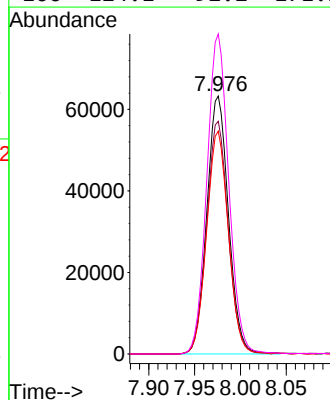
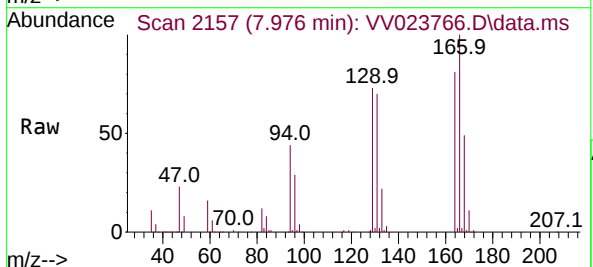
Instrument :
MSVOA_V
ClientSampleId :

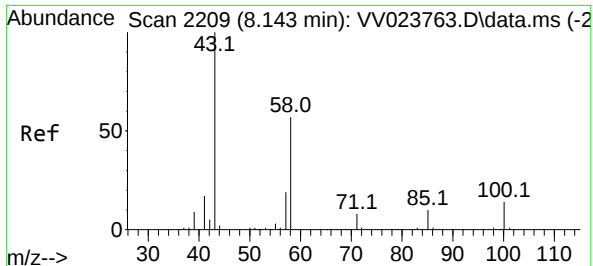
Tgt Ion: 97	Resp: 85276
Ion Ratio	Lower Upper
97 100	
99 63.0	41.8 77.6
83 80.5	55.8 103.6
85 53.3	36.1 67.1



#46
Tetrachloroethene
Concen: 25.184 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

Tgt	Ion:164	Resp:	104250
Ion	Ratio	Lower	Upper
164	100		
129	90.2	63.3	117.5
131	86.4	61.8	114.8
166	124.1	92.2	171.2

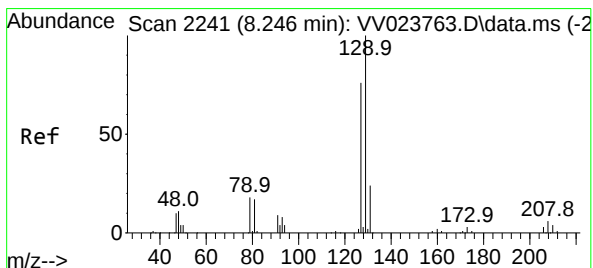
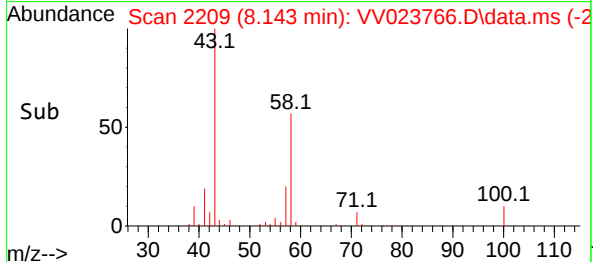
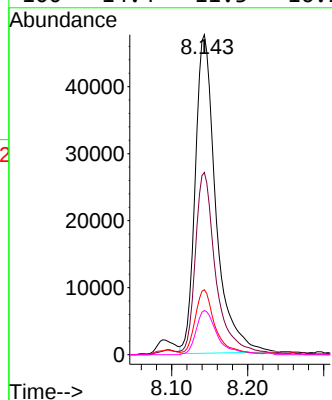
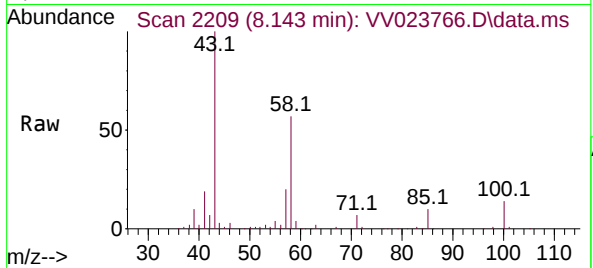




#48
2-Hexanone
Concen: 50.989 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

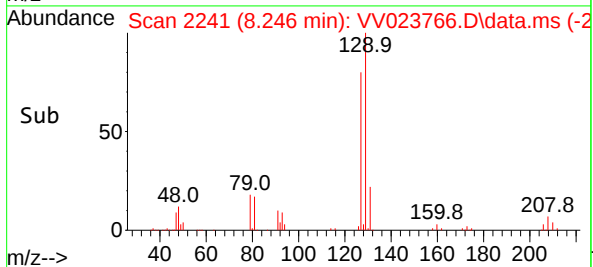
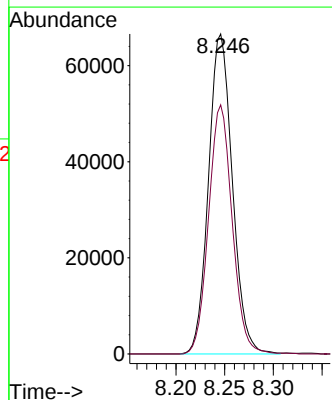
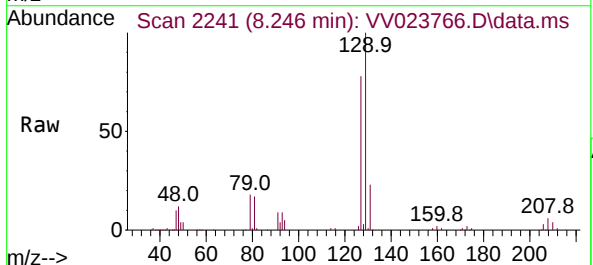
Instrument :
MSVOA_V
ClientSampleId :

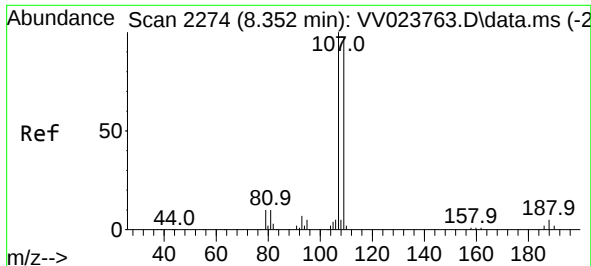
Tgt Ion: 43	Resp: 89648
Ion Ratio	Lower Upper
43 100	
58 56.5	45.8 68.8
57 20.1	15.6 23.4
100 14.4	11.3 16.9



#49
Dibromochloromethane
Concen: 25.693 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

Tgt Ion: 129	Resp: 113584
Ion Ratio	Lower Upper
129 100	
127 77.8	53.1 98.7





#50

1,2-Dibromoethane

Concen: 25.492 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023766.D

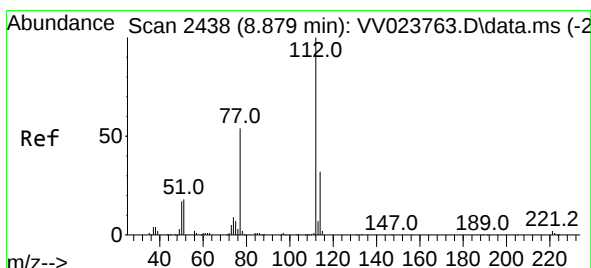
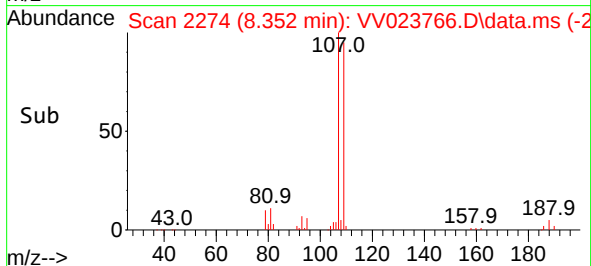
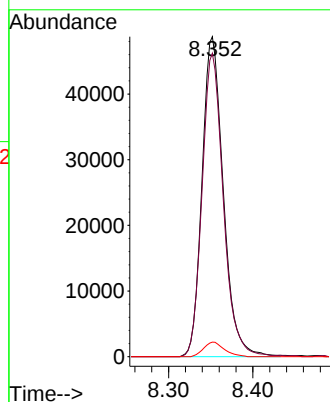
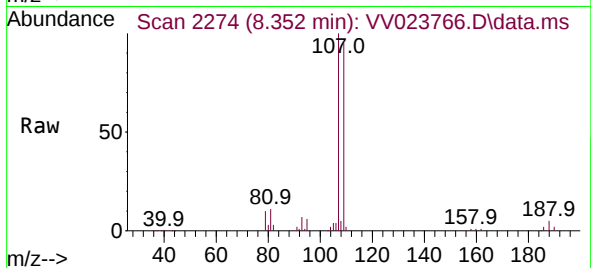
Acq: 01 Dec 2021 21:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	85578
Ion	Ratio	Lower	Upper
107	100		
109	94.8	67.8	125.8
188	4.6	3.6	5.4



#51

Chlorobenzene

Concen: 25.427 ug/L

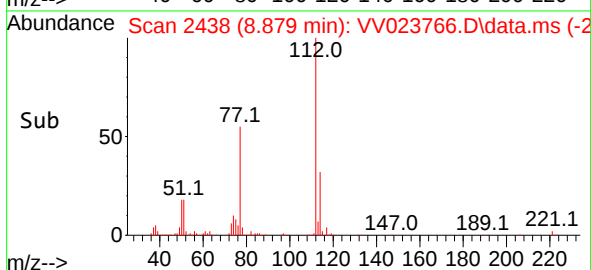
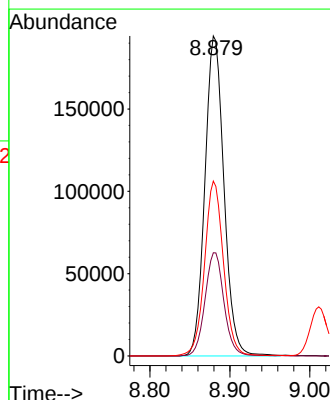
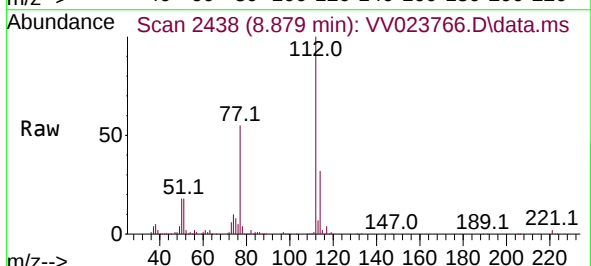
RT: 8.879 min Scan# 2438

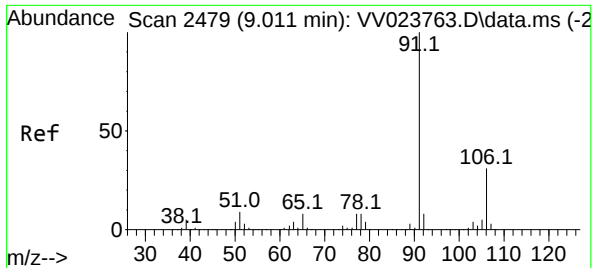
Delta R.T. 0.000 min

Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

Tgt Ion:	112	Resp:	323013
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.6	42.0
77	54.6	43.5	65.3

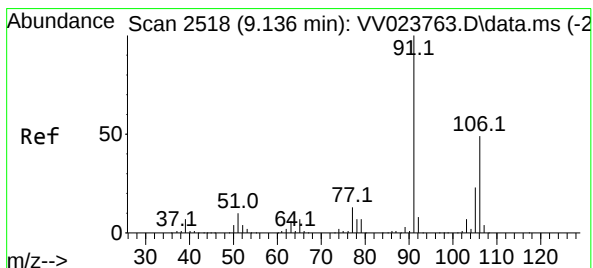
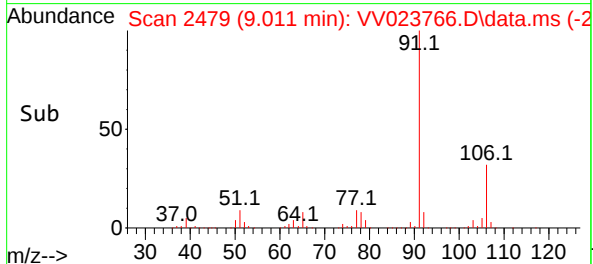
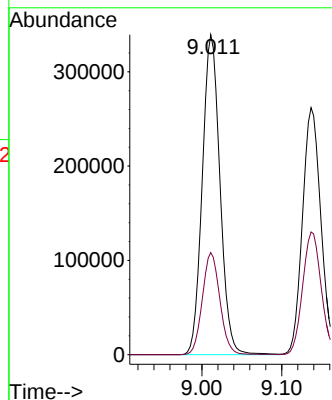
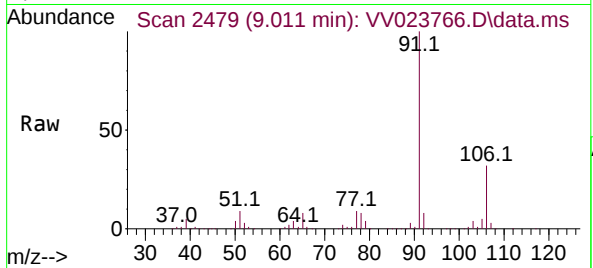




#52
Ethylbenzene
Concen: 26.164 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

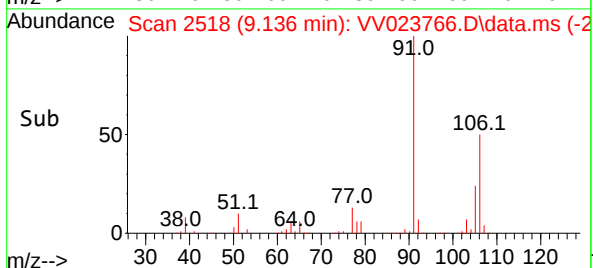
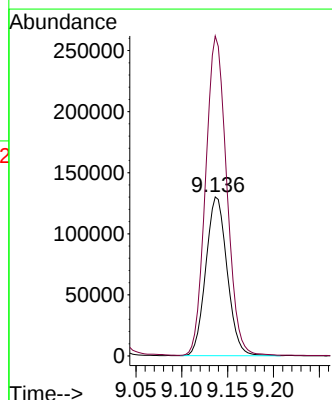
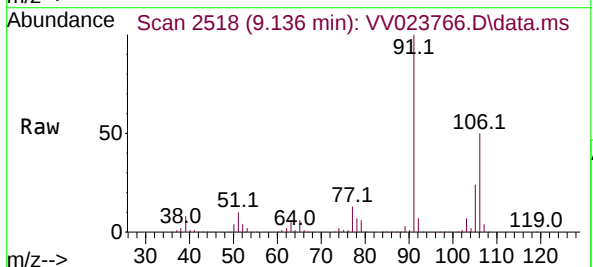
Instrument :
MSVOA_V
ClientSampleId :

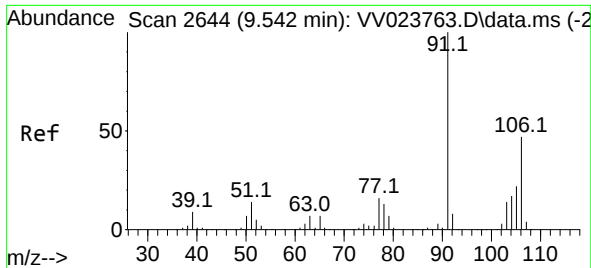
Tgt Ion: 91 Resp: 523355
Ion Ratio Lower Upper
91 100
106 31.9 22.0 40.8



#53
m,p-Xylene
Concen: 26.567 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

Tgt Ion: 106 Resp: 210064
Ion Ratio Lower Upper
106 100
91 201.3 141.7 263.3

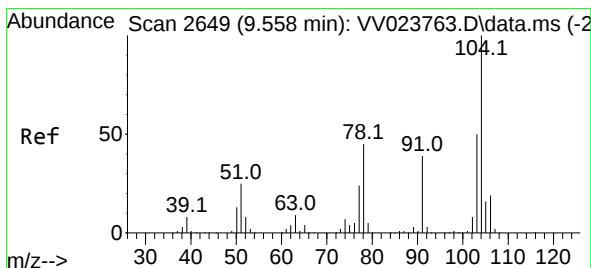
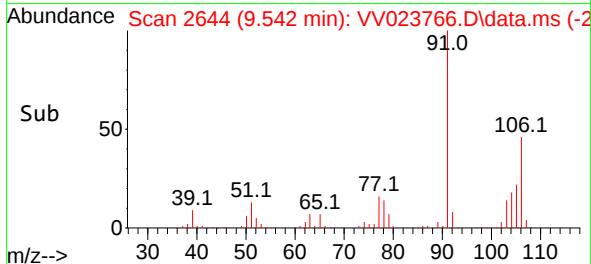
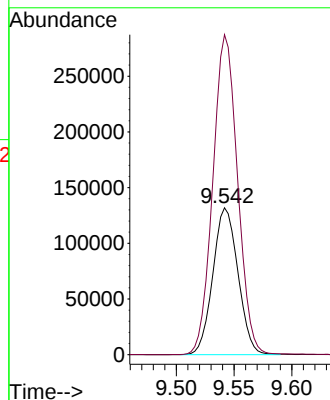
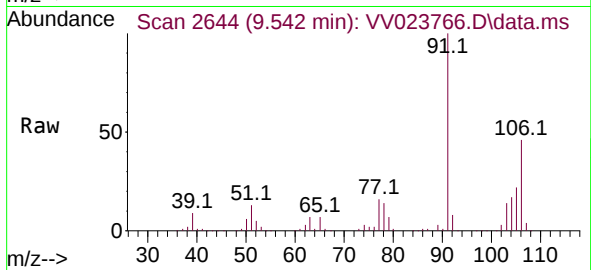




#54
o-Xylene
Concen: 26.493 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

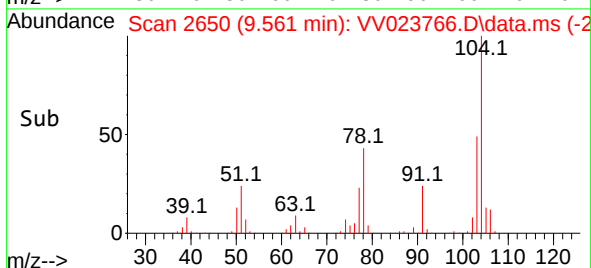
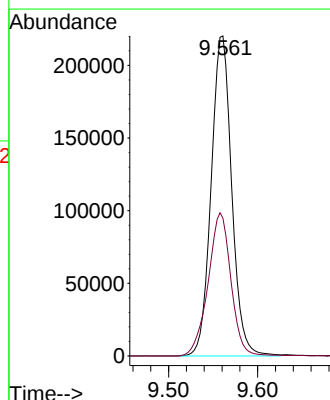
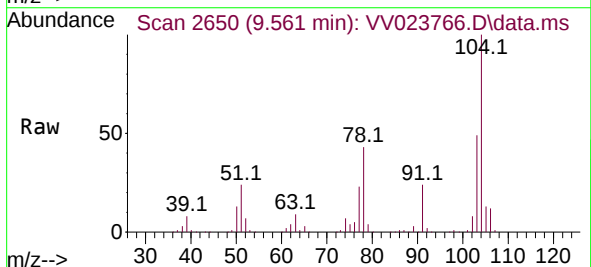
Instrument :
MSVOA_V
ClientSampleId :

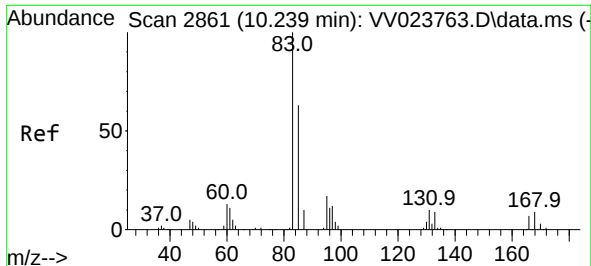
Tgt Ion:106 Resp: 199582
Ion Ratio Lower Upper
106 100
91 217.9 147.8 274.6



#55
Styrene
Concen: 27.126 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

Tgt Ion:104 Resp: 353143
Ion Ratio Lower Upper
104 100
78 43.1 31.2 58.0

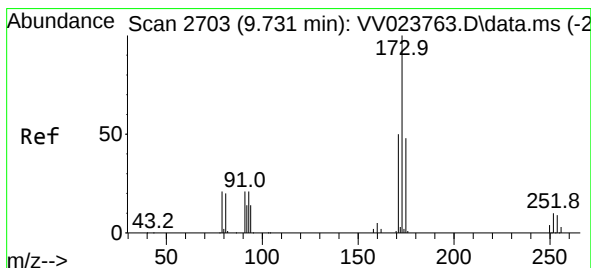
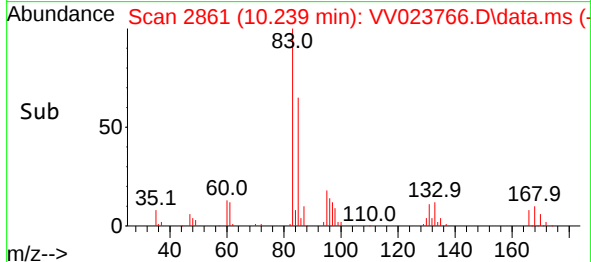
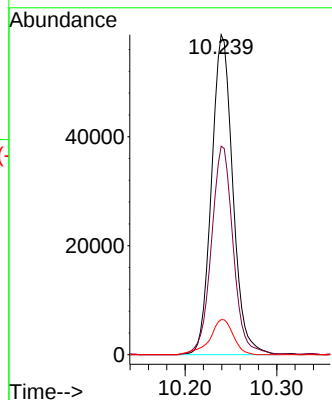
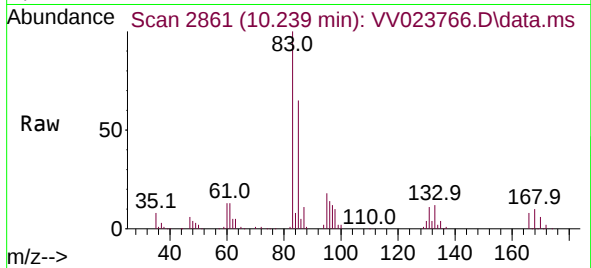




#57
1,1,2,2-Tetrachloroethane
Concen: 24.671 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

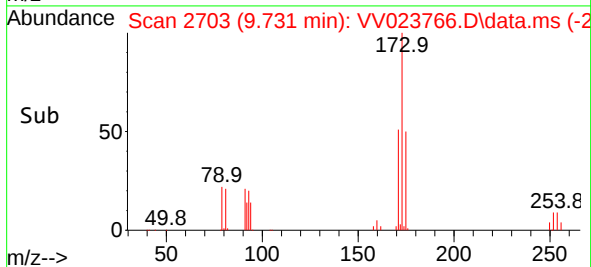
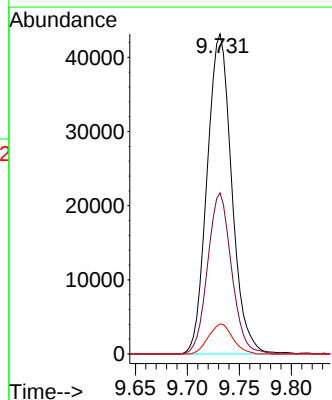
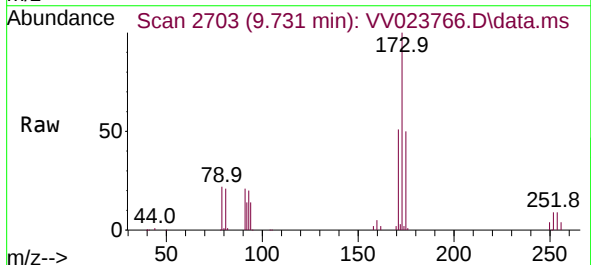
Instrument :
MSVOA_V
ClientSampleId :

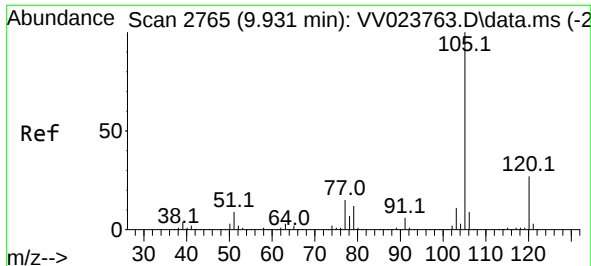
Tgt Ion: 83 Resp: 94739
Ion Ratio Lower Upper
83 100
85 65.1 44.4 82.5
131 10.9 8.4 12.6



#59
Bromoform
Concen: 26.172 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

Tgt Ion: 173 Resp: 71119
Ion Ratio Lower Upper
173 100
175 48.8 0.0 0.0#
254 9.2 0.0 0.0#

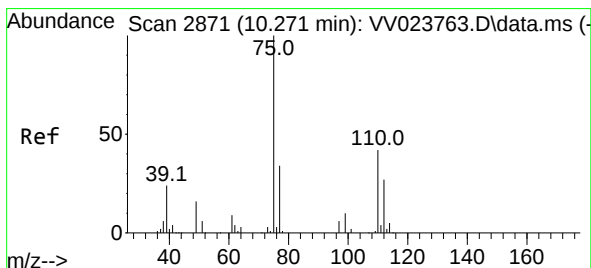
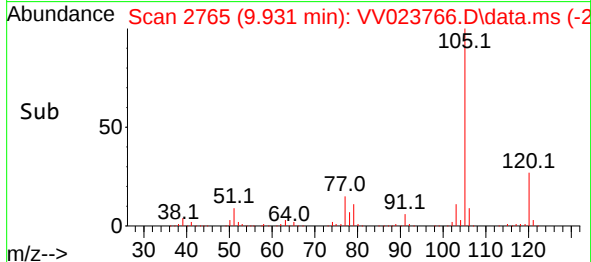
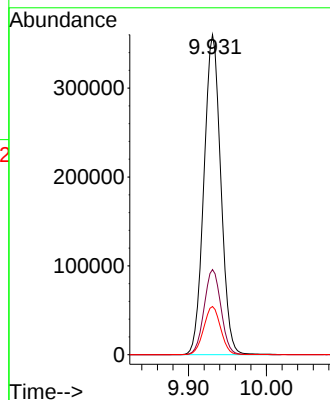
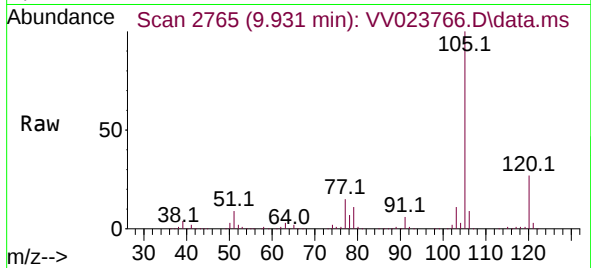




#60
Isopropylbenzene
Concen: 26.759 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

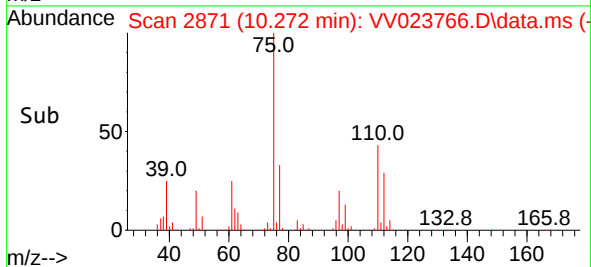
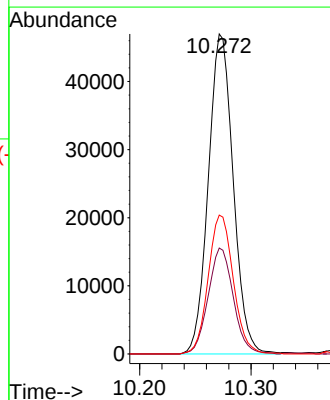
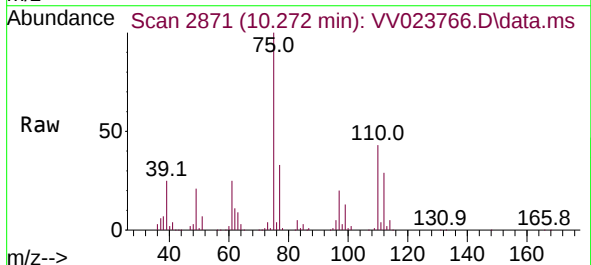
Instrument :
MSVOA_V
ClientSampleId :

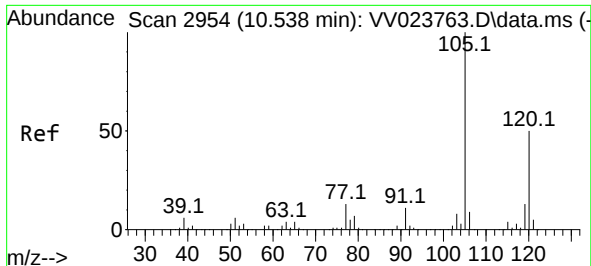
Tgt Ion:105 Resp: 541440
Ion Ratio Lower Upper
105 100
120 26.6 21.6 32.4
77 15.1 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 24.990 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

Tgt Ion: 75 Resp: 73063
Ion Ratio Lower Upper
75 100
77 33.3 27.0 40.6
110 43.6 33.7 50.5

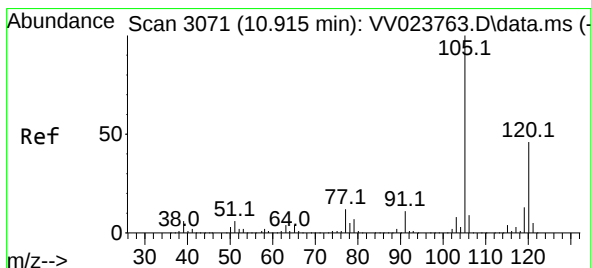
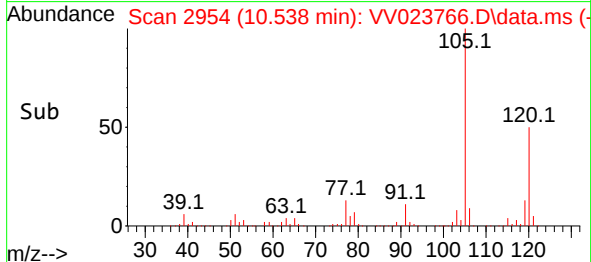
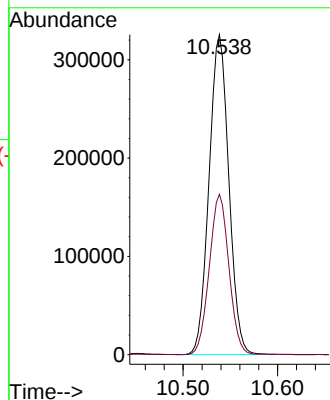
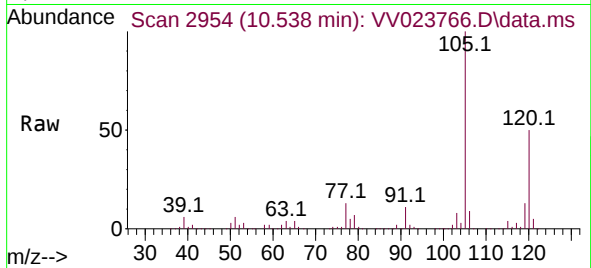




#62
 1,3,5-Trimethylbenzene
 Concen: 26.801 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV023766.D
 Acq: 01 Dec 2021 21:47

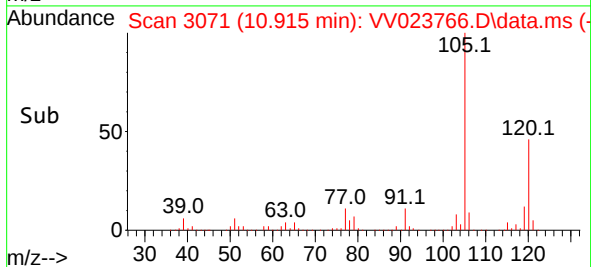
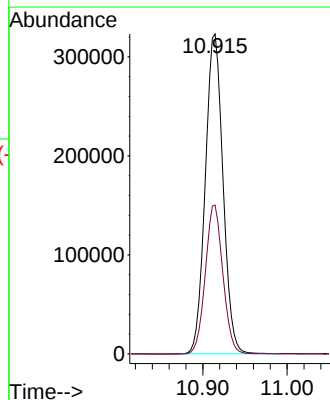
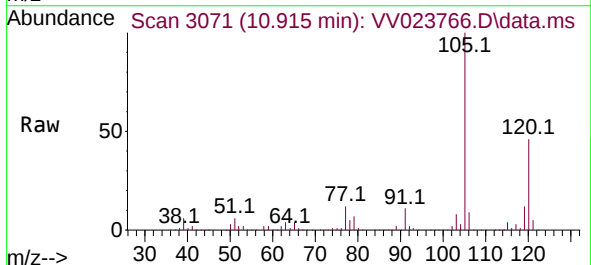
Instrument :
 MSVOA_V
 ClientSampleId :

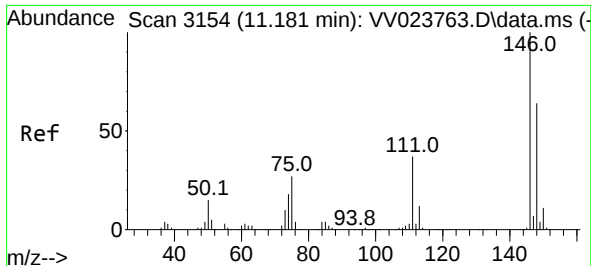
Tgt Ion:105 Resp: 472899
 Ion Ratio Lower Upper
 105 100
 120 49.8 40.0 60.0



#63
 1,2,4-Trimethylbenzene
 Concen: 27.057 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023766.D
 Acq: 01 Dec 2021 21:47

Tgt Ion:105 Resp: 473203
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.7 55.1

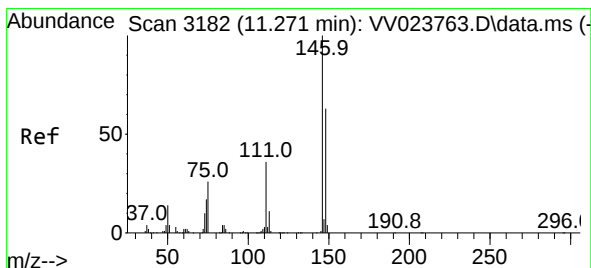
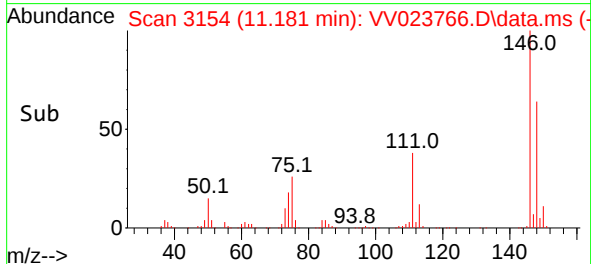
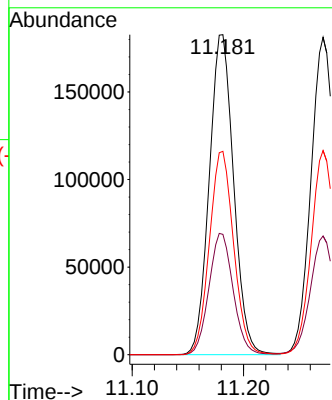
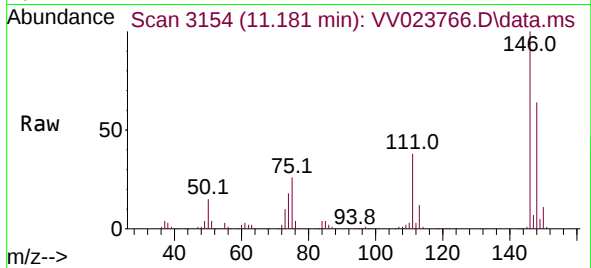




#64
1,3-Dichlorobenzene
Concen: 25.899 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

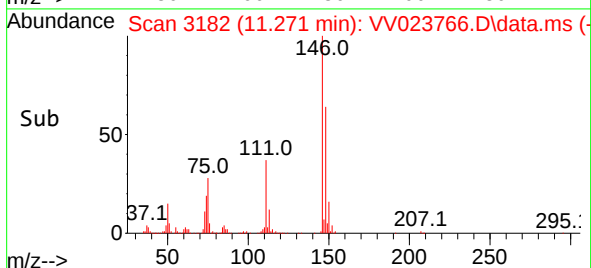
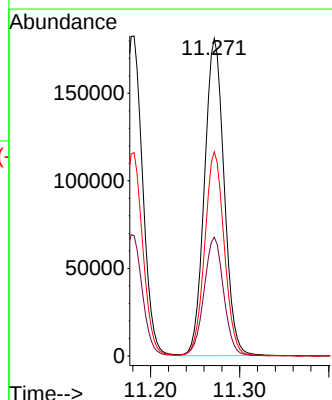
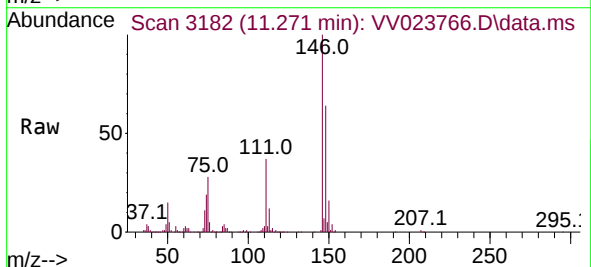
Instrument :
MSVOA_V
ClientSampleId :

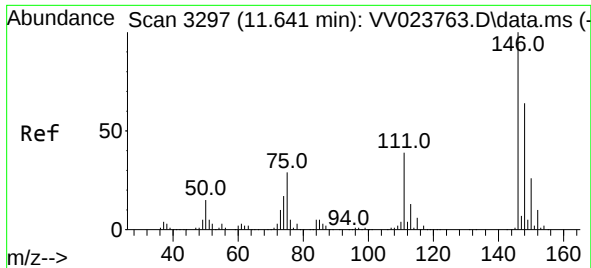
Tgt Ion:146 Resp: 278141
Ion Ratio Lower Upper
146 100
111 37.6 26.2 48.8
148 63.5 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 25.259 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

Tgt Ion:146 Resp: 277323
Ion Ratio Lower Upper
146 100
111 37.4 25.4 47.2
148 64.3 43.8 81.4

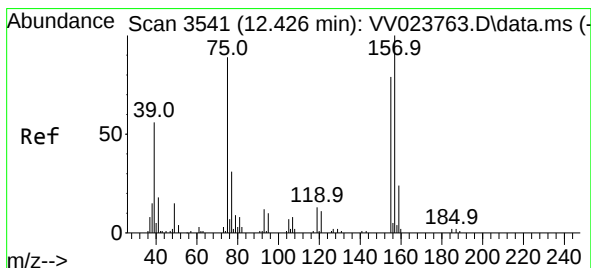
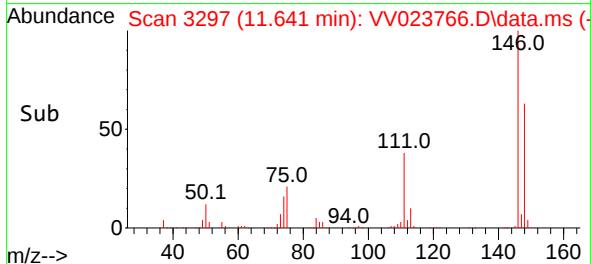
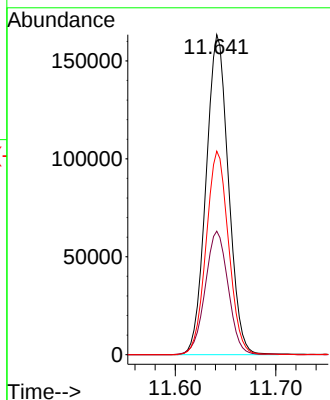
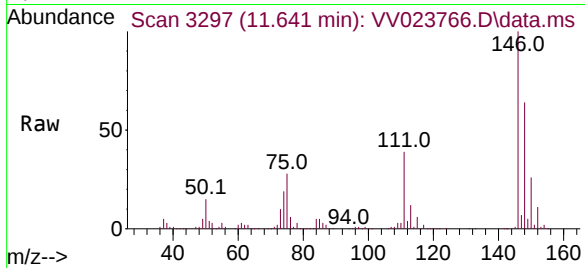




#67
1,2-Dichlorobenzene
Concen: 25.699 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

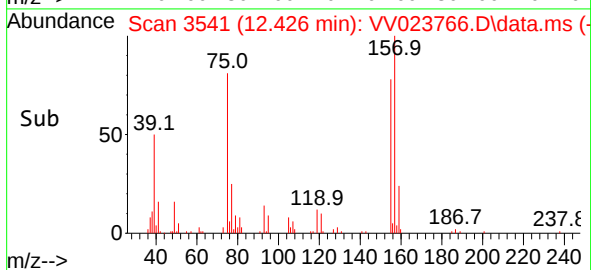
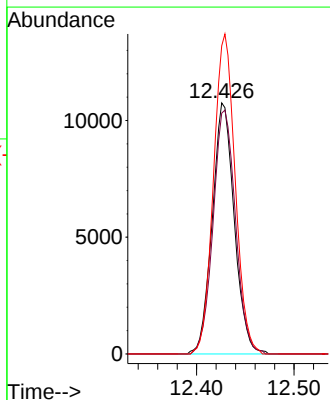
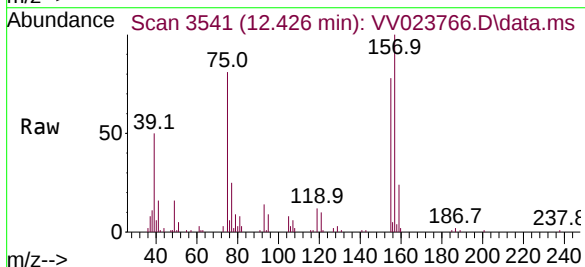
Instrument :
MSVOA_V
ClientSampleId :

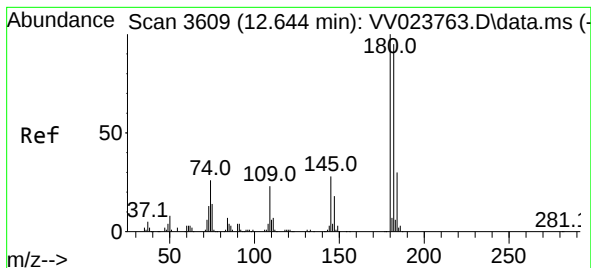
Tgt Ion:146 Resp: 253026
Ion Ratio Lower Upper
146 100
111 38.6 31.4 47.0
148 63.6 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 23.821 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV023766.D
Acq: 01 Dec 2021 21:47

Tgt Ion: 75 Resp: 16906
Ion Ratio Lower Upper
75 100
155 95.9 71.0 106.4
157 122.8 90.1 135.1





#69

1,3,5-Trichlorobenzene

Concen: 25.560 ug/L

RT: 12.644 min Scan# 30

Delta R.T. 0.000 min

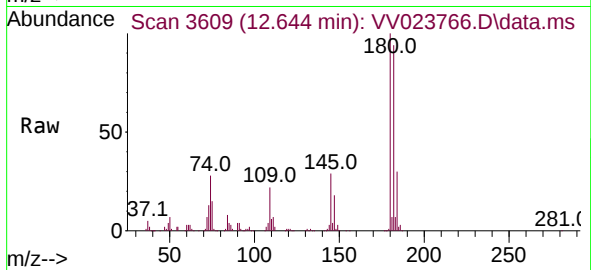
Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 216805

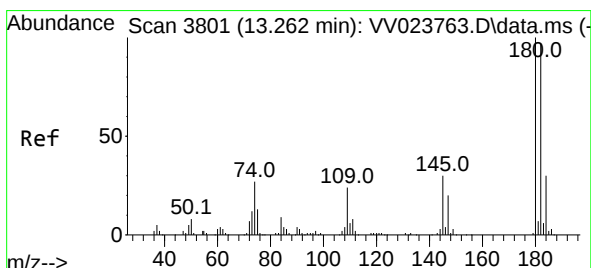
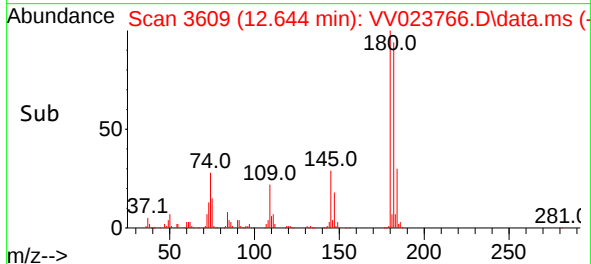
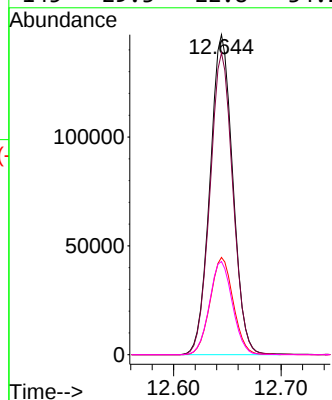
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.8

184 30.7 23.8 35.8

145 29.3 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 25.789 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. -0.003 min

Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

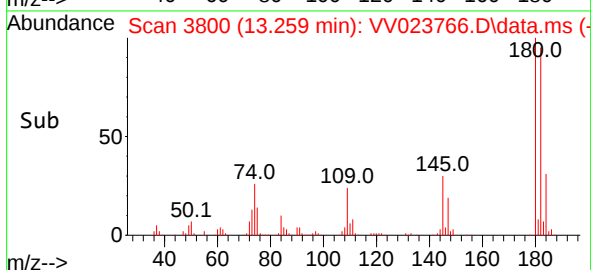
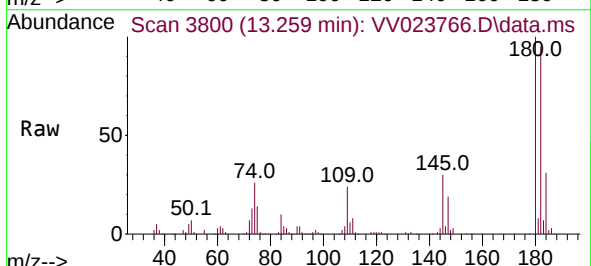
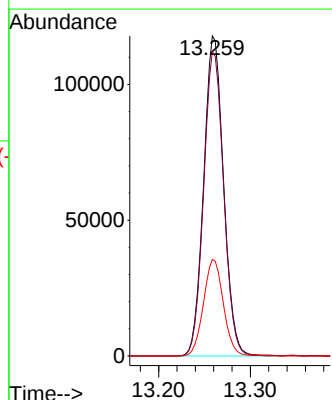
Tgt Ion:180 Resp: 177890

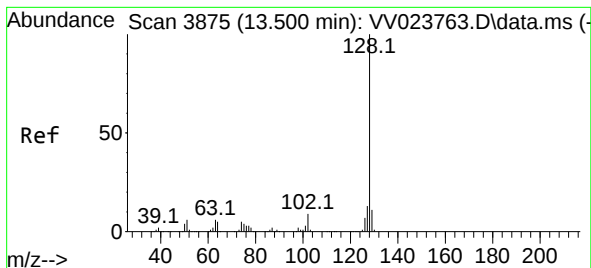
Ion Ratio Lower Upper

180 100

182 95.4 77.0 115.4

145 30.1 24.3 36.5





#71

Naphthalene

Concen: 26.606 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV023766.D

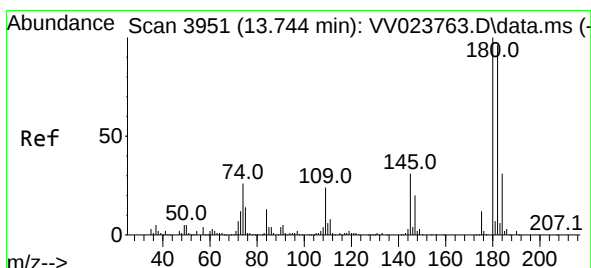
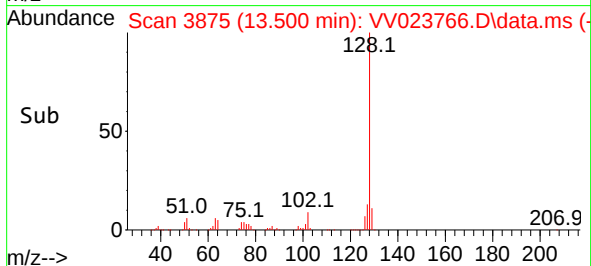
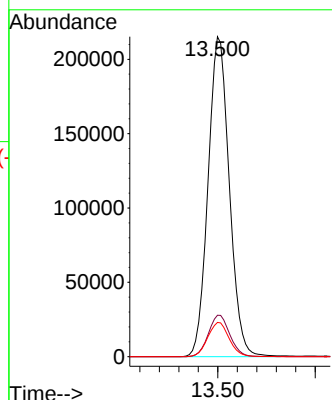
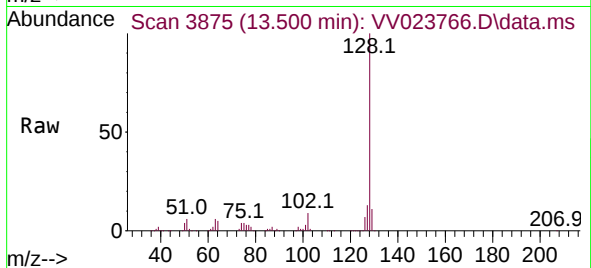
Acq: 01 Dec 2021 21:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	325751
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.8	8.8	13.2



#72

1,2,3-Trichlorobenzene

Concen: 26.113 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.003 min

Lab File: VV023766.D

Acq: 01 Dec 2021 21:47

Tgt Ion:	180	Resp:	162565
Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.2	114.2
145	32.4	25.6	38.4

