

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027507.D
 Acq On : 25 Aug 2022 20:17
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 01:02:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 00:58:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	125779	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	125463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68930	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38011	4.246	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.565	69	33646	5.136	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.105	63	93992	4.503	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	3.899	46	34320	30.807	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.620%
24) Chloroform-d	4.346	84	82968	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.034	65	35924	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.047	84	145328	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.069	67	40700	4.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.313	98	139427	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.625	79	13566	3.922	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.092	63	51173	44.938	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.880%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29768	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	43857	4.292	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	67888	5.087	ug/L	99
3) Chloromethane	1.240	50	63574	5.455	ug/L	97
5) Vinyl chloride	1.307	62	65433	5.577	ug/L	98
6) Bromomethane	1.519	94	31599	5.447	ug/L	99
8) Chloroethane	1.581	64	40229	5.867	ug/L	99
9) Trichlorofluoromethane	1.751	101	102632	5.506	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	55179	5.244	ug/L	96
12) 1,1-Dichloroethene	2.114	96	50137	5.268	ug/L	96
13) Acetone	2.172	43	18583	17.467	ug/L	94
14) Carbon disulfide	2.291	76	115398	4.418	ug/L	98
15) Methyl Acetate	2.433	43	14333	4.865	ug/L #	81
16) Methylene chloride	2.503	84	52111	3.632	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	96911	4.922	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	46879	4.781	ug/L	99
19) 1,1-Dichloroethane	3.185	63	96396	4.749	ug/L	99
21) 2-Butanone	3.979	43	74600	52.688	ug/L	90
22) cis-1,2-Dichloroethene	3.908	96	49967	4.782	ug/L	99
23) Bromochloromethane	4.249	128	24253	5.264	ug/L #	86
25) Chloroform	4.371	83	108093	4.898	ug/L	99

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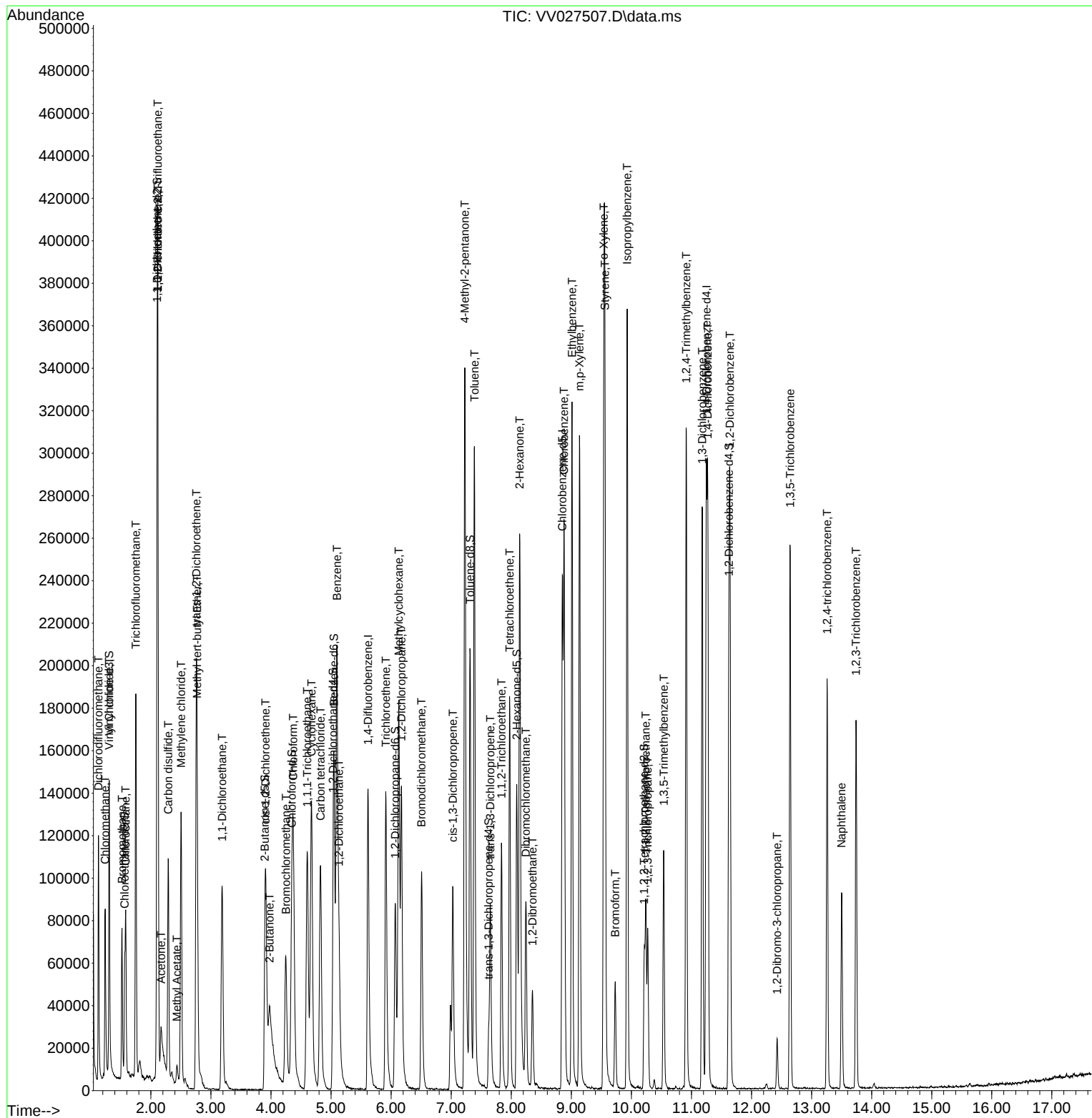
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	59690	5.323	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	95924	4.981	ug/L	98
30) Cyclohexane	4.674	56	67914	4.594	ug/L	97
31) Carbon tetrachloride	4.825	117	83151	4.965	ug/L	98
33) Benzene	5.098	78	210927	5.056	ug/L	100
34) Trichloroethene	5.912	95	51960	4.733	ug/L	98
35) Methylcyclohexane	6.127	83	70736	4.581	ug/L	96
37) 1,2-Dichloropropane	6.172	63	54632	4.912	ug/L	98
38) Bromodichloromethane	6.506	83	71219	5.051	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	59961	4.471	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	242211	48.745	ug/L	97
42) Toluene	7.387	91	224793	5.221	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	51424	4.536	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	36033	5.068	ug/L	92
47) Tetrachloroethene	7.973	164	42482	4.967	ug/L	97
48) 2-Hexanone	8.140	43	176150	49.198	ug/L	97
49) Dibromochloromethane	8.243	129	45411	5.193	ug/L	93
50) 1,2-Dibromoethane	8.352	107	31318	5.047	ug/L	94
51) Chlorobenzene	8.879	112	137587	4.937	ug/L	99
52) Ethylbenzene	9.011	91	215719	4.908	ug/L	100
53) m,p-Xylene	9.137	106	84842	5.045	ug/L	100
54) o-Xylene	9.542	106	81594	5.002	ug/L	99
55) Styrene	9.561	104	146440	5.276	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	40803	5.095	ug/L	99
59) Bromoform	9.731	173	22188	4.803	ug/L	100
60) Isopropylbenzene	9.931	105	222110	4.897	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	29152	4.821	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	59105	4.700	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	165642	4.675	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	109018	4.879	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	106636	4.787	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	98891	4.881	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6225	4.633	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	77072	4.621	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	55331	4.565	ug/L	100
71) Naphthalene	13.500	128	73318	4.382	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	50459	4.687	ug/L	97

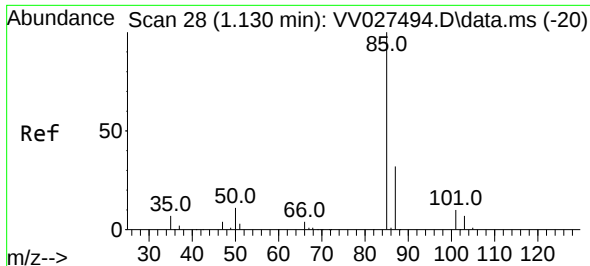
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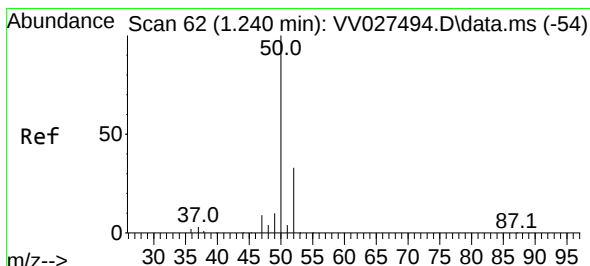
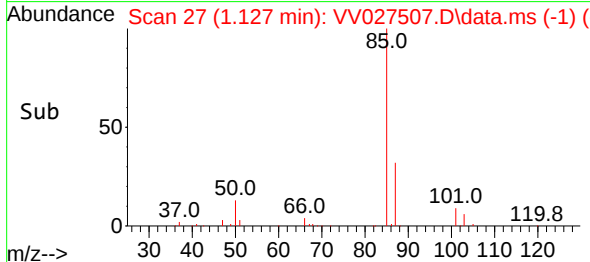
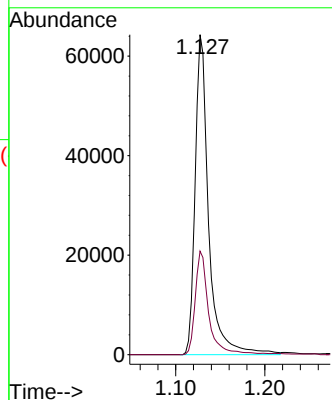
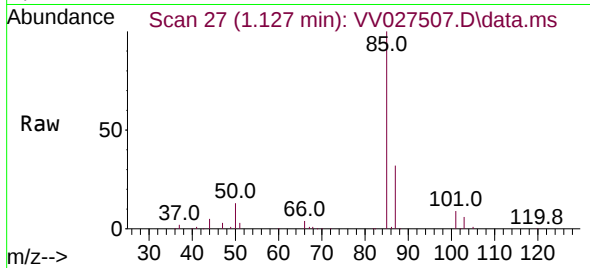




#2
 Dichlorodifluoromethane
 Concen: 5.087 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV027507.D
 Acq: 25 Aug 2022 20:17

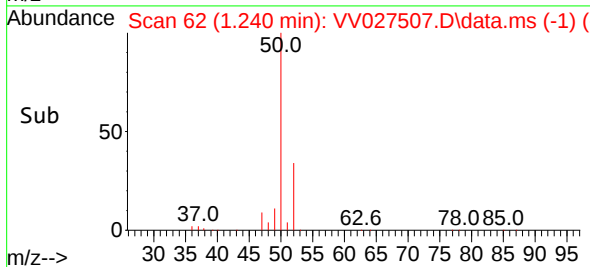
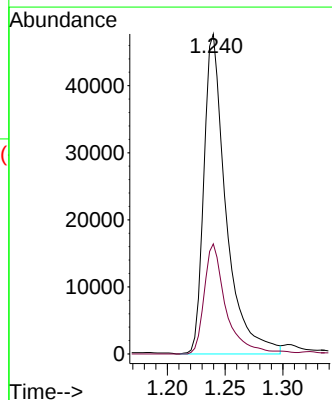
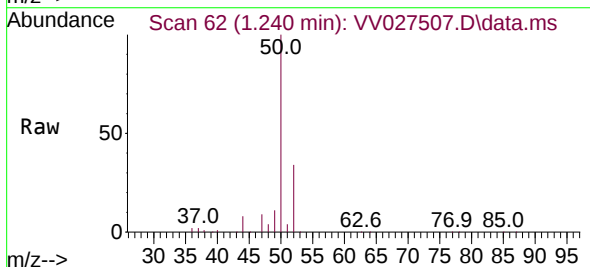
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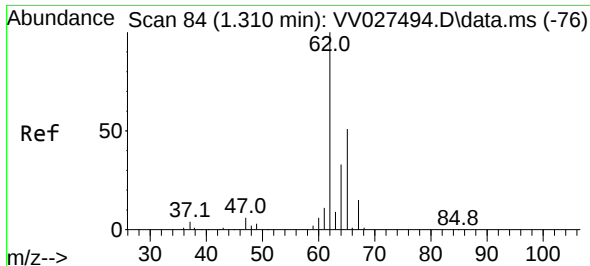
Tgt Ion: 85 Resp: 67888
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.0 39.0



#3
 Chloromethane
 Concen: 5.455 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027507.D
 Acq: 25 Aug 2022 20:17

Tgt Ion: 50 Resp: 63574
 Ion Ratio Lower Upper
 50 100
 52 34.4 22.8 42.4

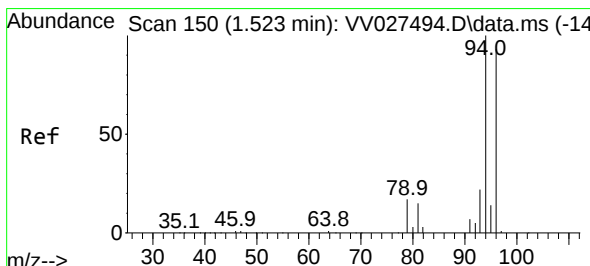
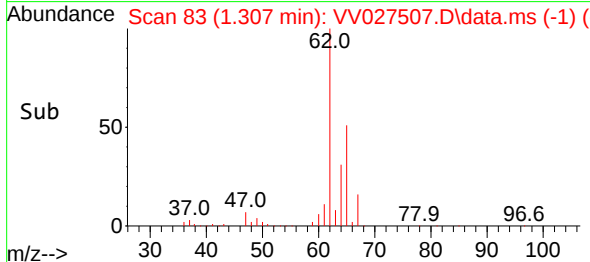
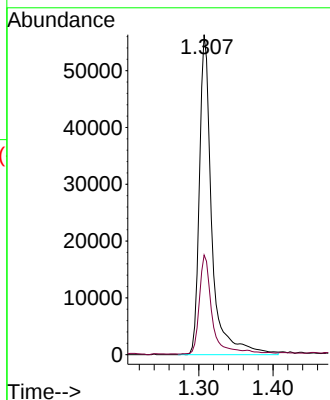
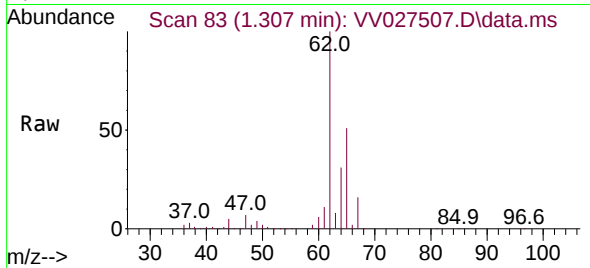




#5
 Vinyl chloride
 Concen: 5.577 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027507.D
 Acq: 25 Aug 2022 20:17

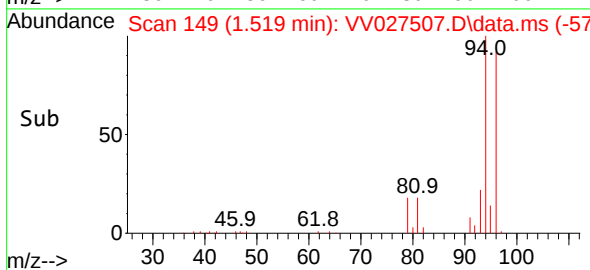
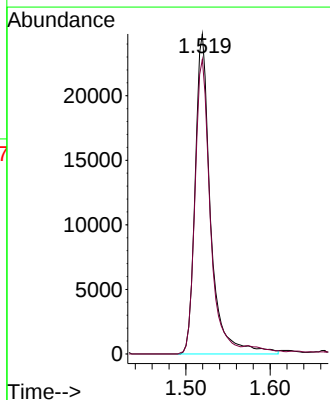
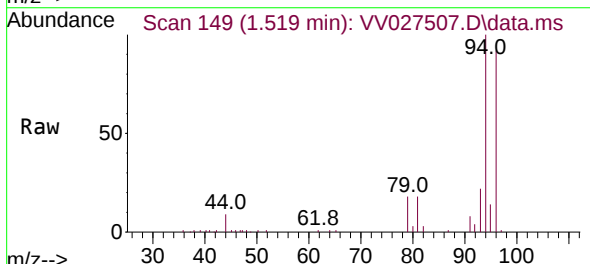
Instrument :
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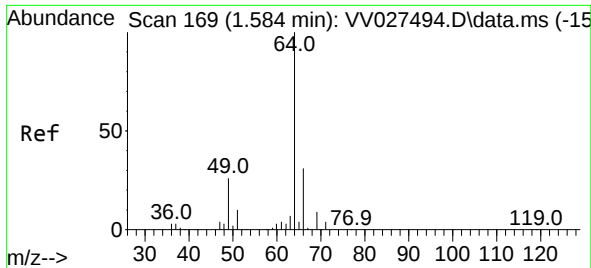
Tgt Ion: 62 Resp: 65433
 Ion Ratio Lower Upper
 62 100
 64 31.2 22.6 42.0



#6
 Bromomethane
 Concen: 5.447 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV027507.D
 Acq: 25 Aug 2022 20:17

Tgt Ion: 94 Resp: 31599
 Ion Ratio Lower Upper
 94 100
 96 92.1 65.2 121.0

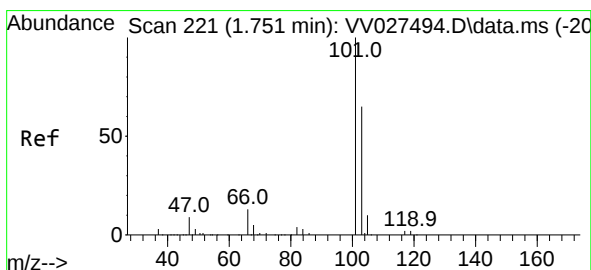
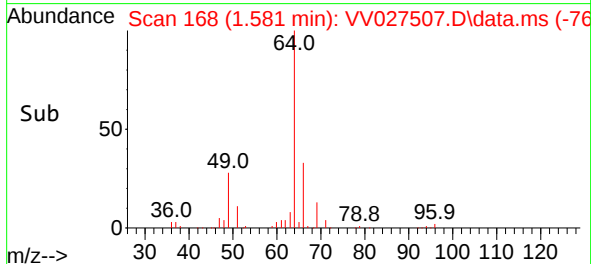
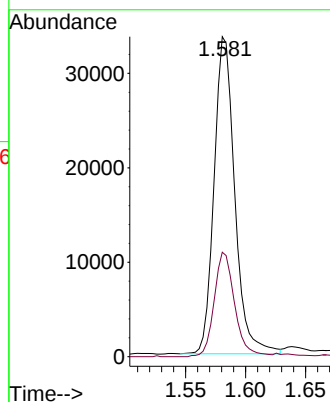
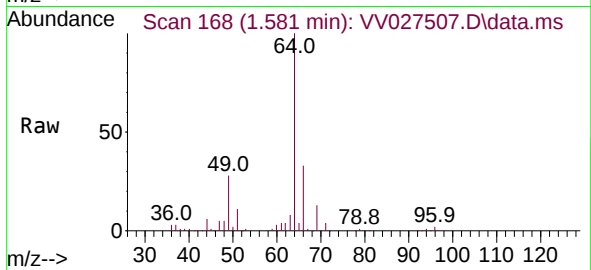




#8
Chloroethane
Concen: 5.867 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

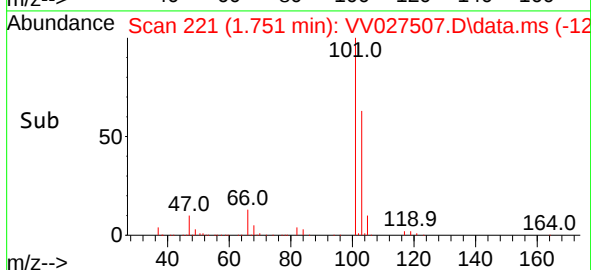
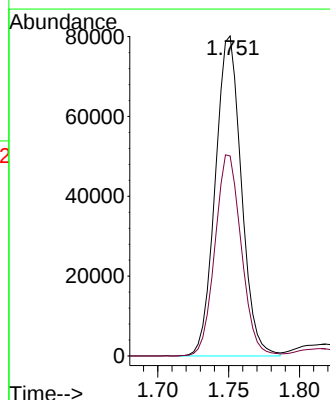
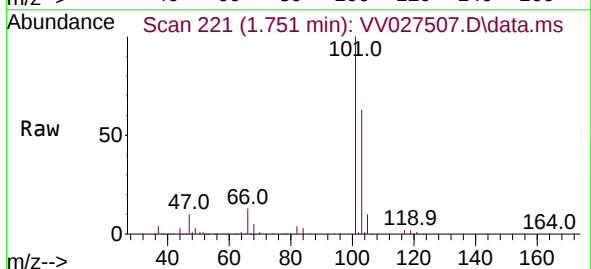
Instrument :
MSVOA_V
ClientSampleId :

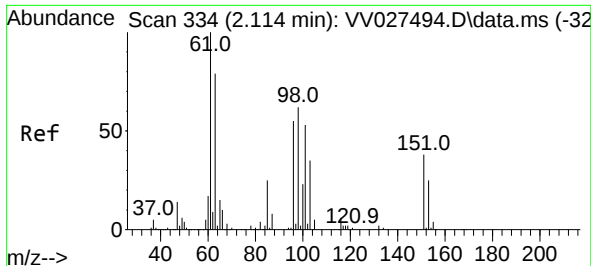
Tgt Ion: 64 Resp: 40229
Ion Ratio Lower Upper
64 100
66 32.7 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.506 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

Tgt Ion:101 Resp: 102632
Ion Ratio Lower Upper
101 100
103 63.6 51.5 77.3

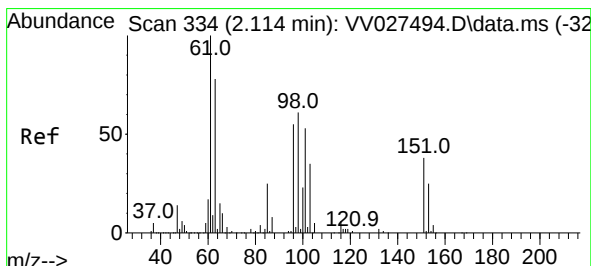
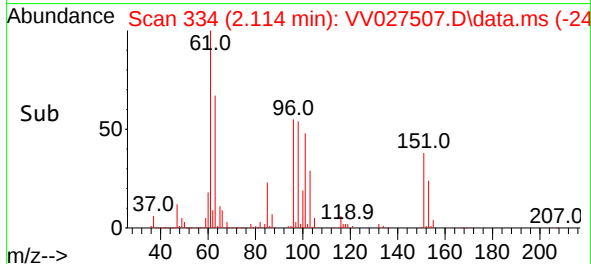
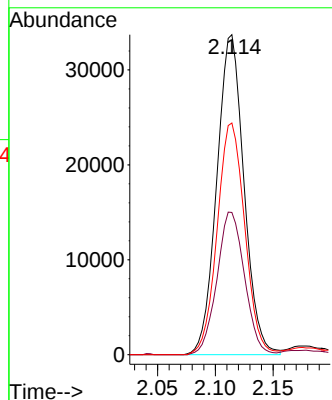
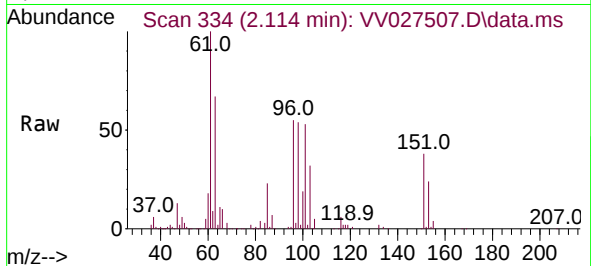




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.244 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

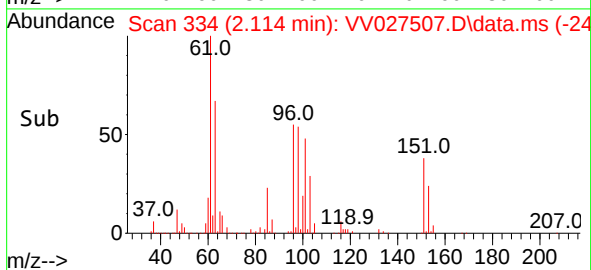
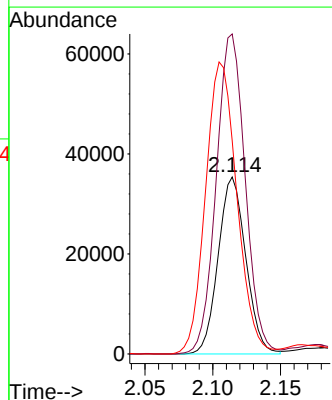
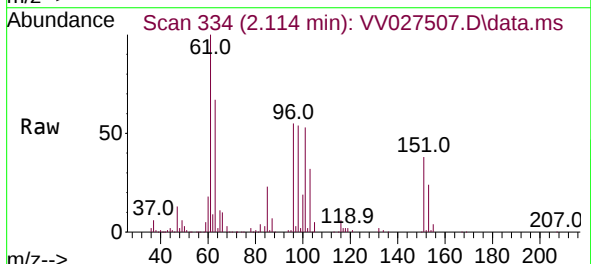
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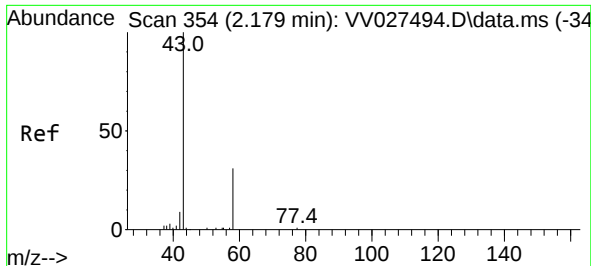
Tgt Ion:101 Resp: 55179
Ion Ratio Lower Upper
101 100
85 45.1 35.3 52.9
151 73.4 55.2 82.8



#12
1,1-Dichloroethene
Concen: 5.268 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

Tgt Ion: 96 Resp: 50137
Ion Ratio Lower Upper
96 100
61 180.9 130.2 241.8
63 120.6 87.4 162.4

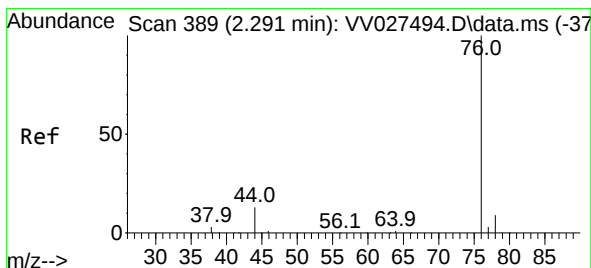
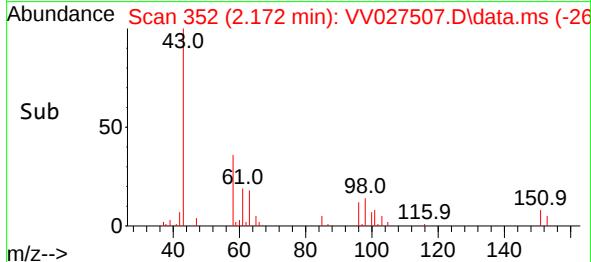
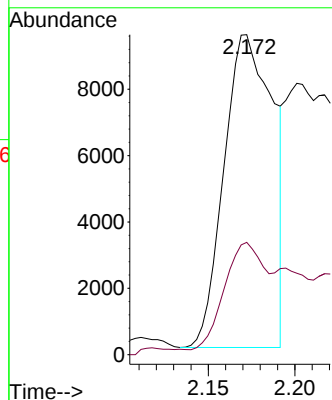
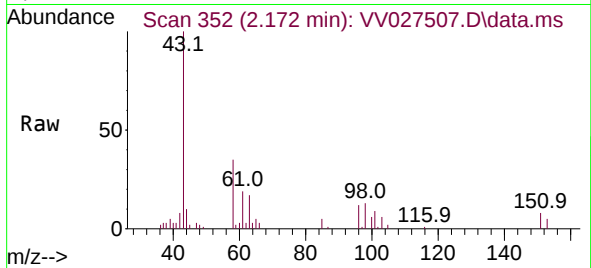




#13
Acetone
Concen: 17.467 ug/L
RT: 2.172 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

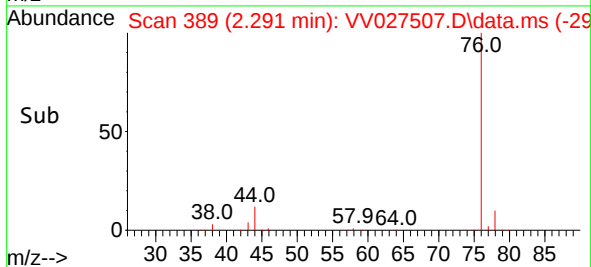
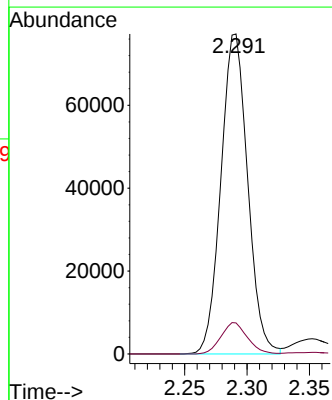
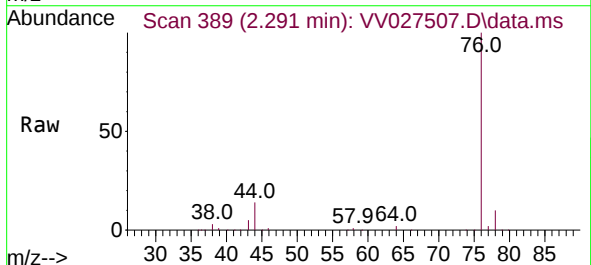
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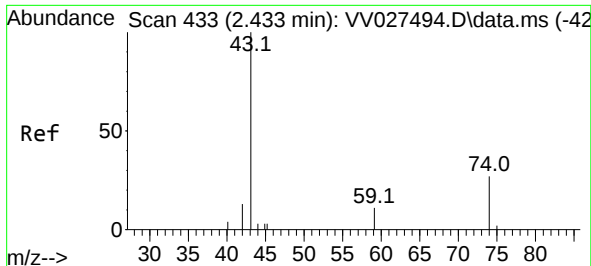
Tgt Ion: 43 Resp: 18583
Ion Ratio Lower Upper
43 100
58 28.0 0.0 62.2



#14
Carbon disulfide
Concen: 4.418 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 115398
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

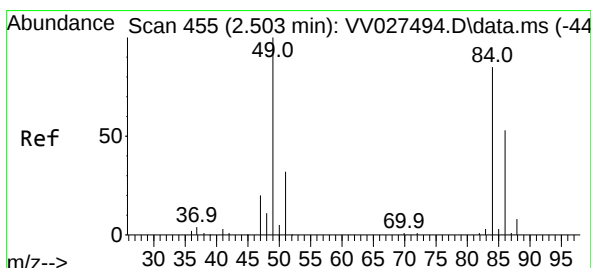
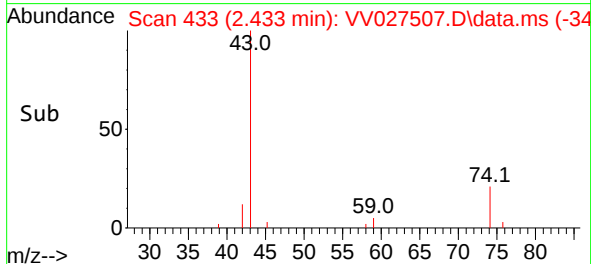
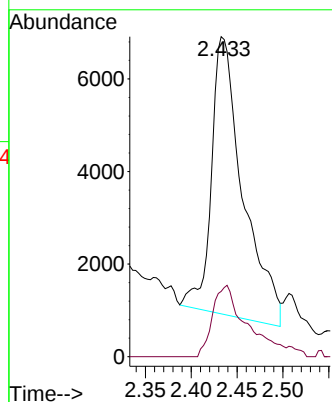
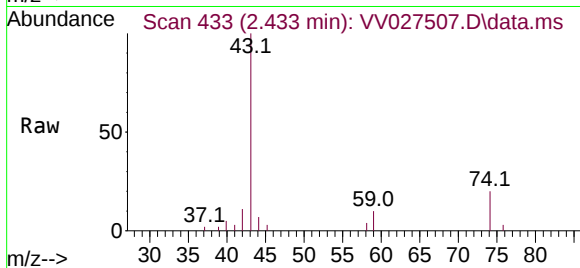




#15
Methyl Acetate
Concen: 4.865 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

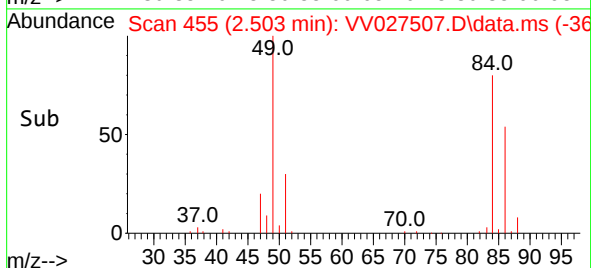
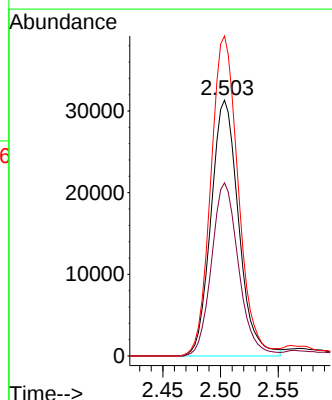
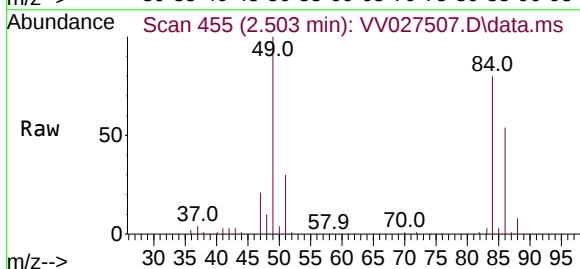
Instrument :
MSVOA_V
ClientSampleId :

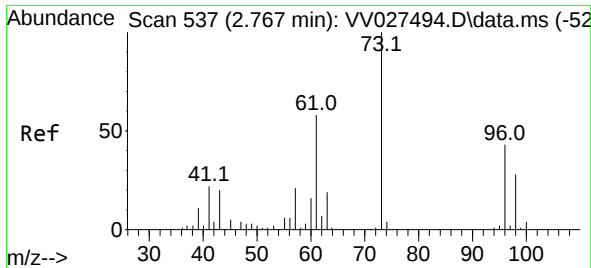
Tgt Ion: 43 Resp: 14333
Ion Ratio Lower Upper
43 100
74 29.2 16.3 24.5#



#16
Methylene chloride
Concen: 3.632 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

Tgt Ion: 84 Resp: 52111
Ion Ratio Lower Upper
84 100
86 67.7 44.0 81.6
49 125.1 89.4 166.0

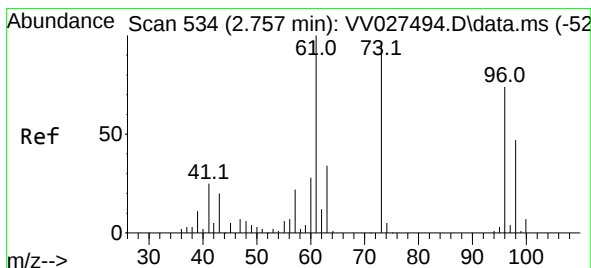
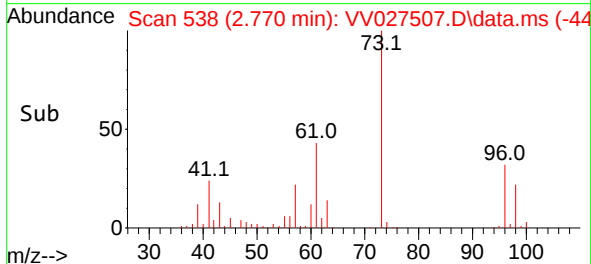
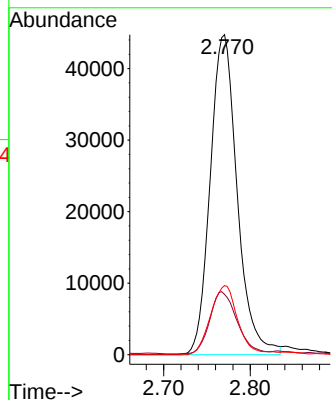
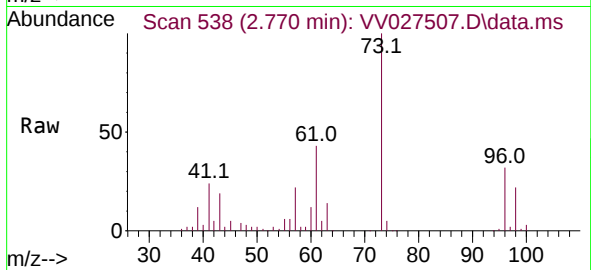




#17
Methyl tert-butyl Ether
Concen: 4.922 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

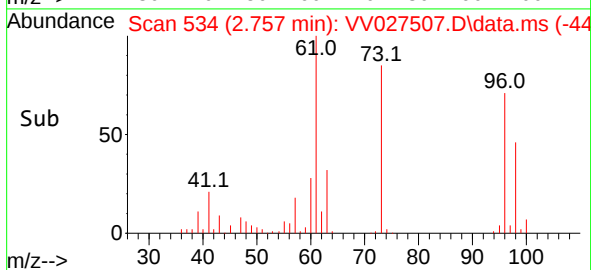
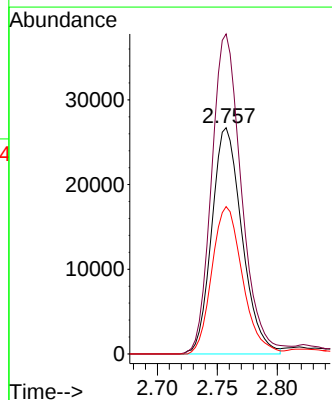
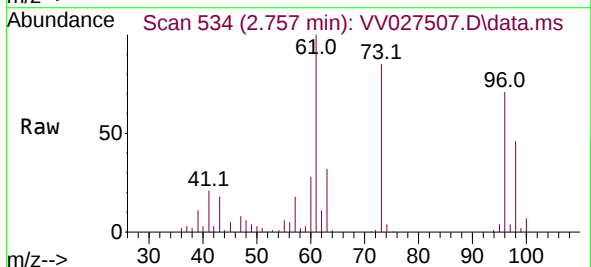
Instrument :
MSVOA_V
ClientSampleId :

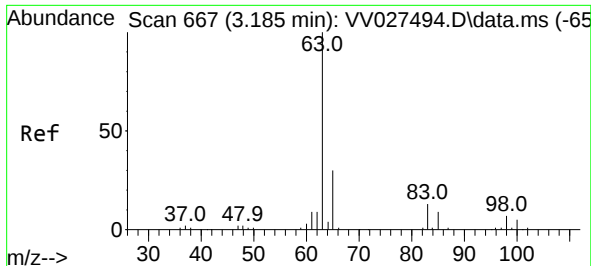
Tgt Ion: 73 Resp: 96911
Ion Ratio Lower Upper
73 100
43 19.7 15.6 23.4
57 21.6 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.781 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

Tgt Ion: 96 Resp: 46879
Ion Ratio Lower Upper
96 100
61 141.4 97.6 181.4
98 65.1 45.9 85.3





#19

1,1-Dichloroethane

Concen: 4.749 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

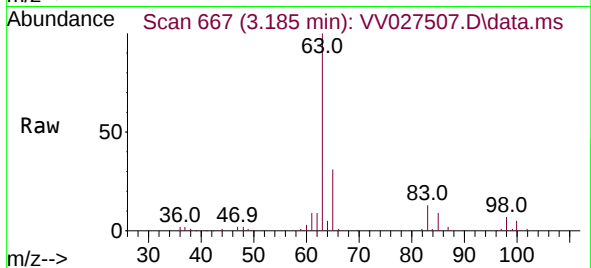
Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

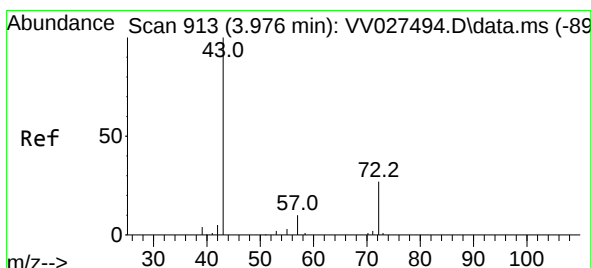
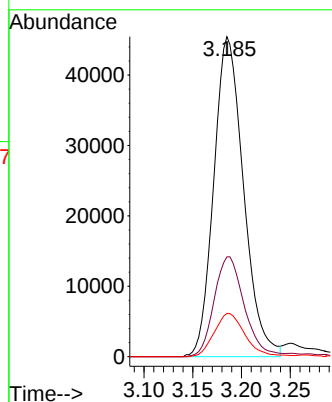
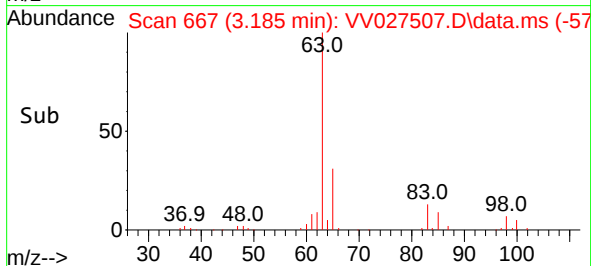
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	63	Resp:	96396
Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.1	41.1
83	13.5	9.6	17.8



#21

2-Butanone

Concen: 52.688 ug/L

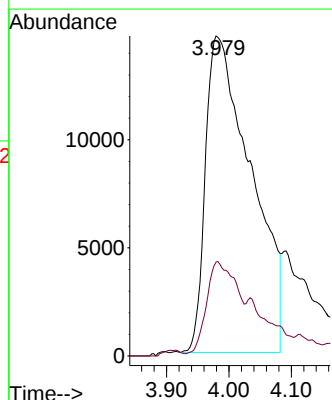
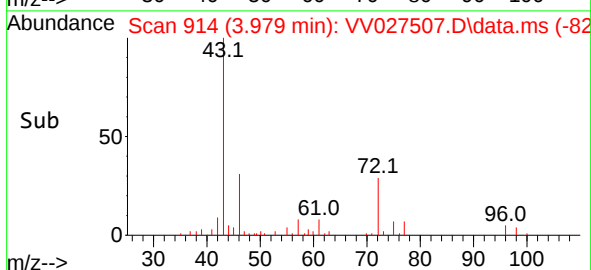
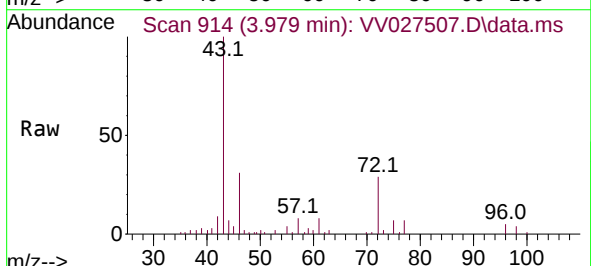
RT: 3.979 min Scan# 914

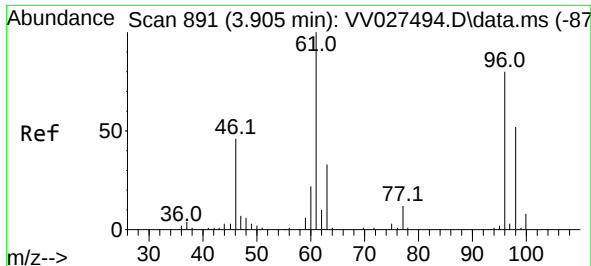
Delta R.T. 0.003 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

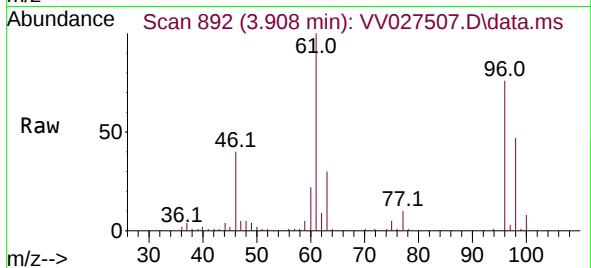
Tgt Ion:	43	Resp:	74600
Ion	Ratio	Lower	Upper
43	100		
72	19.2	12.0	36.1



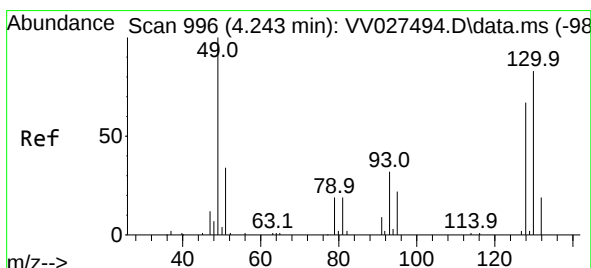
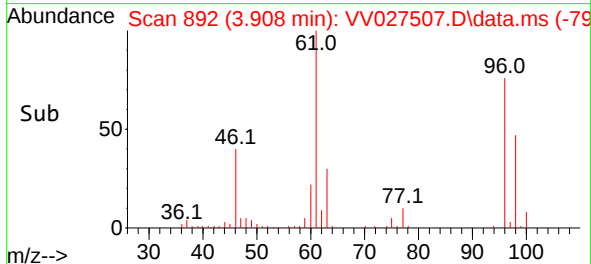
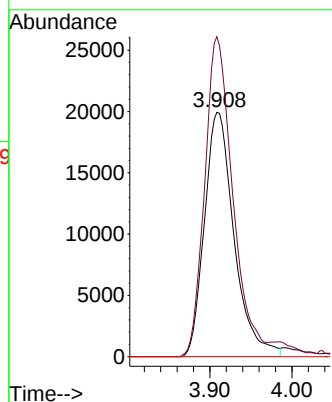


#22
 cis-1,2-Dichloroethene
 Concen: 4.782 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV027507.D
 Acq: 25 Aug 2022 20:17

Instrument :
 MSVOA_V
 ClientSampleId :

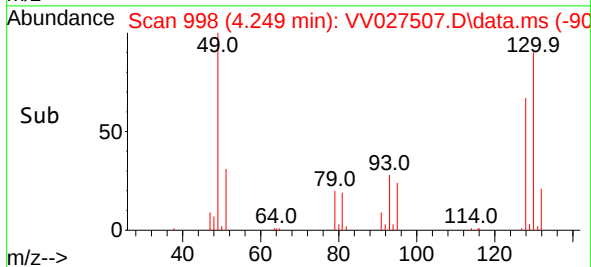
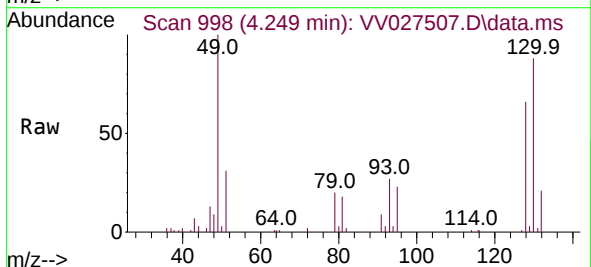
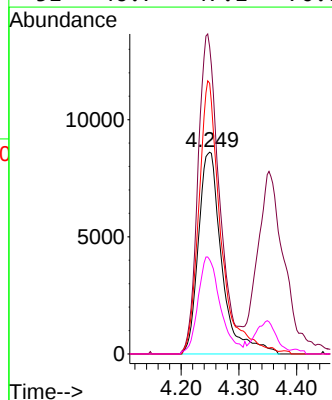


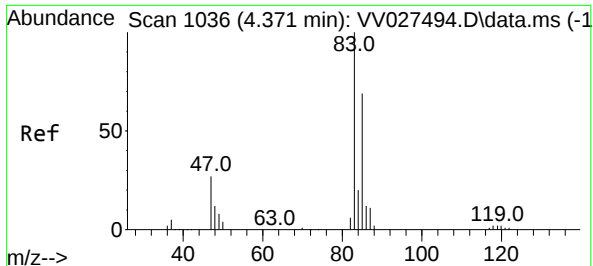
Tgt Ion: 96 Resp: 49967
 Ion Ratio Lower Upper
 96 100
 61 130.9 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.264 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VV027507.D
 Acq: 25 Aug 2022 20:17

Tgt Ion: 128 Resp: 24253
 Ion Ratio Lower Upper
 128 100
 49 152.2 127.5 236.7
 130 134.2 97.0 180.2
 51 46.7 47.1 70.7#





#25

Chloroform

Concen: 4.898 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

Instrument :

MSVOA_V

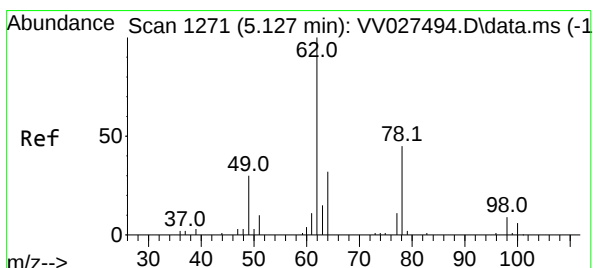
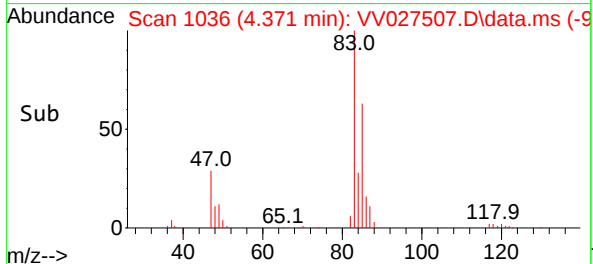
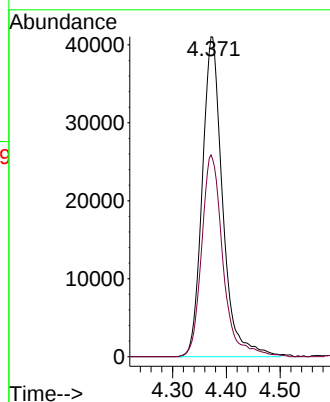
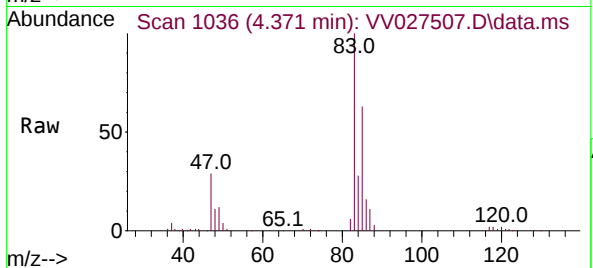
ClientSampleId :

Tgt Ion: 83 Resp: 108093

Ion Ratio Lower Upper

83 100

85 63.0 43.3 80.5



#27

1,2-Dichloroethane

Concen: 5.323 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV027507.D

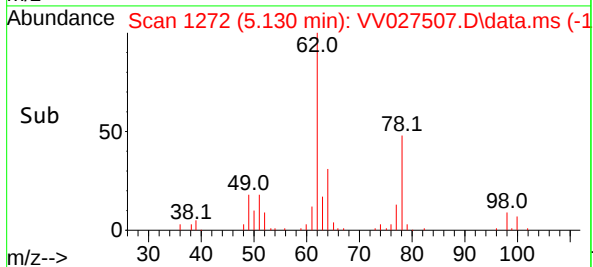
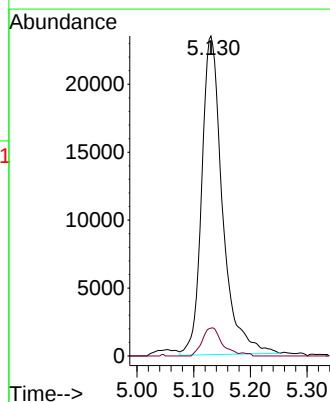
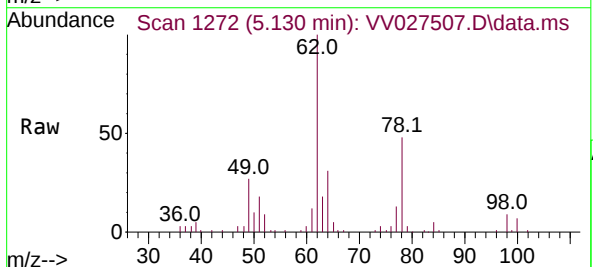
Acq: 25 Aug 2022 20:17

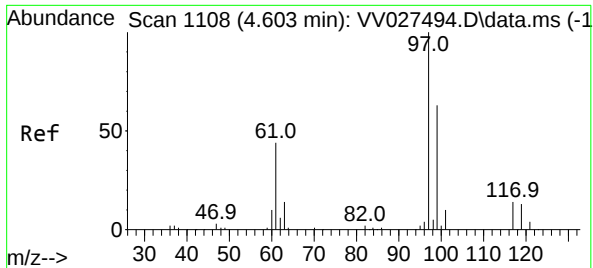
Tgt Ion: 62 Resp: 59690

Ion Ratio Lower Upper

62 100

98 8.7 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.981 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

Instrument :

MSVOA_V

ClientSampleId :

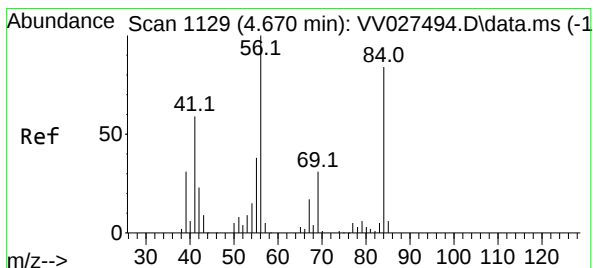
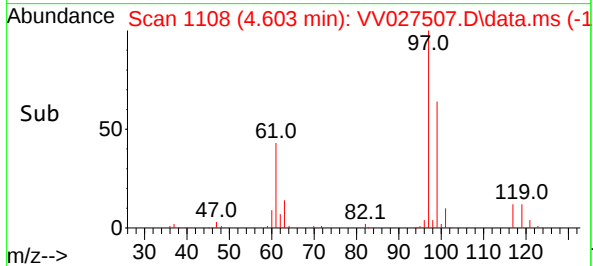
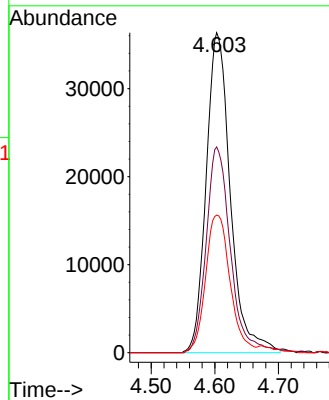
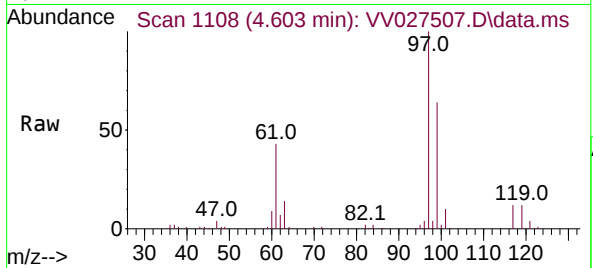
Tgt Ion: 97 Resp: 95924

Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

61 43.4 35.9 53.9



#30

Cyclohexane

Concen: 4.594 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

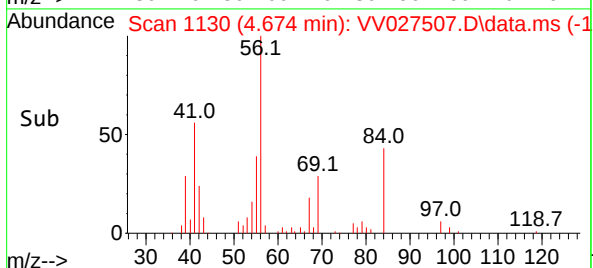
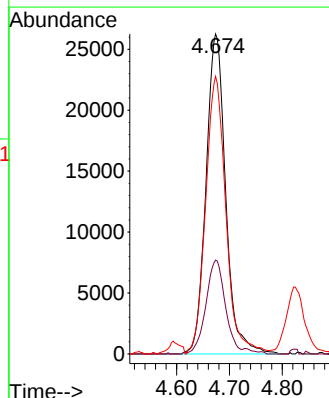
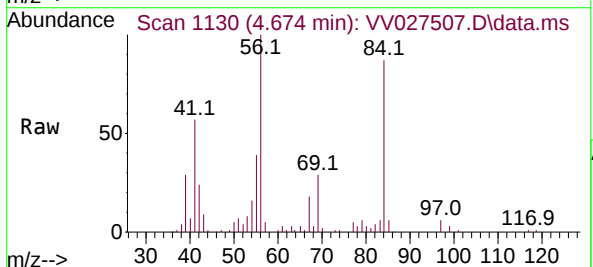
Tgt Ion: 56 Resp: 67914

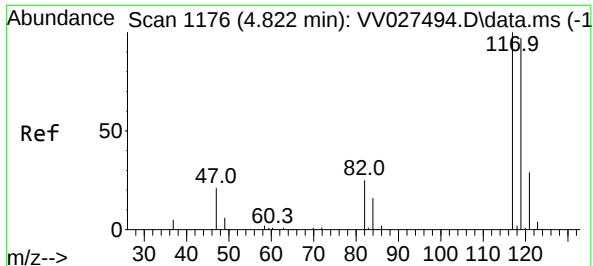
Ion Ratio Lower Upper

56 100

69 28.8 25.4 38.0

84 89.4 69.7 104.5

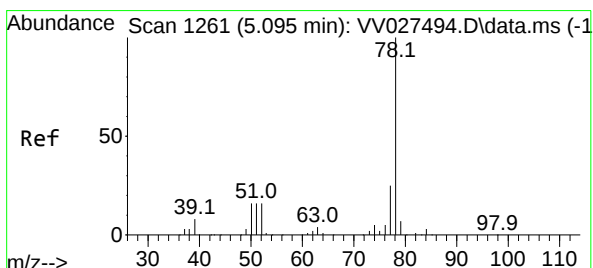
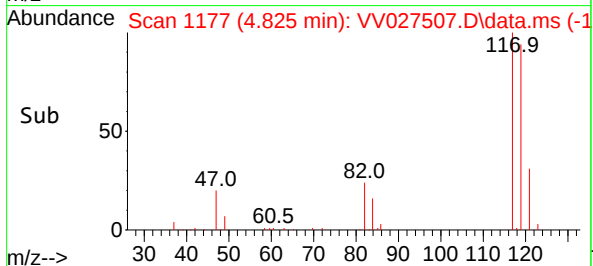
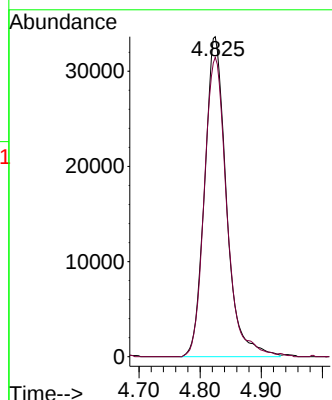
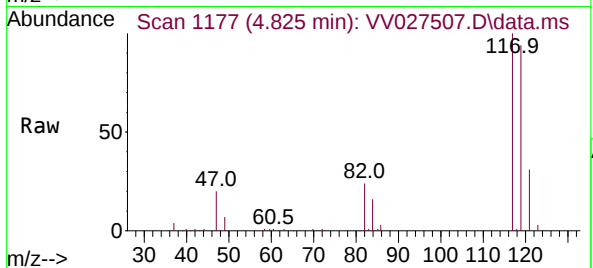




#31
Carbon tetrachloride
Concen: 4.965 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

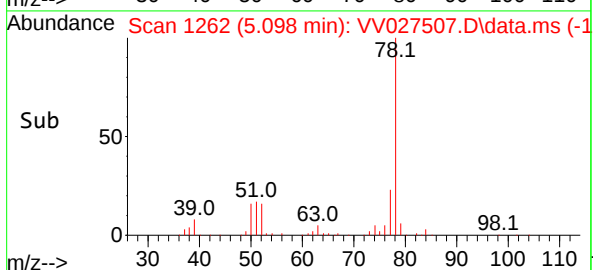
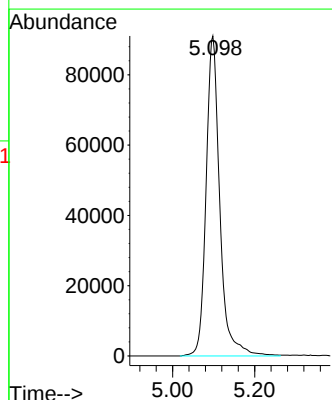
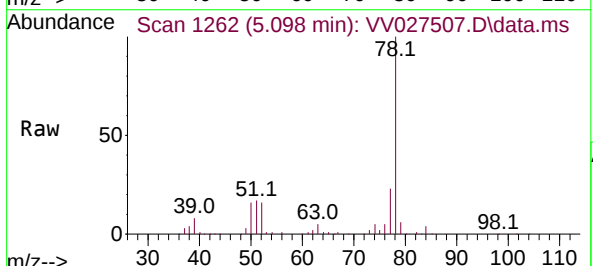
Instrument :
MSVOA_V
ClientSampleId :

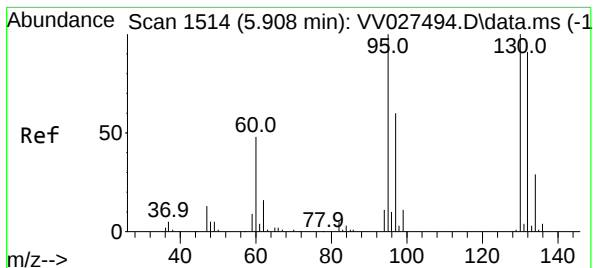
Tgt Ion:117 Resp: 83151
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1



#33
Benzene
Concen: 5.056 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

Tgt Ion: 78 Resp: 210927





#34

Trichloroethene

Concen: 4.733 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 51960

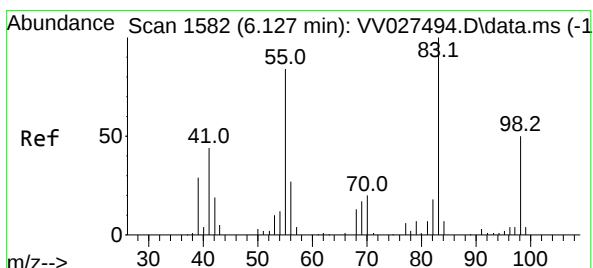
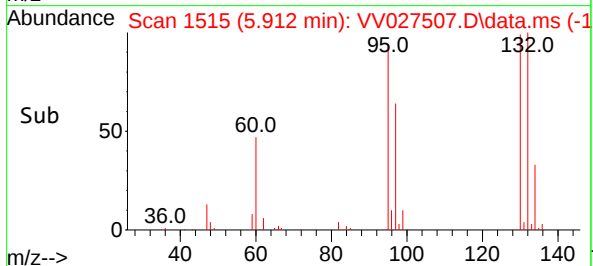
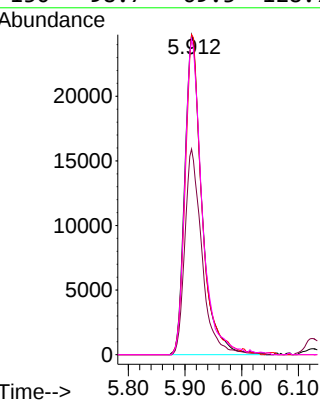
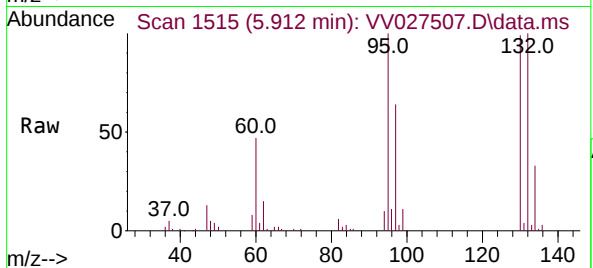
Ion Ratio Lower Upper

95 100

97 64.3 45.0 83.6

132 100.0 65.7 121.9

130 98.7 69.3 128.7



#35

Methylcyclohexane

Concen: 4.581 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

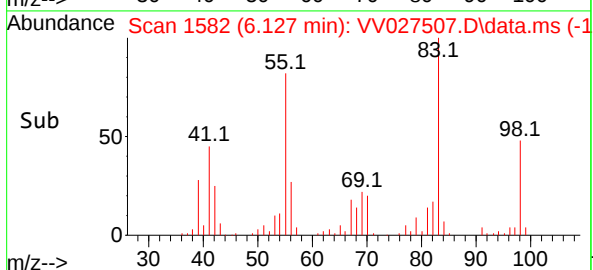
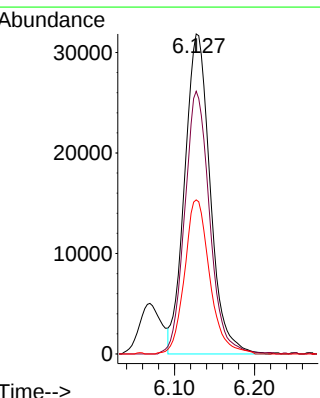
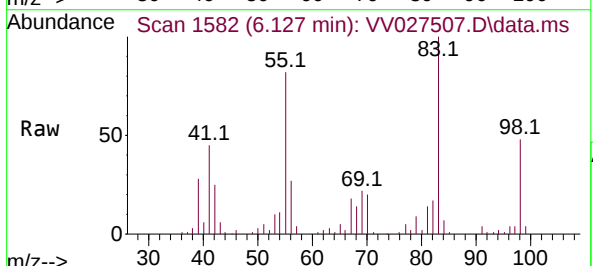
Tgt Ion: 83 Resp: 70736

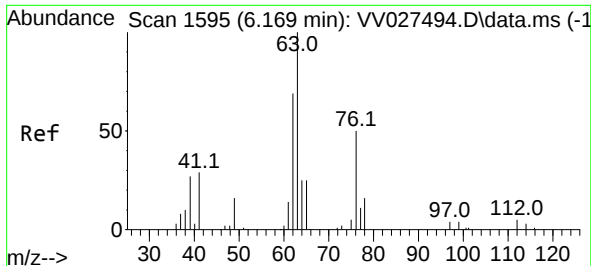
Ion Ratio Lower Upper

83 100

55 80.3 68.2 102.4

98 47.5 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.912 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

Instrument :

MSVOA_V

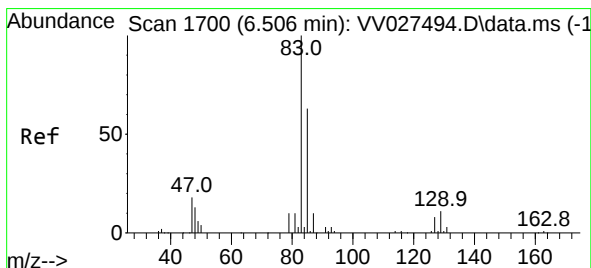
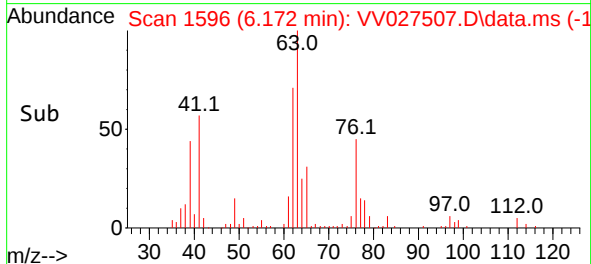
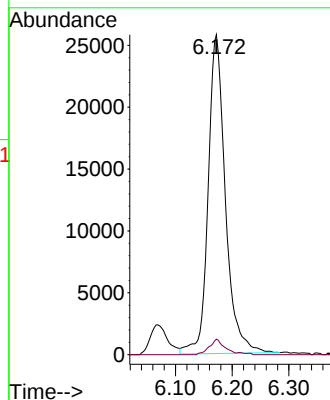
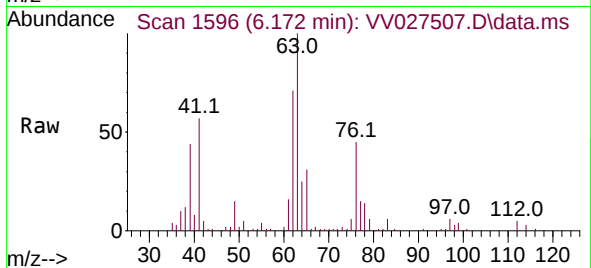
ClientSampleId :

Tgt Ion: 63 Resp: 54632

Ion Ratio Lower Upper

63 100

112 4.2 3.9 5.9



#38

Bromodichloromethane

Concen: 5.051 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

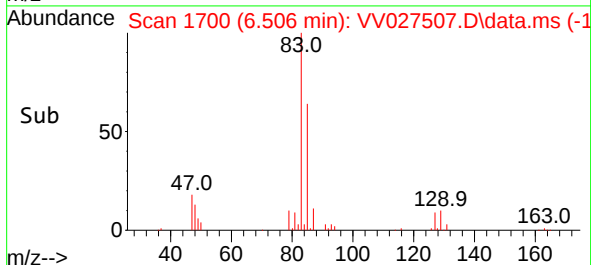
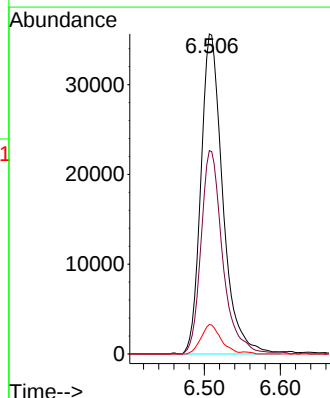
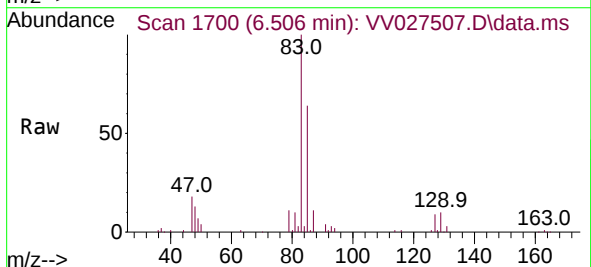
Tgt Ion: 83 Resp: 71219

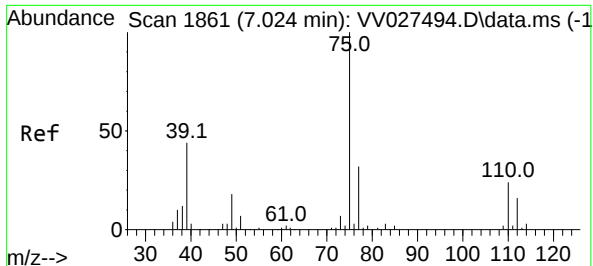
Ion Ratio Lower Upper

83 100

85 63.5 45.3 84.1

127 9.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.471 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

Instrument :

MSVOA_V

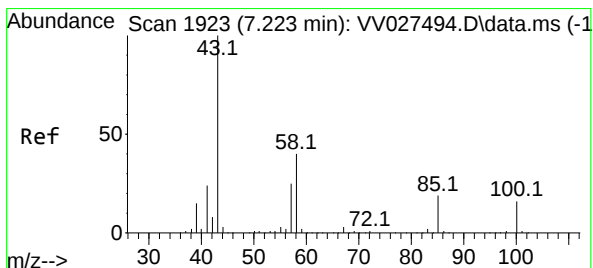
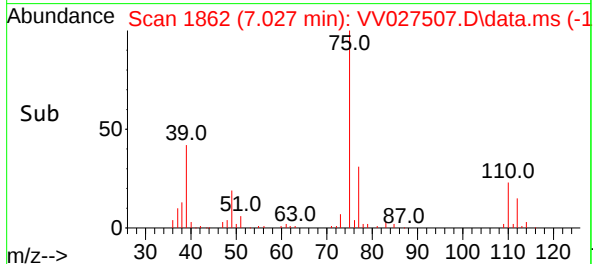
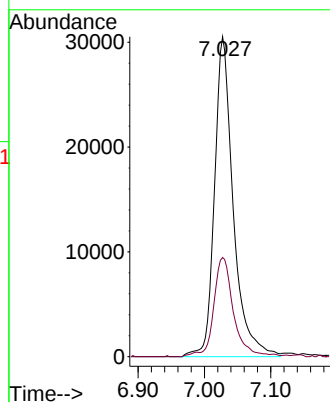
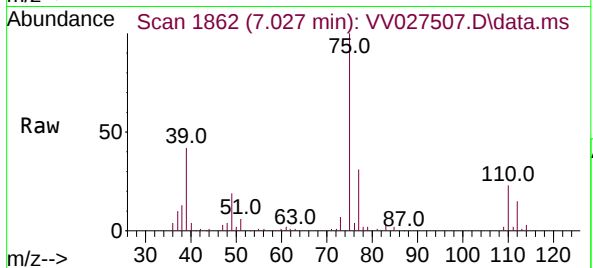
ClientSampleId :

Tgt Ion: 75 Resp: 59961

Ion Ratio Lower Upper

75 100

77 31.0 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 48.745 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

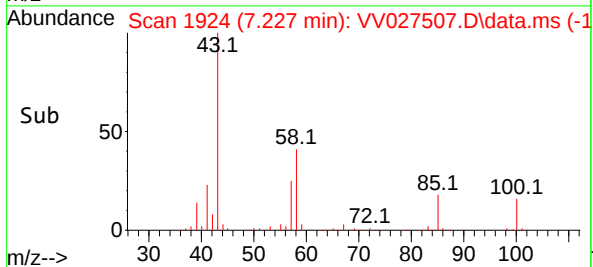
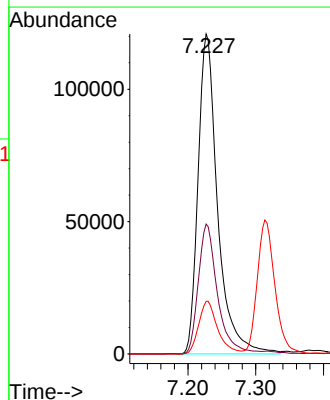
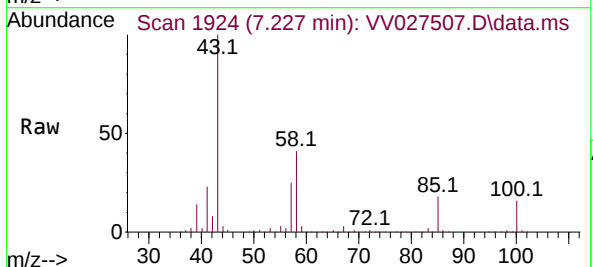
Tgt Ion: 43 Resp: 242211

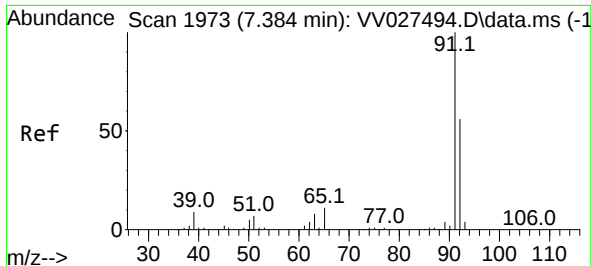
Ion Ratio Lower Upper

43 100

58 39.7 30.6 45.8

100 16.0 11.0 16.4





#42

Toluene

Concen: 5.221 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

Instrument :

MSVOA_V

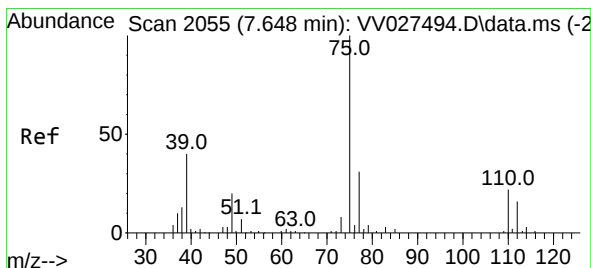
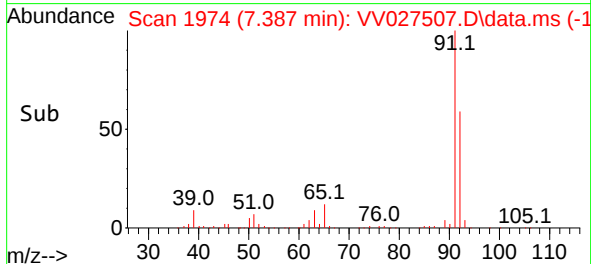
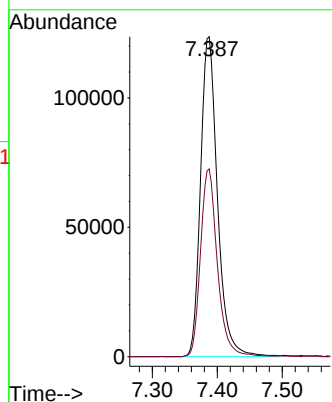
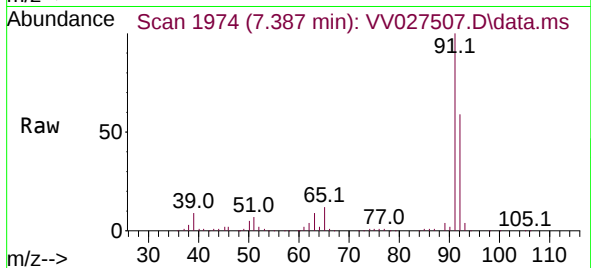
ClientSampleId :

Tgt Ion: 91 Resp: 224793

Ion Ratio Lower Upper

91 100

92 58.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.536 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV027507.D

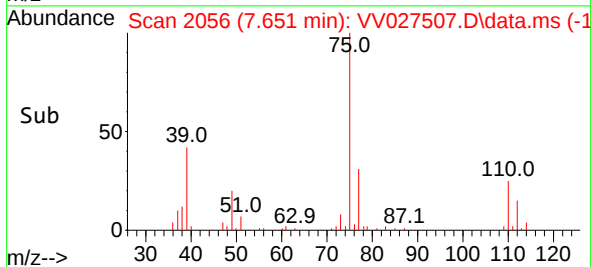
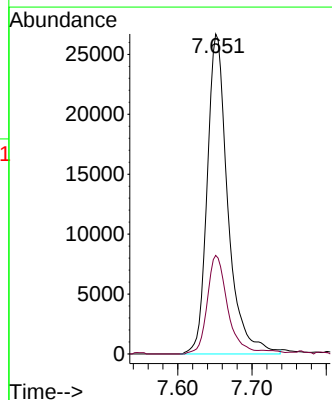
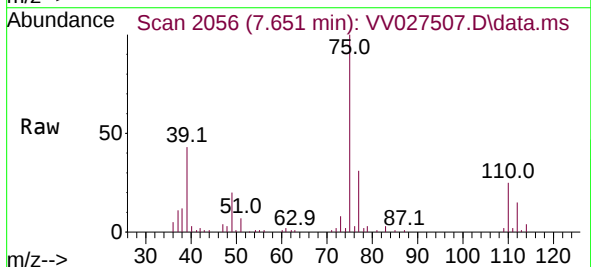
Acq: 25 Aug 2022 20:17

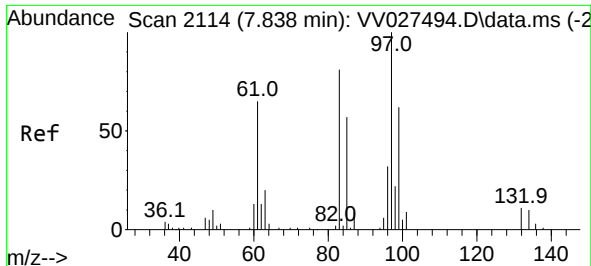
Tgt Ion: 75 Resp: 51424

Ion Ratio Lower Upper

75 100

77 30.8 22.3 41.5

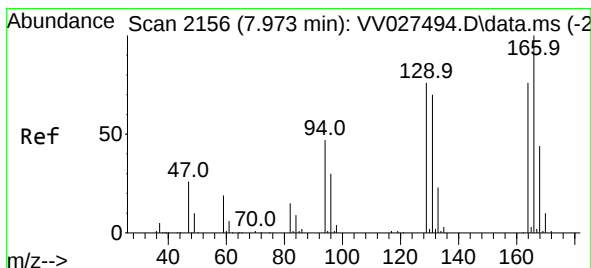
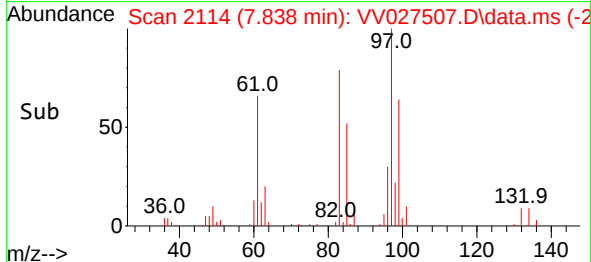
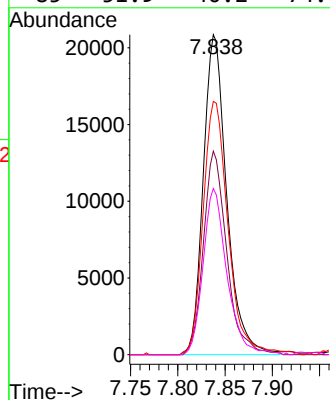
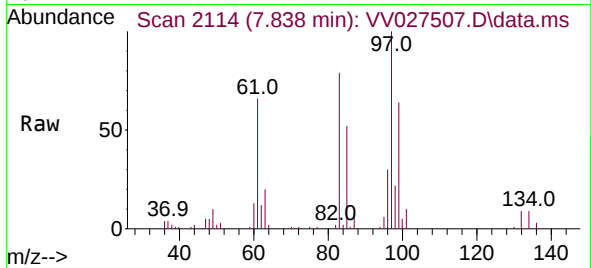




#45
1,1,2-Trichloroethane
Concen: 5.068 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

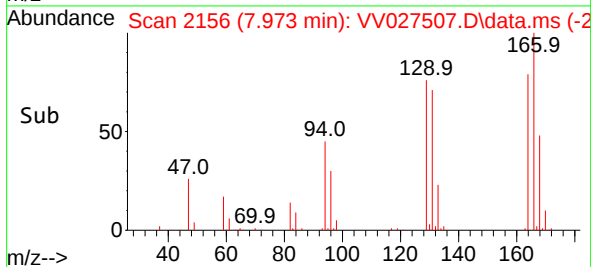
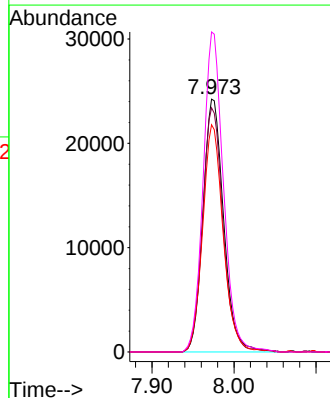
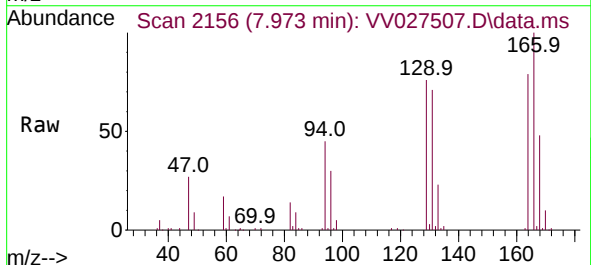
Instrument :
MSVOA_V
ClientSampleId :

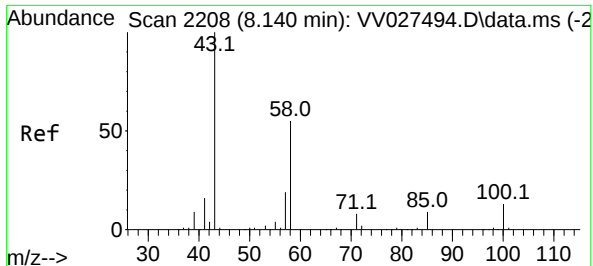
Tgt Ion: 97	Resp: 36033
Ion Ratio	Lower Upper
97 100	
99 63.6	46.1 85.7
83 79.2	63.0 117.0
85 51.9	40.2 74.6



#47
Tetrachloroethene
Concen: 4.967 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

Tgt	Ion:164	Resp:	42482
Ion	Ratio	Lower	Upper
164	100		
129	96.6	71.1	132.1
131	89.9	64.5	119.9
166	126.6	89.4	166.0

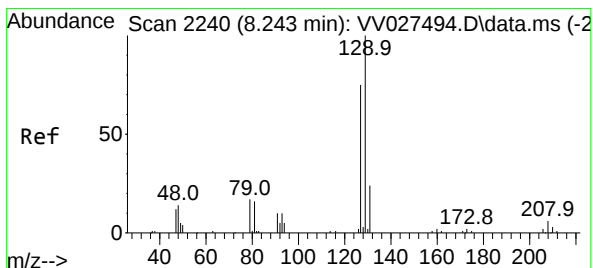
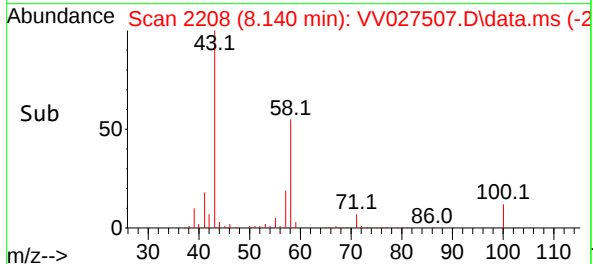
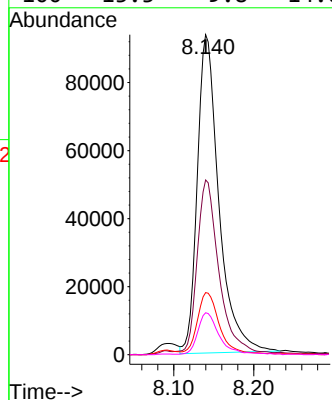
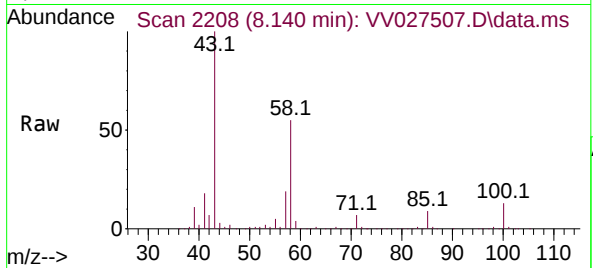




#48
2-Hexanone
Concen: 49.198 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

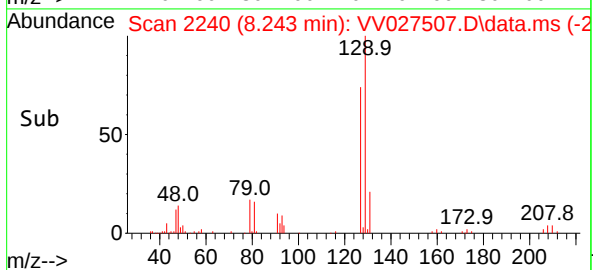
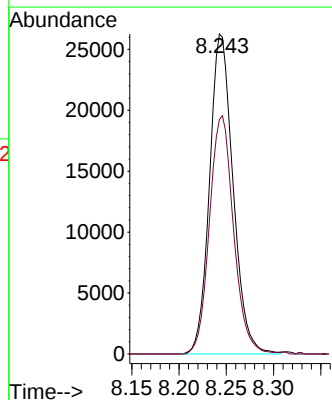
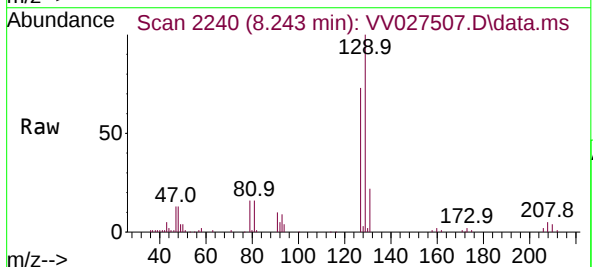
Instrument :
MSVOA_V
ClientSampleId :

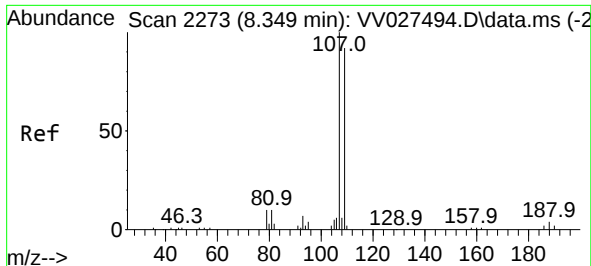
Tgt Ion: 43 Resp: 176150
Ion Ratio Lower Upper
43 100
58 53.6 41.3 61.9
57 19.6 14.9 22.3
100 13.3 9.8 14.6



#49
Dibromochloromethane
Concen: 5.193 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

Tgt Ion: 129 Resp: 45411
Ion Ratio Lower Upper
129 100
127 73.3 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.047 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027507.D

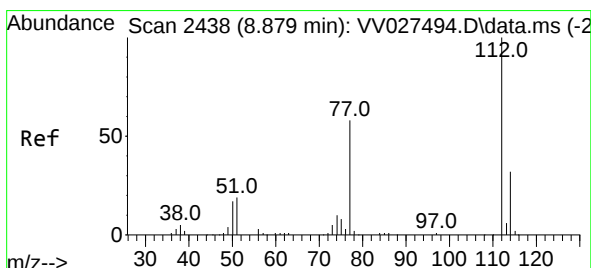
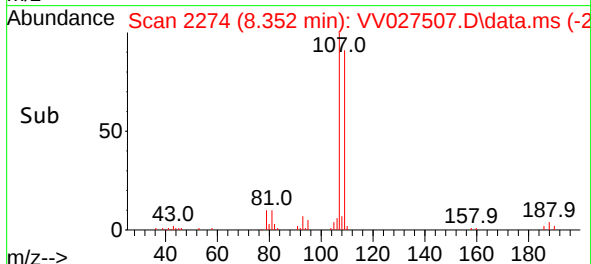
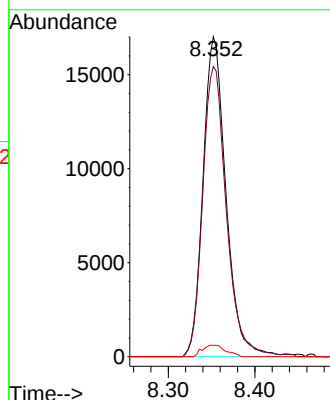
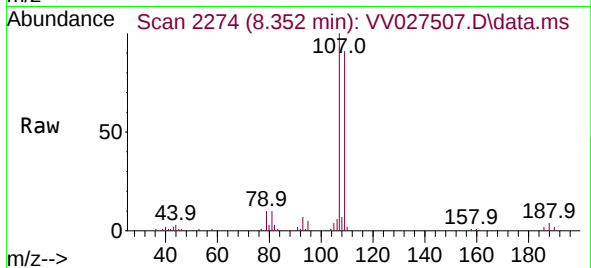
Acq: 25 Aug 2022 20:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	31318
Ion	Ratio	Lower	Upper
107	100		
109	90.7	67.8	125.8
188	3.6	3.5	5.3



#51

Chlorobenzene

Concen: 4.937 ug/L

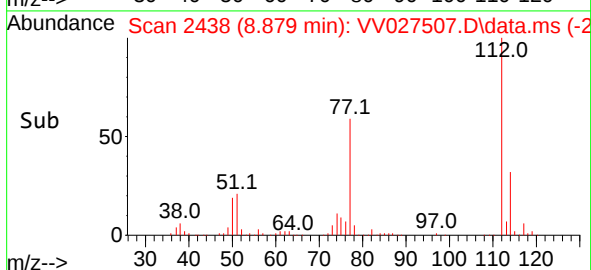
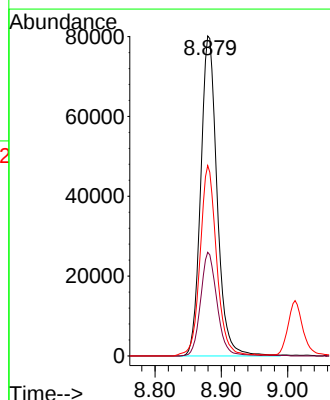
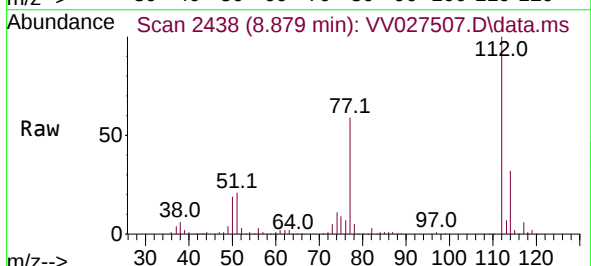
RT: 8.879 min Scan# 2438

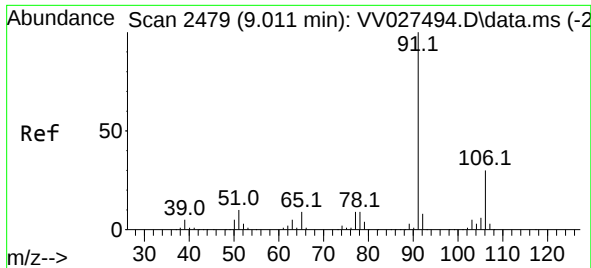
Delta R.T. 0.000 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

Tgt Ion:	112	Resp:	137587
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.7	42.1
77	59.5	46.2	69.4

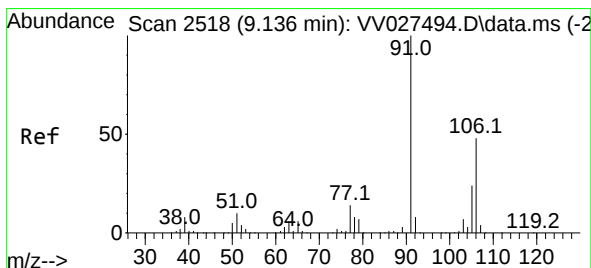
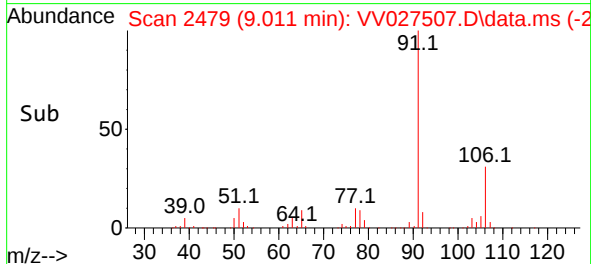
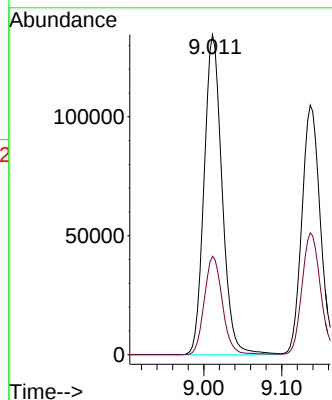
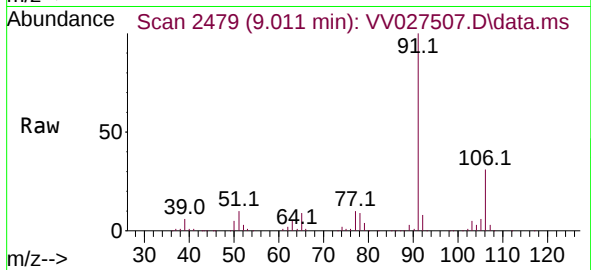




#52
Ethylbenzene
Concen: 4.908 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

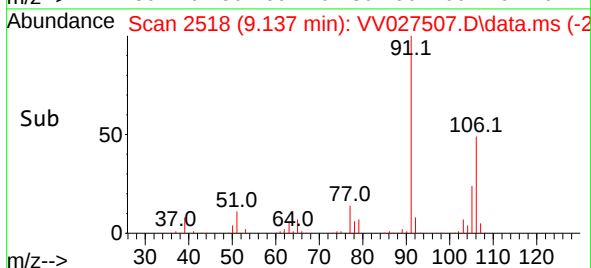
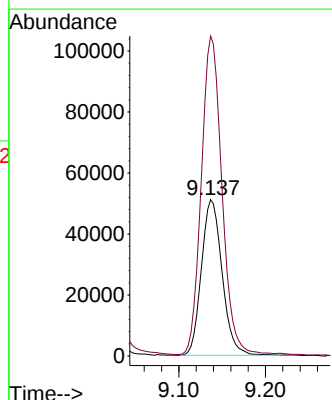
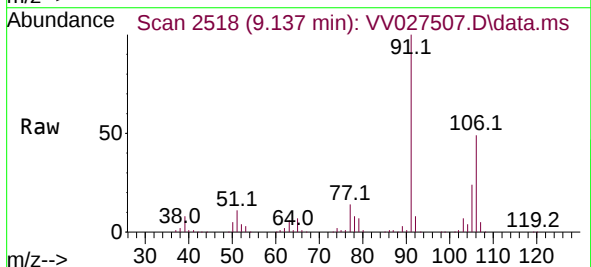
Instrument :
MSVOA_V
ClientSampleId :

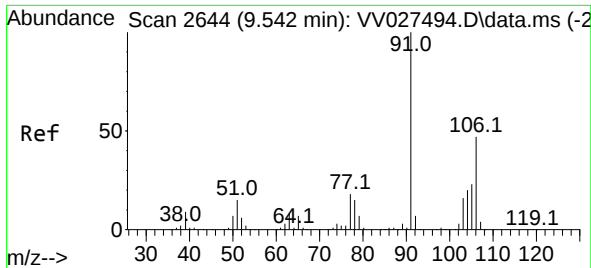
Tgt Ion: 91 Resp: 215719
Ion Ratio Lower Upper
91 100
106 30.8 21.4 39.8



#53
m,p-Xylene
Concen: 5.045 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

Tgt Ion: 106 Resp: 84842
Ion Ratio Lower Upper
106 100
91 204.8 143.8 267.0

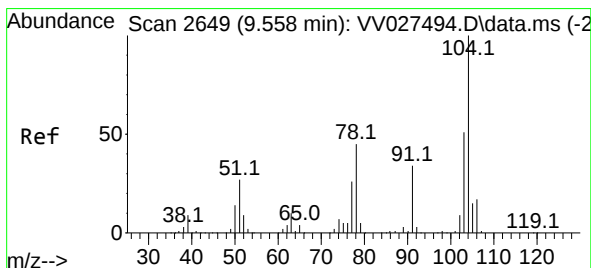
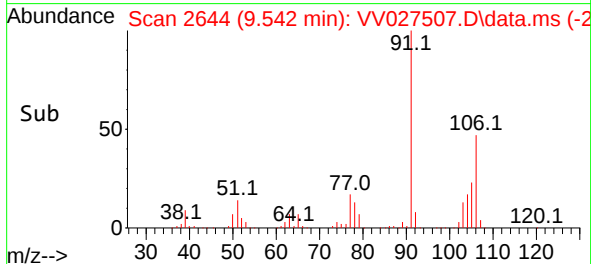
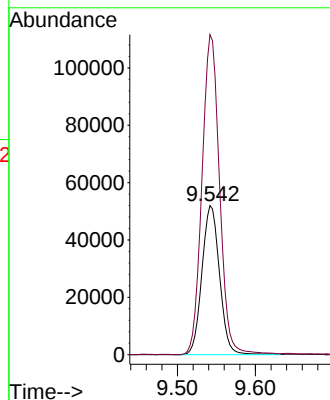
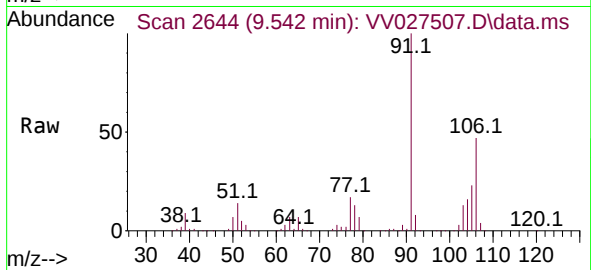




#54
o-Xylene
Concen: 5.002 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

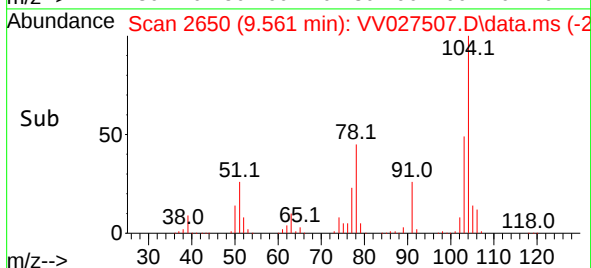
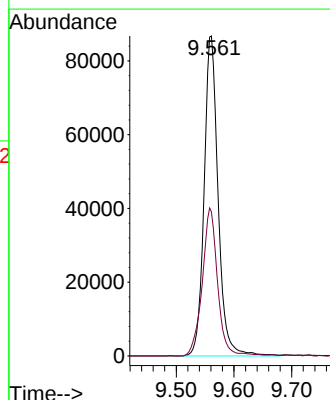
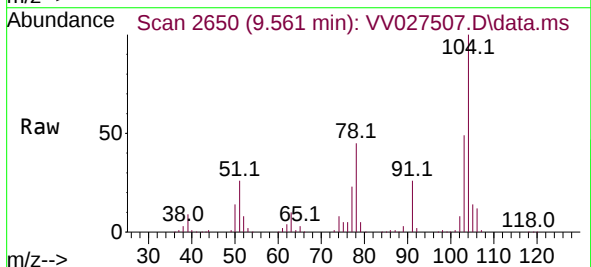
Instrument :
MSVOA_V
ClientSampleId :

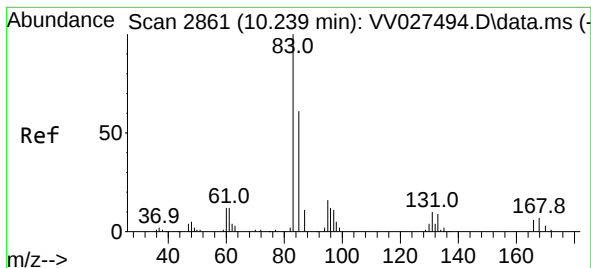
Tgt Ion:106 Resp: 81594
Ion Ratio Lower Upper
106 100
91 214.7 151.6 281.6



#55
Styrene
Concen: 5.276 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

Tgt Ion:104 Resp: 146440
Ion Ratio Lower Upper
104 100
78 45.1 32.0 59.4

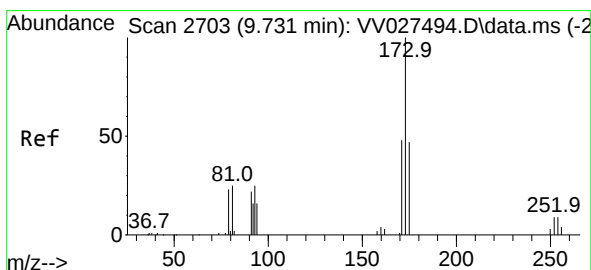
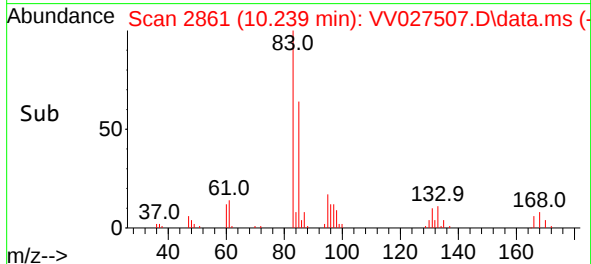
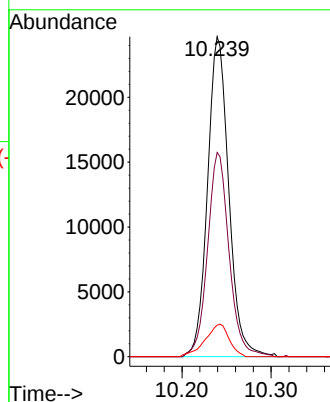
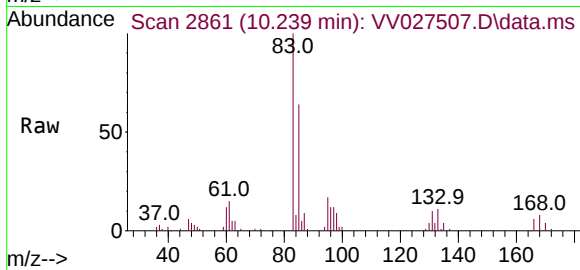




#57
1,1,2,2-Tetrachloroethane
Concen: 5.095 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

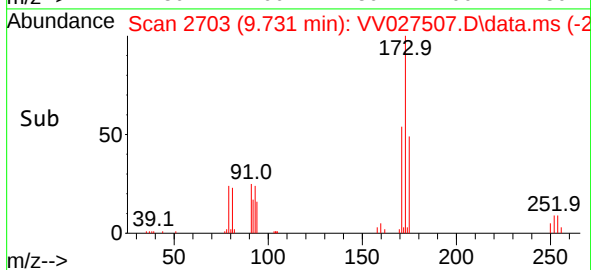
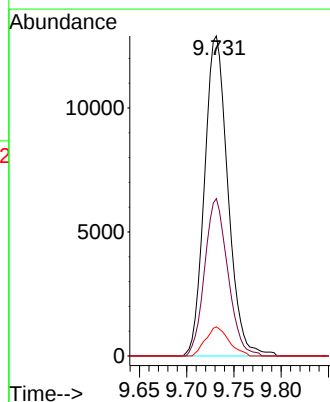
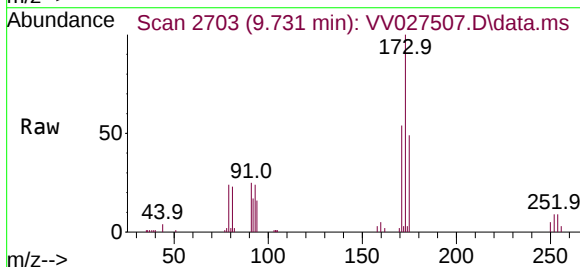
Instrument :
MSVOA_V
ClientSampleId :

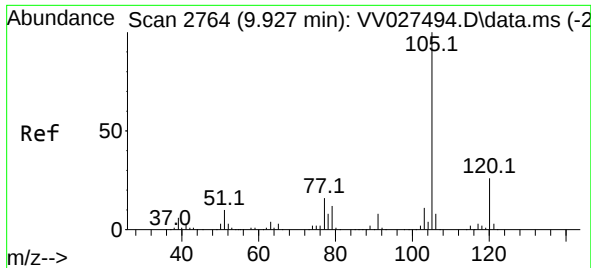
Tgt Ion: 83 Resp: 40803
Ion Ratio Lower Upper
83 100
85 63.8 44.1 81.9
131 9.8 7.3 10.9



#59
Bromoform
Concen: 4.803 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

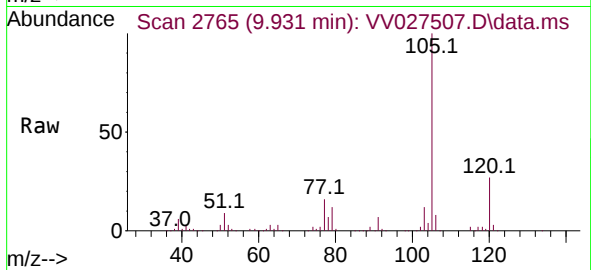
Tgt Ion: 173 Resp: 22188
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
254 9.0 7.1 10.7



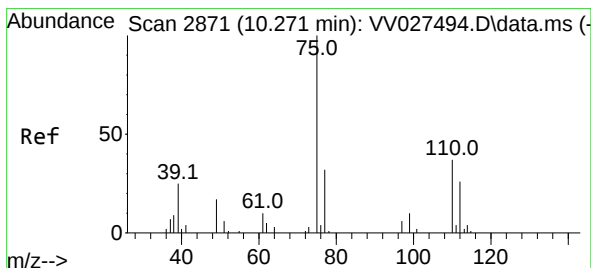
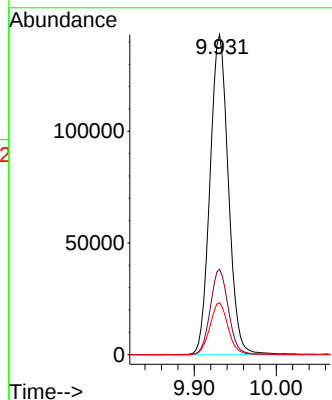
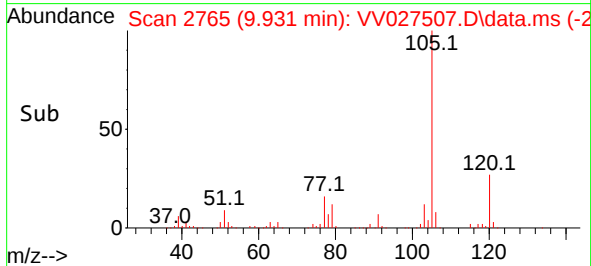


#60
Isopropylbenzene
Concen: 4.897 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

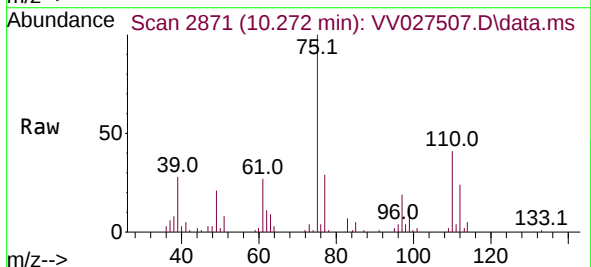
Instrument :
MSVOA_V
ClientSampleId :



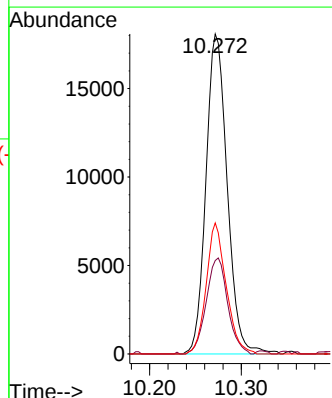
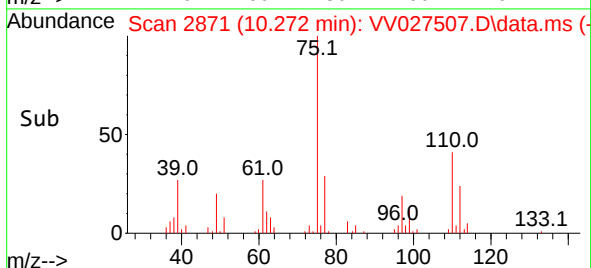
Tgt Ion:105 Resp: 222110
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 16.2 13.0 19.6

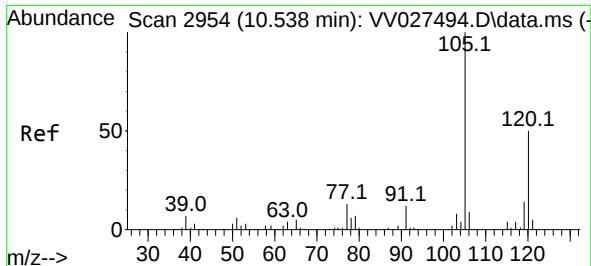


#61
1,2,3-Trichloropropane
Concen: 4.821 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17



Tgt Ion: 75 Resp: 29152
Ion Ratio Lower Upper
75 100
77 30.3 26.2 39.2
110 38.5 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 4.700 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

Instrument :

MSVOA_V

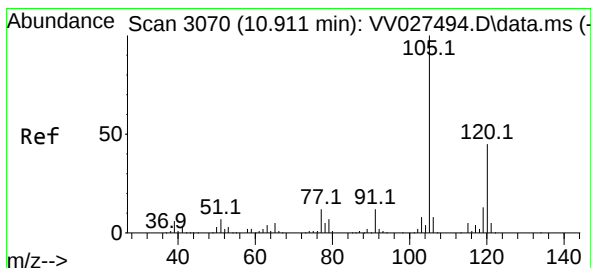
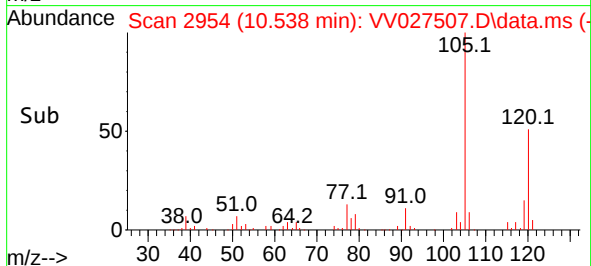
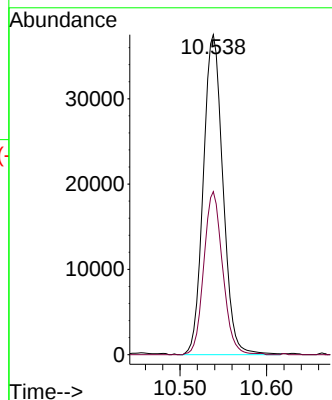
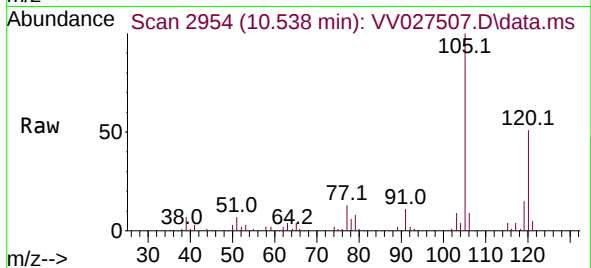
ClientSampleId :

Tgt Ion:105 Resp: 59105

Ion Ratio Lower Upper

105 100

120 49.0 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.675 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV027507.D

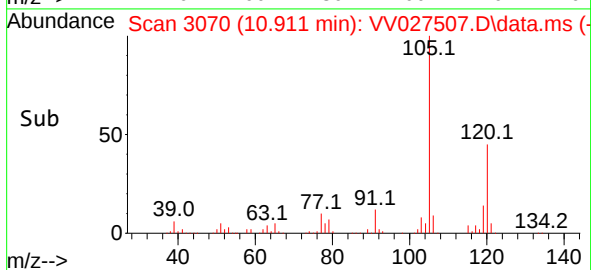
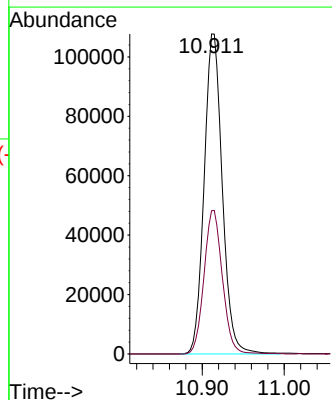
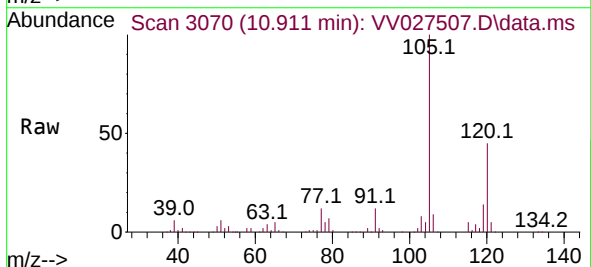
Acq: 25 Aug 2022 20:17

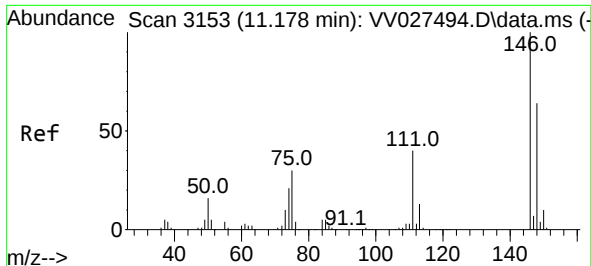
Tgt Ion:105 Resp: 165642

Ion Ratio Lower Upper

105 100

120 45.3 35.8 53.6

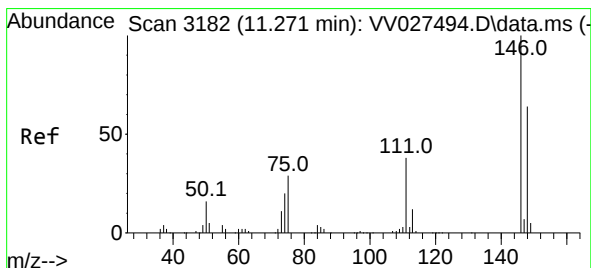
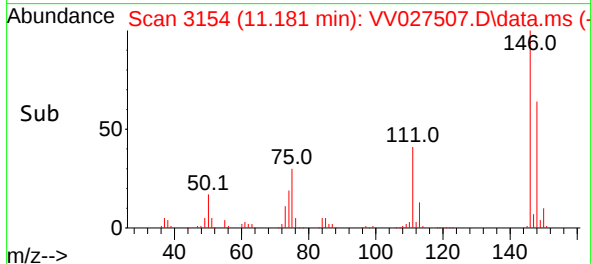
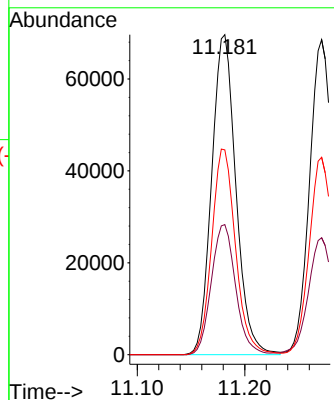
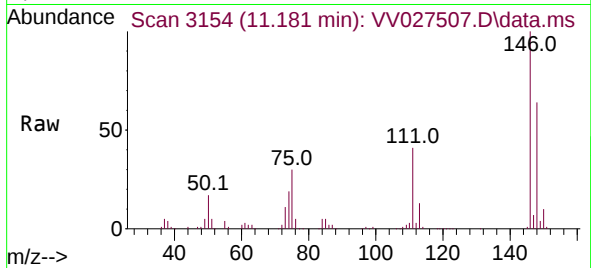




#64
1,3-Dichlorobenzene
Concen: 4.879 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

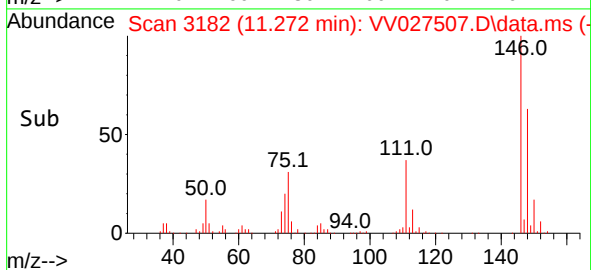
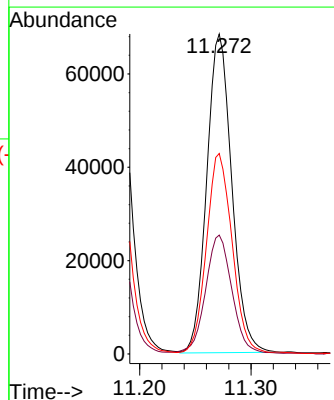
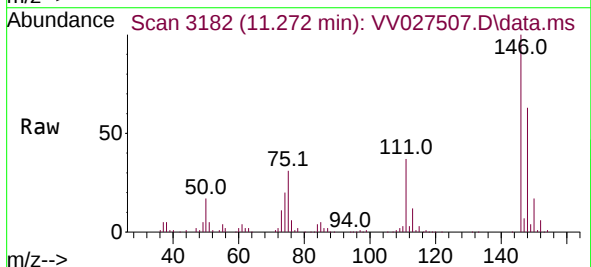
Instrument :
MSVOA_V
ClientSampleId :

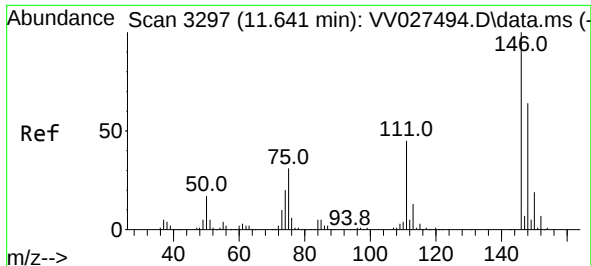
Tgt Ion:146 Resp: 109018
Ion Ratio Lower Upper
146 100
111 40.7 28.8 53.4
148 64.0 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 4.787 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

Tgt Ion:146 Resp: 106636
Ion Ratio Lower Upper
146 100
111 37.1 26.6 49.4
148 62.7 42.6 79.0





#67

1,2-Dichlorobenzene

Concen: 4.881 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

Instrument :

MSVOA_V

ClientSampleId :

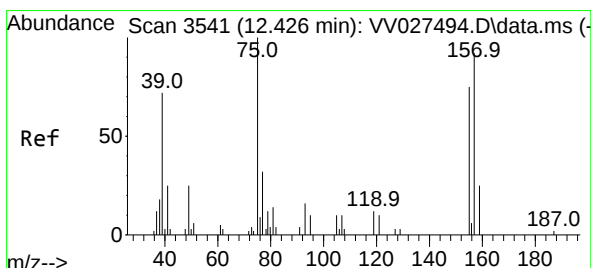
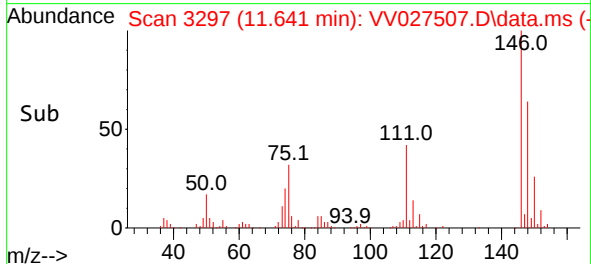
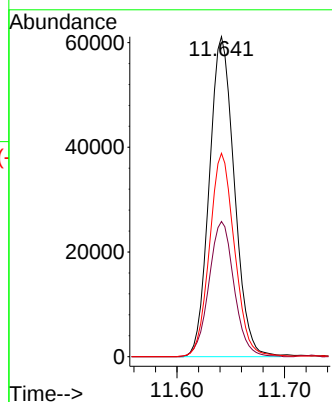
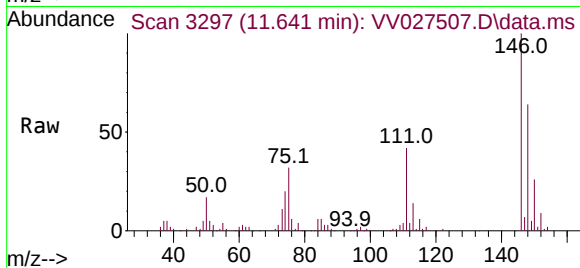
Tgt Ion:146 Resp: 98891

Ion Ratio Lower Upper

146 100

111 42.2 34.5 51.7

148 63.6 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.633 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

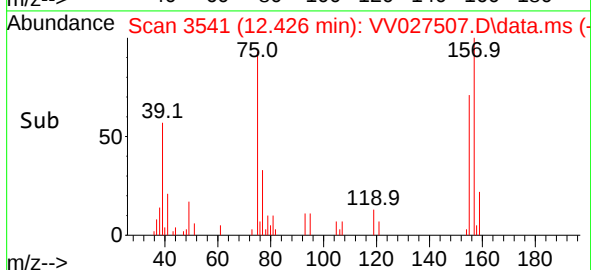
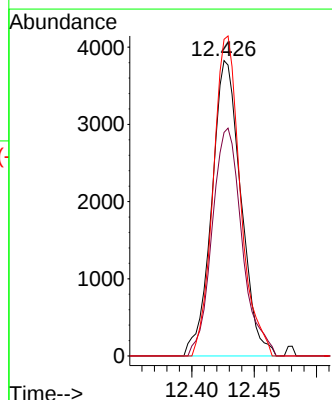
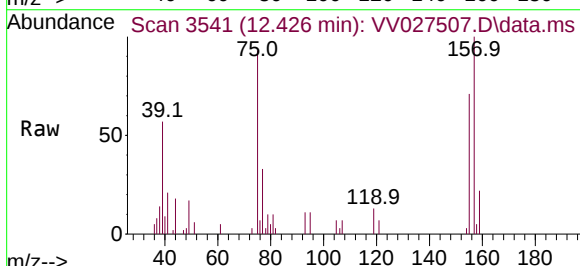
Tgt Ion: 75 Resp: 6225

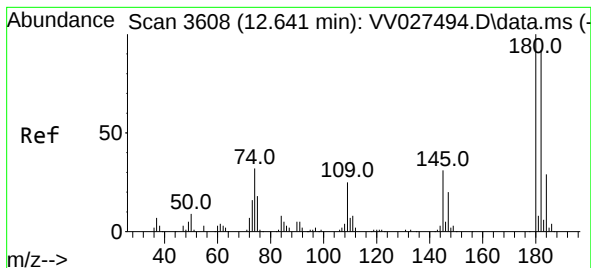
Ion Ratio Lower Upper

75 100

155 75.7 63.1 94.7

157 107.2 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 4.621 ug/L

RT: 12.644 min Scan# 3608

Delta R.T. 0.003 min

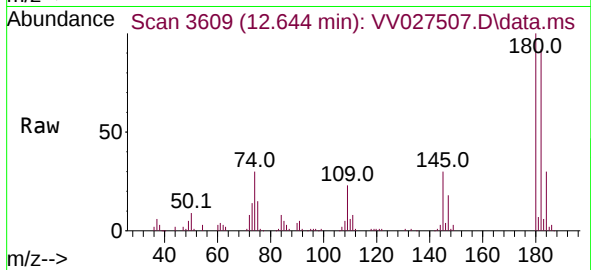
Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 77072

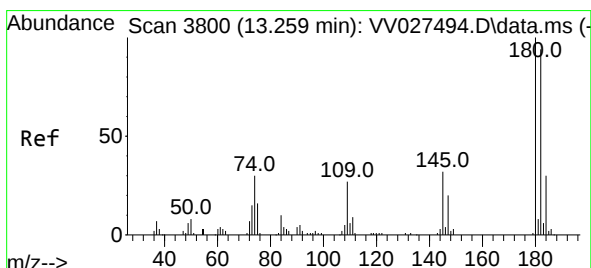
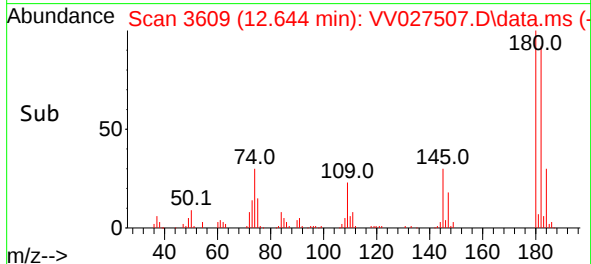
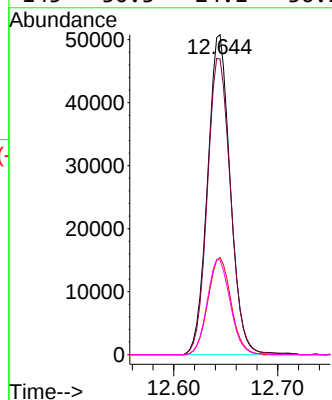
Ion Ratio Lower Upper

180 100

182 95.3 74.1 111.1

184 30.9 23.2 34.8

145 30.3 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.565 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027507.D

Acq: 25 Aug 2022 20:17

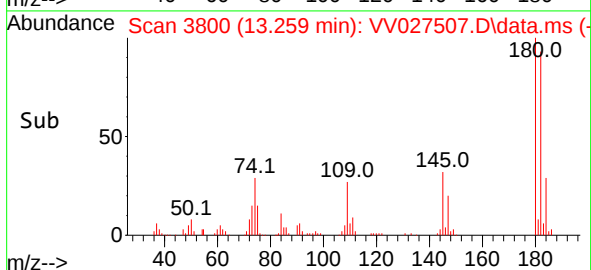
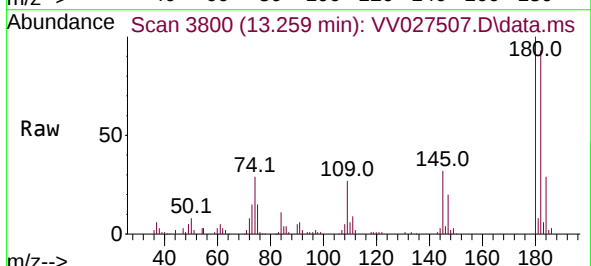
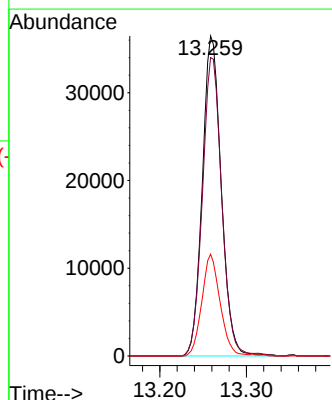
Tgt Ion:180 Resp: 55331

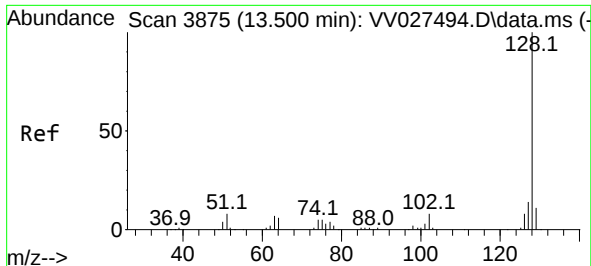
Ion Ratio Lower Upper

180 100

182 95.2 76.0 114.0

145 30.6 24.9 37.3

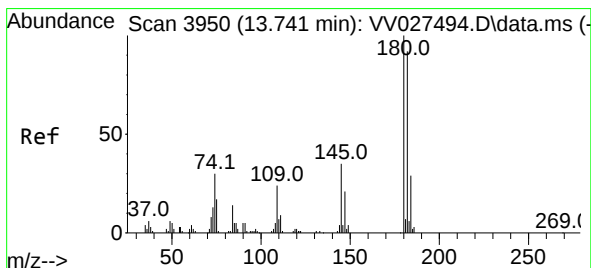
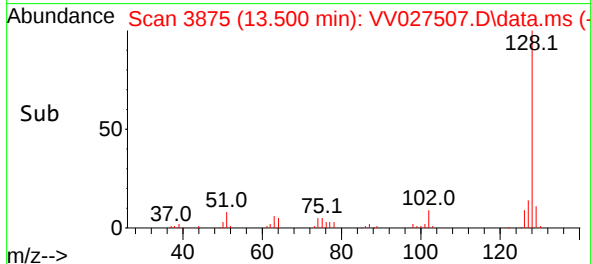
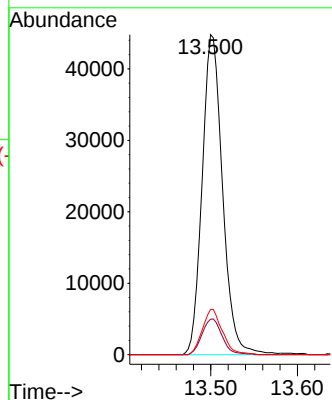
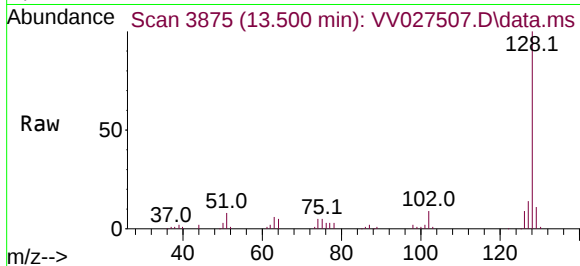




#71
Naphthalene
Concen: 4.382 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 73318
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.687 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027507.D
Acq: 25 Aug 2022 20:17

Tgt Ion:180 Resp: 50459
Ion Ratio Lower Upper
180 100
182 97.1 75.3 112.9
145 34.1 26.6 39.8

