

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082622\
 Data File : VV027546.D
 Acq On : 26 Aug 2022 20:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 03:17:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	138988	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	147605	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73361	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41901	4.236	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.568	69	39719	5.486	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.800%
11) 1,1-Dichloroethene-d2	2.108	63	96582	4.187	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.892	46	51742	42.031	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.060%
24) Chloroform-d	4.349	84	82766	4.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.034	65	38366	4.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.050	84	148118	3.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.069	67	44317	3.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.600%
41) Toluene-d8	7.313	98	137362	3.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.625	79	15820	3.887	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.092	63	58456	43.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34507	4.559	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	45886	4.219	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	59472	4.033	ug/L	100
3) Chloromethane	1.240	50	49289	3.827	ug/L	98
5) Vinyl chloride	1.311	62	56137	4.330	ug/L	97
6) Bromomethane	1.520	94	25571	3.989	ug/L	97
8) Chloroethane	1.584	64	42866	5.658	ug/L	94
9) Trichlorofluoromethane	1.751	101	99265	4.819	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	53355	4.589	ug/L	97
12) 1,1-Dichloroethene	2.118	96	47965	4.561	ug/L	99
13) Acetone	2.175	43	45606	38.793	ug/L	100
14) Carbon disulfide	2.291	76	106348	3.685	ug/L	99
15) Methyl Acetate	2.436	43	12019	3.692	ug/L	# 72
16) Methylene chloride	2.503	84	53560	3.378	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	94358	4.337	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	43566	4.021	ug/L	98
19) 1,1-Dichloroethane	3.188	63	93269	4.159	ug/L	99
21) 2-Butanone	3.976	43	52748	33.714	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	48119	4.168	ug/L	94
23) Bromochloromethane	4.249	128	21367	4.197	ug/L	86
25) Chloroform	4.371	83	104385	4.280	ug/L	96

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 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 03:17:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

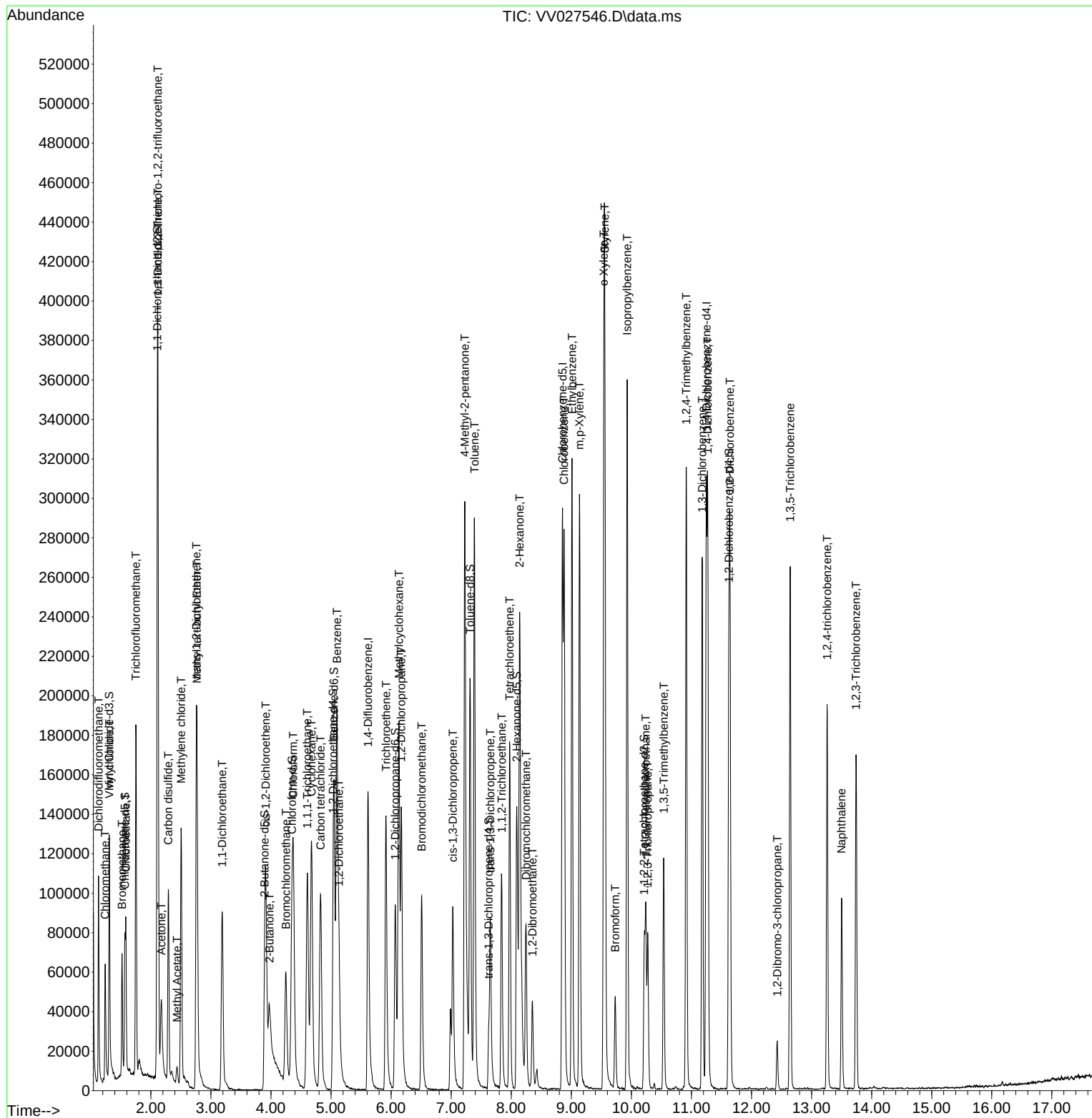
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	56911	4.593	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	93525	4.128	ug/L	99
30) Cyclohexane	4.674	56	61942	3.562	ug/L	96
31) Carbon tetrachloride	4.825	117	79953	4.058	ug/L	99
33) Benzene	5.098	78	196295	4.000	ug/L	100
34) Trichloroethene	5.915	95	51792	4.010	ug/L	97
35) Methylcyclohexane	6.130	83	71249	3.922	ug/L	96
37) 1,2-Dichloropropane	6.169	63	51850	3.963	ug/L	100
38) Bromodichloromethane	6.510	83	69409	4.184	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	59415	3.766	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	232802	39.823	ug/L	96
42) Toluene	7.387	91	212504	4.195	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	53090	3.981	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	35550	4.250	ug/L	96
47) Tetrachloroethene	7.976	164	39802	3.956	ug/L	95
48) 2-Hexanone	8.140	43	182265	43.269	ug/L	96
49) Dibromochloromethane	8.246	129	43025	4.182	ug/L	99
50) 1,2-Dibromoethane	8.352	107	30207	4.137	ug/L	96
51) Chlorobenzene	8.879	112	144448	4.406	ug/L	97
52) Ethylbenzene	9.011	91	217728	4.211	ug/L	99
53) m,p-Xylene	9.137	106	82479	4.168	ug/L	98
54) o-Xylene	9.542	106	82910	4.320	ug/L	99
55) Styrene	9.558	104	150394	4.606	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	43229	4.588	ug/L	97
59) Bromoform	9.731	173	21740	4.422	ug/L	99
60) Isopropylbenzene	9.931	105	218667	4.530	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	30037	4.667	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	61041	4.560	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	166550	4.417	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	108100	4.545	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	110725	4.670	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	97360	4.515	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5884	4.115	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	80775	4.550	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	57144	4.430	ug/L	99
71) Naphthalene	13.500	128	74068	4.159	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	51386	4.485	ug/L	99

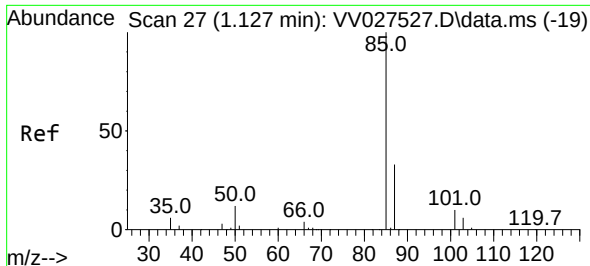
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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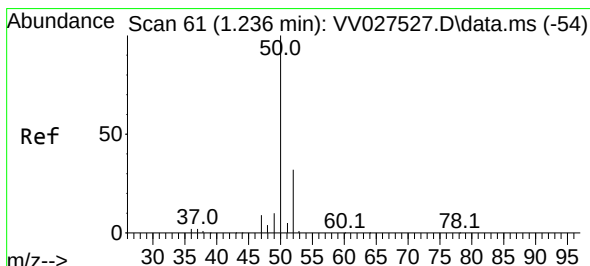
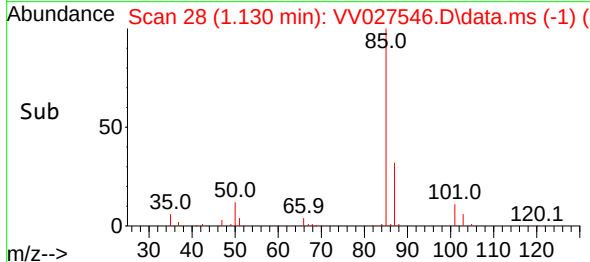
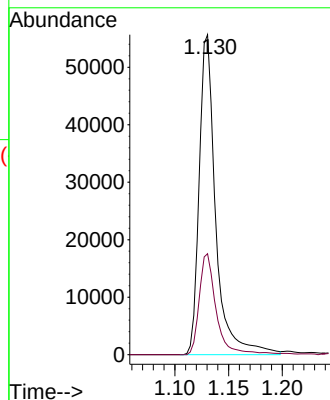
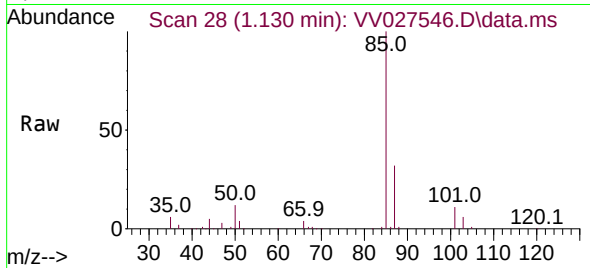




#2
 Dichlorodifluoromethane
 Concen: 4.033 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV027546.D
 Acq: 26 Aug 2022 20:08

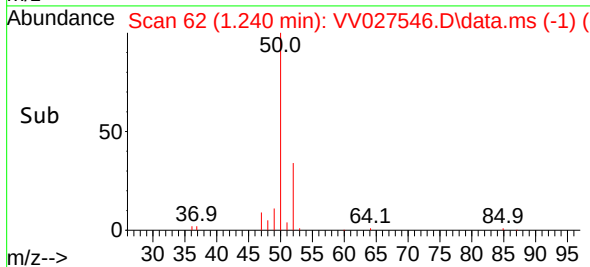
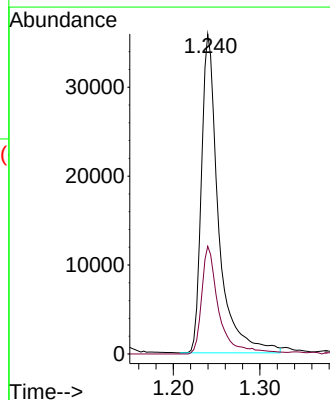
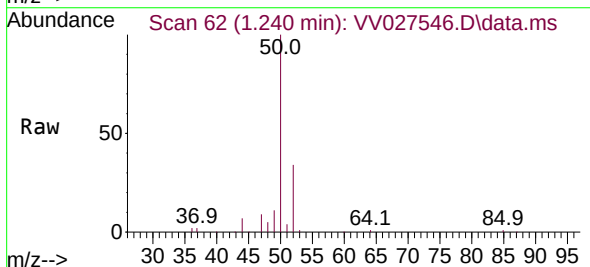
Instrument :
 MSVOA_V
 ClientSampleId :

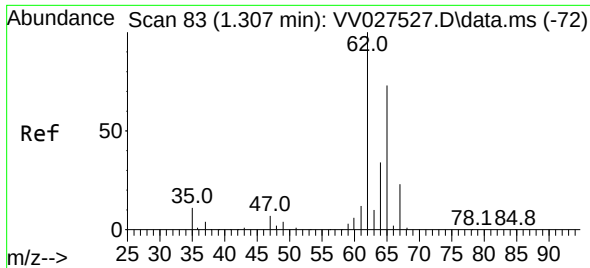
Tgt Ion: 85 Resp: 59472
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 3.827 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV027546.D
 Acq: 26 Aug 2022 20:08

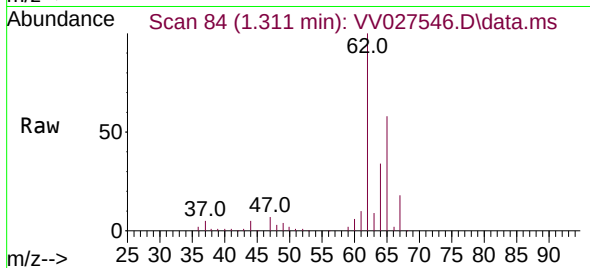
Tgt Ion: 50 Resp: 49289
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.8 42.4



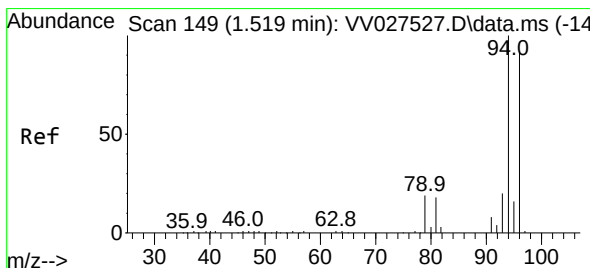
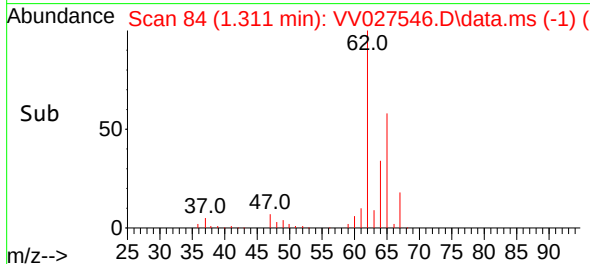
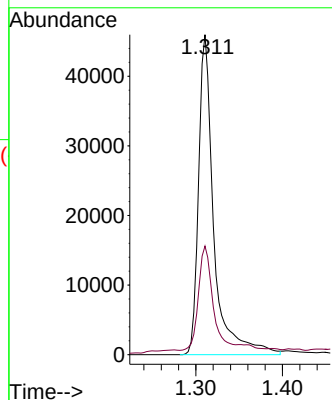


#5
 Vinyl chloride
 Concen: 4.330 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV027546.D
 Acq: 26 Aug 2022 20:08

Instrument :
 MSVOA_V
 ClientSampleId :

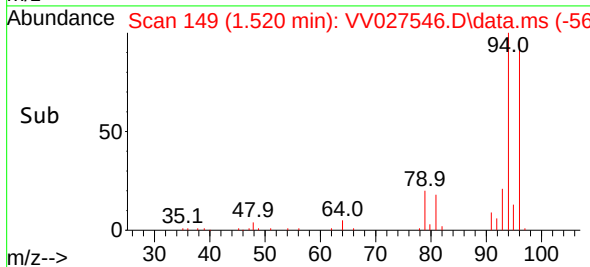
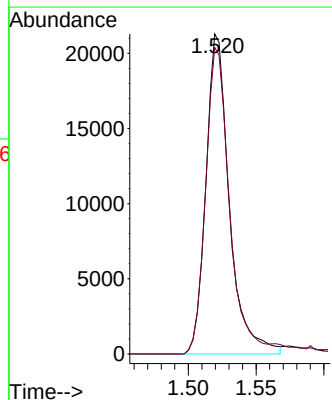
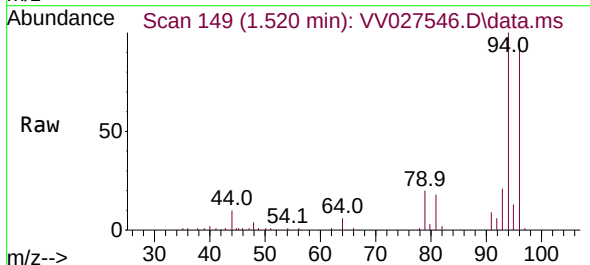


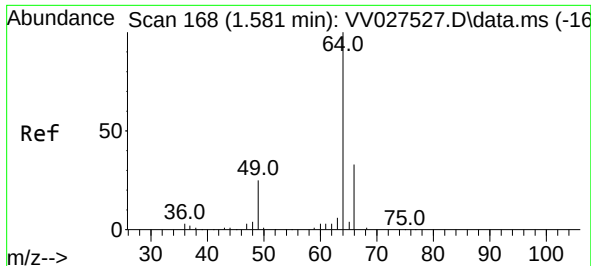
Tgt Ion: 62 Resp: 56137
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.6 42.0



#6
 Bromomethane
 Concen: 3.989 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV027546.D
 Acq: 26 Aug 2022 20:08

Tgt Ion: 94 Resp: 25571
 Ion Ratio Lower Upper
 94 100
 96 95.8 65.2 121.0

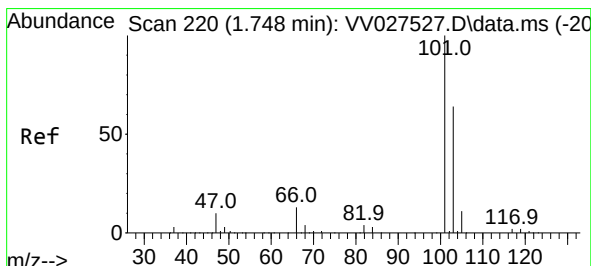
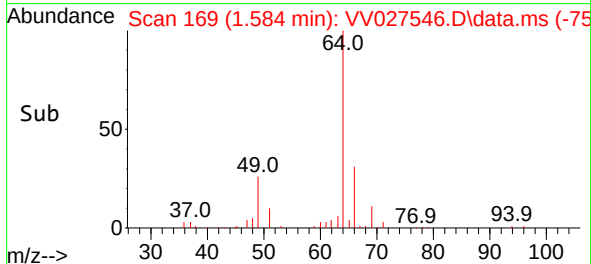
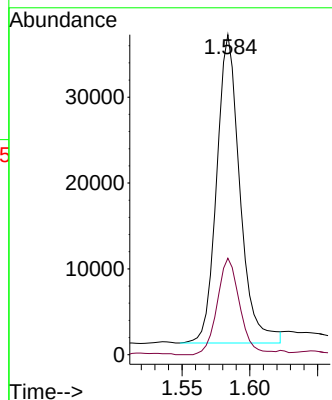
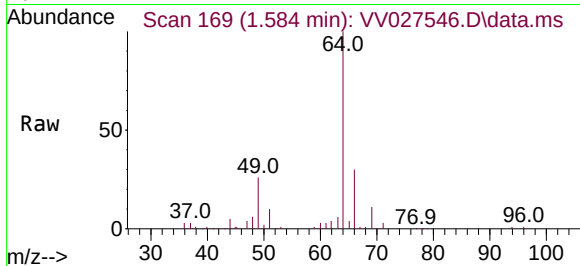




#8
Chloroethane
Concen: 5.658 ug/L
RT: 1.584 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

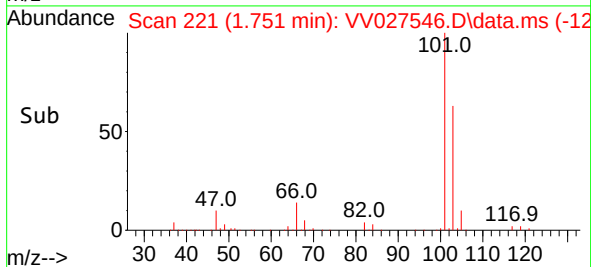
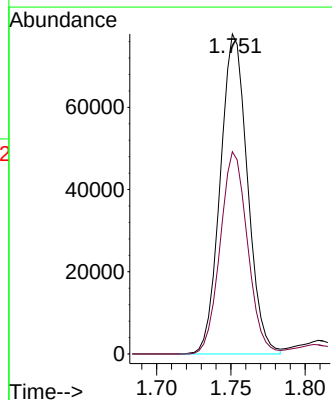
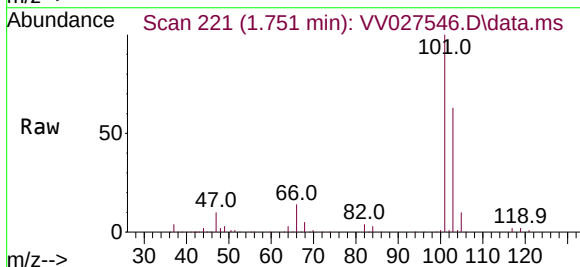
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MSVOA_V
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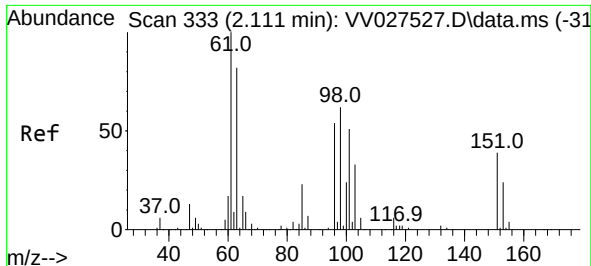
Tgt Ion: 64 Resp: 42866
Ion Ratio Lower Upper
64 100
66 30.2 23.3 43.3



#9
Trichlorofluoromethane
Concen: 4.819 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

Tgt Ion:101 Resp: 99265
Ion Ratio Lower Upper
101 100
103 63.5 51.5 77.3

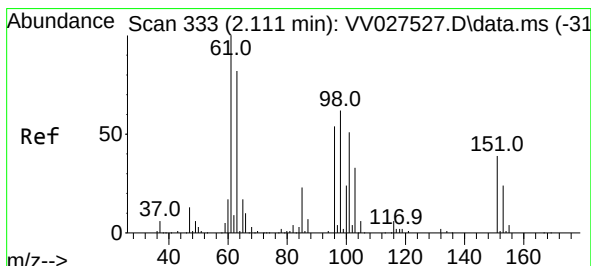
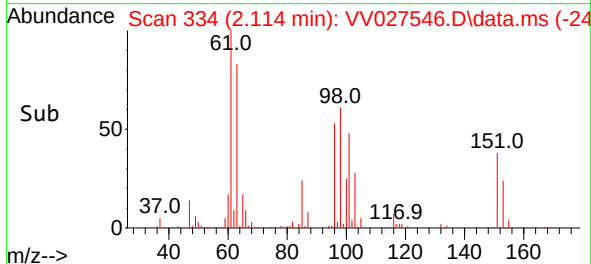
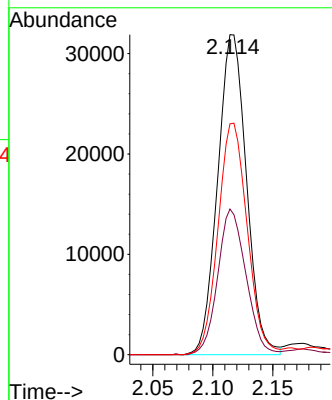
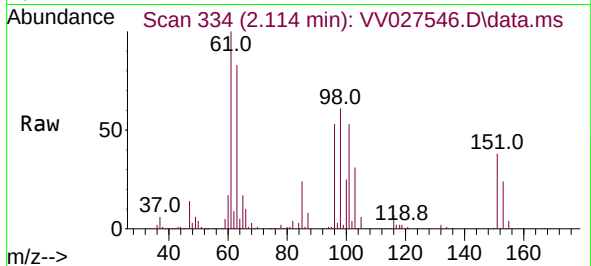




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.589 ug/L
 RT: 2.114 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV027546.D
 Acq: 26 Aug 2022 20:08

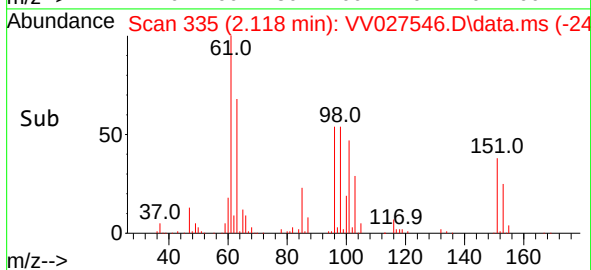
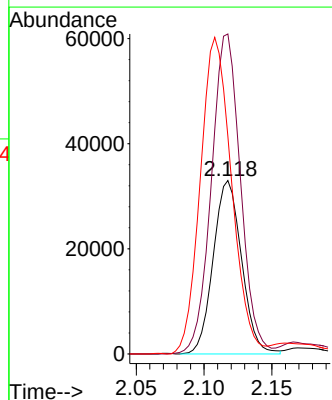
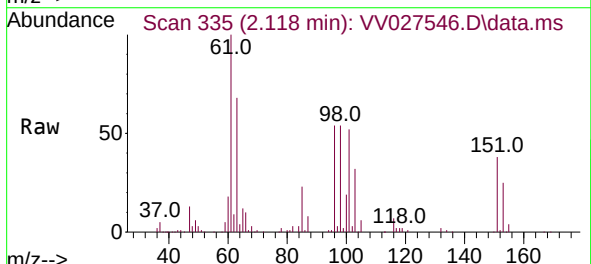
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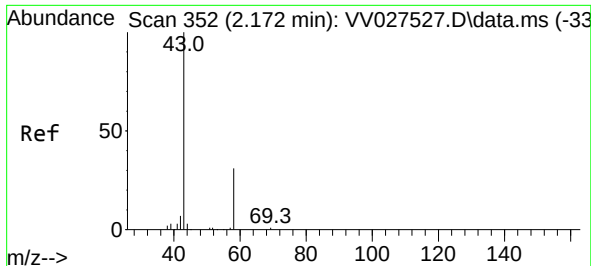
Tgt Ion:101 Resp: 53355
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.3 52.9
 151 73.2 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 4.561 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.007 min
 Lab File: VV027546.D
 Acq: 26 Aug 2022 20:08

Tgt Ion: 96 Resp: 47965
 Ion Ratio Lower Upper
 96 100
 61 184.5 130.2 241.8
 63 125.5 87.4 162.4





#13

Acetone

Concen: 38.793 ug/L

RT: 2.175 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV027546.D

Acq: 26 Aug 2022 20:08

Instrument :

MSVOA_V

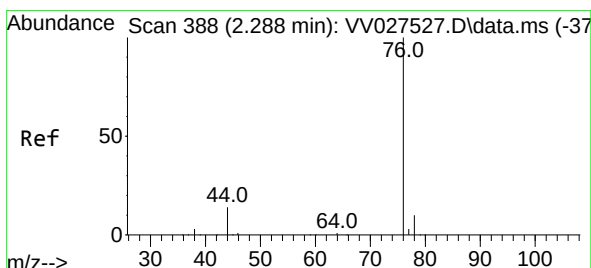
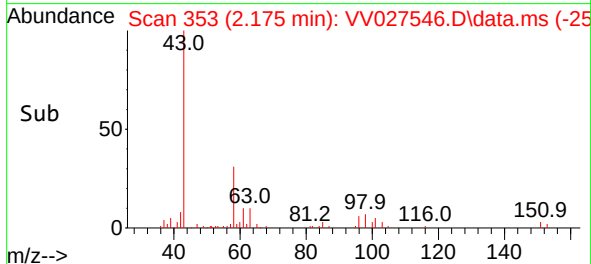
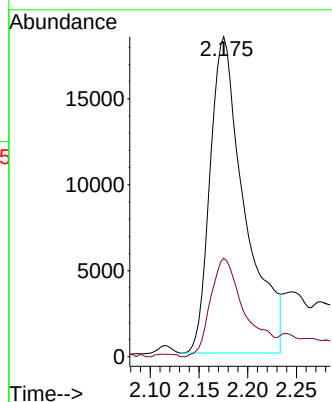
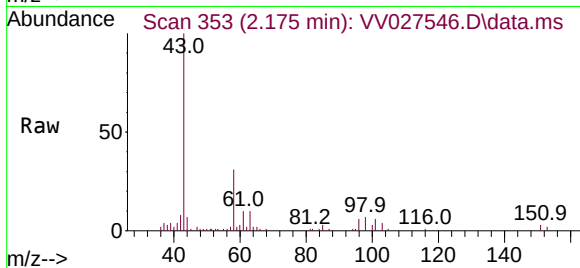
ClientSampleId :

Tgt Ion: 43 Resp: 45606

Ion Ratio Lower Upper

43 100

58 31.3 0.0 62.2



#14

Carbon disulfide

Concen: 3.685 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV027546.D

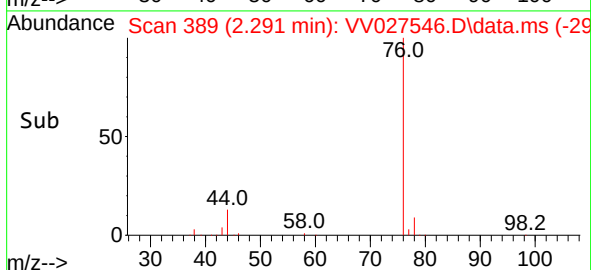
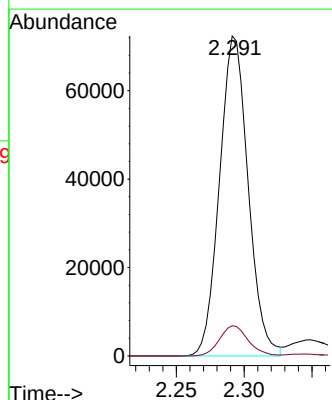
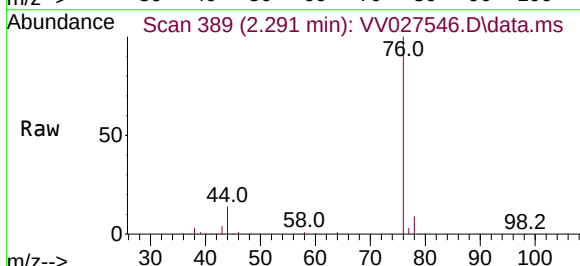
Acq: 26 Aug 2022 20:08

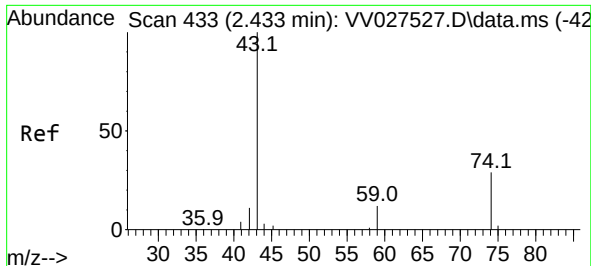
Tgt Ion: 76 Resp: 106348

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9

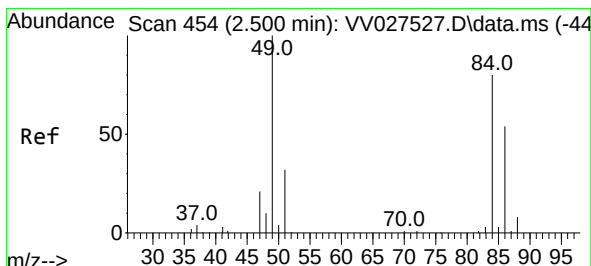
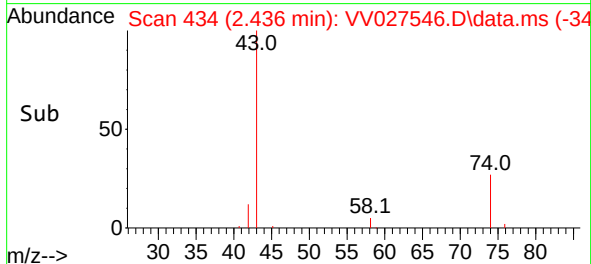
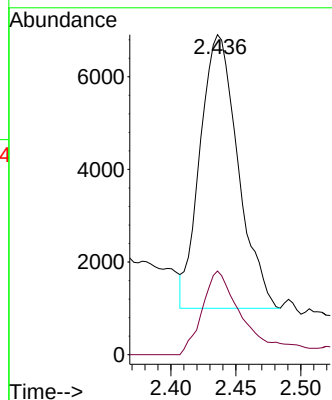
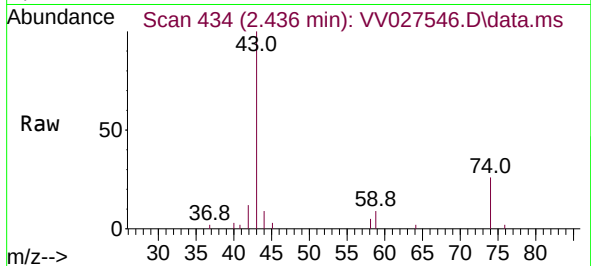




#15
Methyl Acetate
Concen: 3.692 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

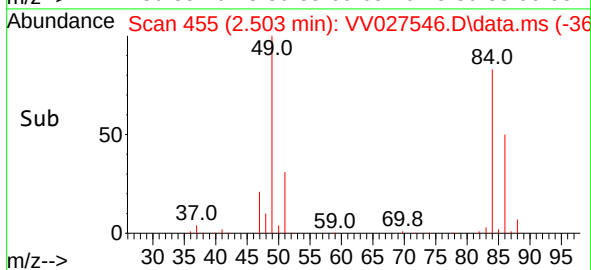
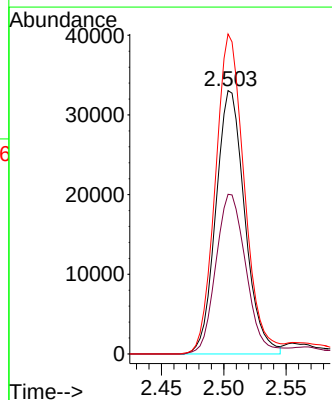
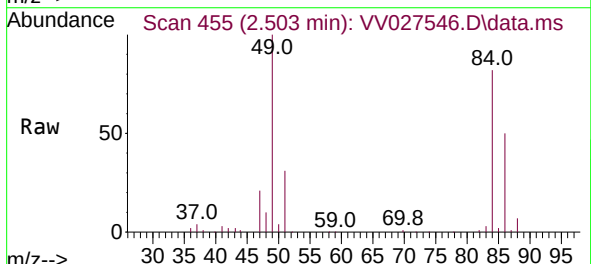
Instrument :
MSVOA_V
ClientSampleId :

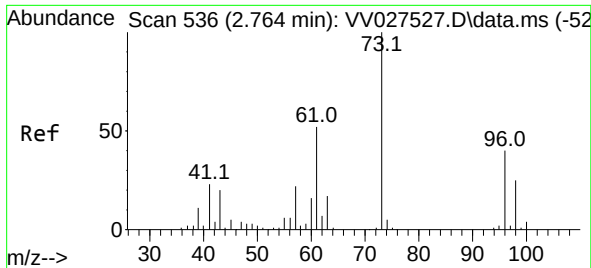
Tgt Ion: 43 Resp: 12019
Ion Ratio Lower Upper
43 100
74 33.6 16.3 24.5#



#16
Methylene chloride
Concen: 3.378 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

Tgt Ion: 84 Resp: 53560
Ion Ratio Lower Upper
84 100
86 60.6 44.0 81.6
49 121.5 89.4 166.0

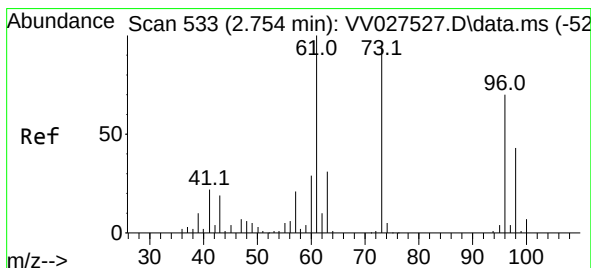
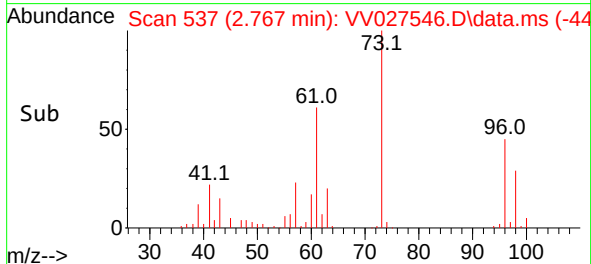
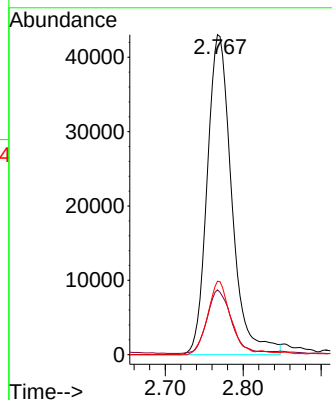
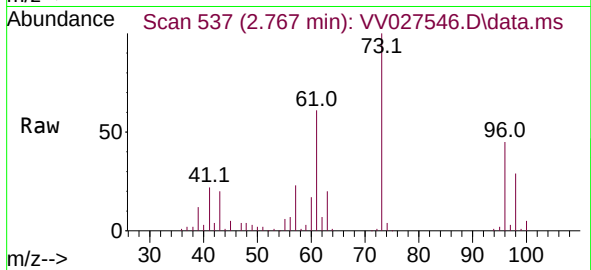




#17
Methyl tert-butyl Ether
Concen: 4.337 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

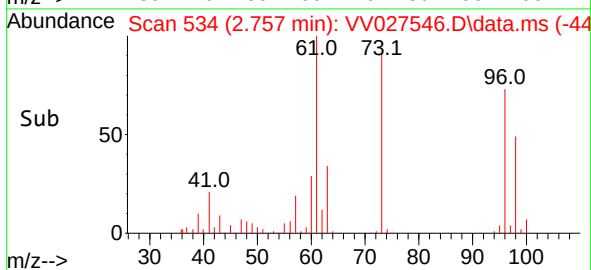
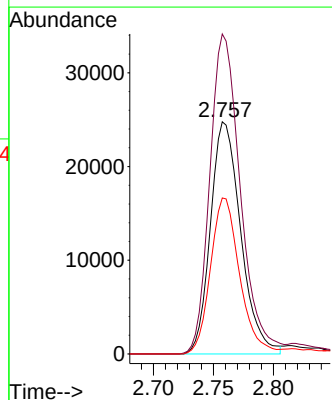
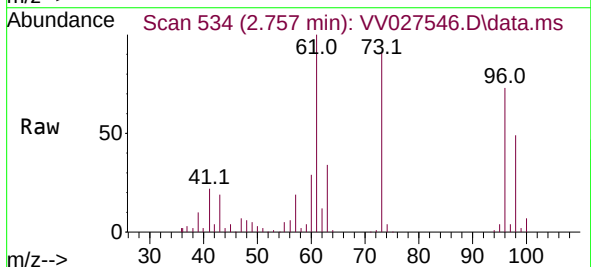
Instrument :
MSVOA_V
ClientSampleId :

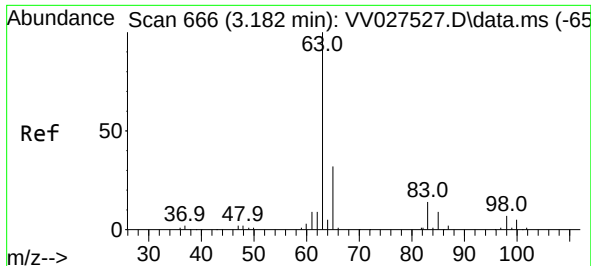
Tgt Ion: 73 Resp: 94358
Ion Ratio Lower Upper
73 100
43 19.5 15.6 23.4
57 21.4 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.021 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

Tgt Ion: 96 Resp: 43566
Ion Ratio Lower Upper
96 100
61 137.8 97.6 181.4
98 67.2 45.9 85.3





#19

1,1-Dichloroethane

Concen: 4.159 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV027546.D

Acq: 26 Aug 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

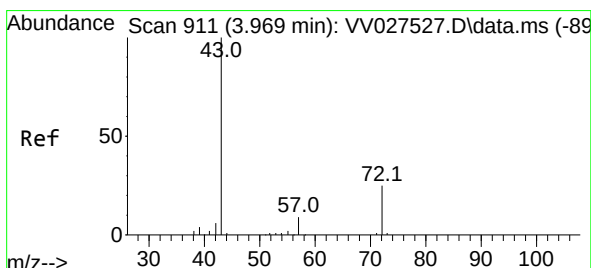
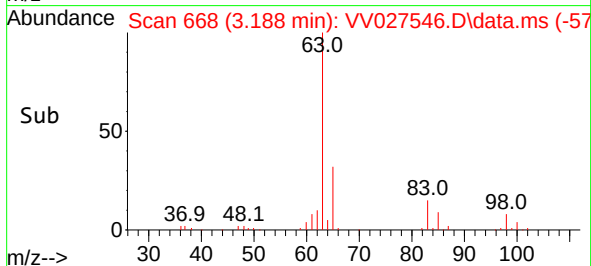
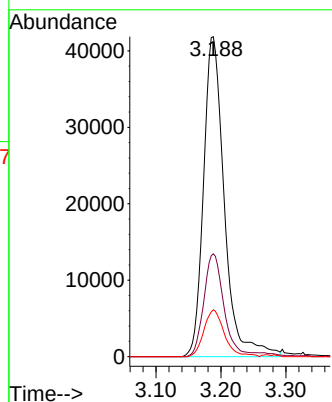
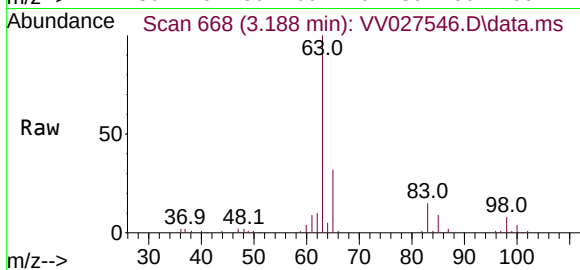
Tgt Ion: 63 Resp: 93269

Ion Ratio Lower Upper

63 100

65 32.2 22.1 41.1

83 14.7 9.6 17.8



#21

2-Butanone

Concen: 33.714 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.007 min

Lab File: VV027546.D

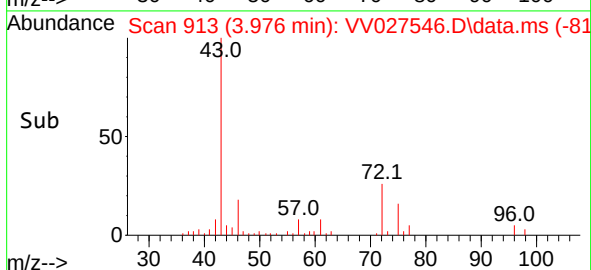
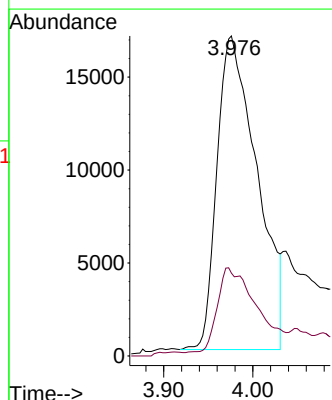
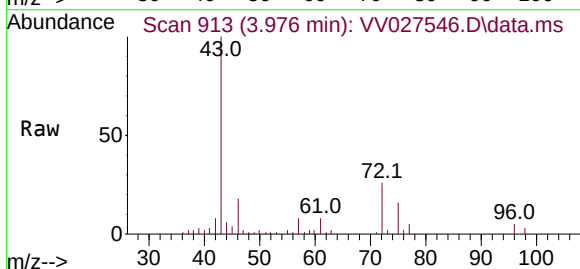
Acq: 26 Aug 2022 20:08

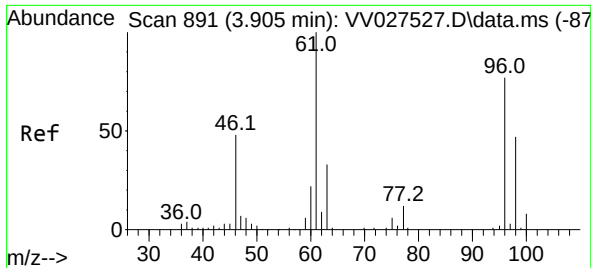
Tgt Ion: 43 Resp: 52748

Ion Ratio Lower Upper

43 100

72 26.8 12.0 36.1

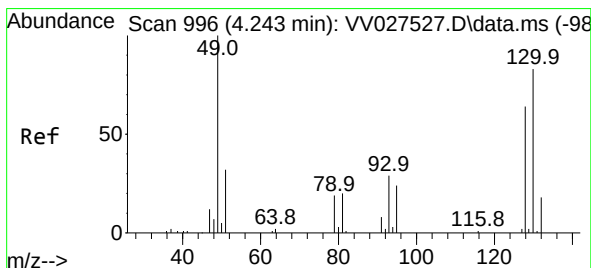
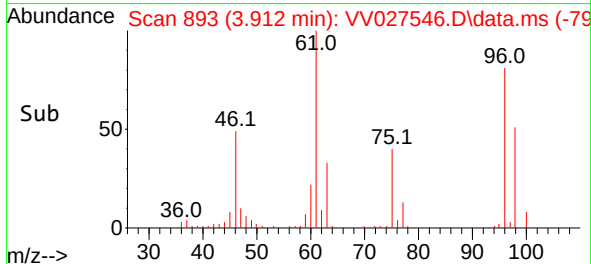
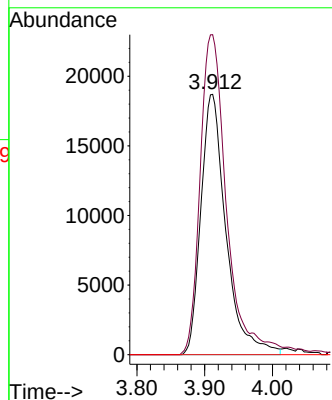
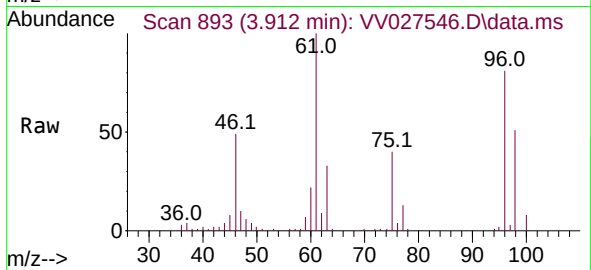




#22
 cis-1,2-Dichloroethene
 Concen: 4.168 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.007 min
 Lab File: VV027546.D
 Acq: 26 Aug 2022 20:08

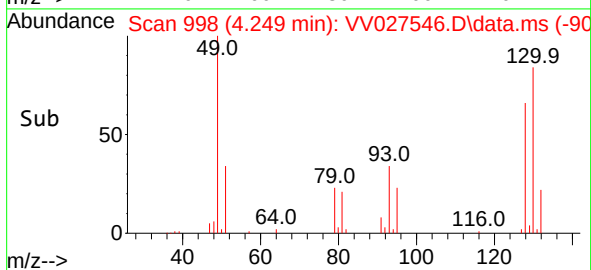
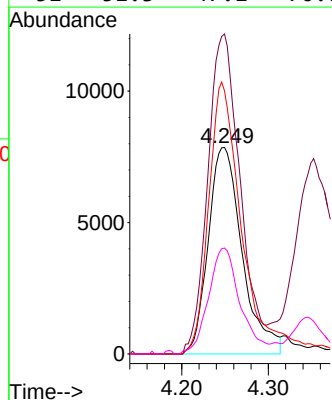
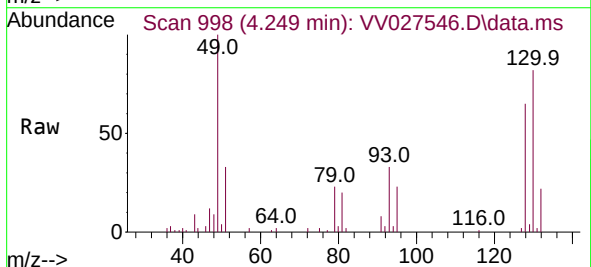
Instrument :
 MSVOA_V
 ClientSampleId :

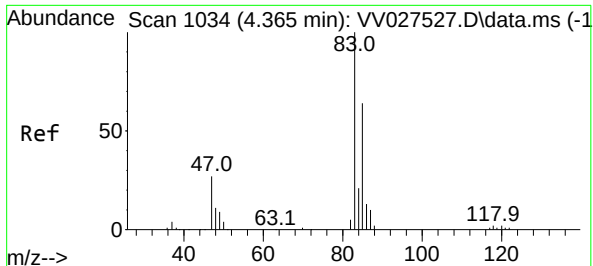
Tgt Ion: 96 Resp: 48119
 Ion Ratio Lower Upper
 96 100
 61 122.9 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.197 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.007 min
 Lab File: VV027546.D
 Acq: 26 Aug 2022 20:08

Tgt Ion: 128 Resp: 21367
 Ion Ratio Lower Upper
 128 100
 49 155.0 127.5 236.7
 130 127.4 97.0 180.2
 51 51.3 47.1 70.7





#25

Chloroform

Concen: 4.280 ug/L

RT: 4.371 min Scan# 1034

Delta R.T. 0.007 min

Lab File: VV027546.D

Acq: 26 Aug 2022 20:08

Instrument :

MSVOA_V

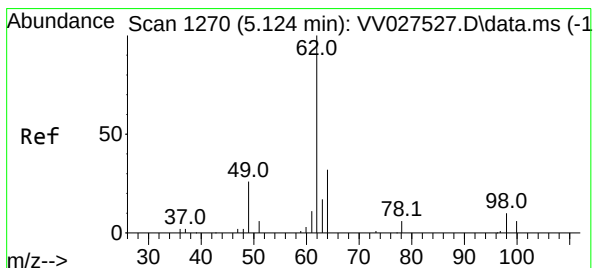
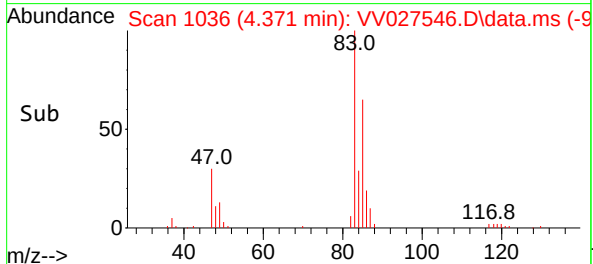
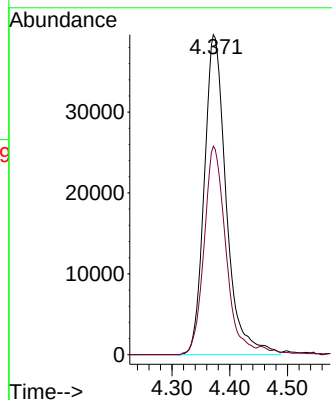
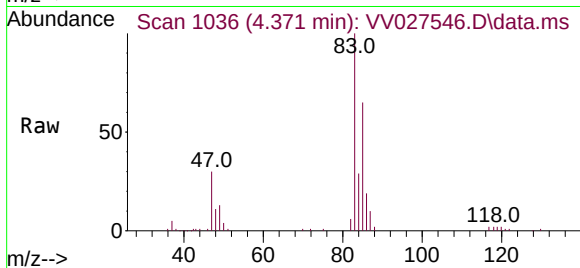
ClientSampleId :

Tgt Ion: 83 Resp: 104385

Ion Ratio Lower Upper

83 100

85 65.2 43.3 80.5



#27

1,2-Dichloroethane

Concen: 4.593 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.010 min

Lab File: VV027546.D

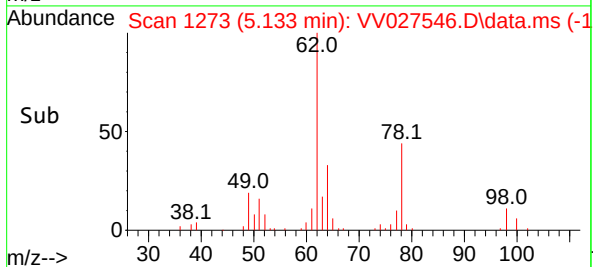
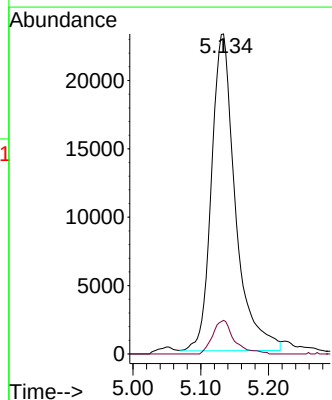
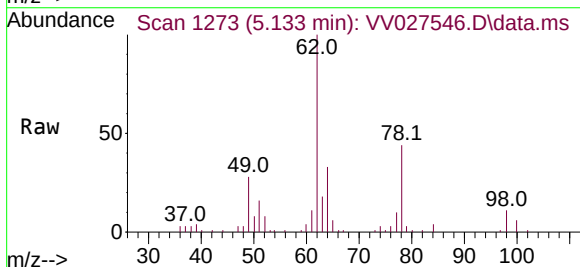
Acq: 26 Aug 2022 20:08

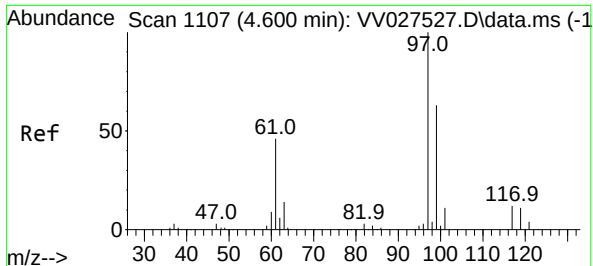
Tgt Ion: 62 Resp: 56911

Ion Ratio Lower Upper

62 100

98 10.5 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.128 ug/L

RT: 4.606 min Scan# 1107

Delta R.T. 0.007 min

Lab File: VV027546.D

Acq: 26 Aug 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

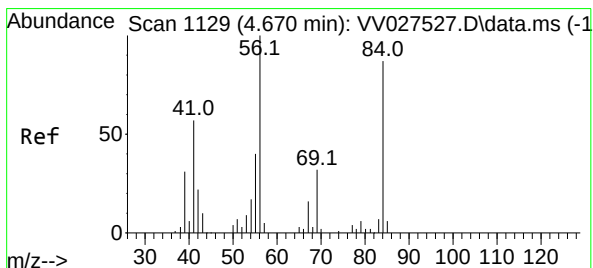
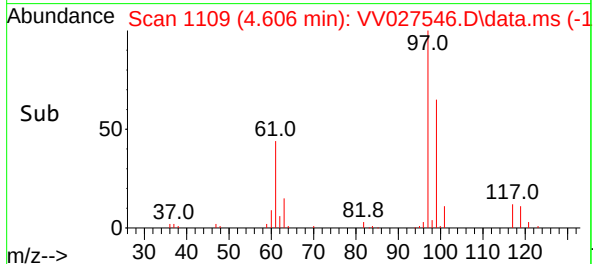
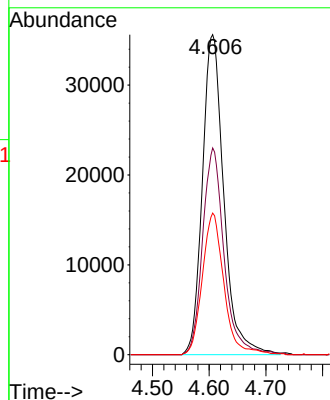
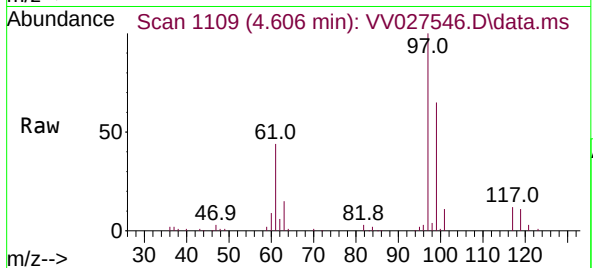
Tgt Ion: 97 Resp: 93525

Ion Ratio Lower Upper

97 100

99 64.4 51.1 76.7

61 44.6 35.9 53.9



#30

Cyclohexane

Concen: 3.562 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV027546.D

Acq: 26 Aug 2022 20:08

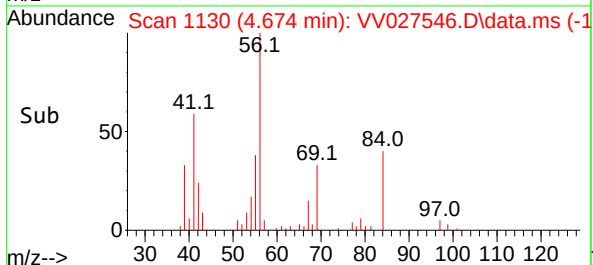
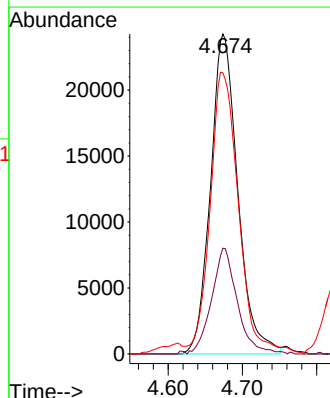
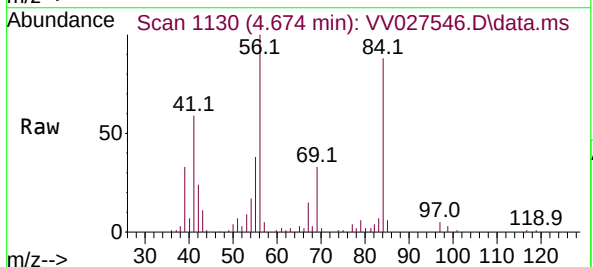
Tgt Ion: 56 Resp: 61942

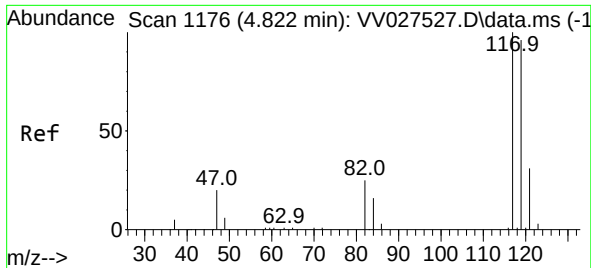
Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.0

84 91.6 69.7 104.5

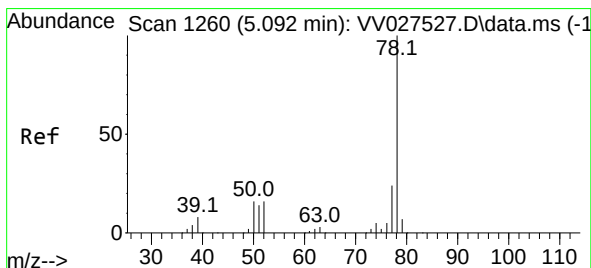
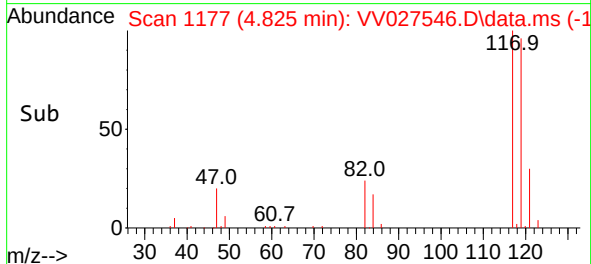
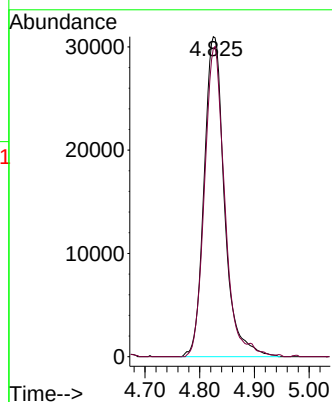
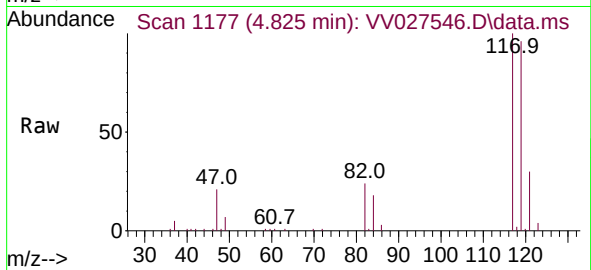




#31
Carbon tetrachloride
Concen: 4.058 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

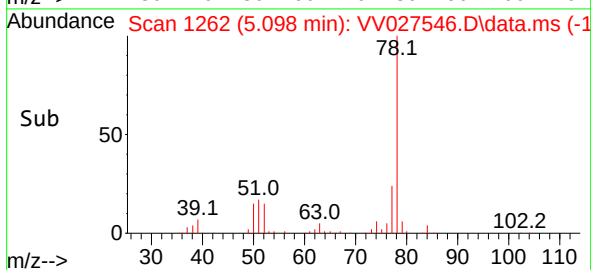
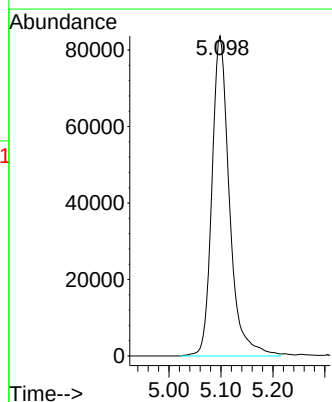
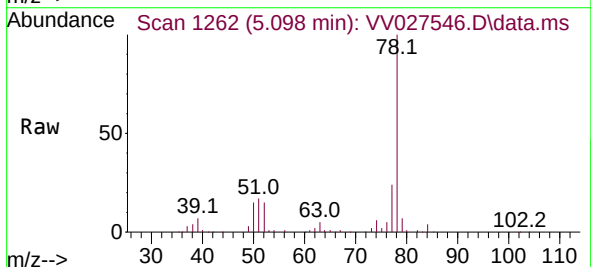
Instrument :
MSVOA_V
ClientSampleId :

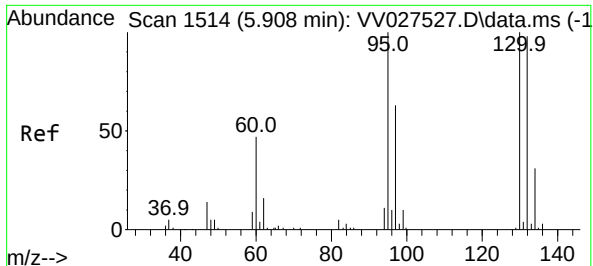
Tgt Ion:117 Resp: 79953
Ion Ratio Lower Upper
117 100
119 94.3 76.1 114.1



#33
Benzene
Concen: 4.000 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.007 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

Tgt Ion: 78 Resp: 196295

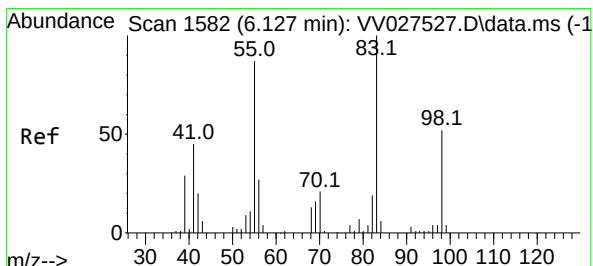
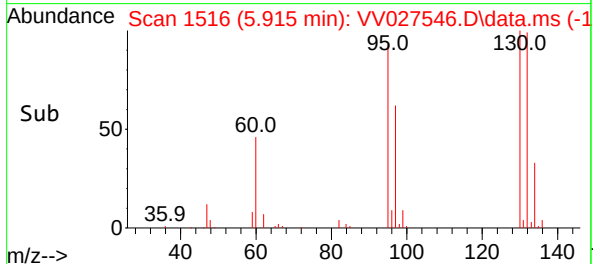
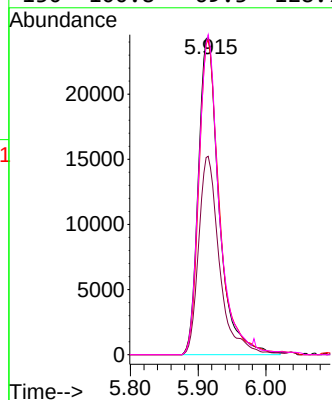
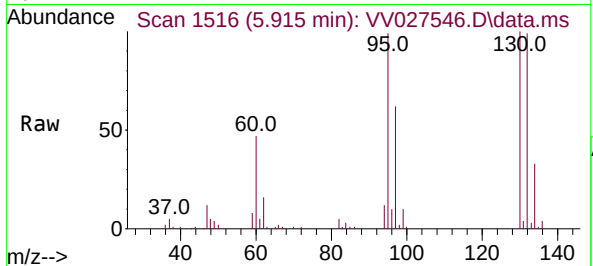




#34
Trichloroethene
Concen: 4.010 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

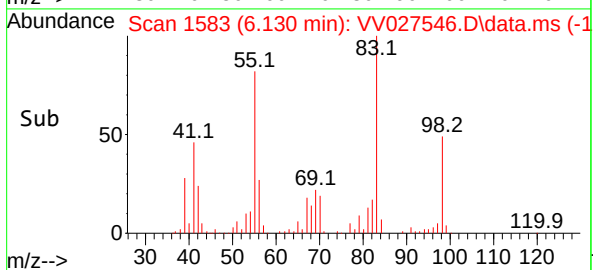
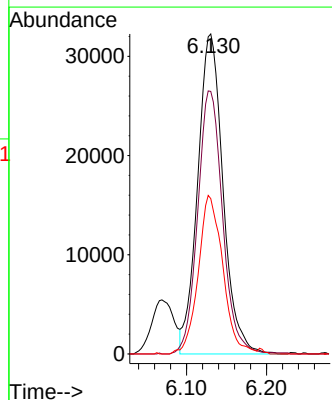
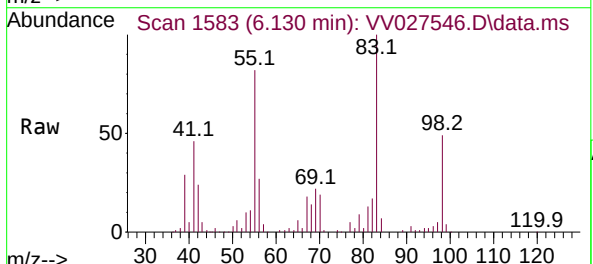
Instrument :
MSVOA_V
ClientSampleId :

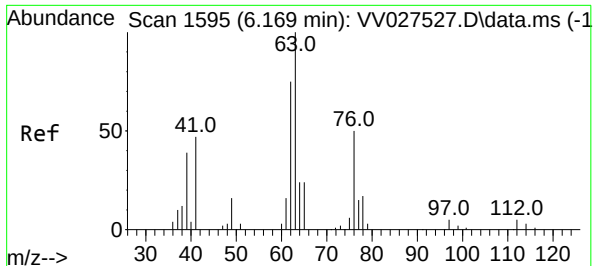
Tgt Ion: 95 Resp: 51792
Ion Ratio Lower Upper
95 100
97 62.5 45.0 83.6
132 99.2 65.7 121.9
130 100.8 69.3 128.7



#35
Methylcyclohexane
Concen: 3.922 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

Tgt Ion: 83 Resp: 71249
Ion Ratio Lower Upper
83 100
55 80.8 68.2 102.4
98 47.9 39.0 58.4





#37

1,2-Dichloropropane

Concen: 3.963 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV027546.D

Acq: 26 Aug 2022 20:08

Instrument :

MSVOA_V

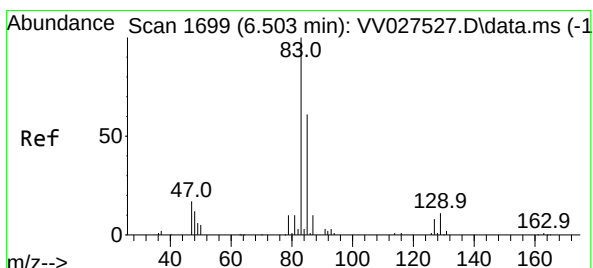
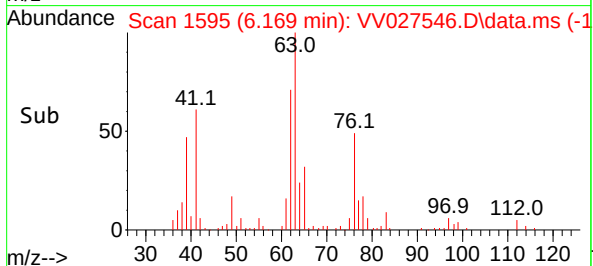
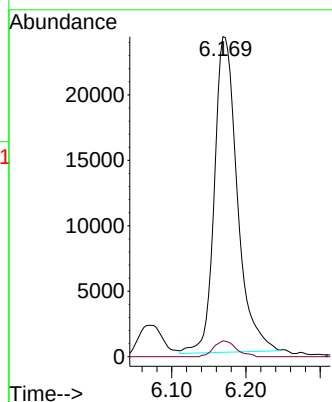
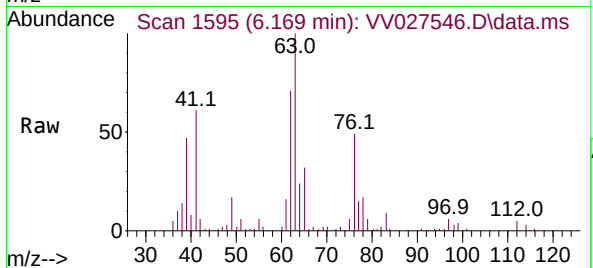
ClientSampleId :

Tgt Ion: 63 Resp: 51850

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 4.184 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.007 min

Lab File: VV027546.D

Acq: 26 Aug 2022 20:08

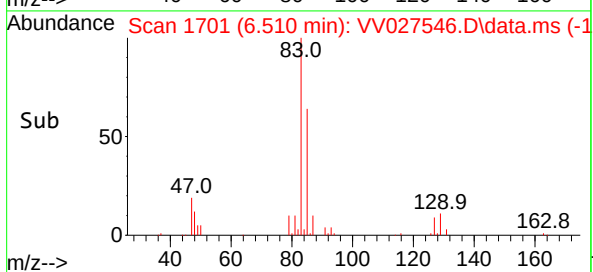
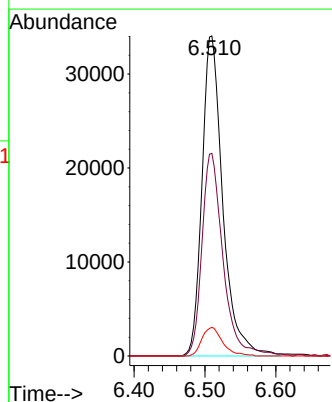
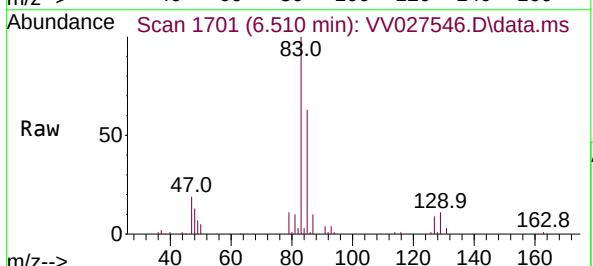
Tgt Ion: 83 Resp: 69409

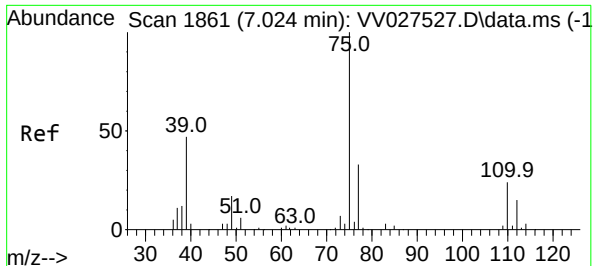
Ion Ratio Lower Upper

83 100

85 63.3 45.3 84.1

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 3.766 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV027546.D

Acq: 26 Aug 2022 20:08

Instrument :

MSVOA_V

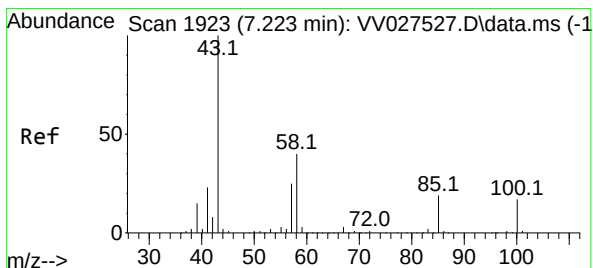
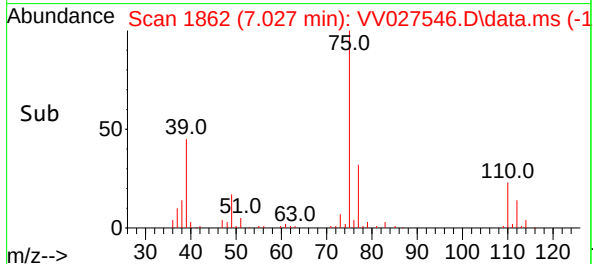
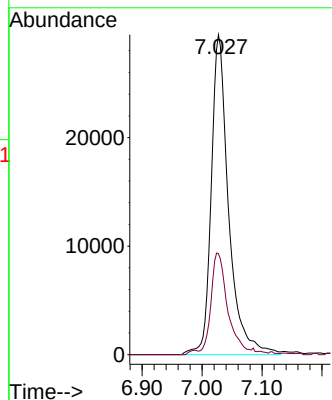
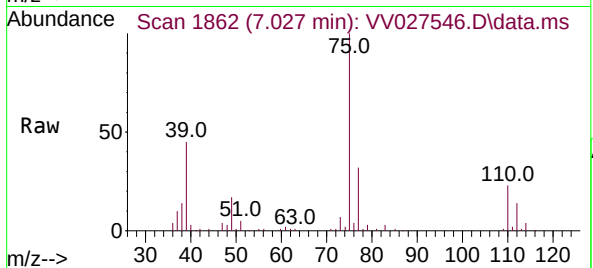
ClientSampleId :

Tgt Ion: 75 Resp: 59415

Ion Ratio Lower Upper

75 100

77 31.6 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 39.823 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV027546.D

Acq: 26 Aug 2022 20:08

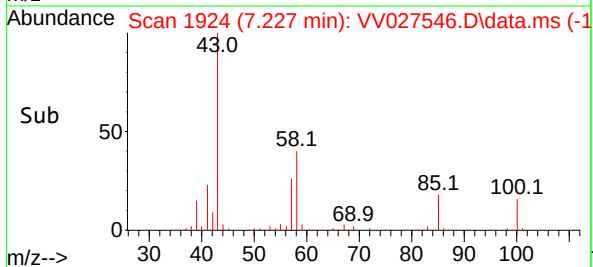
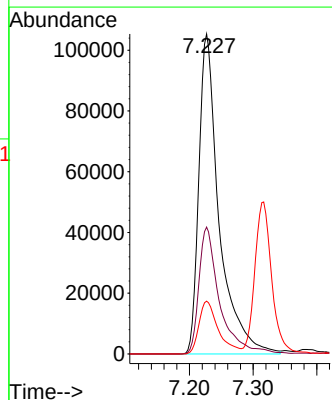
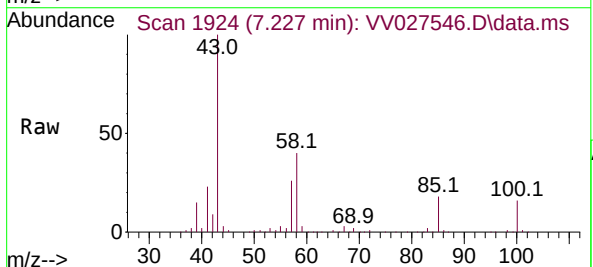
Tgt Ion: 43 Resp: 232802

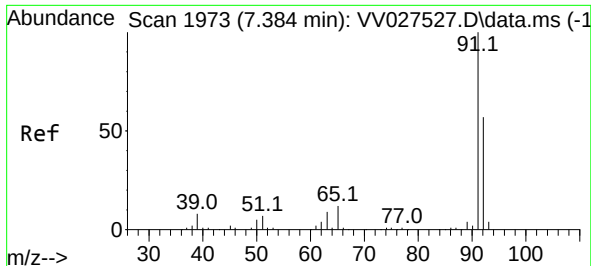
Ion Ratio Lower Upper

43 100

58 40.5 30.6 45.8

100 15.9 11.0 16.4





#42

Toluene

Concen: 4.195 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027546.D

Acq: 26 Aug 2022 20:08

Instrument :

MSVOA_V

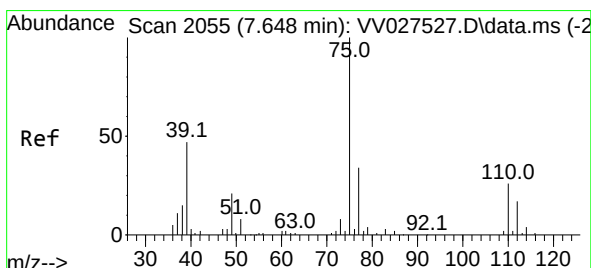
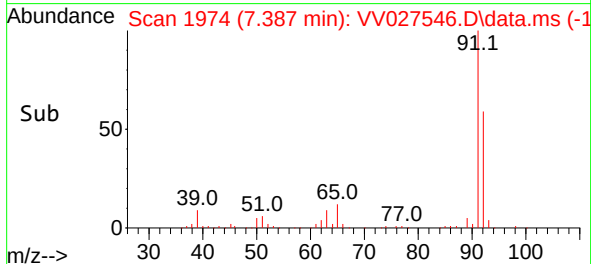
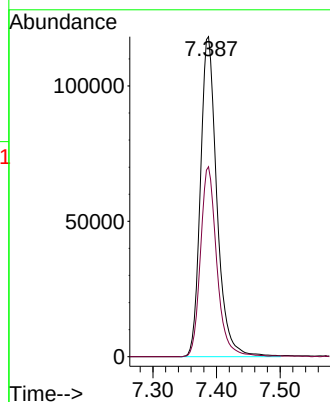
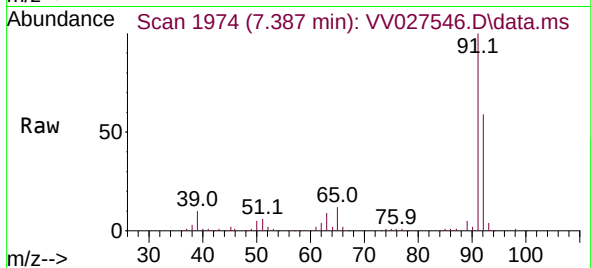
ClientSampleId :

Tgt Ion: 91 Resp: 212504

Ion Ratio Lower Upper

91 100

92 59.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 3.981 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV027546.D

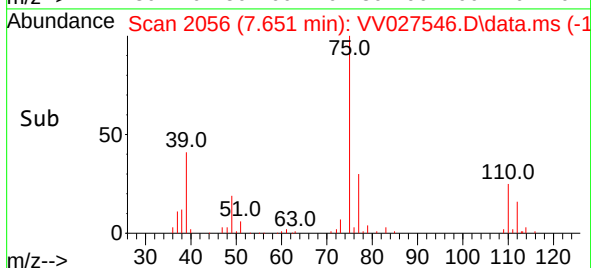
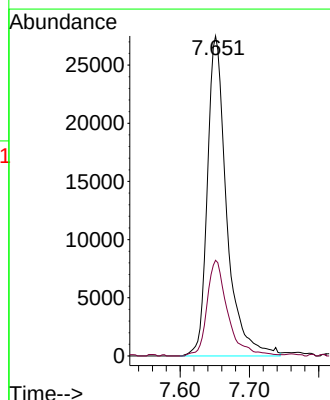
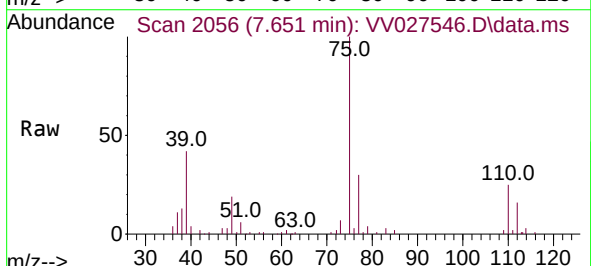
Acq: 26 Aug 2022 20:08

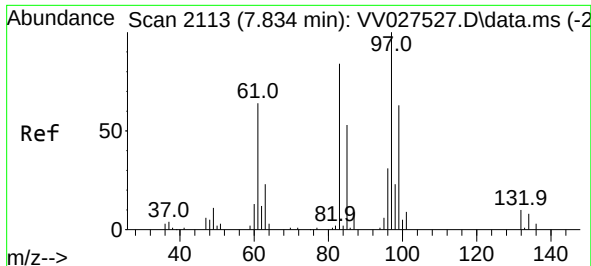
Tgt Ion: 75 Resp: 53090

Ion Ratio Lower Upper

75 100

77 29.9 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 4.250 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.007 min

Lab File: VV027546.D

Acq: 26 Aug 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 35550

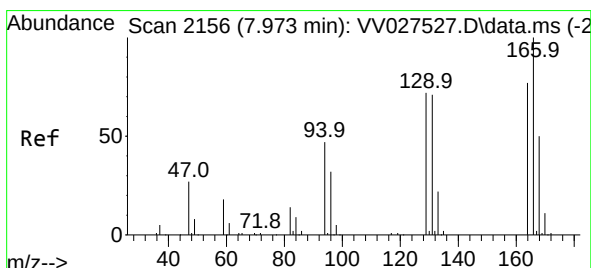
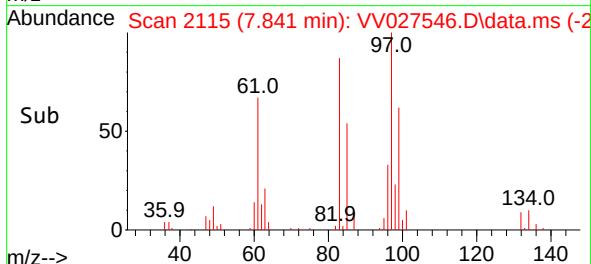
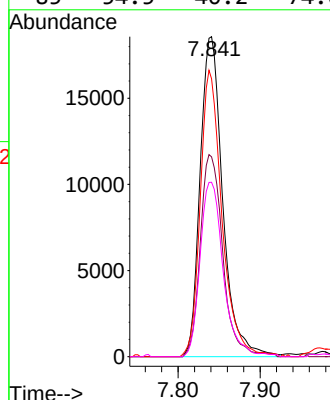
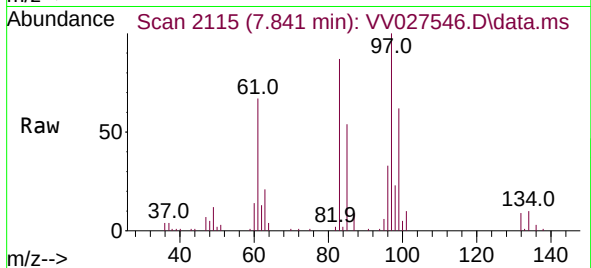
Ion Ratio Lower Upper

97 100

99 62.4 46.1 85.7

83 86.8 63.0 117.0

85 54.5 40.2 74.6



#47

Tetrachloroethene

Concen: 3.956 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027546.D

Acq: 26 Aug 2022 20:08

Tgt Ion:164 Resp: 39802

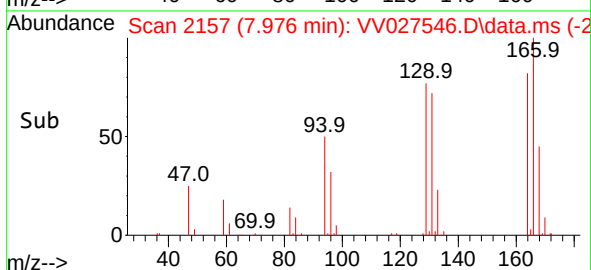
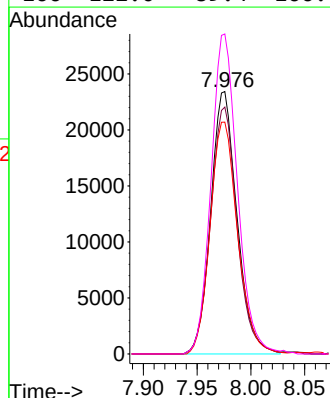
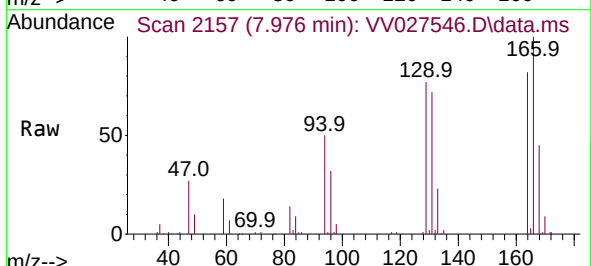
Ion Ratio Lower Upper

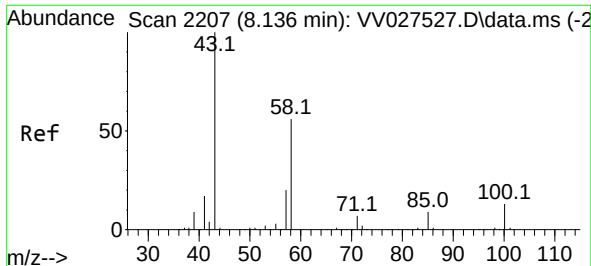
164 100

129 94.1 71.1 132.1

131 88.4 64.5 119.9

166 122.0 89.4 166.0

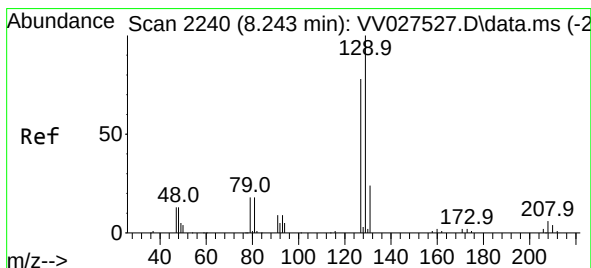
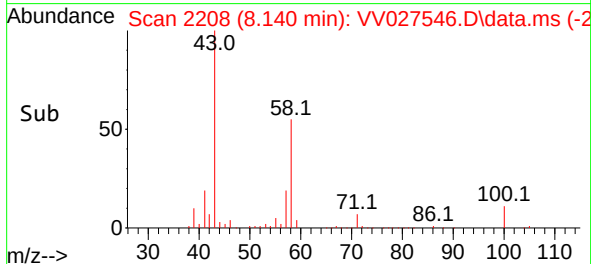
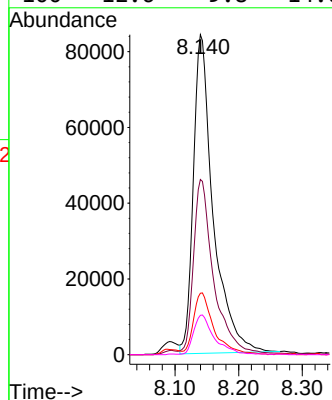
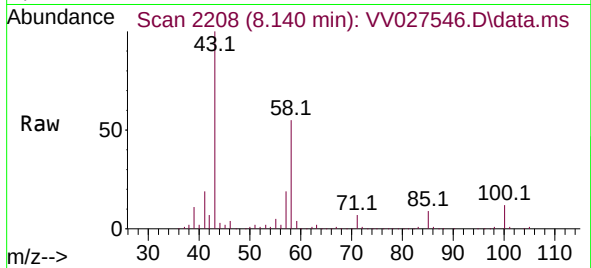




#48
2-Hexanone
Concen: 43.269 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

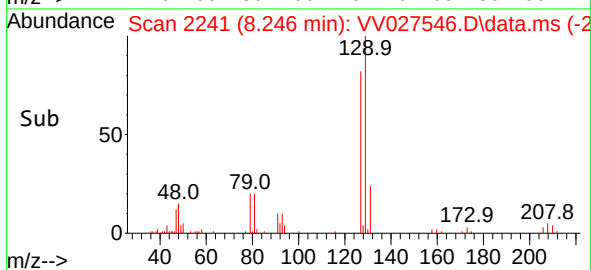
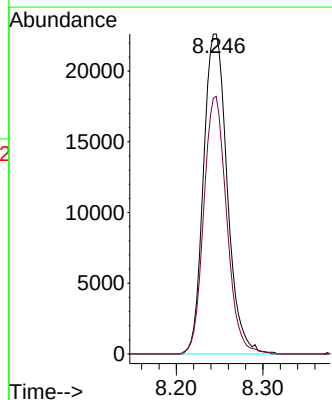
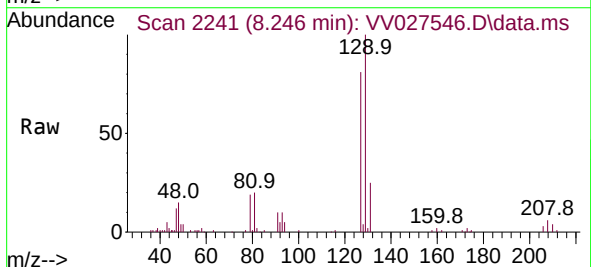
Instrument :
MSVOA_V
ClientSampleId :

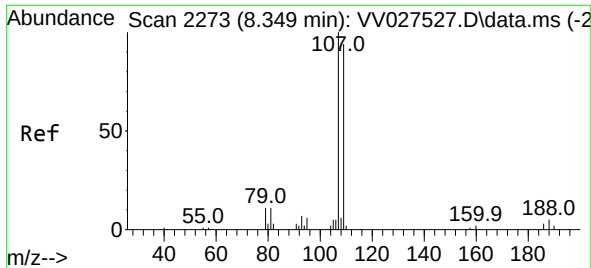
Tgt Ion: 43 Resp: 182265
Ion Ratio Lower Upper
43 100
58 55.4 41.3 61.9
57 20.1 14.9 22.3
100 12.6 9.8 14.6



#49
Dibromochloromethane
Concen: 4.182 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

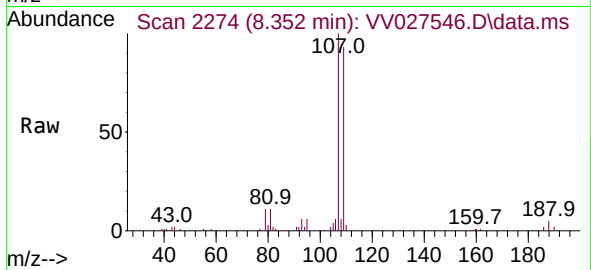
Tgt Ion: 129 Resp: 43025
Ion Ratio Lower Upper
129 100
127 80.5 55.9 103.7



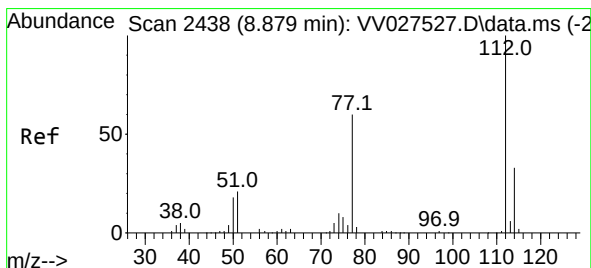
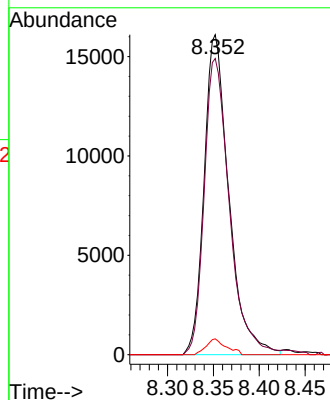
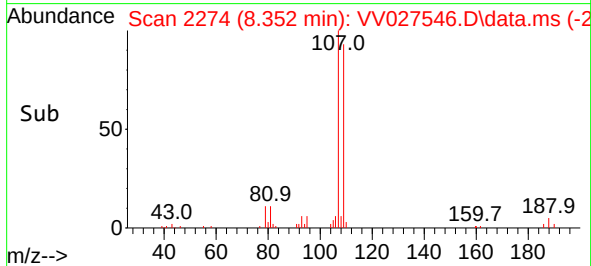


#50
1,2-Dibromoethane
Concen: 4.137 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

Instrument :
MSVOA_V
ClientSampleId :

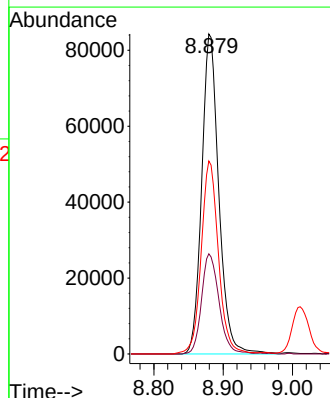
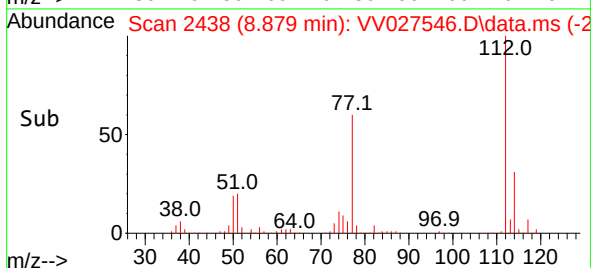
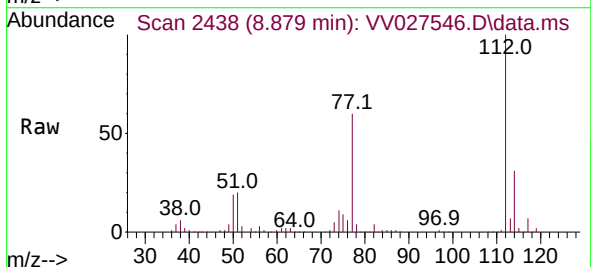


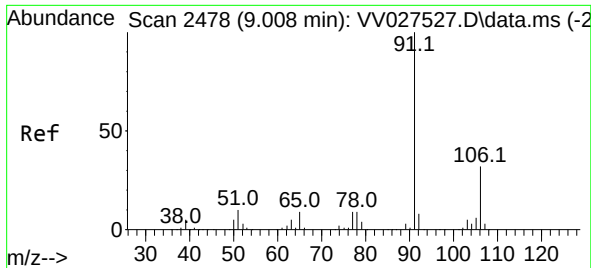
Tgt Ion:107 Resp: 30207
Ion Ratio Lower Upper
107 100
109 92.6 67.8 125.8
188 4.9 3.5 5.3



#51
Chlorobenzene
Concen: 4.406 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

Tgt Ion:112 Resp: 144448
Ion Ratio Lower Upper
112 100
114 31.3 22.7 42.1
77 60.3 46.2 69.4

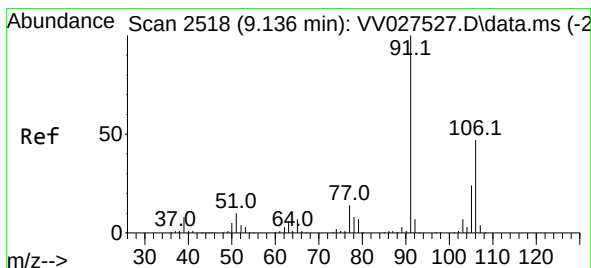
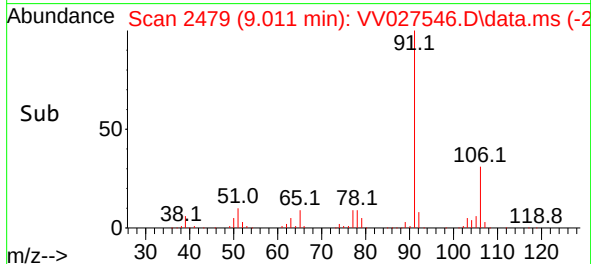
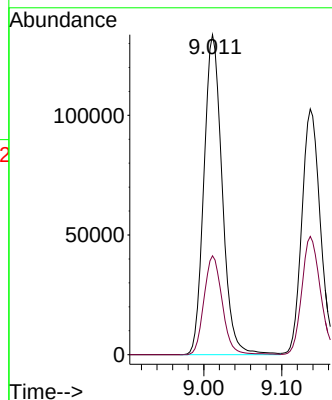
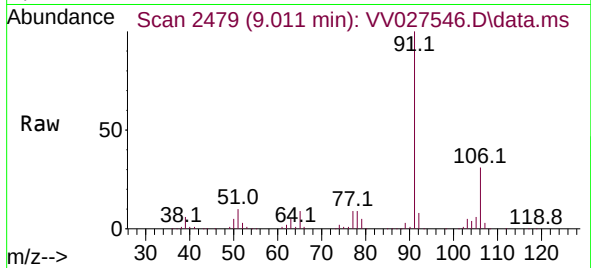




#52
Ethylbenzene
Concen: 4.211 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

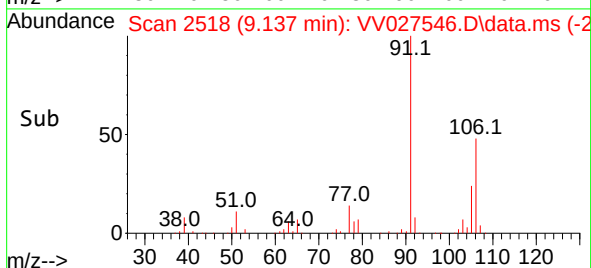
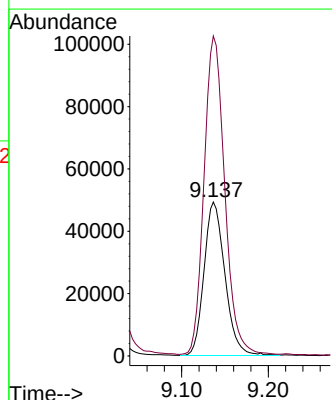
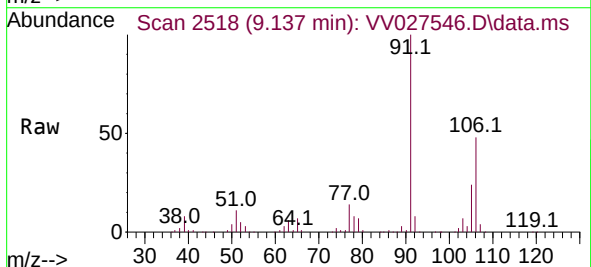
Instrument :
MSVOA_V
ClientSampleId :

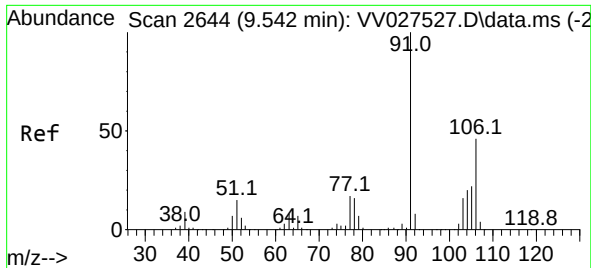
Tgt Ion: 91 Resp: 217728
Ion Ratio Lower Upper
91 100
106 30.9 21.4 39.8



#53
m,p-Xylene
Concen: 4.168 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

Tgt Ion: 106 Resp: 82479
Ion Ratio Lower Upper
106 100
91 207.9 143.8 267.0

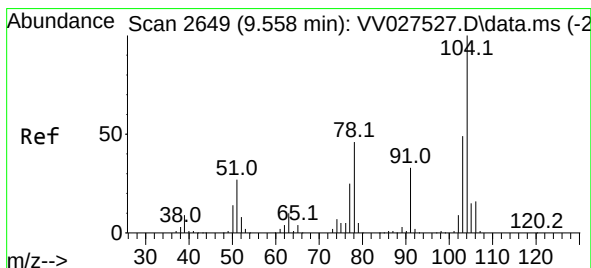
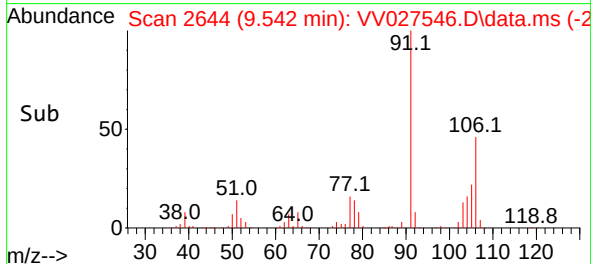
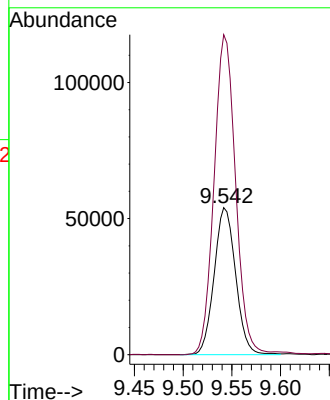
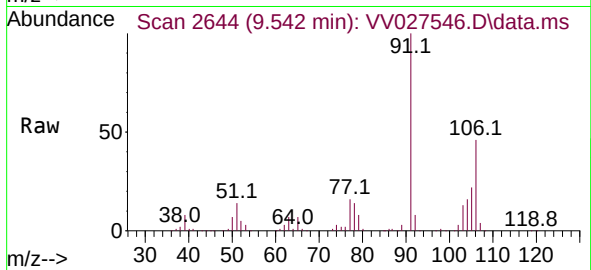




#54
o-Xylene
Concen: 4.320 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

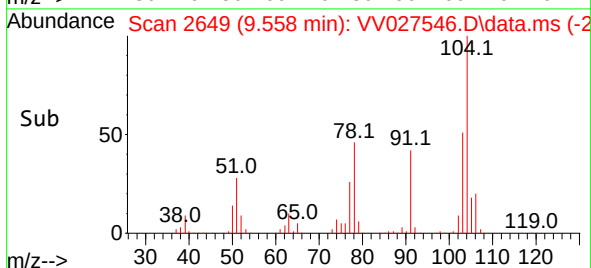
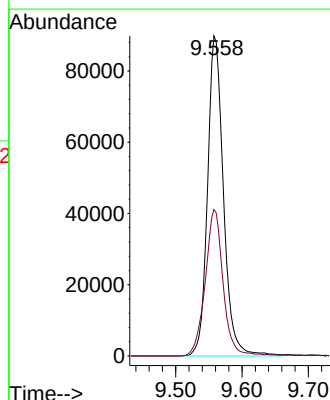
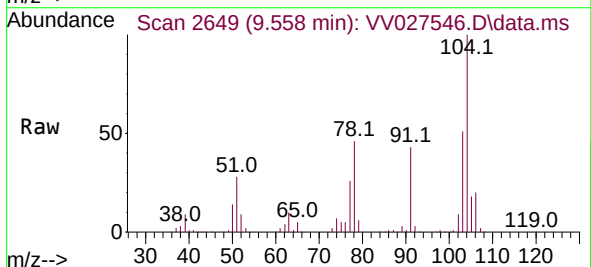
Instrument :
MSVOA_V
ClientSampleId :

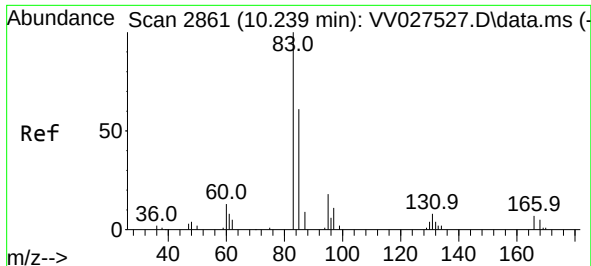
Tgt Ion:106 Resp: 82910
Ion Ratio Lower Upper
106 100
91 217.6 151.6 281.6



#55
Styrene
Concen: 4.606 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

Tgt Ion:104 Resp: 150394
Ion Ratio Lower Upper
104 100
78 45.7 32.0 59.4

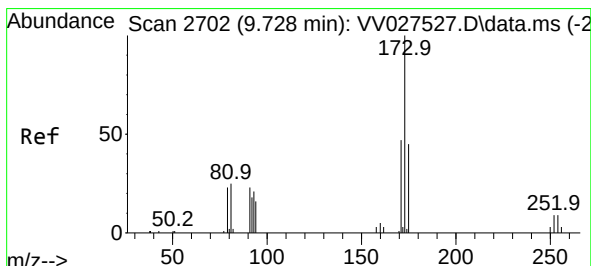
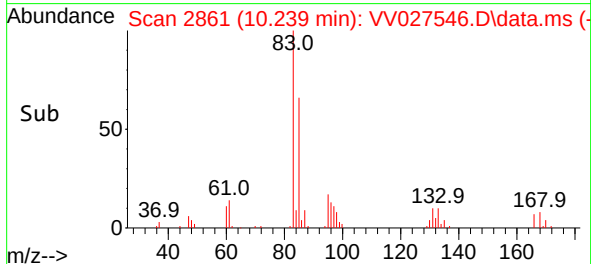
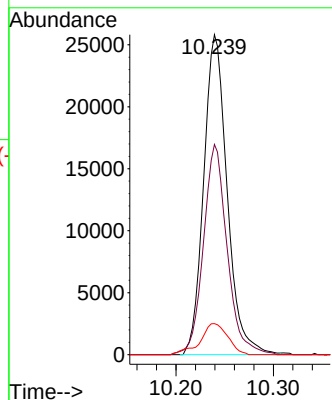
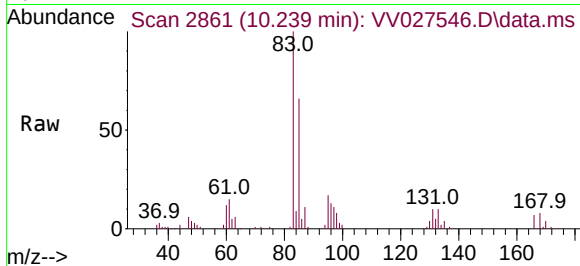




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.588 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV027546.D
 Acq: 26 Aug 2022 20:08

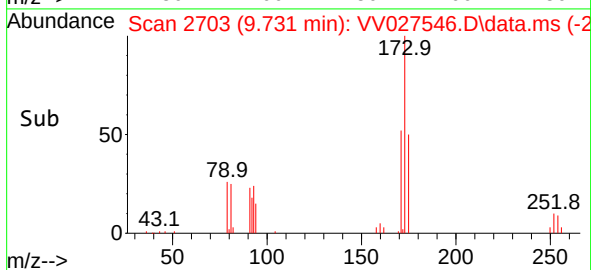
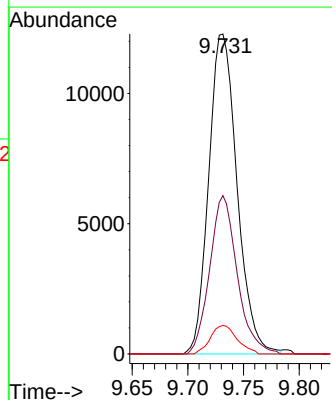
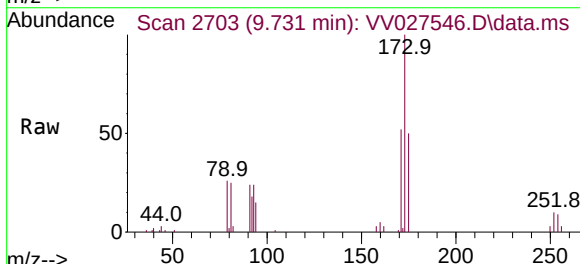
Instrument :
 MSVOA_V
 ClientSampleId :

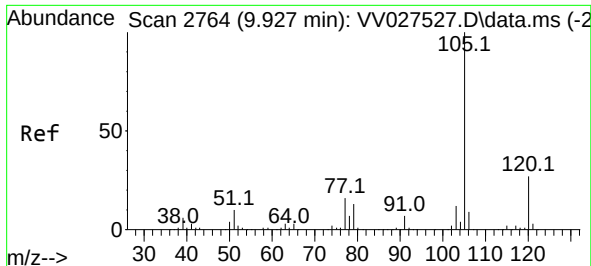
Tgt Ion:	83	Resp:	43229
Ion	Ratio	Lower	Upper
83	100		
85	65.7	44.1	81.9
131	9.7	7.3	10.9



#59
 Bromoform
 Concen: 4.422 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV027546.D
 Acq: 26 Aug 2022 20:08

Tgt Ion:	173	Resp:	21740
Ion	Ratio	Lower	Upper
173	100		
175	47.9	39.0	58.6
254	8.4	7.1	10.7

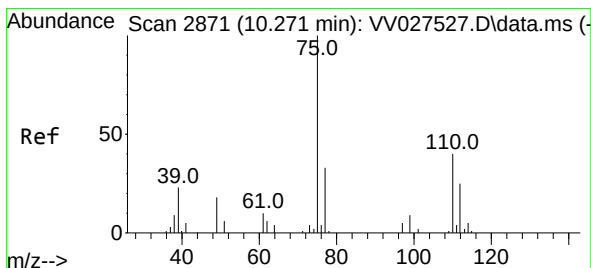
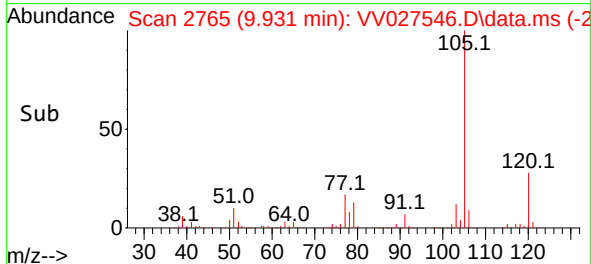
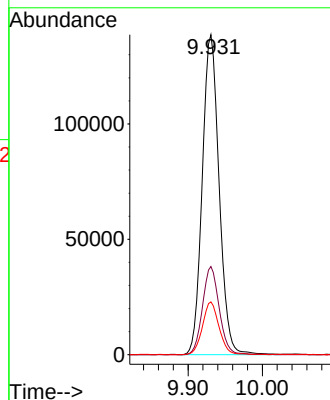
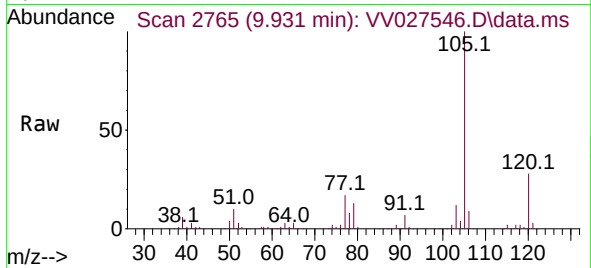




#60
Isopropylbenzene
Concen: 4.530 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

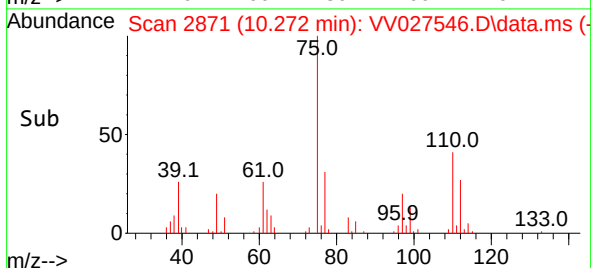
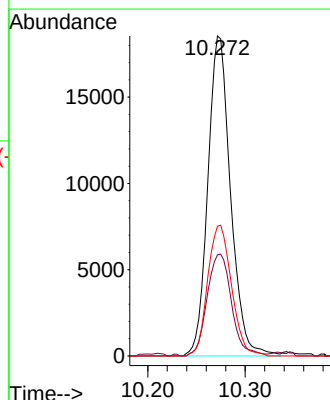
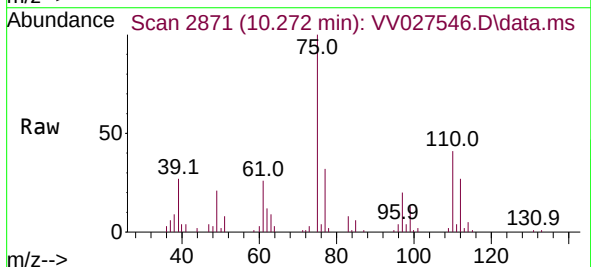
Instrument :
MSVOA_V
ClientSampleId :

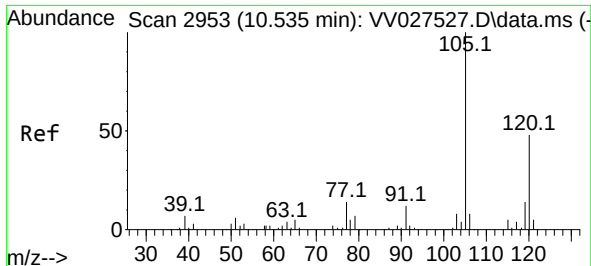
Tgt Ion:105 Resp: 218667
Ion Ratio Lower Upper
105 100
120 27.3 20.9 31.3
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.667 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

Tgt Ion: 75 Resp: 30037
Ion Ratio Lower Upper
75 100
77 34.1 26.2 39.2
110 42.8 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 4.560 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV027546.D

Acq: 26 Aug 2022 20:08

Instrument :

MSVOA_V

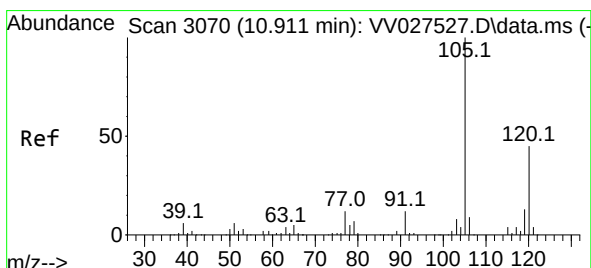
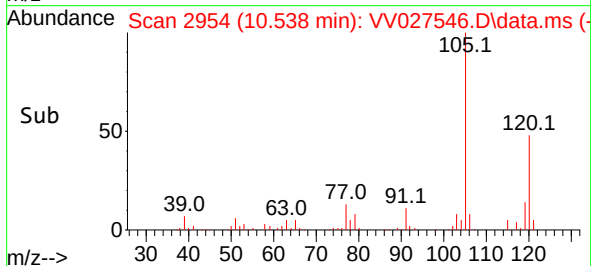
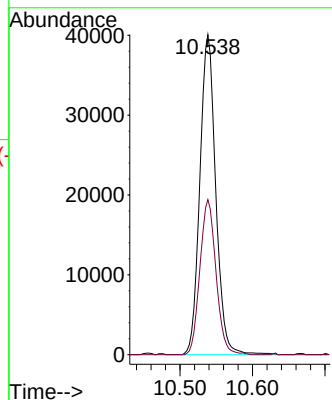
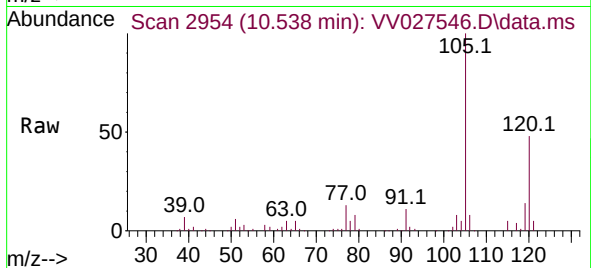
ClientSampleId :

Tgt Ion:105 Resp: 61041

Ion Ratio Lower Upper

105 100

120 48.9 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.417 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV027546.D

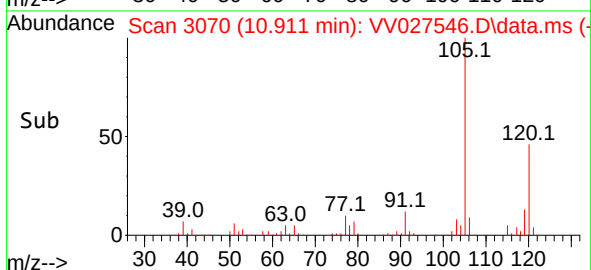
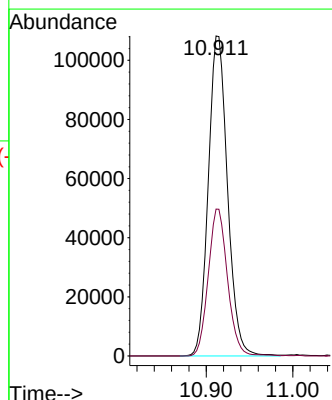
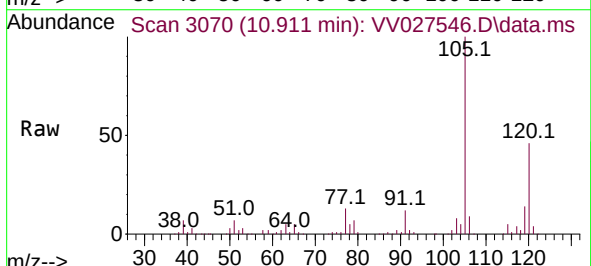
Acq: 26 Aug 2022 20:08

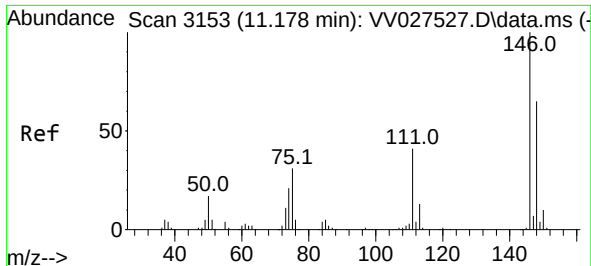
Tgt Ion:105 Resp: 166550

Ion Ratio Lower Upper

105 100

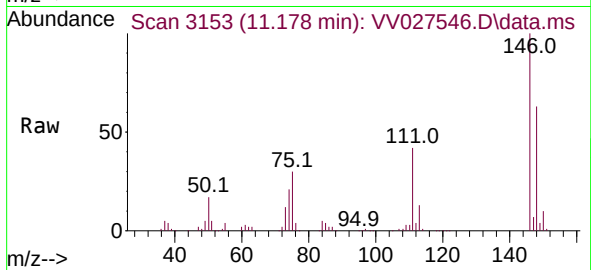
120 46.2 35.8 53.6



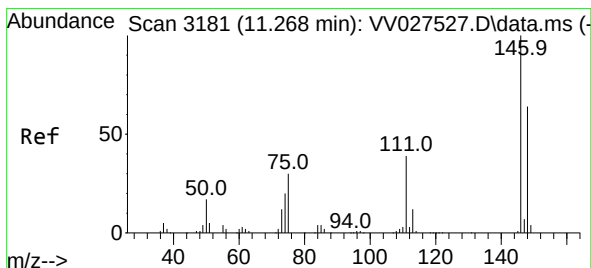
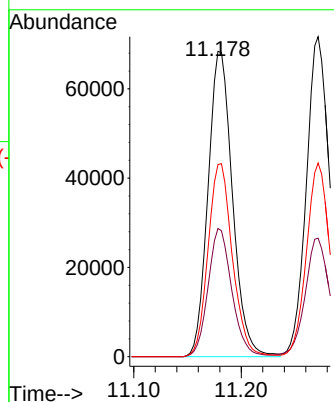
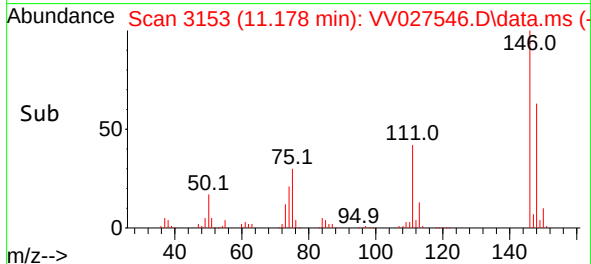


#64
1,3-Dichlorobenzene
Concen: 4.545 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

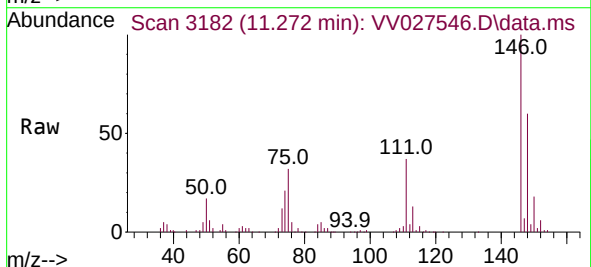
Instrument :
MSVOA_V
ClientSampleId :



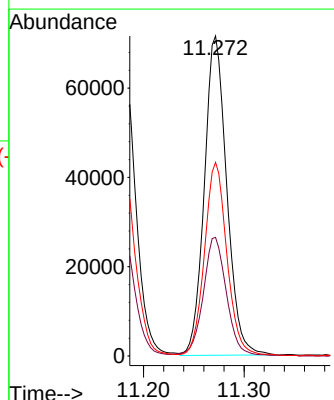
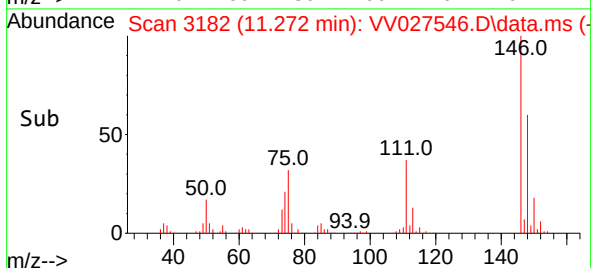
Tgt Ion:146 Resp: 108100
Ion Ratio Lower Upper
146 100
111 42.0 28.8 53.4
148 63.0 44.0 81.6

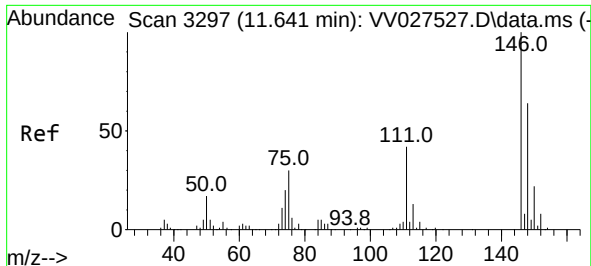


#65
1,4-Dichlorobenzene
Concen: 4.670 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08



Tgt Ion:146 Resp: 110725
Ion Ratio Lower Upper
146 100
111 37.1 26.6 49.4
148 60.5 42.6 79.0

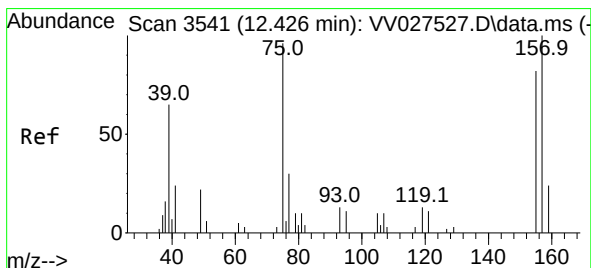
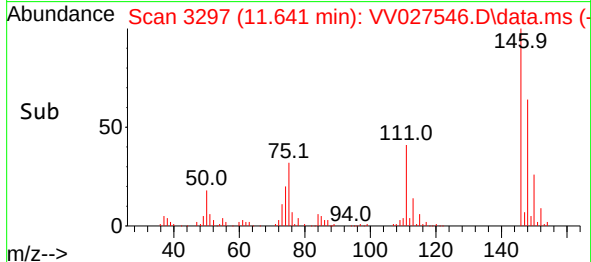
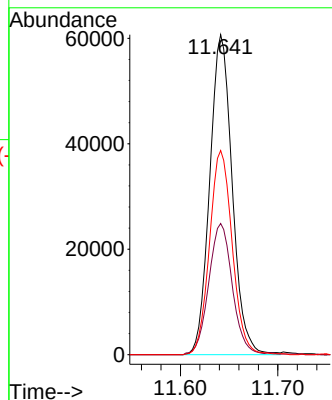
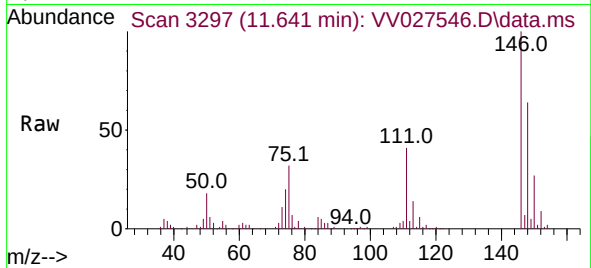




#67
1,2-Dichlorobenzene
Concen: 4.515 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

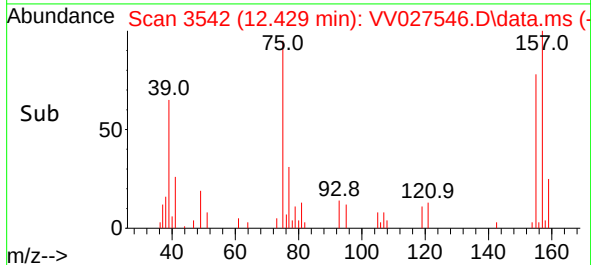
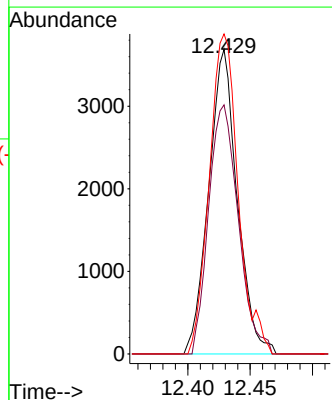
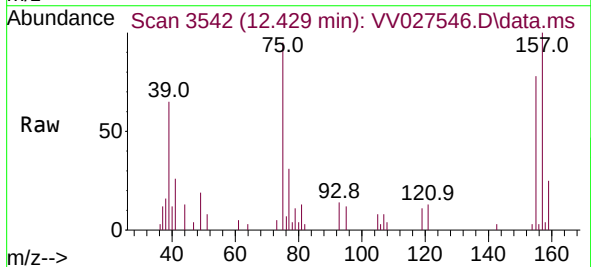
Instrument :
MSVOA_V
ClientSampleId :

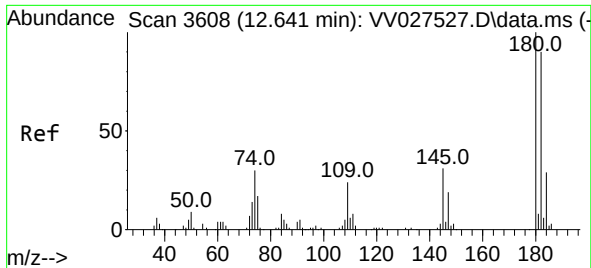
Tgt Ion:146 Resp: 97360
Ion Ratio Lower Upper
146 100
111 41.0 34.5 51.7
148 63.8 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.115 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV027546.D
Acq: 26 Aug 2022 20:08

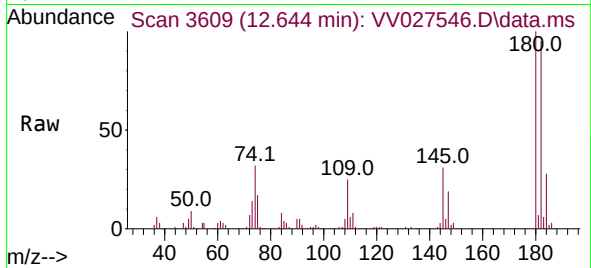
Tgt Ion: 75 Resp: 5884
Ion Ratio Lower Upper
75 100
155 81.8 63.1 94.7
157 105.1 81.8 122.8



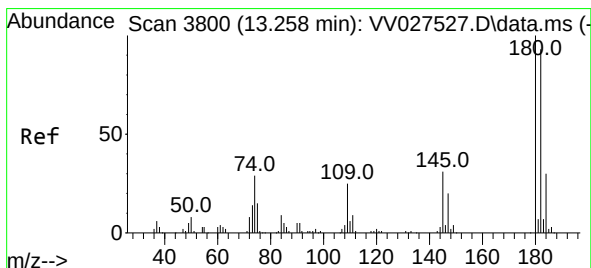
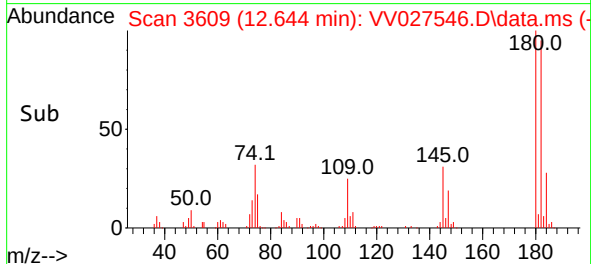
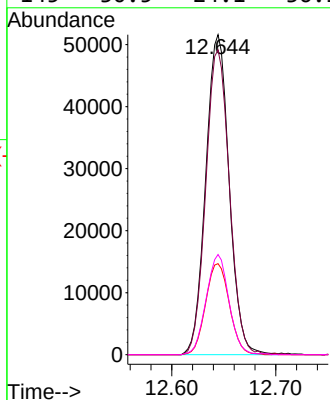


#69
 1,3,5-Trichlorobenzene
 Concen: 4.550 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV027546.D
 Acq: 26 Aug 2022 20:08

Instrument :
 MSVOA_V
 ClientSampleId :

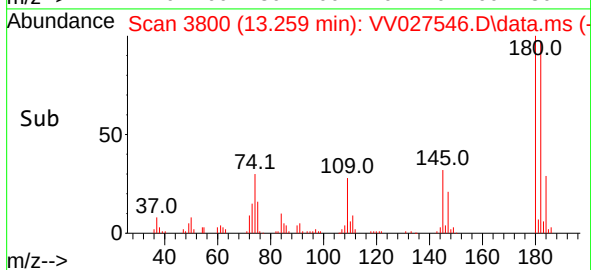
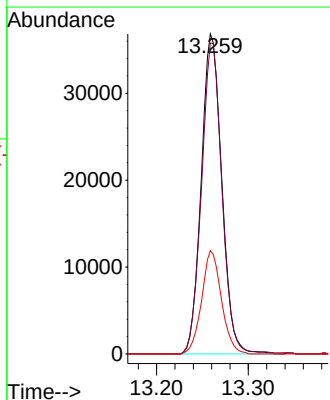
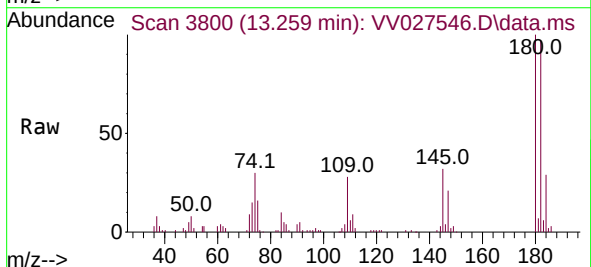


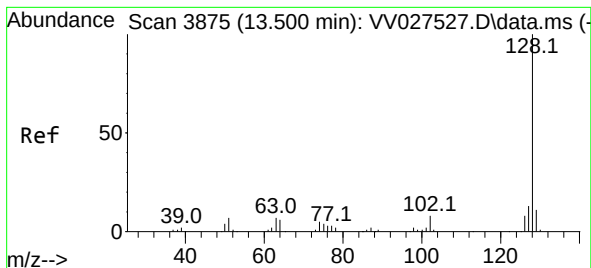
Tgt Ion:180 Resp: 80775
 Ion Ratio Lower Upper
 180 100
 182 96.2 74.1 111.1
 184 28.8 23.2 34.8
 145 30.5 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.430 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027546.D
 Acq: 26 Aug 2022 20:08

Tgt Ion:180 Resp: 57144
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.0 114.0
 145 31.1 24.9 37.3





#71

Naphthalene

Concen: 4.159 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027546.D

Acq: 26 Aug 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

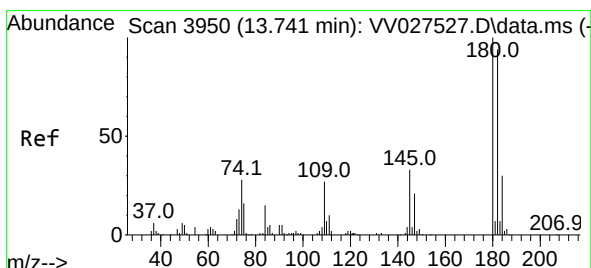
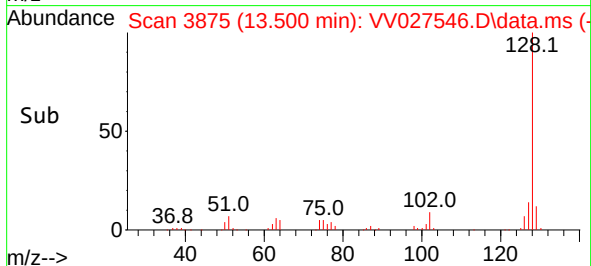
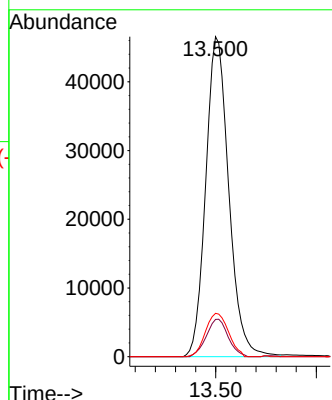
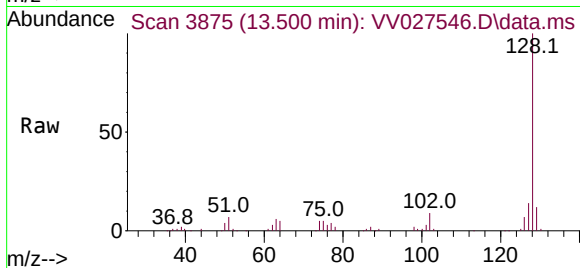
Tgt Ion:128 Resp: 74068

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.5 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.485 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027546.D

Acq: 26 Aug 2022 20:08

Tgt Ion:180 Resp: 51386

Ion Ratio Lower Upper

180 100

182 92.8 75.3 112.9

145 33.5 26.6 39.8

