

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027494.D
 Acq On : 25 Aug 2022 09:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 00:55:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 25 06:25:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	134918	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	136183	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79093	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39228	4.085	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.568	69	40057	5.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.000%
11) 1,1-Dichloroethene-d2	2.108	63	110196	4.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	3.892	46	49318	41.271	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.540%
24) Chloroform-d	4.342	84	88618	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.031	65	38102	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.047	84	160315	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.066	67	44607	4.067	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.313	98	151750	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.622	79	16601	4.421	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.088	63	54431	44.036	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36412	5.214	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	49686	4.238	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	67308	4.702	ug/L	100
3) Chloromethane	1.240	50	57562	4.604	ug/L	100
5) Vinyl chloride	1.310	62	58680	4.663	ug/L	99
6) Bromomethane	1.523	94	39538	6.353	ug/L	100
8) Chloroethane	1.584	64	46406	6.310	ug/L	97
9) Trichlorofluoromethane	1.751	101	107422	5.373	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	63158	5.596	ug/L	98
12) 1,1-Dichloroethene	2.114	96	54133	5.303	ug/L	92
13) Acetone	2.179	43	46843	41.047	ug/L	96
14) Carbon disulfide	2.291	76	122721	4.380	ug/L	99
15) Methyl Acetate	2.433	43	12735	4.030	ug/L	# 80
16) Methylene chloride	2.503	84	52219	3.393	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	98439	4.661	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	51372	4.885	ug/L	96
19) 1,1-Dichloroethane	3.185	63	103426	4.751	ug/L	98
21) 2-Butanone	3.976	43	57167	37.641	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	52266	4.663	ug/L	96
23) Bromochloromethane	4.243	128	23416	4.738	ug/L	84
25) Chloroform	4.371	83	109863	4.641	ug/L	90

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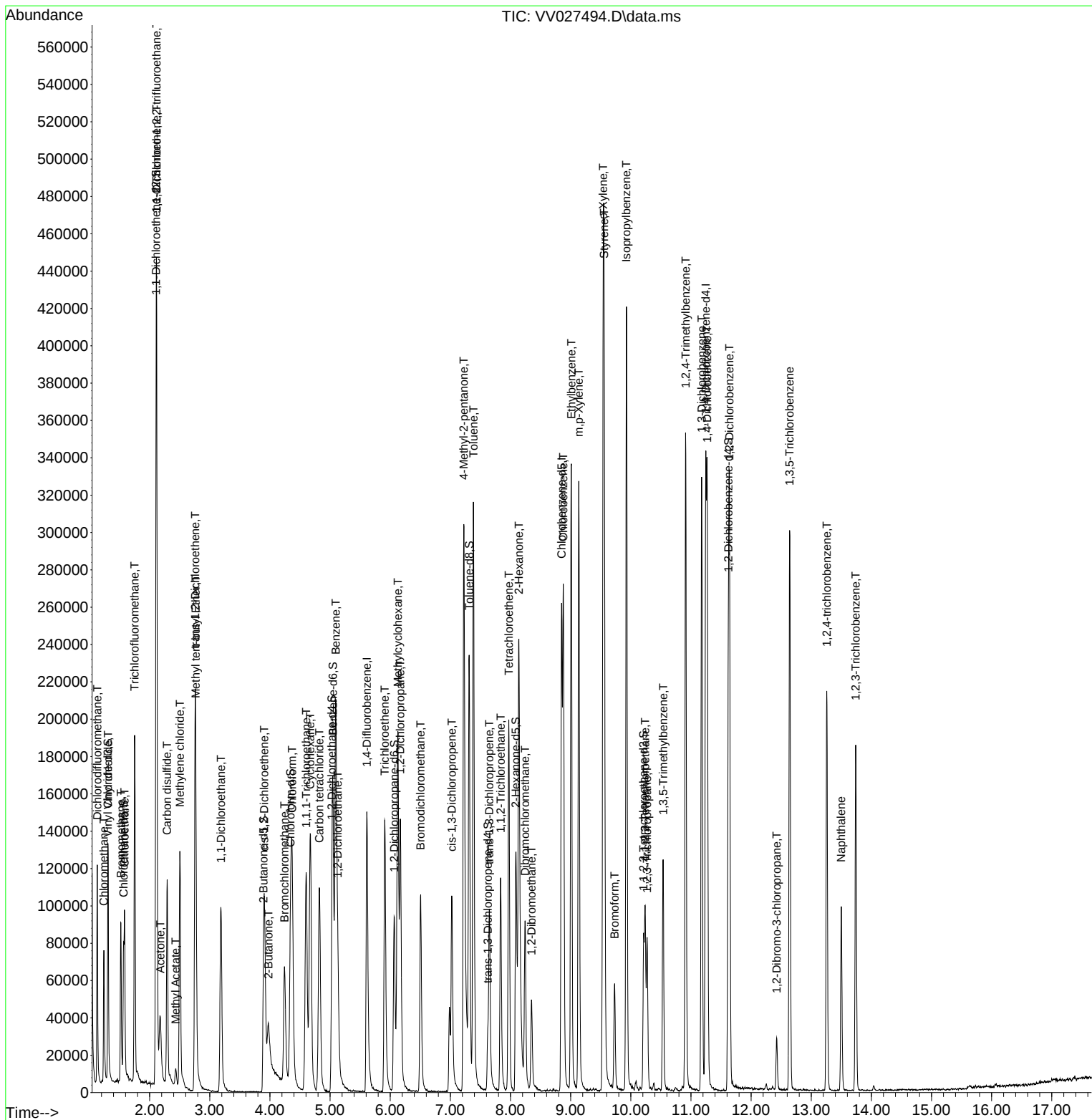
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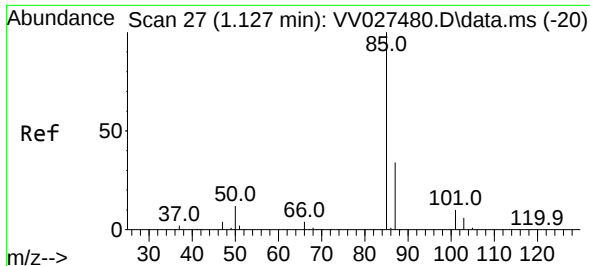
Quant Time: Aug 26 00:55:45 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	58174	4.836	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	98864	4.730	ug/L	99
30) Cyclohexane	4.670	56	70225	4.377	ug/L	99
31) Carbon tetrachloride	4.822	117	86009	4.732	ug/L	98
33) Benzene	5.095	78	213915	4.724	ug/L	100
34) Trichloroethene	5.908	95	53307	4.474	ug/L	97
35) Methylcyclohexane	6.127	83	76120	4.542	ug/L	94
37) 1,2-Dichloropropane	6.169	63	55072	4.562	ug/L	98
38) Bromodichloromethane	6.506	83	73818	4.823	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	67200	4.617	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	247339	45.859	ug/L	97
42) Toluene	7.384	91	233157	4.989	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	58656	4.767	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	36659	4.750	ug/L	94
47) Tetrachloroethene	7.973	164	43318	4.667	ug/L	98
48) 2-Hexanone	8.140	43	184104	47.372	ug/L	98
49) Dibromochloromethane	8.243	129	46826	4.934	ug/L	95
50) 1,2-Dibromoethane	8.349	107	32992	4.898	ug/L	95
51) Chlorobenzene	8.879	112	142495	4.711	ug/L	98
52) Ethylbenzene	9.011	91	227773	4.775	ug/L	99
53) m,p-Xylene	9.136	106	90491	4.957	ug/L	99
54) o-Xylene	9.542	106	92206	5.207	ug/L	99
55) Styrene	9.558	104	168358	5.589	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	46834	5.388	ug/L	98
59) Bromoform	9.731	173	25968	4.899	ug/L	98
60) Isopropylbenzene	9.927	105	253171	4.865	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	33163	4.780	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	63734	4.417	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	182026	4.477	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	128512	5.012	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	122718	4.801	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	109661	4.717	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7106	4.610	ug/L	92
69) 1,3,5-Trichlorobenzene	12.641	180	90390	4.723	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	63362	4.556	ug/L	99
71) Naphthalene	13.500	128	75877	3.952	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54321	4.397	ug/L	99

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

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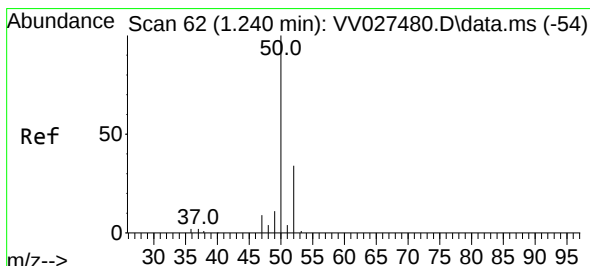
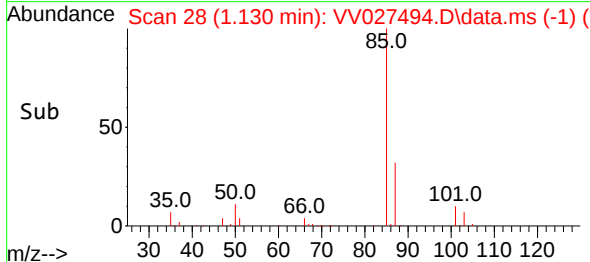
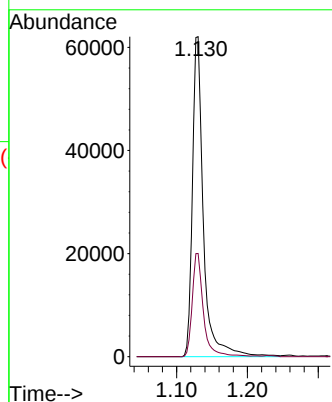
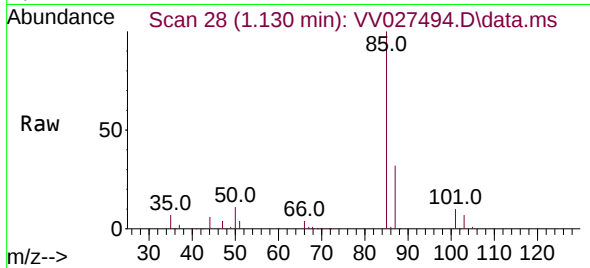




#2
 Dichlorodifluoromethane
 Concen: 4.702 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV027494.D
 Acq: 25 Aug 2022 09:08

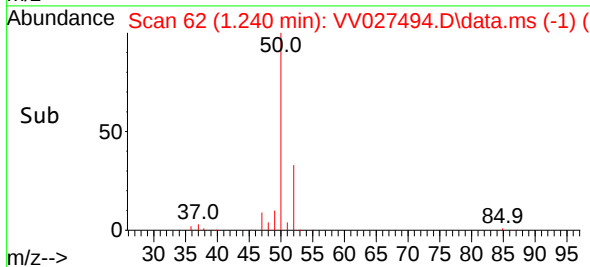
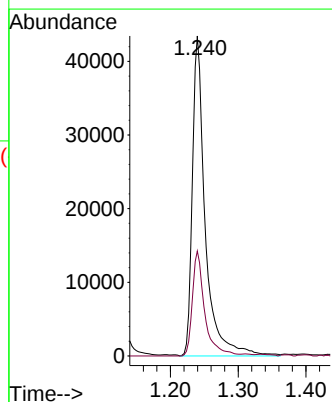
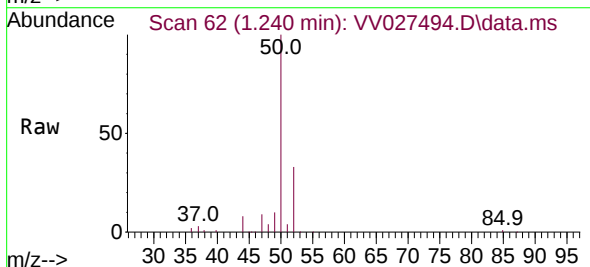
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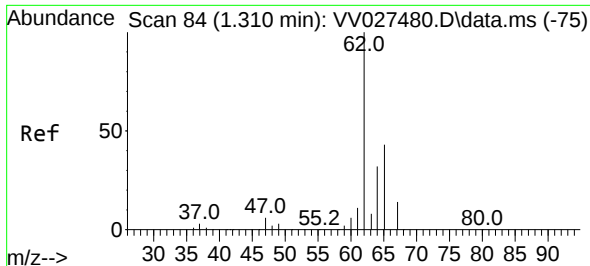
Tgt Ion: 85 Resp: 67308
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 4.604 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027494.D
 Acq: 25 Aug 2022 09:08

Tgt Ion: 50 Resp: 57562
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.8 42.4

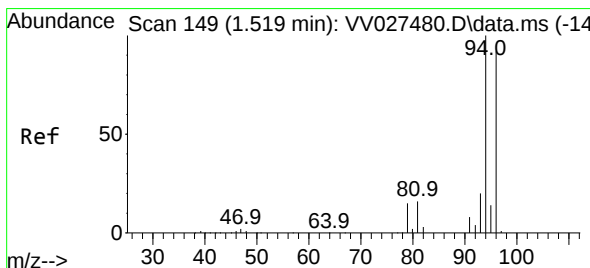
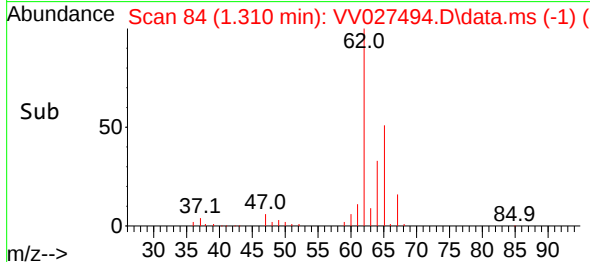
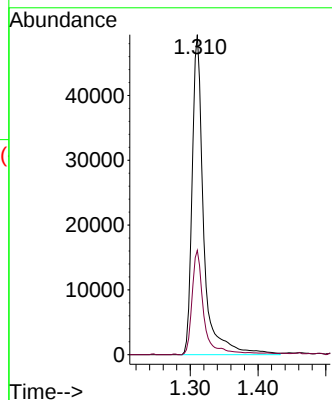
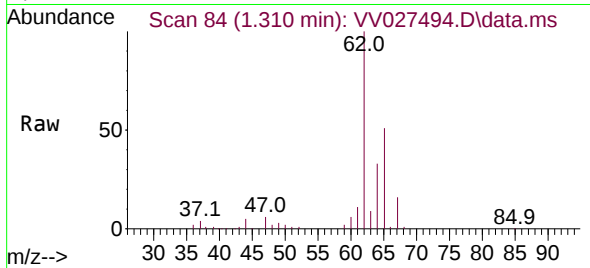




#5
 Vinyl chloride
 Concen: 4.663 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027494.D
 Acq: 25 Aug 2022 09:08

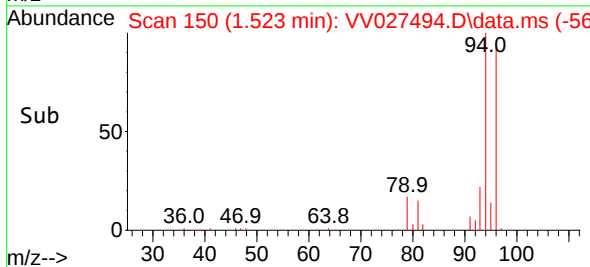
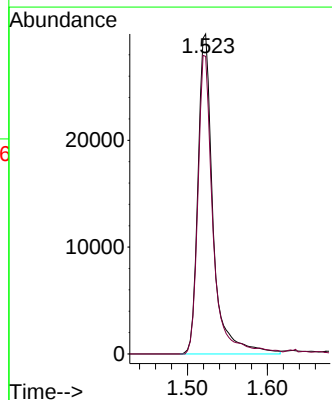
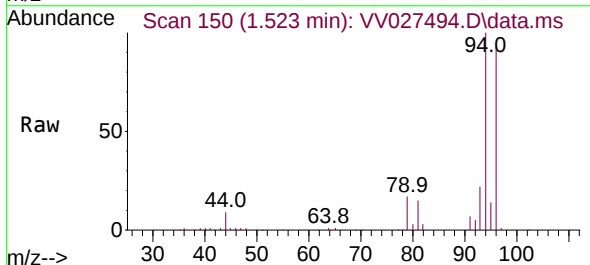
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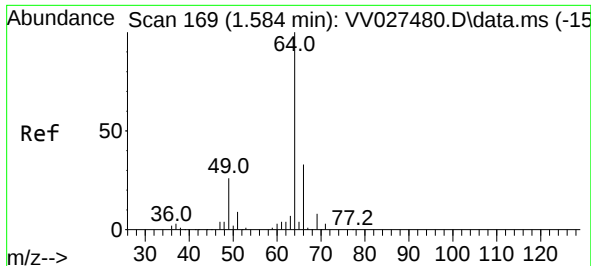
Tgt Ion: 62 Resp: 58680
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.6 42.0



#6
 Bromomethane
 Concen: 6.353 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV027494.D
 Acq: 25 Aug 2022 09:08

Tgt Ion: 94 Resp: 39538
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.2 121.0

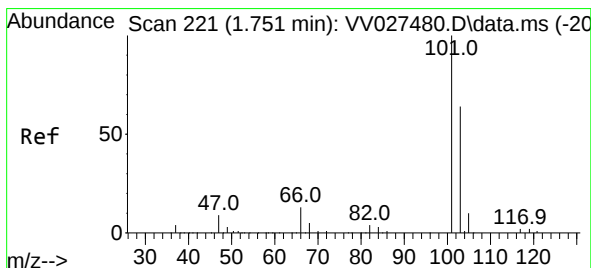
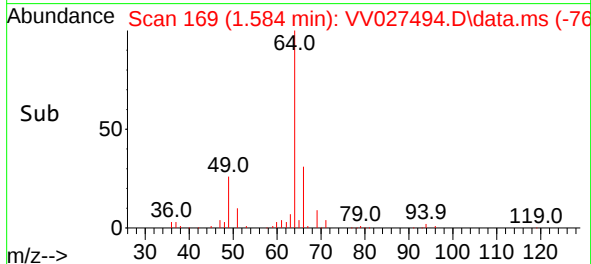
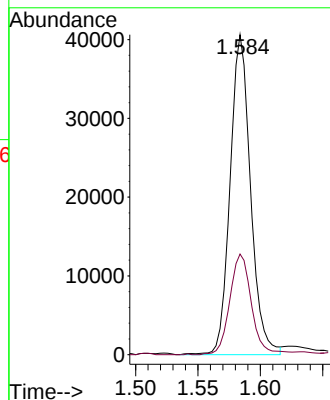
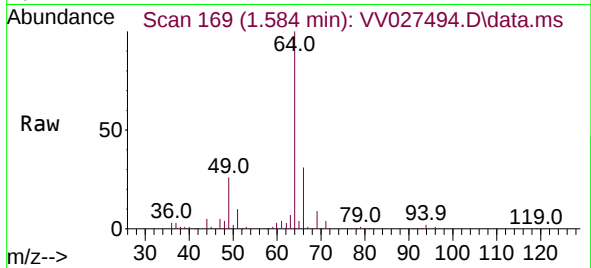




#8
Chloroethane
Concen: 6.310 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

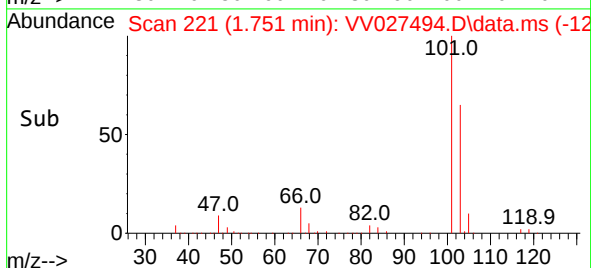
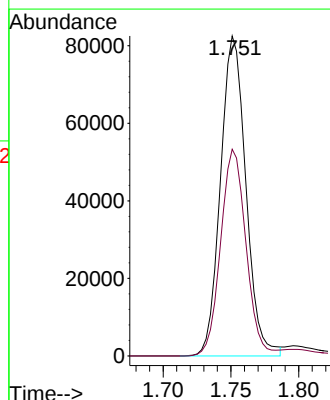
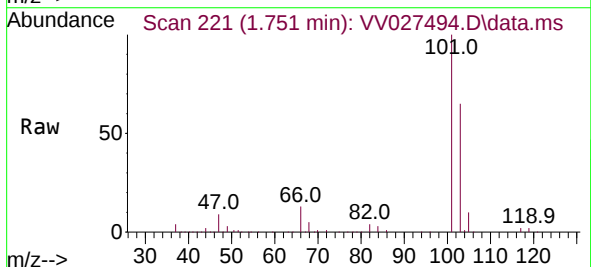
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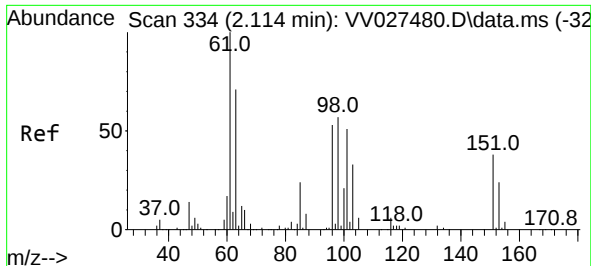
Tgt Ion: 64 Resp: 46406
Ion Ratio Lower Upper
64 100
66 31.4 23.3 43.3



#9
Trichlorofluoromethane
Concen: 5.373 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

Tgt Ion:101 Resp: 107422
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

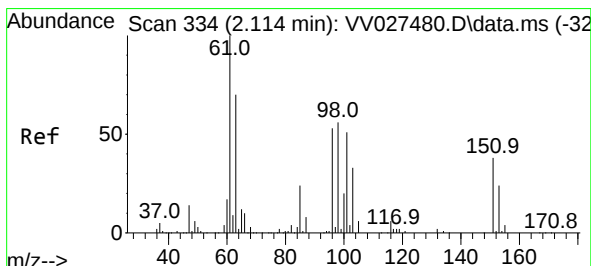
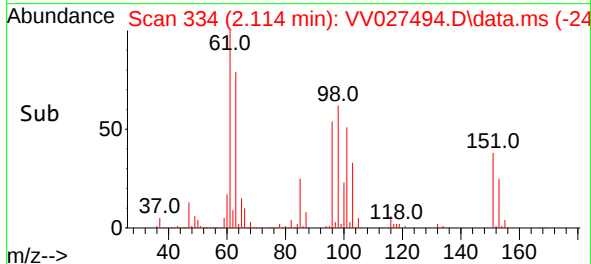
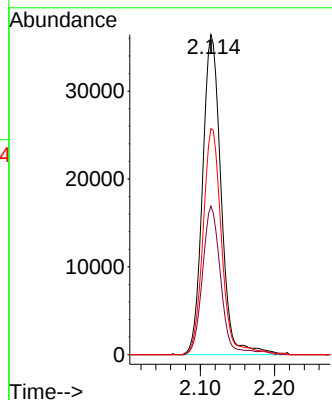
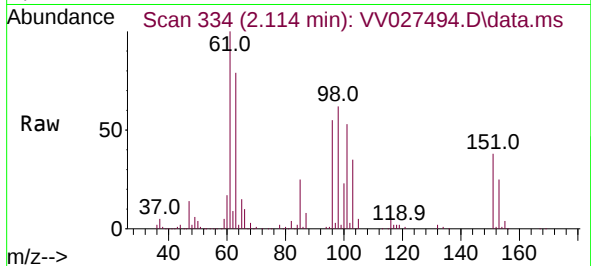




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.596 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV027494.D
 Acq: 25 Aug 2022 09:08

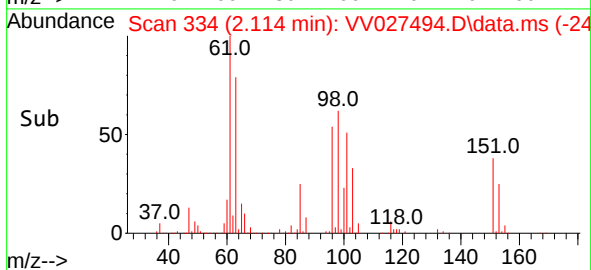
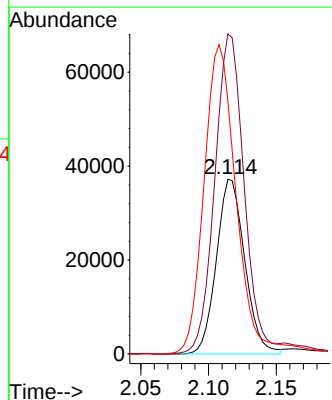
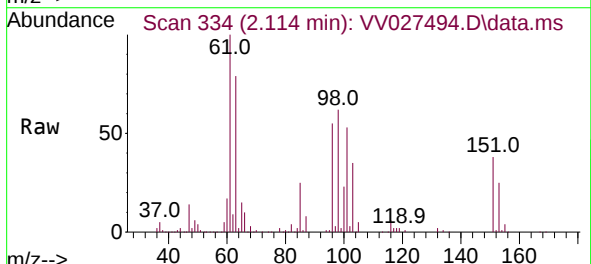
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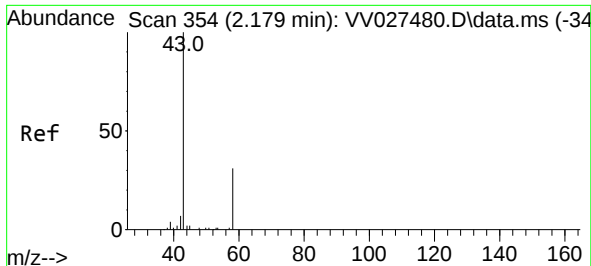
Tgt Ion:101 Resp: 63158
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.3 52.9
 151 71.0 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 5.303 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV027494.D
 Acq: 25 Aug 2022 09:08

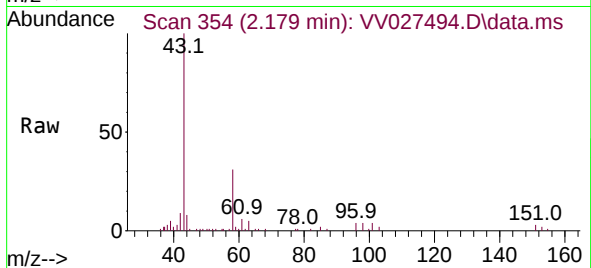
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 Ion Ratio Lower Upper
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 61 183.2 130.2 241.8
 63 145.1 87.4 162.4



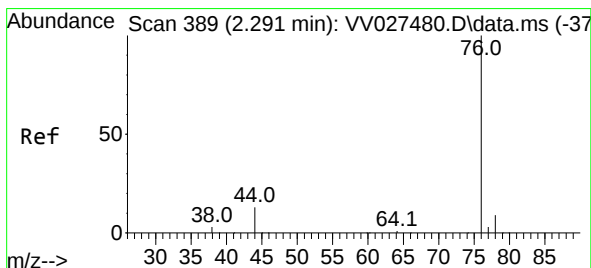
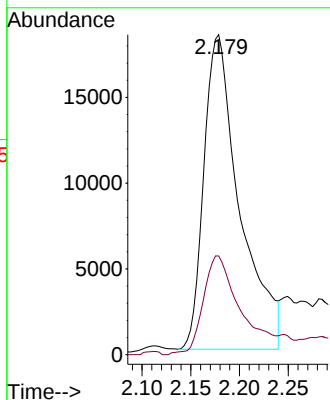
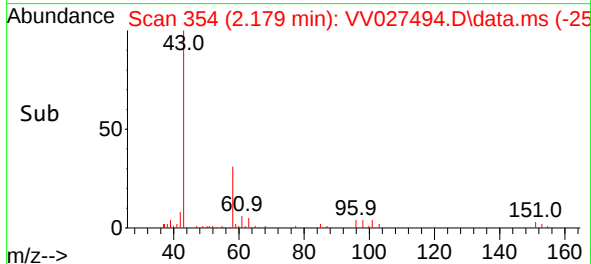


#13
Acetone
Concen: 41.047 ug/L
RT: 2.179 min Scan# 354
Delta R.T. 0.006 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

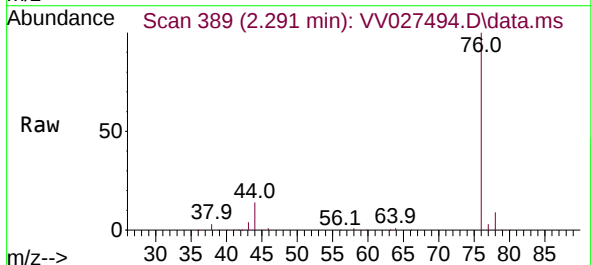
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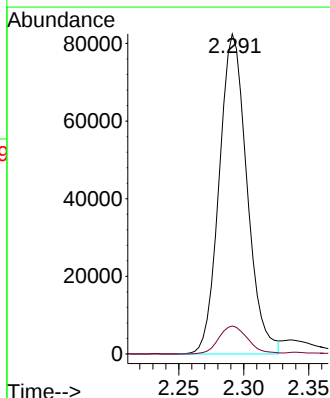
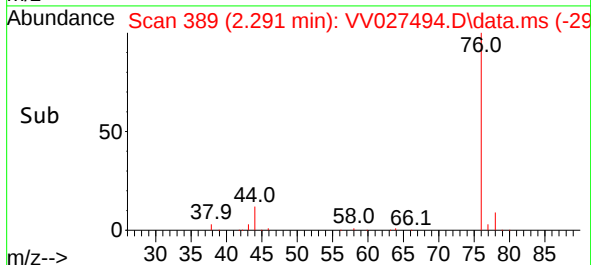
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Ion Ratio Lower Upper
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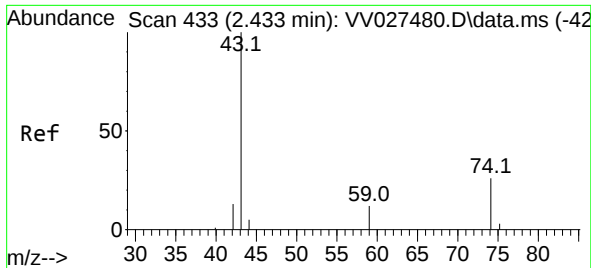


#14
Carbon disulfide
Concen: 4.380 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08



Tgt Ion: 76 Resp: 122721
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

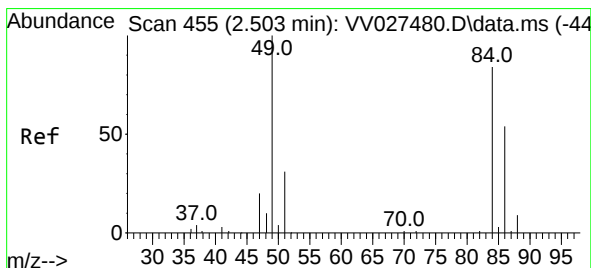
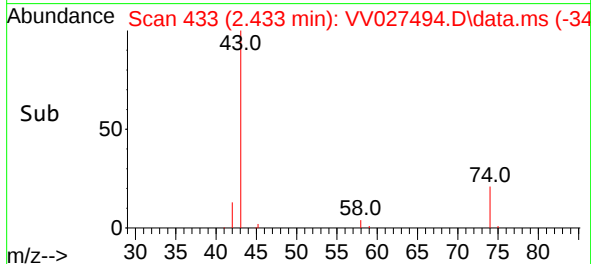
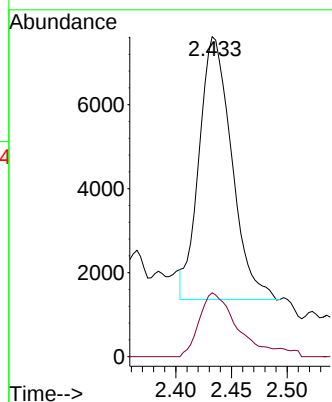
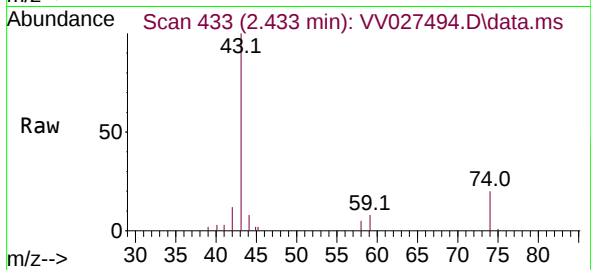




#15
Methyl Acetate
Concen: 4.030 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

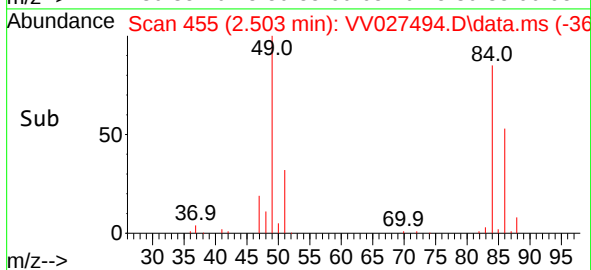
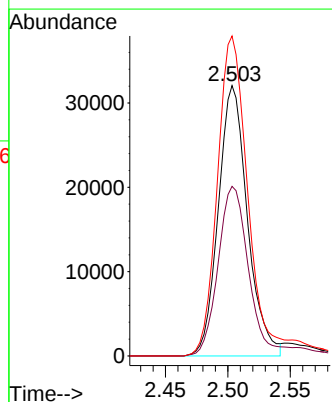
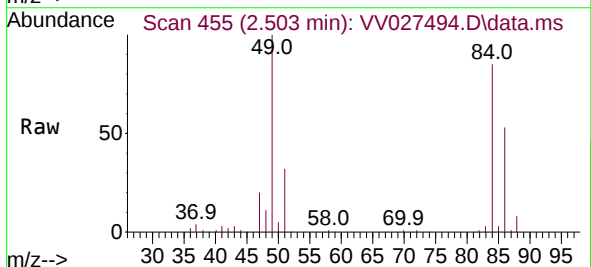
Instrument :
MSVOA_V
ClientSampleId :

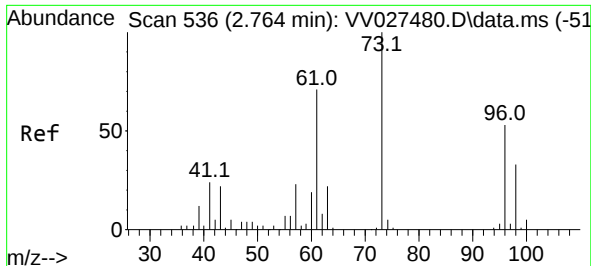
Tgt Ion: 43 Resp: 12735
Ion Ratio Lower Upper
43 100
74 29.4 16.3 24.5#



#16
Methylene chloride
Concen: 3.393 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

Tgt Ion: 84 Resp: 52219
Ion Ratio Lower Upper
84 100
86 62.7 44.0 81.6
49 118.3 89.4 166.0

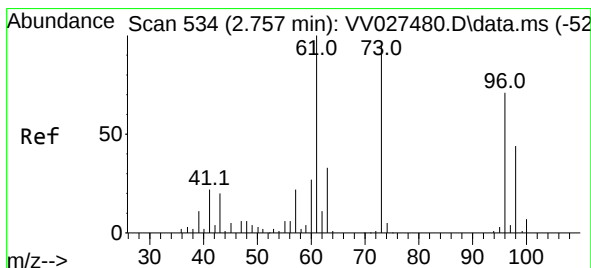
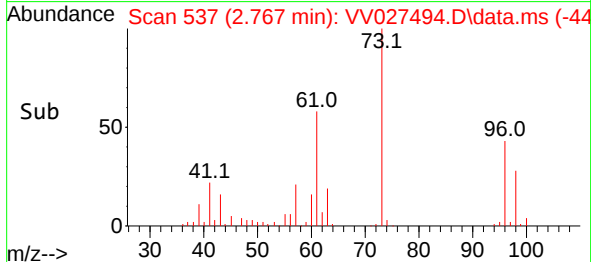
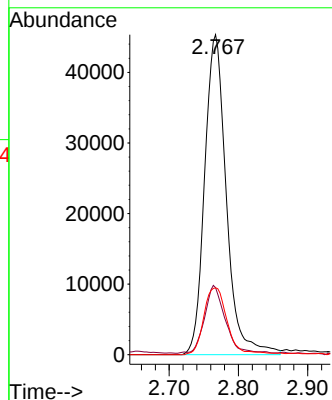
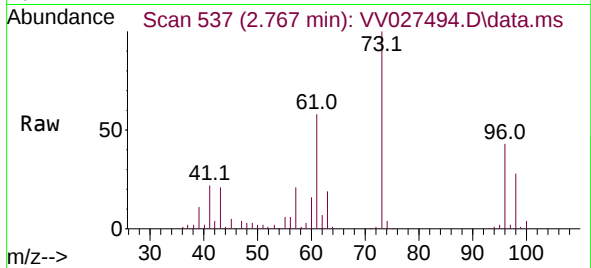




#17
Methyl tert-butyl Ether
Concen: 4.661 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

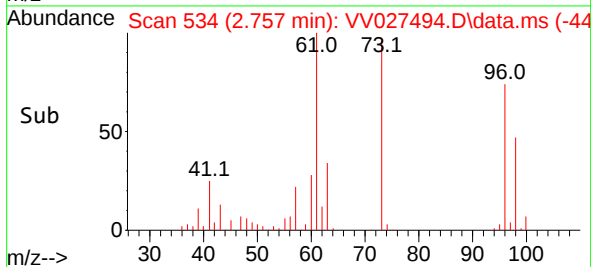
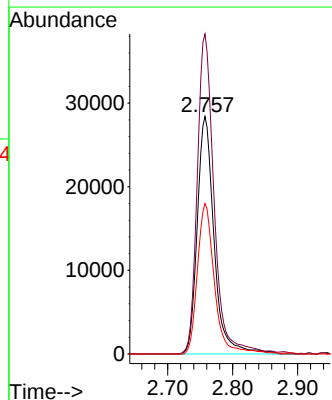
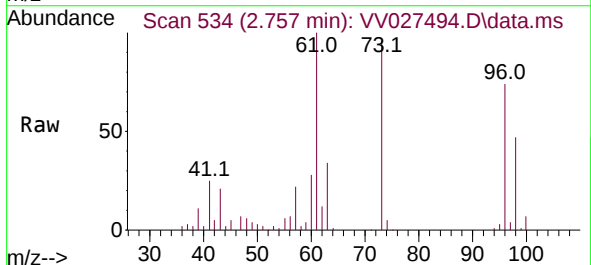
Instrument :
MSVOA_V
ClientSampleId :

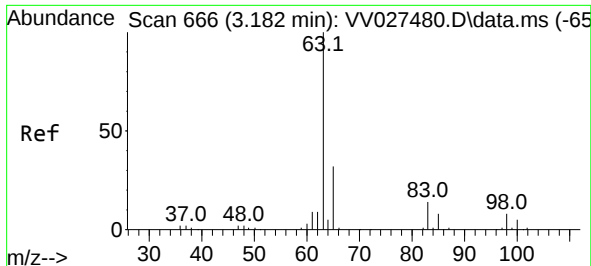
Tgt Ion: 73 Resp: 98439
Ion Ratio Lower Upper
73 100
43 19.9 15.6 23.4
57 22.5 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.885 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

Tgt Ion: 96 Resp: 51372
Ion Ratio Lower Upper
96 100
61 134.8 97.6 181.4
98 63.3 45.9 85.3





#19

1,1-Dichloroethane

Concen: 4.751 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV027494.D

Acq: 25 Aug 2022 09:08

Instrument :

MSVOA_V

ClientSampleId :

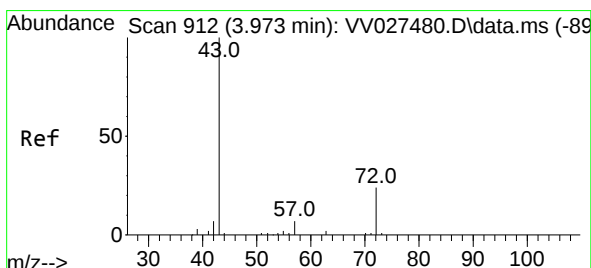
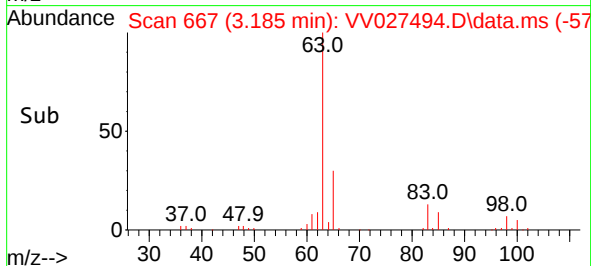
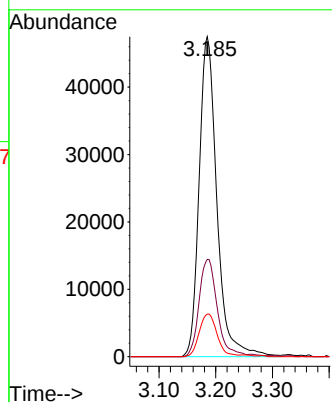
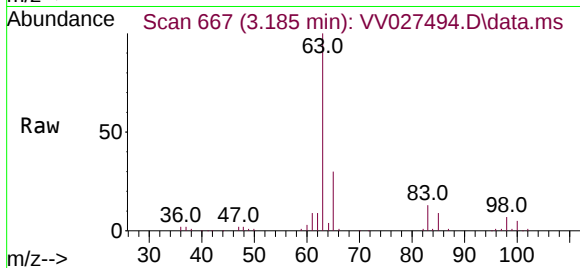
Tgt Ion: 63 Resp: 103426

Ion Ratio Lower Upper

63 100

65 30.4 22.1 41.1

83 13.3 9.6 17.8



#21

2-Butanone

Concen: 37.641 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.003 min

Lab File: VV027494.D

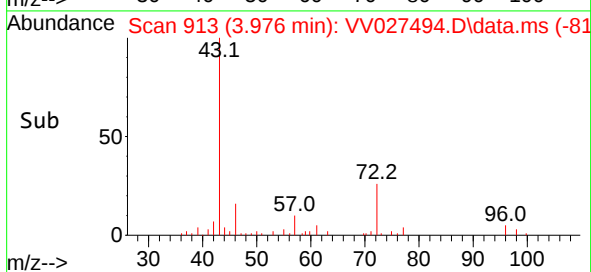
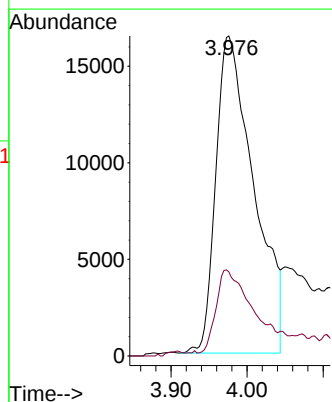
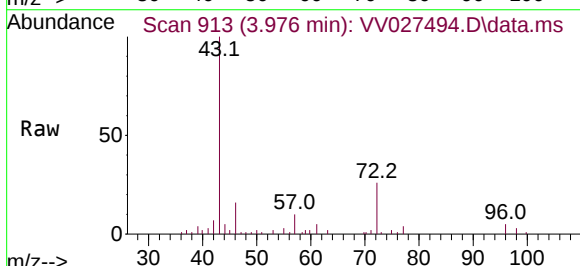
Acq: 25 Aug 2022 09:08

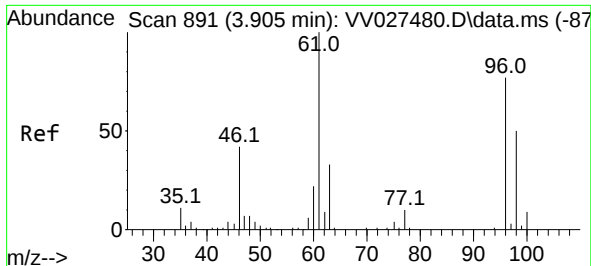
Tgt Ion: 43 Resp: 57167

Ion Ratio Lower Upper

43 100

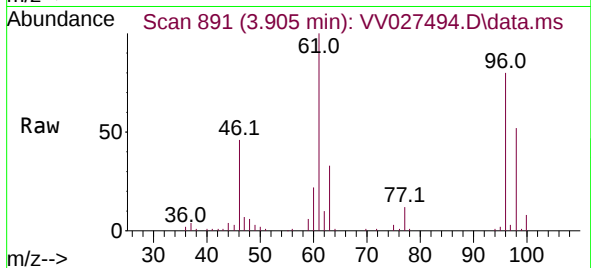
72 25.0 12.0 36.1



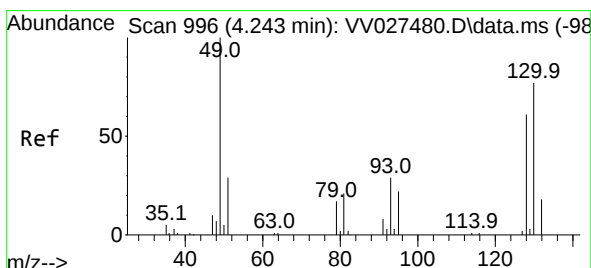
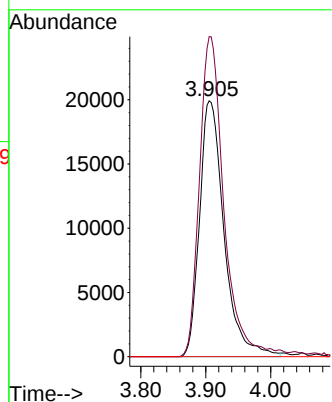
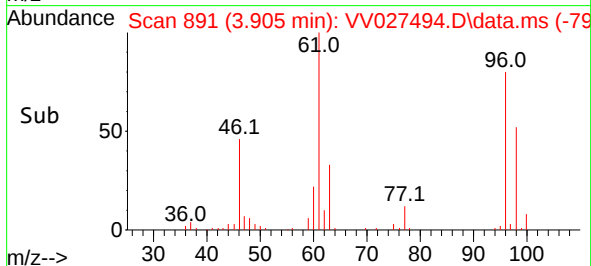


#22
 cis-1,2-Dichloroethene
 Concen: 4.663 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV027494.D
 Acq: 25 Aug 2022 09:08

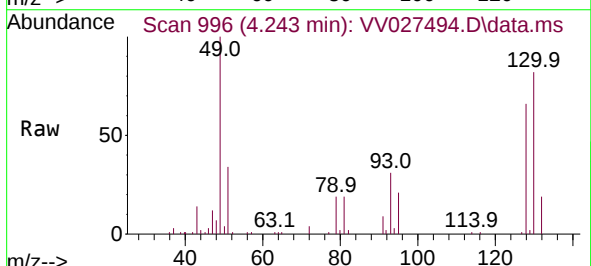
Instrument :
 MSVOA_V
 ClientSampleId :



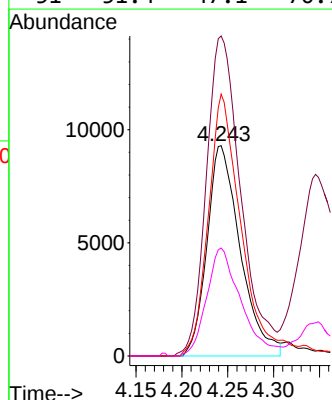
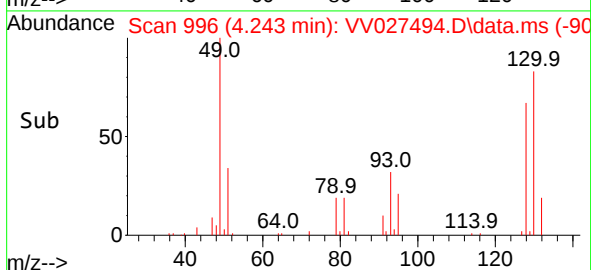
Tgt Ion: 96 Resp: 52266
 Ion Ratio Lower Upper
 96 100
 61 125.1 90.6 168.2
 68 0.0 0.0 0.0

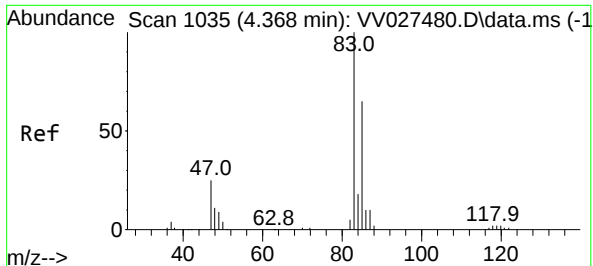


#23
 Bromochloromethane
 Concen: 4.738 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VV027494.D
 Acq: 25 Aug 2022 09:08



Tgt Ion: 128 Resp: 23416
 Ion Ratio Lower Upper
 128 100
 49 152.2 127.5 236.7
 130 124.5 97.0 180.2
 51 51.4 47.1 70.7





#25

Chloroform

Concen: 4.641 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV027494.D

Acq: 25 Aug 2022 09:08

Instrument :

MSVOA_V

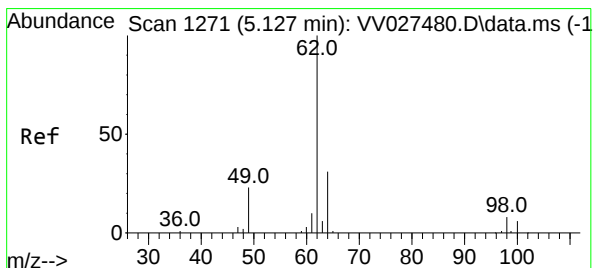
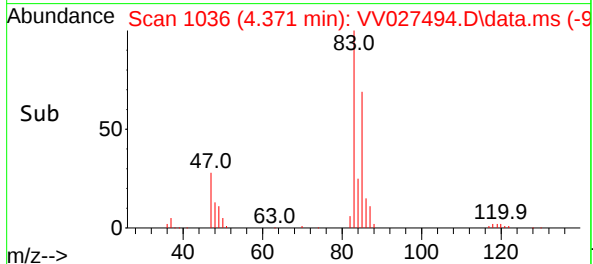
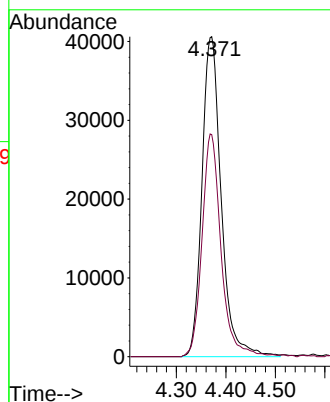
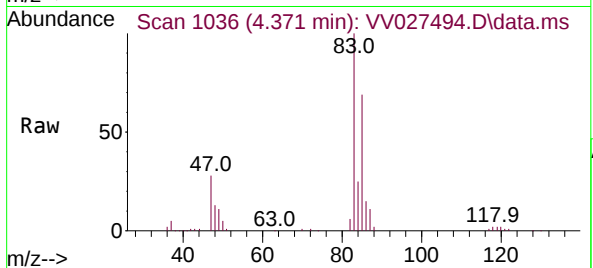
ClientSampleId :

Tgt Ion: 83 Resp: 109863

Ion Ratio Lower Upper

83 100

85 69.4 43.3 80.5



#27

1,2-Dichloroethane

Concen: 4.836 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV027494.D

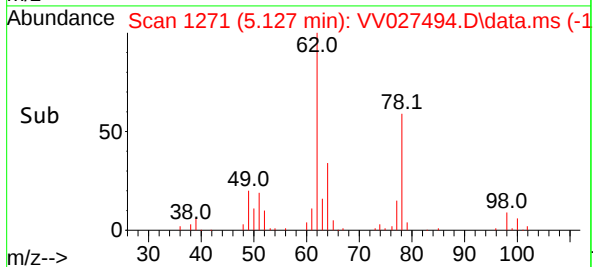
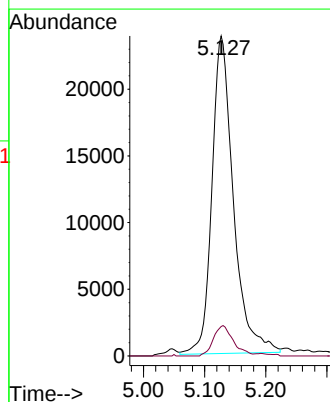
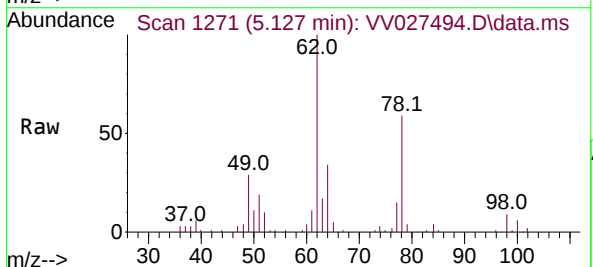
Acq: 25 Aug 2022 09:08

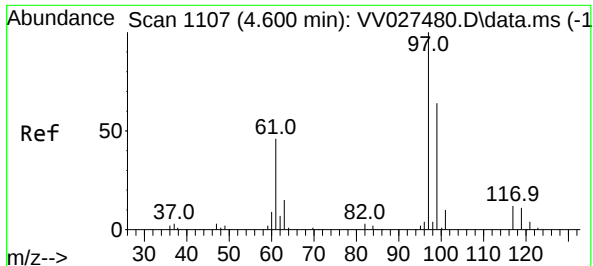
Tgt Ion: 62 Resp: 58174

Ion Ratio Lower Upper

62 100

98 9.2 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.730 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV027494.D

Acq: 25 Aug 2022 09:08

Instrument :

MSVOA_V

ClientSampleId :

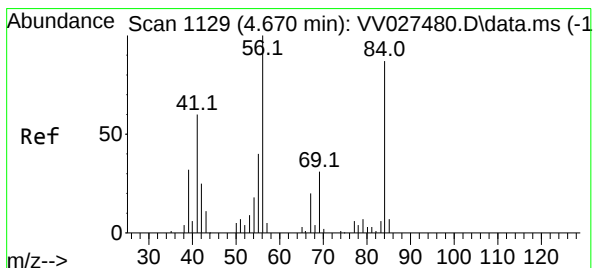
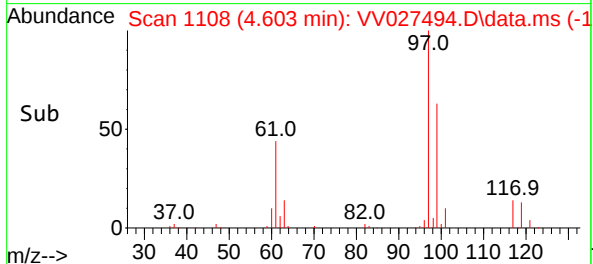
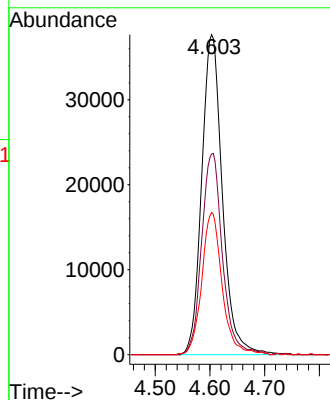
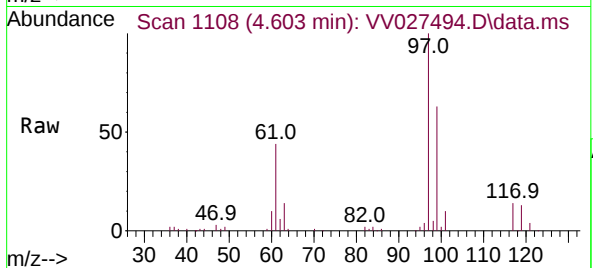
Tgt Ion: 97 Resp: 98864

Ion Ratio Lower Upper

97 100

99 63.4 51.1 76.7

61 43.6 35.9 53.9



#30

Cyclohexane

Concen: 4.377 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV027494.D

Acq: 25 Aug 2022 09:08

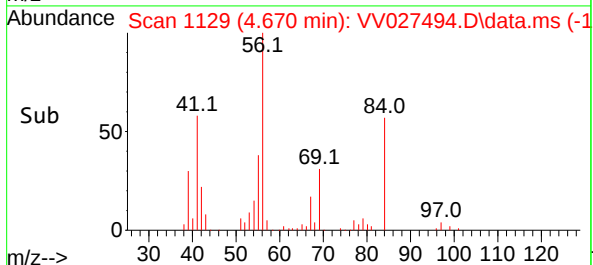
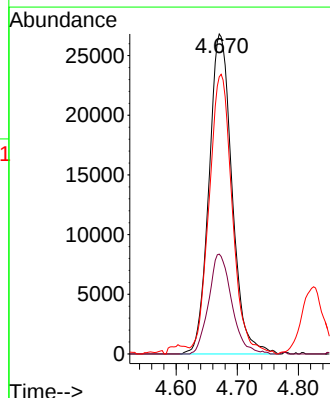
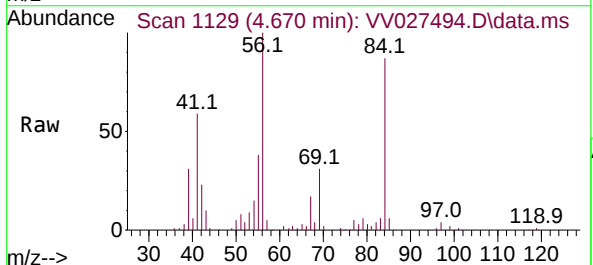
Tgt Ion: 56 Resp: 70225

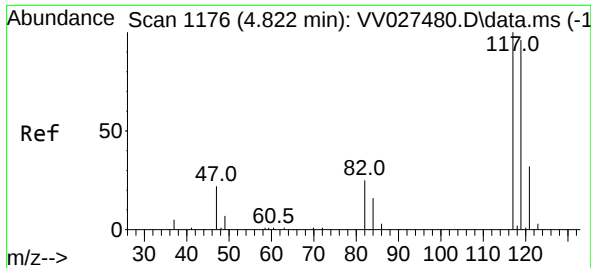
Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.0

84 87.7 69.7 104.5

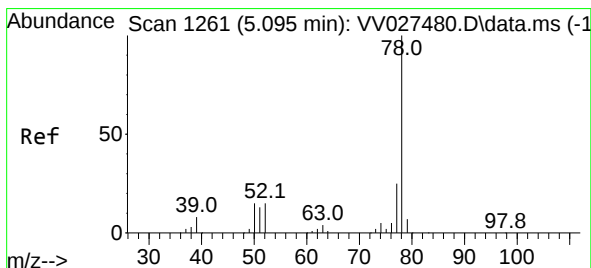
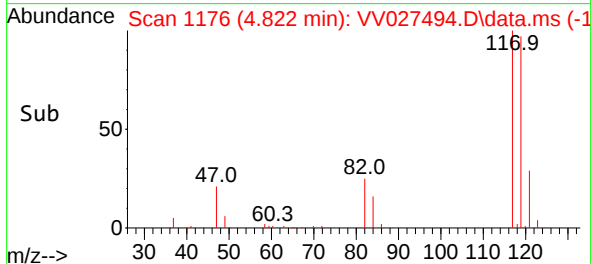
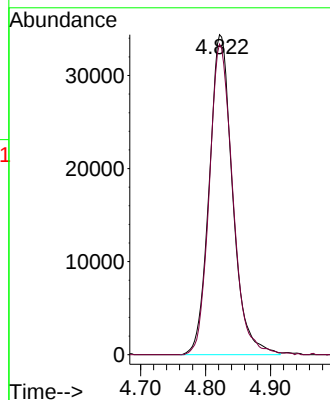
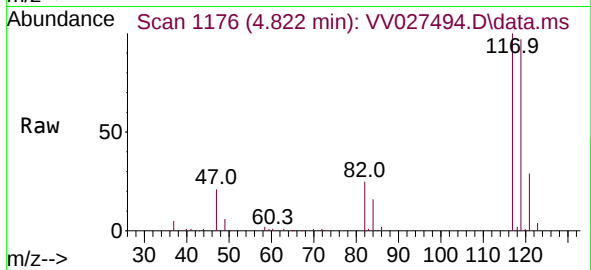




#31
Carbon tetrachloride
Concen: 4.732 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

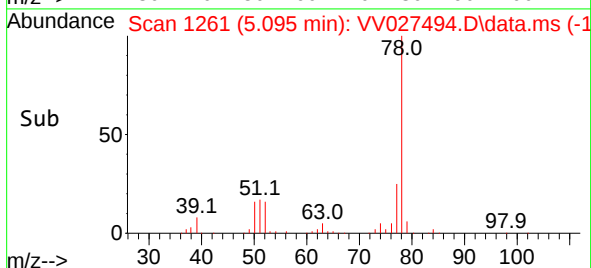
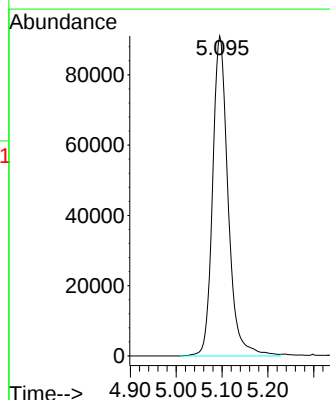
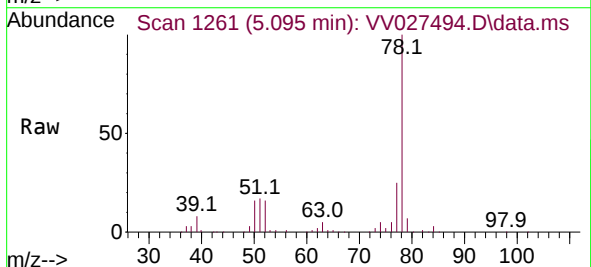
Instrument :
MSVOA_V
ClientSampleId :

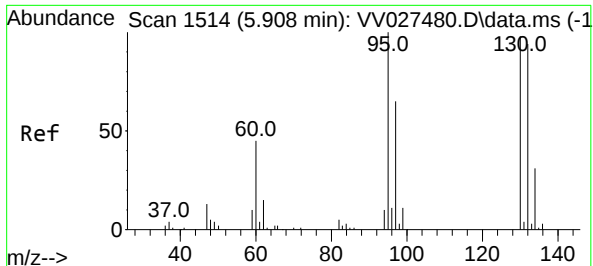
Tgt Ion:117 Resp: 86009
Ion Ratio Lower Upper
117 100
119 97.2 76.1 114.1



#33
Benzene
Concen: 4.724 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

Tgt Ion: 78 Resp: 213915

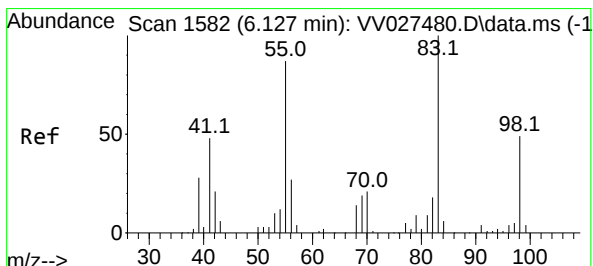
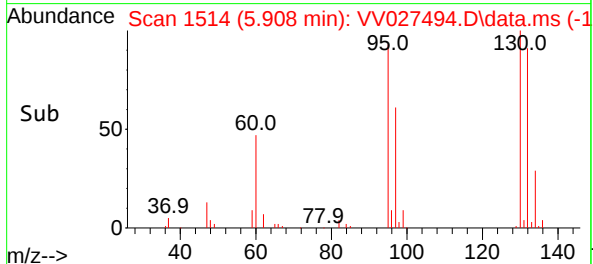
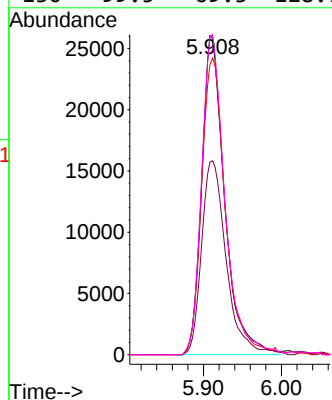
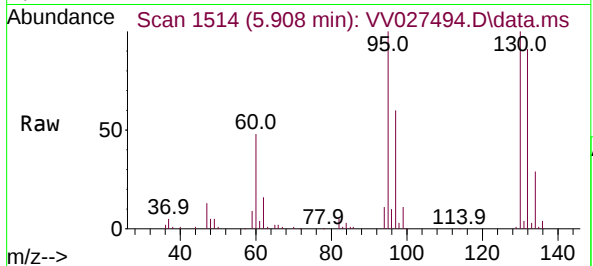




#34
Trichloroethene
Concen: 4.474 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

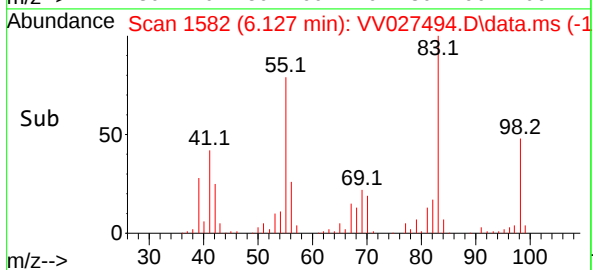
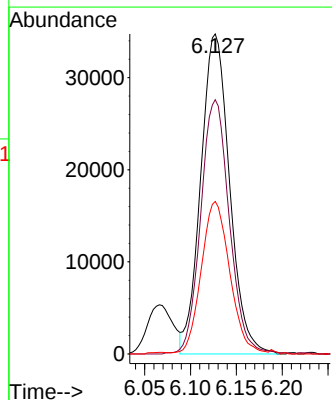
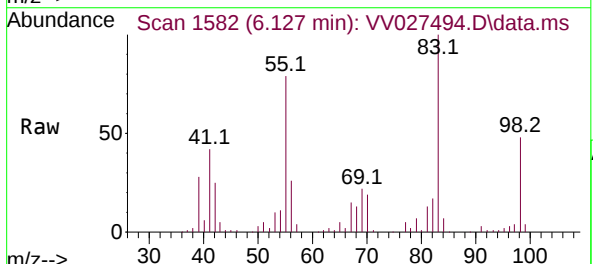
Instrument :
MSVOA_V
ClientSampleId :

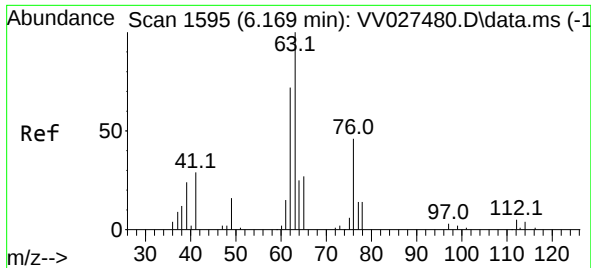
Tgt Ion: 95 Resp: 53307
Ion Ratio Lower Upper
95 100
97 60.4 45.0 83.6
132 90.9 65.7 121.9
130 99.5 69.3 128.7



#35
Methylcyclohexane
Concen: 4.542 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

Tgt Ion: 83 Resp: 76120
Ion Ratio Lower Upper
83 100
55 78.8 68.2 102.4
98 46.1 39.0 58.4

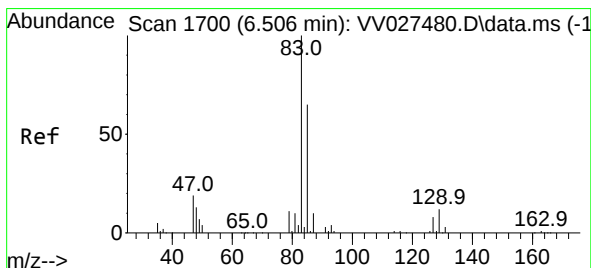
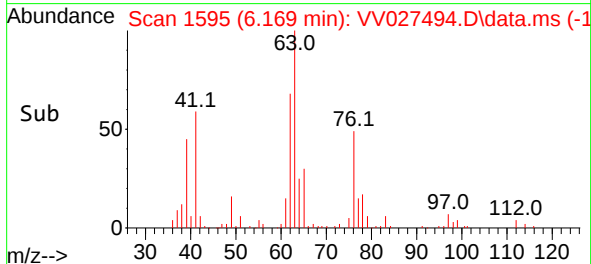
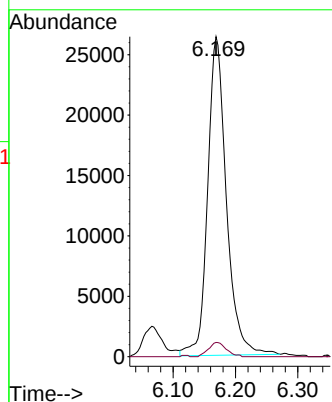
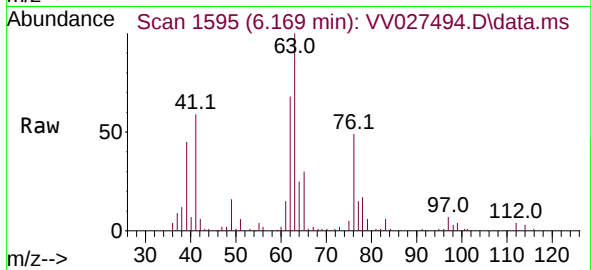




#37
1,2-Dichloropropane
Concen: 4.562 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

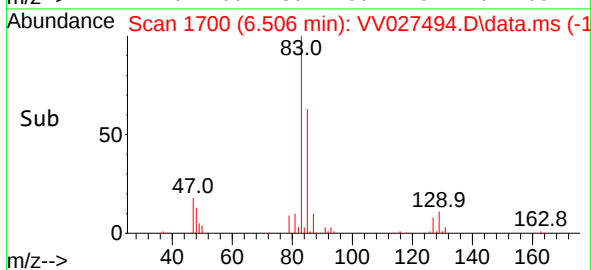
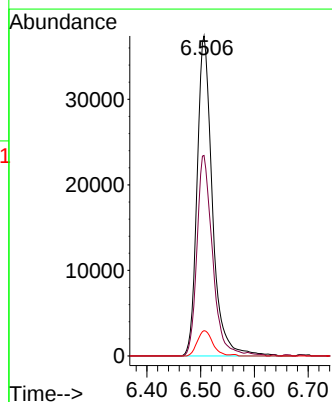
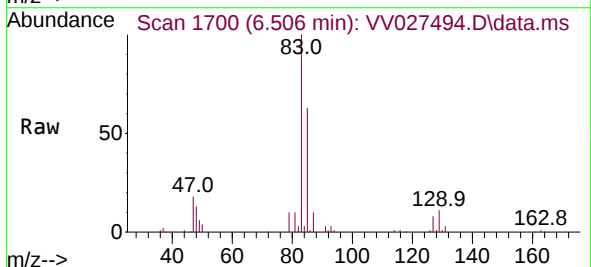
Instrument :
MSVOA_V
ClientSampleId :

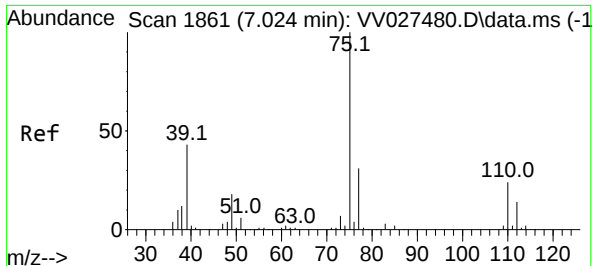
Tgt Ion: 63 Resp: 55072
Ion Ratio Lower Upper
63 100
112 4.3 3.9 5.9



#38
Bromodichloromethane
Concen: 4.823 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

Tgt Ion: 83 Resp: 73818
Ion Ratio Lower Upper
83 100
85 62.6 45.3 84.1
127 7.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.617 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV027494.D

Acq: 25 Aug 2022 09:08

Instrument :

MSVOA_V

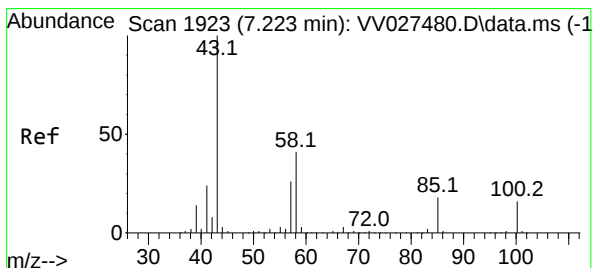
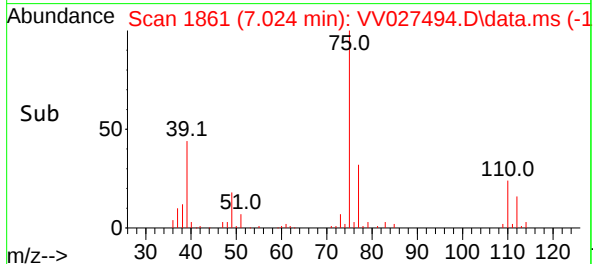
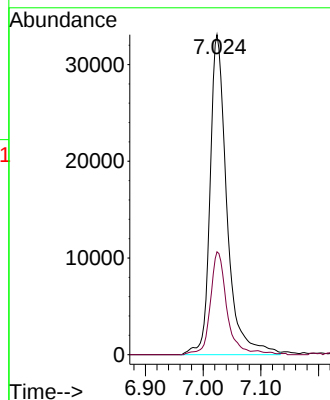
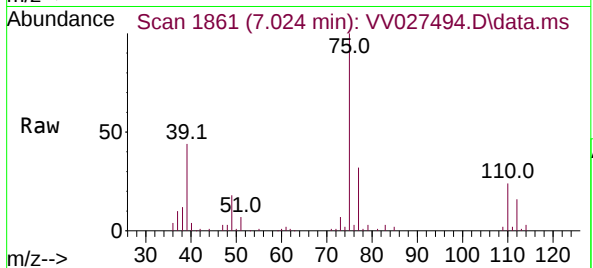
ClientSampleId :

Tgt Ion: 75 Resp: 67200

Ion Ratio Lower Upper

75 100

77 32.2 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 45.859 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV027494.D

Acq: 25 Aug 2022 09:08

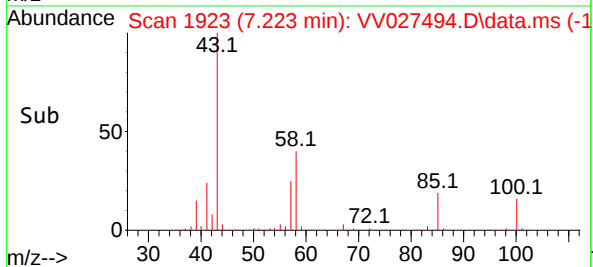
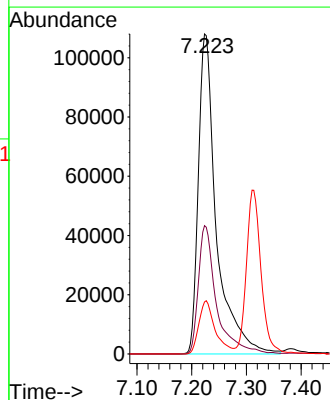
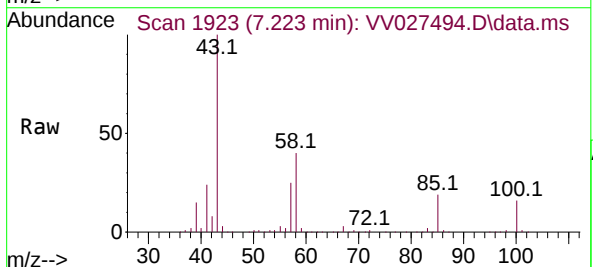
Tgt Ion: 43 Resp: 247339

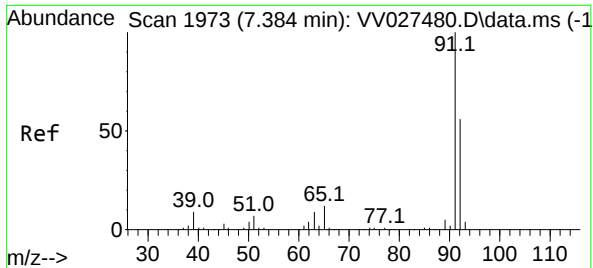
Ion Ratio Lower Upper

43 100

58 40.0 30.6 45.8

100 15.2 11.0 16.4





#42

Toluene

Concen: 4.989 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV027494.D

Acq: 25 Aug 2022 09:08

Instrument :

MSVOA_V

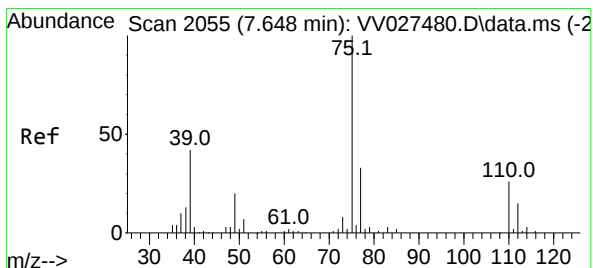
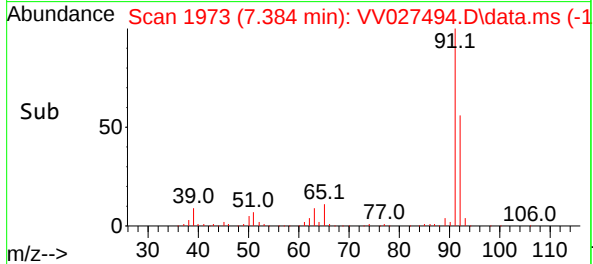
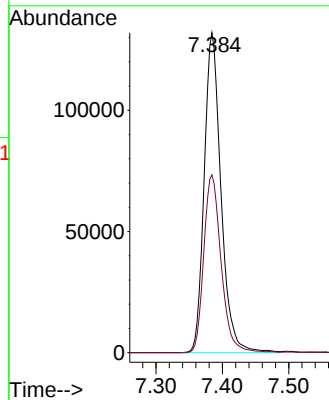
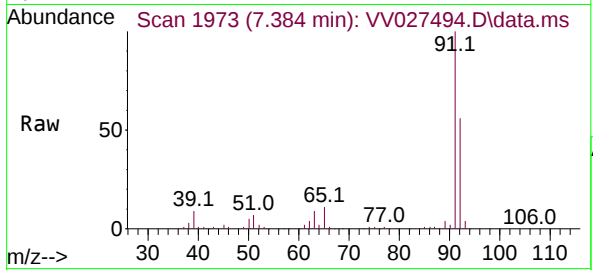
ClientSampleId :

Tgt Ion: 91 Resp: 233157

Ion Ratio Lower Upper

91 100

92 55.6 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.767 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV027494.D

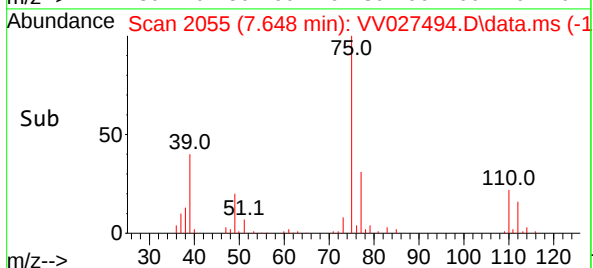
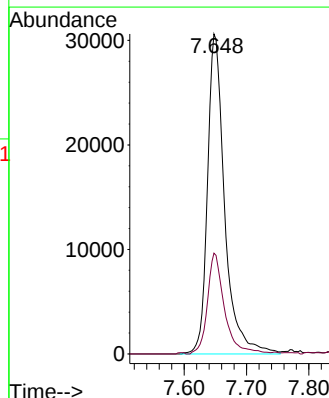
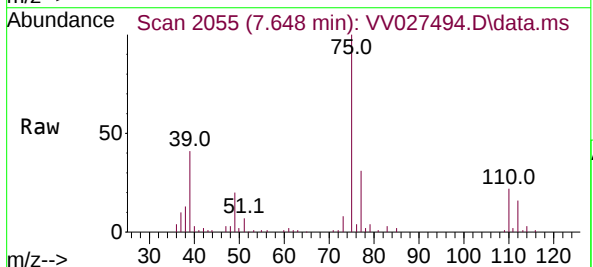
Acq: 25 Aug 2022 09:08

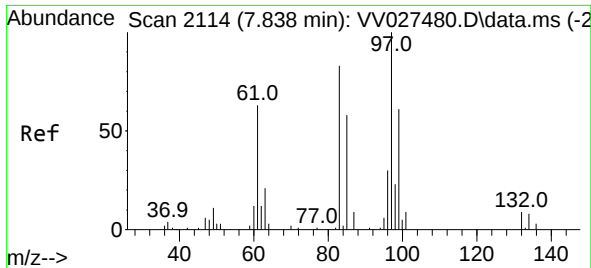
Tgt Ion: 75 Resp: 58656

Ion Ratio Lower Upper

75 100

77 31.5 22.3 41.5



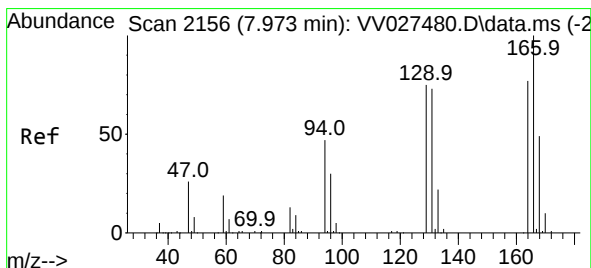
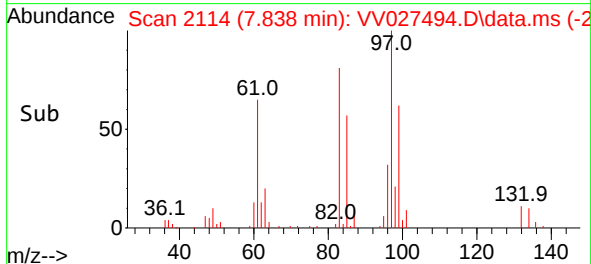
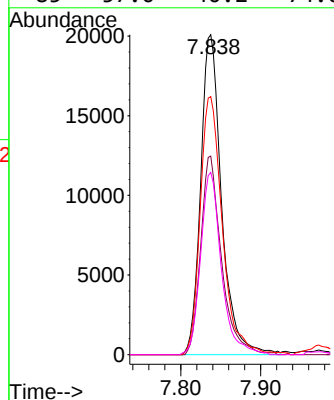
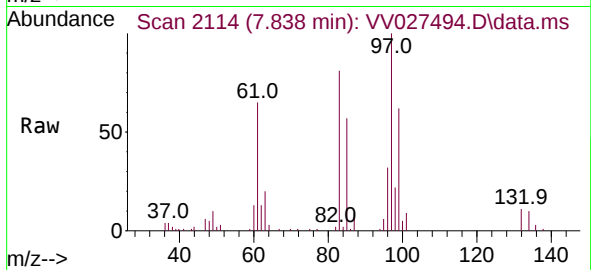


#45
1,1,2-Trichloroethane
Concen: 4.750 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 36659

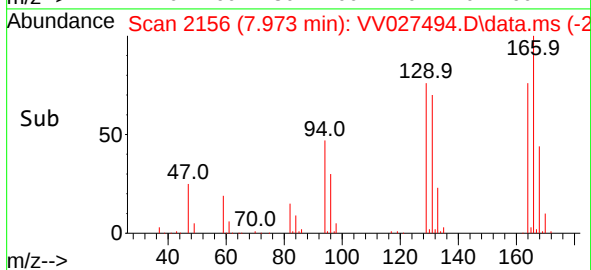
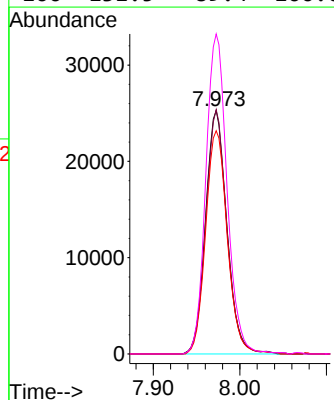
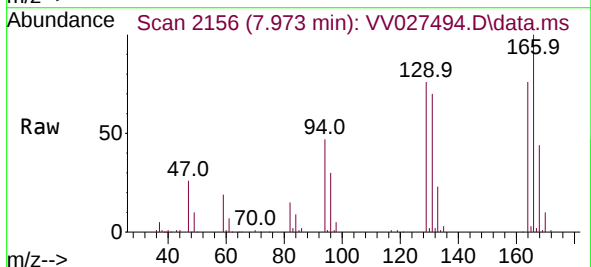
Ion	Ratio	Lower	Upper
97	100		
99	62.1	46.1	85.7
83	80.6	63.0	117.0
85	57.0	40.2	74.6

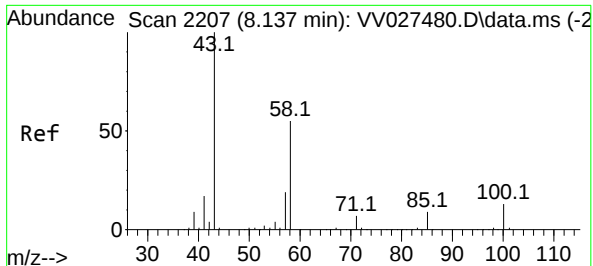


#47
Tetrachloroethene
Concen: 4.667 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

Tgt Ion: 164 Resp: 43318

Ion	Ratio	Lower	Upper
164	100		
129	100.4	71.1	132.1
131	91.7	64.5	119.9
166	131.5	89.4	166.0

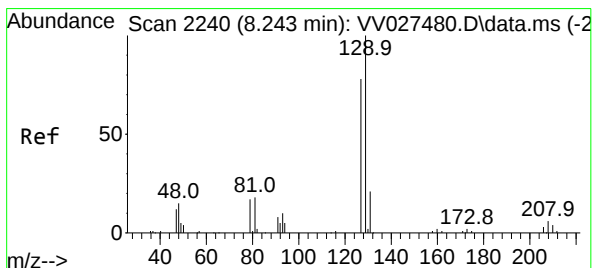
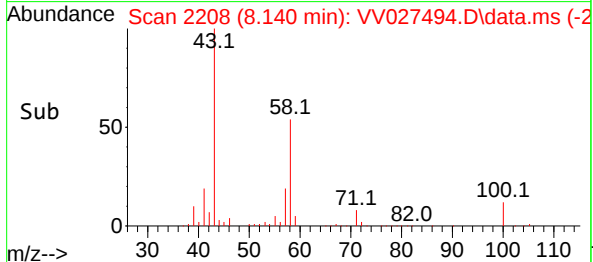
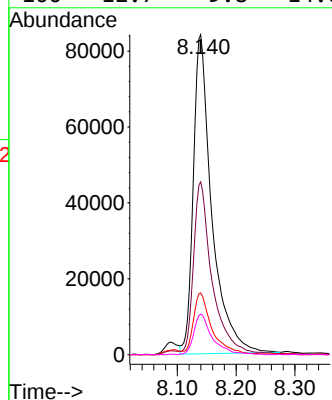
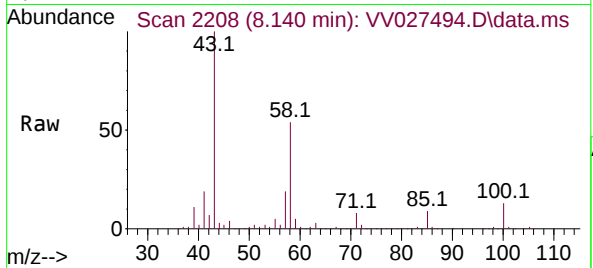




#48
2-Hexanone
Concen: 47.372 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

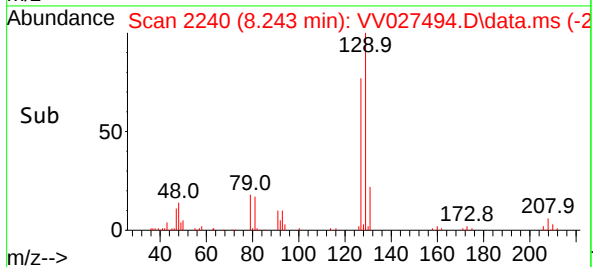
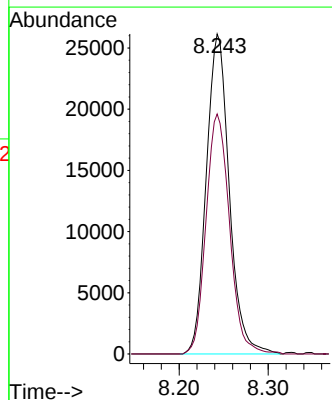
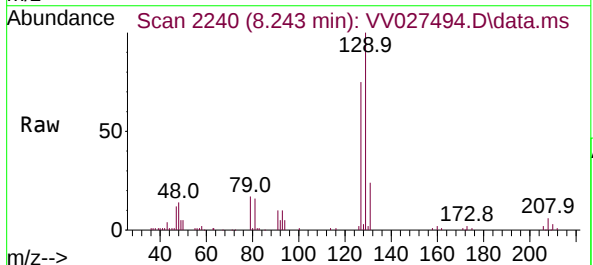
Instrument :
MSVOA_V
ClientSampleId :

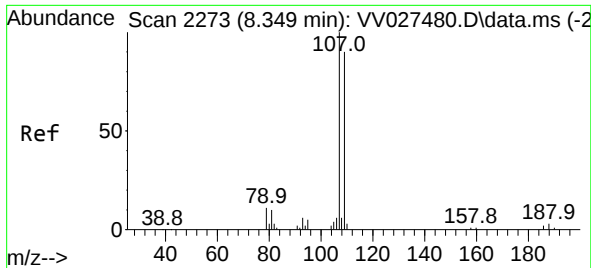
Tgt Ion: 43 Resp: 184104
Ion Ratio Lower Upper
43 100
58 53.7 41.3 61.9
57 19.1 14.9 22.3
100 12.7 9.8 14.6



#49
Dibromochloromethane
Concen: 4.934 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

Tgt Ion: 129 Resp: 46826
Ion Ratio Lower Upper
129 100
127 75.0 55.9 103.7

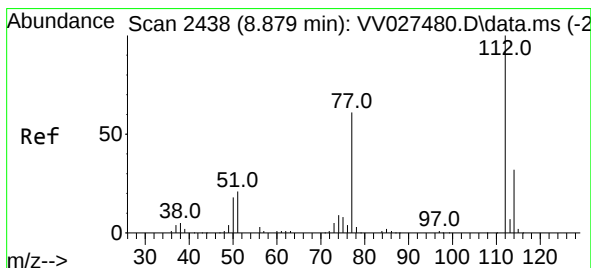
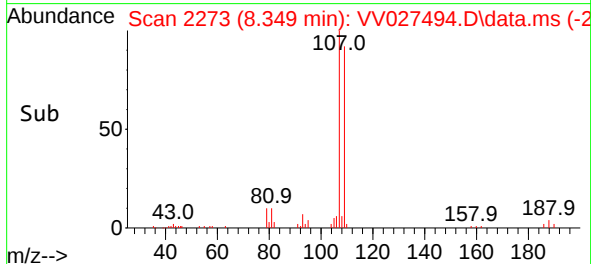
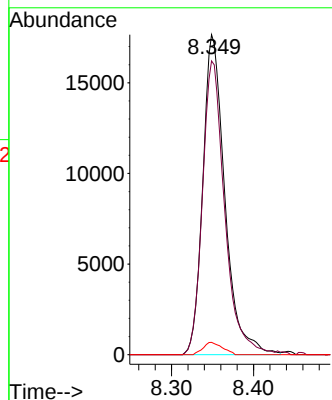
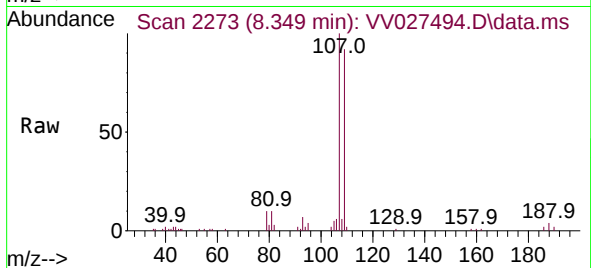




#50
1,2-Dibromoethane
Concen: 4.898 ug/L
RT: 8.349 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

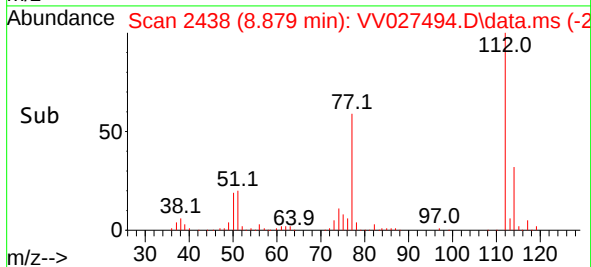
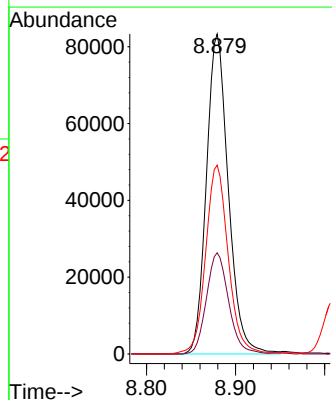
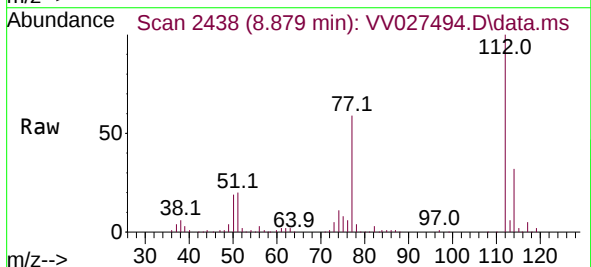
Instrument :
MSVOA_V
ClientSampleId :

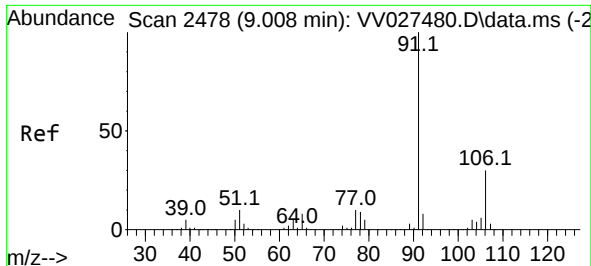
Tgt Ion:107 Resp: 32992
Ion Ratio Lower Upper
107 100
109 91.8 67.8 125.8
188 3.8 3.5 5.3



#51
Chlorobenzene
Concen: 4.711 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

Tgt Ion:112 Resp: 142495
Ion Ratio Lower Upper
112 100
114 31.6 22.7 42.1
77 59.0 46.2 69.4





#52

Ethylbenzene

Concen: 4.775 ug/L

RT: 9.011 min Scan# 2478

Delta R.T. 0.000 min

Lab File: VV027494.D

Acq: 25 Aug 2022 09:08

Instrument :

MSVOA_V

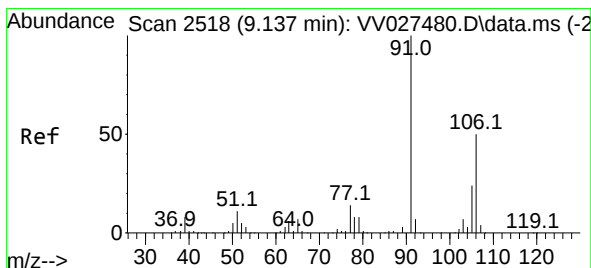
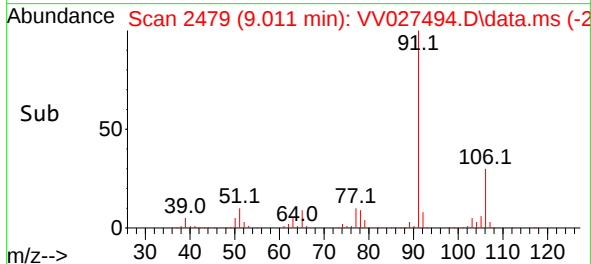
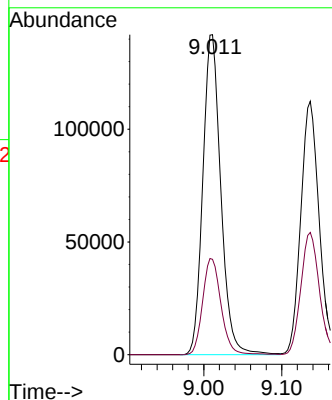
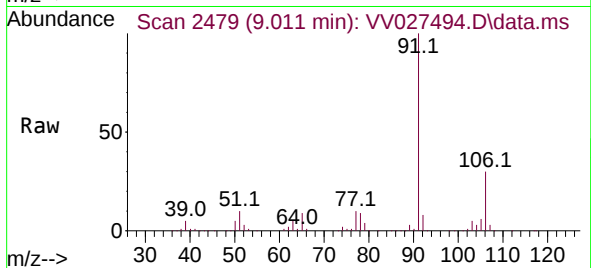
ClientSampleId :

Tgt Ion: 91 Resp: 227773

Ion Ratio Lower Upper

91 100

106 29.8 21.4 39.8



#53

m,p-Xylene

Concen: 4.957 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027494.D

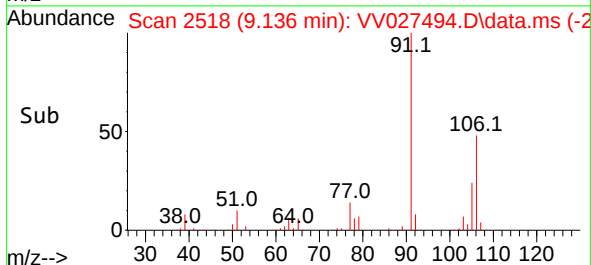
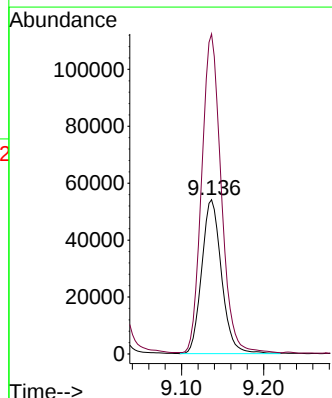
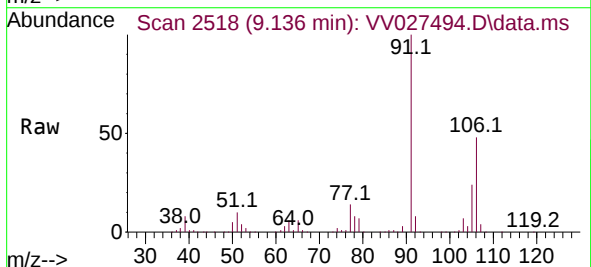
Acq: 25 Aug 2022 09:08

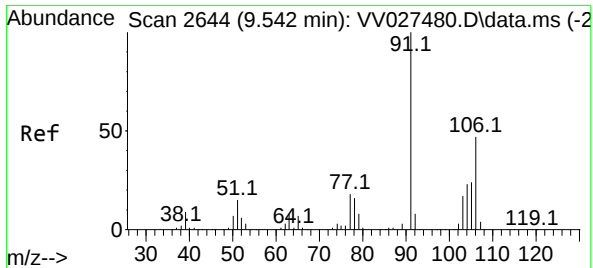
Tgt Ion: 106 Resp: 90491

Ion Ratio Lower Upper

106 100

91 207.5 143.8 267.0

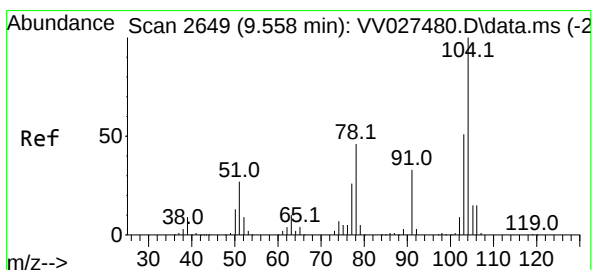
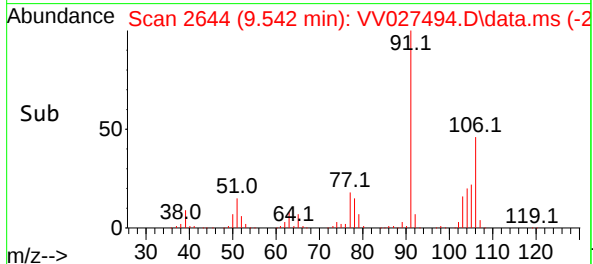
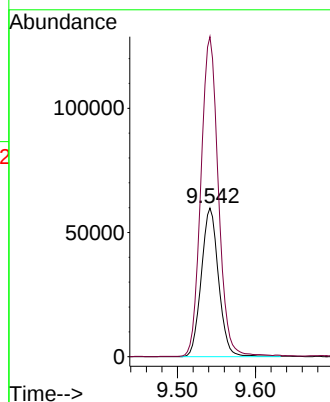
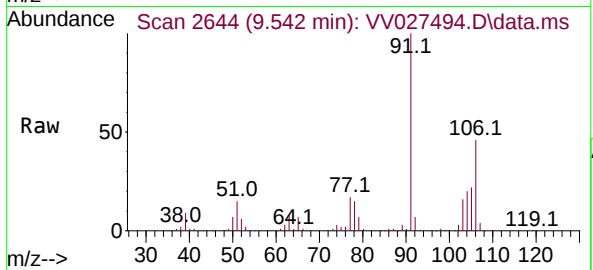




#54
o-Xylene
Concen: 5.207 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

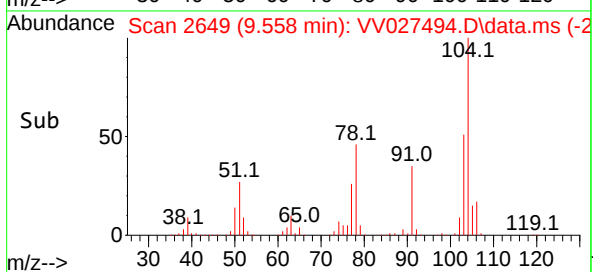
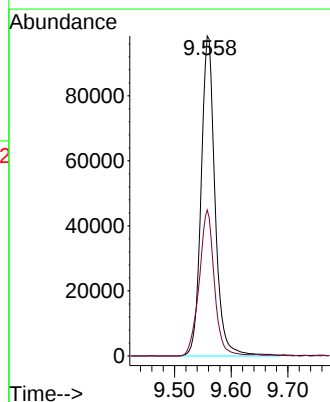
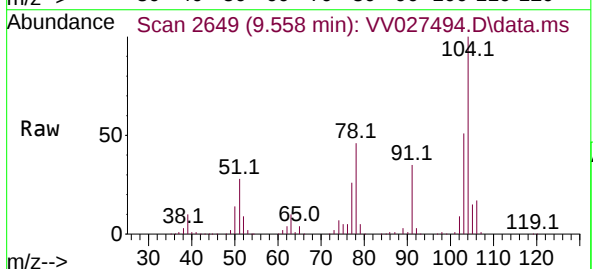
Instrument :
MSVOA_V
ClientSampleId :

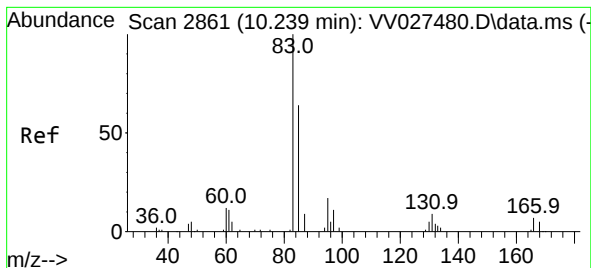
Tgt Ion:106 Resp: 92206
Ion Ratio Lower Upper
106 100
91 215.3 151.6 281.6



#55
Styrene
Concen: 5.589 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

Tgt Ion:104 Resp: 168358
Ion Ratio Lower Upper
104 100
78 45.6 32.0 59.4

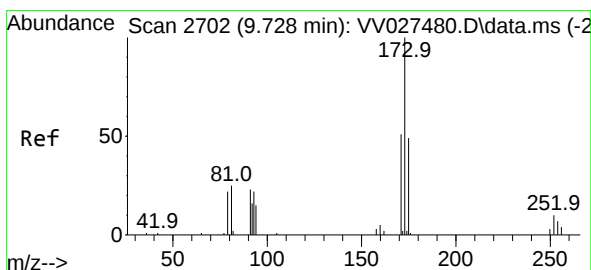
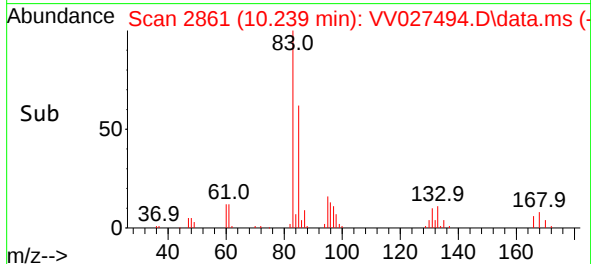
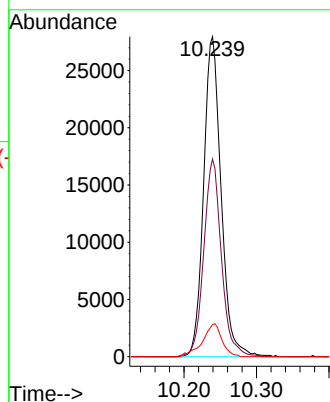
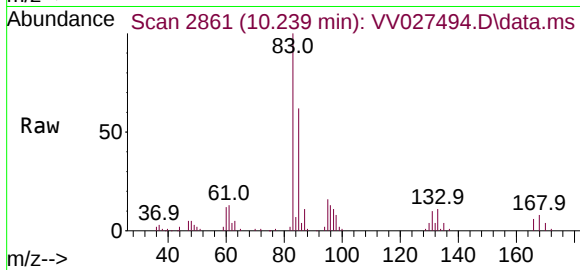




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.388 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027494.D
 Acq: 25 Aug 2022 09:08

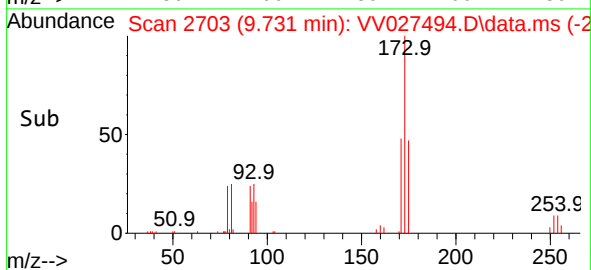
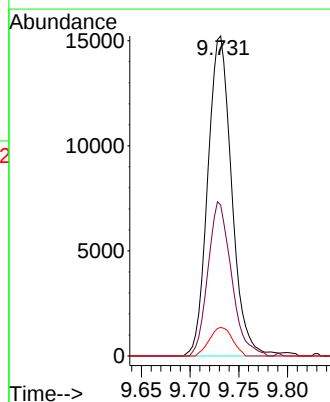
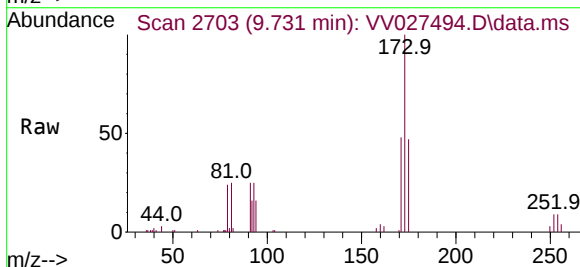
Instrument :
 MSVOA_V
 ClientSampleId :

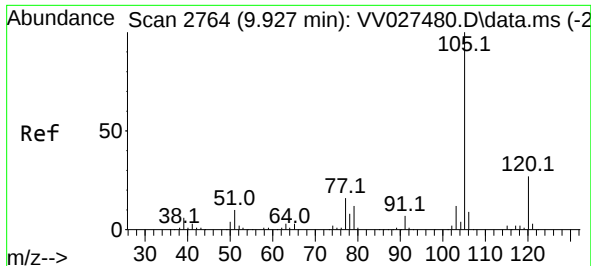
Tgt Ion: 83 Resp: 46834
 Ion Ratio Lower Upper
 83 100
 85 61.8 44.1 81.9
 131 10.0 7.3 10.9



#59
 Bromoform
 Concen: 4.899 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV027494.D
 Acq: 25 Aug 2022 09:08

Tgt Ion: 173 Resp: 25968
 Ion Ratio Lower Upper
 173 100
 175 47.3 39.0 58.6
 254 8.6 7.1 10.7

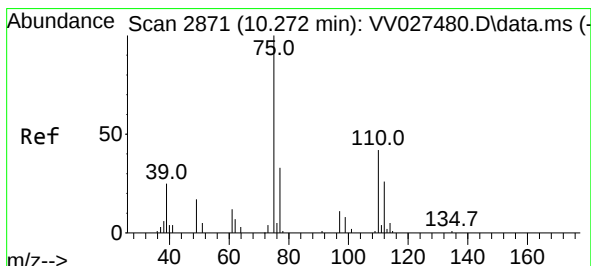
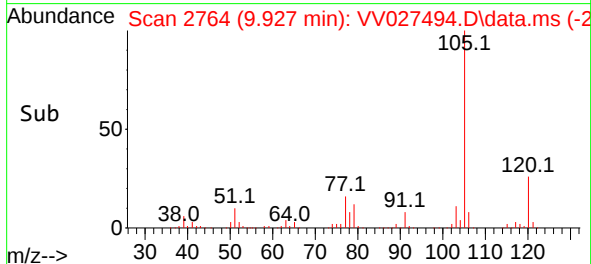
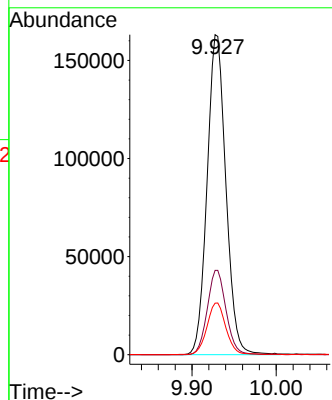
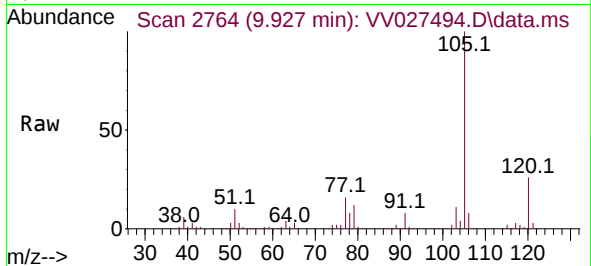




#60
Isopropylbenzene
Concen: 4.865 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. -0.003 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

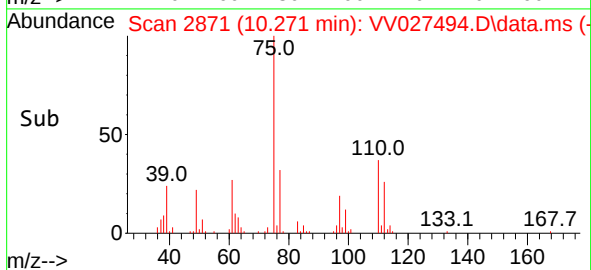
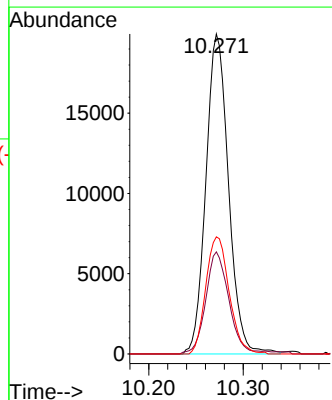
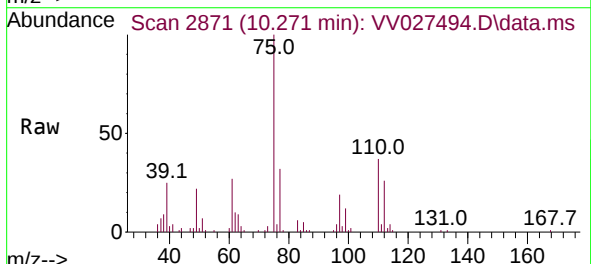
Instrument :
MSVOA_V
ClientSampleId :

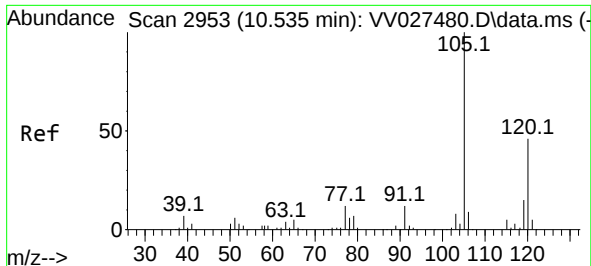
Tgt Ion:105 Resp: 253171
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 16.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.780 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

Tgt Ion: 75 Resp: 33163
Ion Ratio Lower Upper
75 100
77 32.9 26.2 39.2
110 37.9 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 4.417 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV027494.D

Acq: 25 Aug 2022 09:08

Instrument :

MSVOA_V

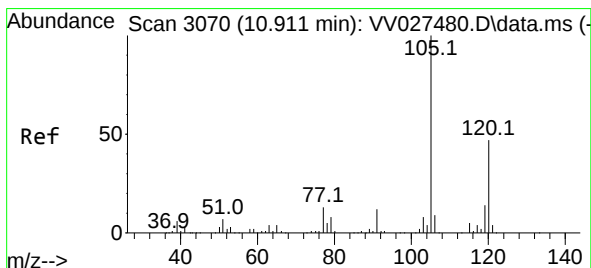
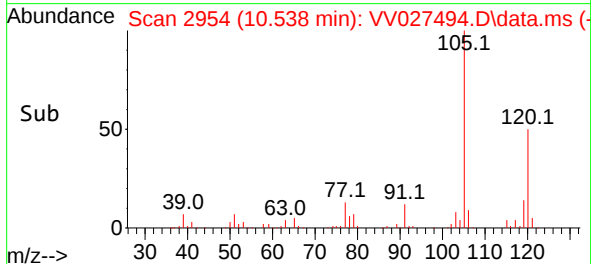
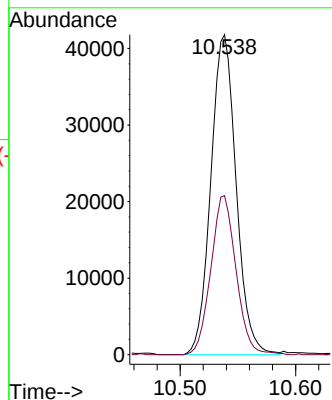
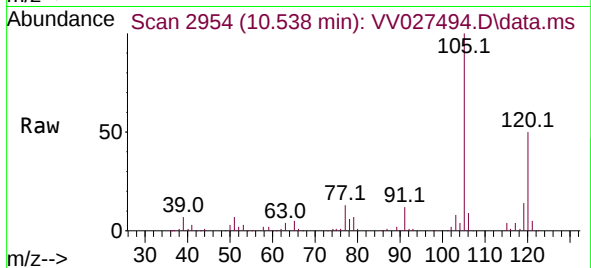
ClientSampleId :

Tgt Ion:105 Resp: 63734

Ion Ratio Lower Upper

105 100

120 49.4 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.477 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV027494.D

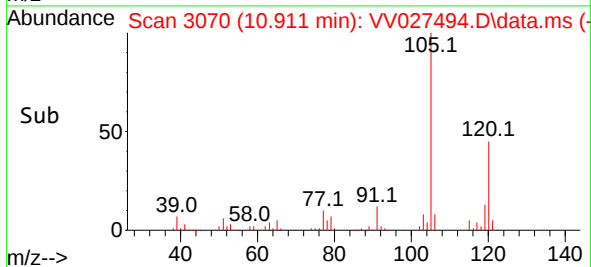
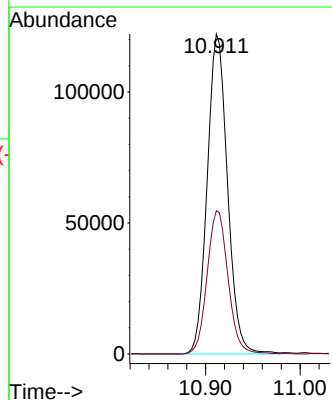
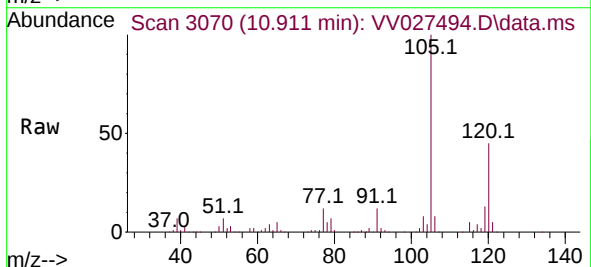
Acq: 25 Aug 2022 09:08

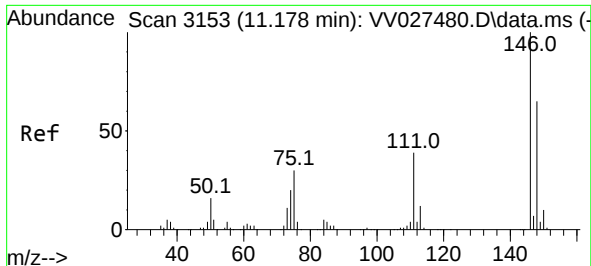
Tgt Ion:105 Resp: 182026

Ion Ratio Lower Upper

105 100

120 46.2 35.8 53.6

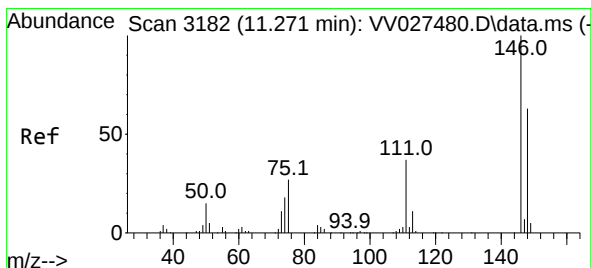
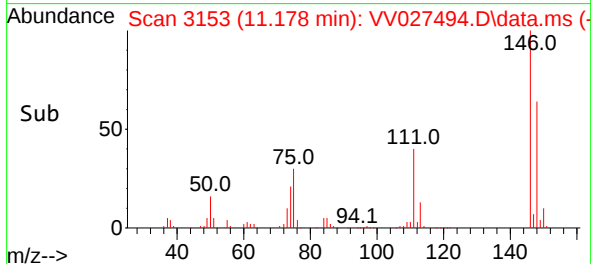
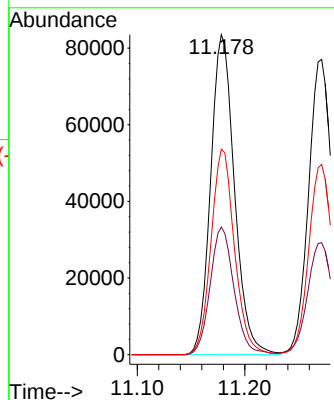
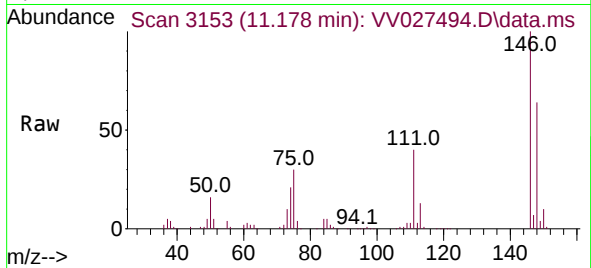




#64
1,3-Dichlorobenzene
Concen: 5.012 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

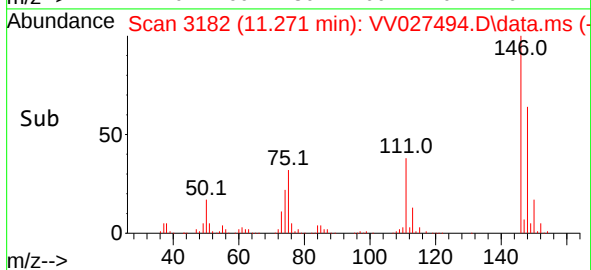
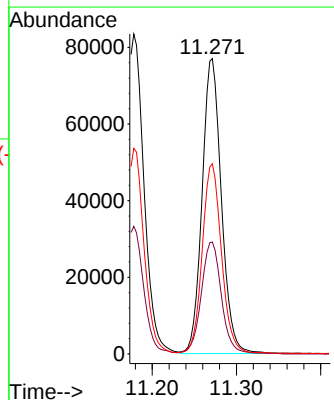
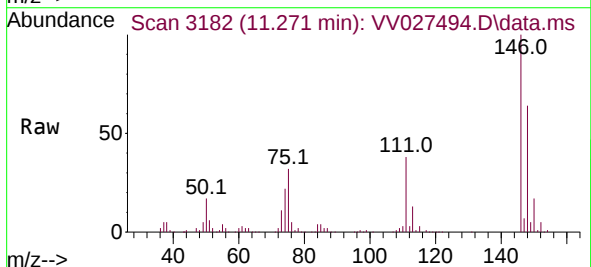
Instrument :
MSVOA_V
ClientSampleId :

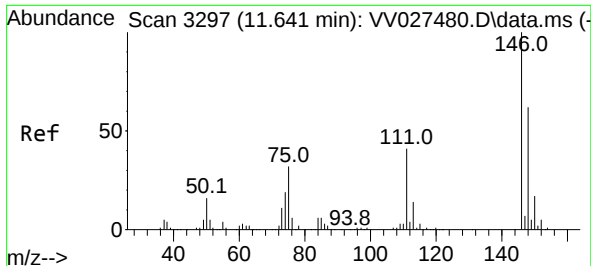
Tgt Ion:146 Resp: 128512
Ion Ratio Lower Upper
146 100
111 39.9 28.8 53.4
148 64.2 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 4.801 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

Tgt Ion:146 Resp: 122718
Ion Ratio Lower Upper
146 100
111 37.9 26.6 49.4
148 64.4 42.6 79.0

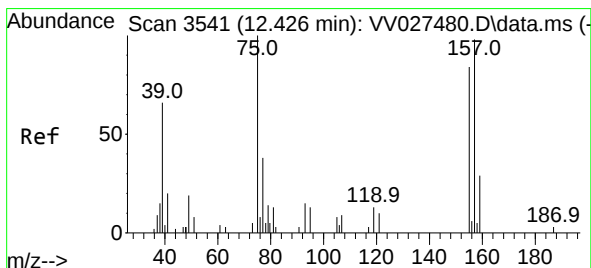
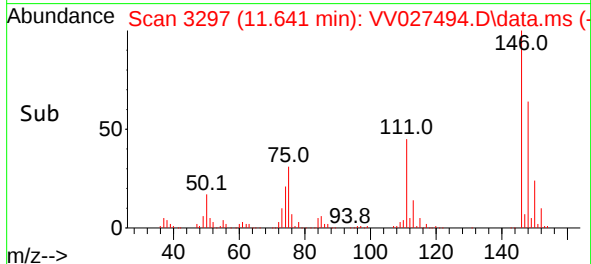
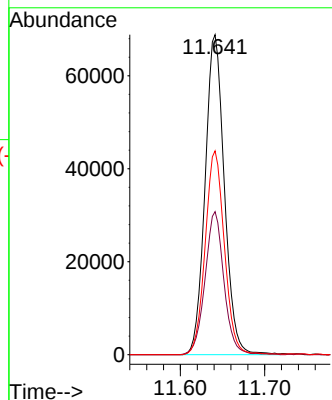
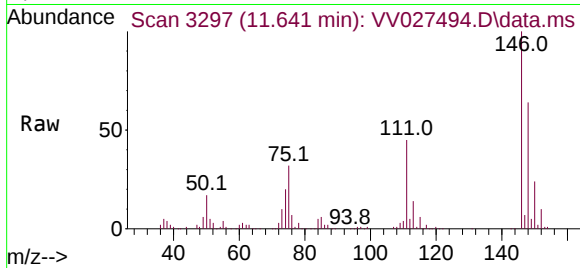




#67
 1,2-Dichlorobenzene
 Concen: 4.717 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV027494.D
 Acq: 25 Aug 2022 09:08

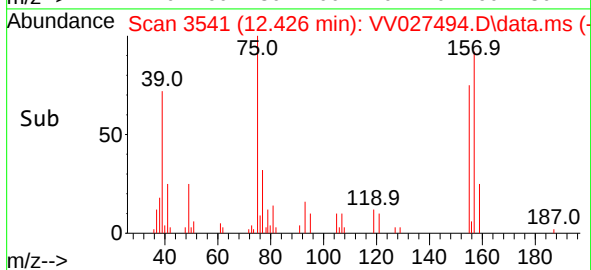
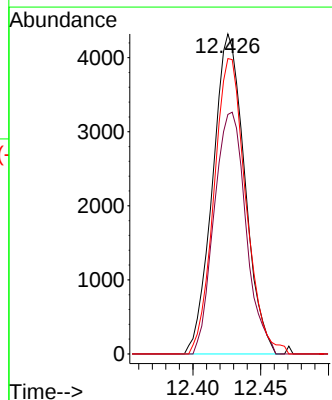
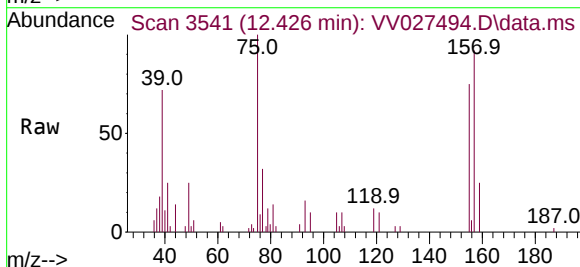
Instrument :
 MSVOA_V
 ClientSampleId :

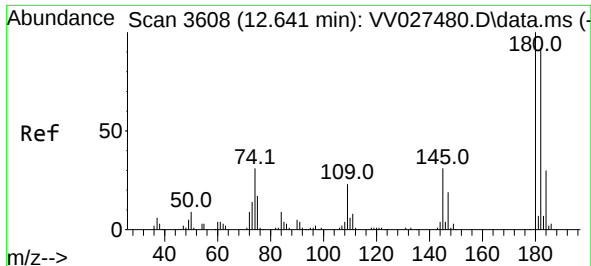
Tgt Ion:146 Resp: 109661
 Ion Ratio Lower Upper
 146 100
 111 44.7 34.5 51.7
 148 63.7 50.6 76.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.610 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV027494.D
 Acq: 25 Aug 2022 09:08

Tgt Ion: 75 Resp: 7106
 Ion Ratio Lower Upper
 75 100
 155 74.9 63.1 94.7
 157 92.3 81.8 122.8





#69

1,3,5-Trichlorobenzene

Concen: 4.723 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.003 min

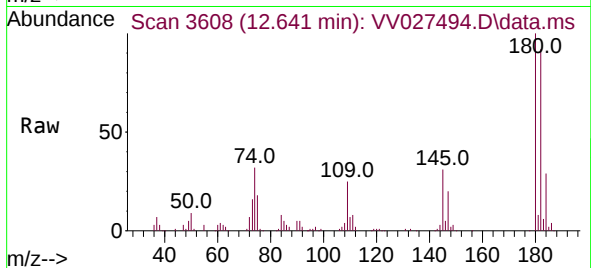
Lab File: VV027494.D

Acq: 25 Aug 2022 09:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 90390

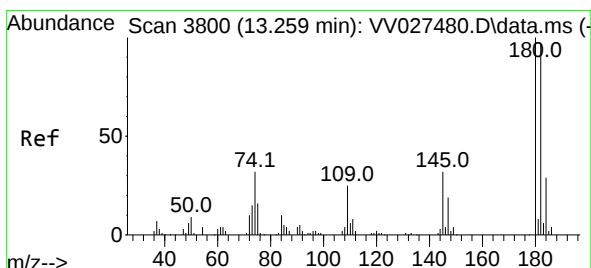
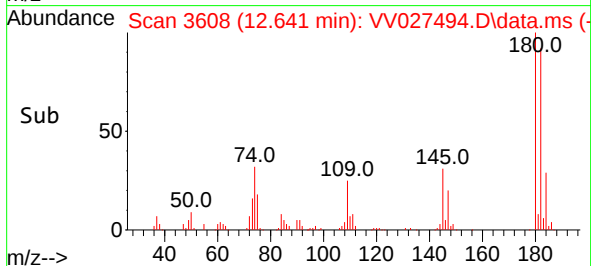
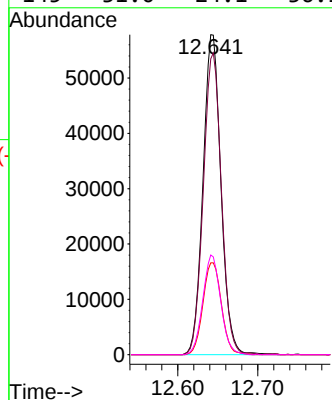
Ion Ratio Lower Upper

180 100

182 94.9 74.1 111.1

184 29.5 23.2 34.8

145 31.0 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 4.556 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027494.D

Acq: 25 Aug 2022 09:08

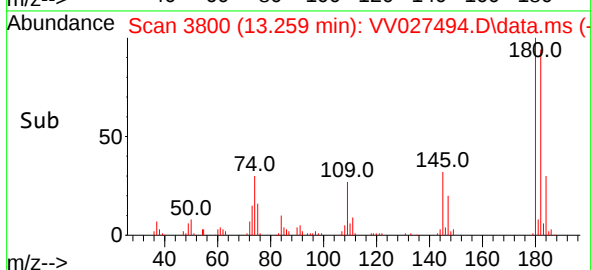
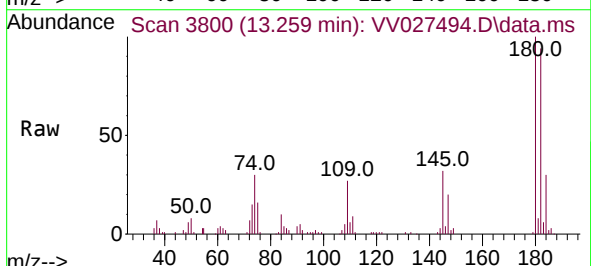
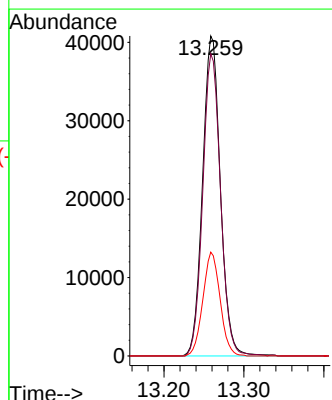
Tgt Ion:180 Resp: 63362

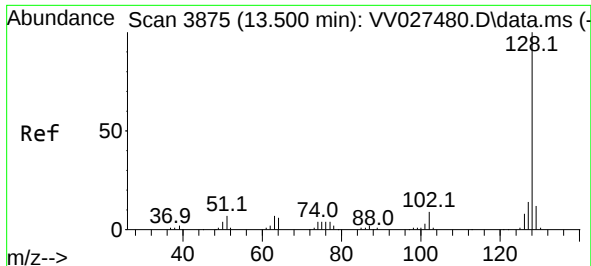
Ion Ratio Lower Upper

180 100

182 94.0 76.0 114.0

145 31.4 24.9 37.3

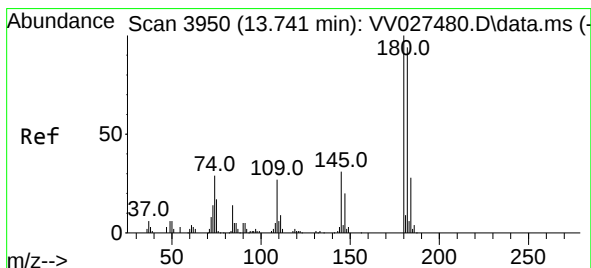
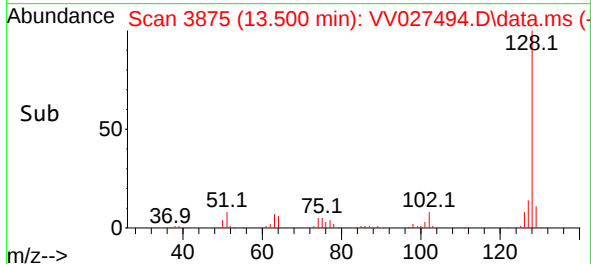
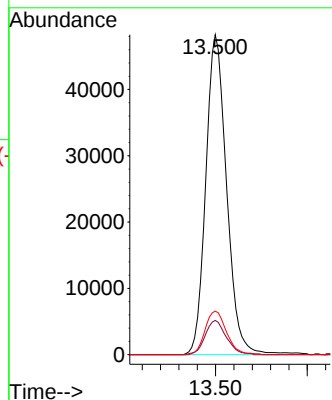
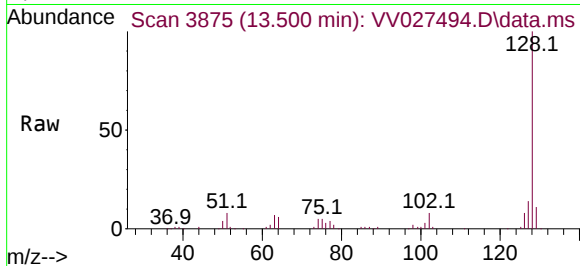




#71
Naphthalene
Concen: 3.952 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 75877
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: 4.397 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027494.D
Acq: 25 Aug 2022 09:08

Tgt Ion:180 Resp: 54321
Ion Ratio Lower Upper
180 100
182 93.4 75.3 112.9
145 33.5 26.6 39.8

