

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027602.D
 Acq On : 30 Aug 2022 21:47
 Operator : SY/MD
 Sample : N4404-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB9MSD

Quant Time: Aug 31 04:52:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	157715	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	154906	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49721	4.430	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.565	69	41198	5.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.108	63	99432	3.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.892	46	57646	41.267	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.540%
24) Chloroform-d	4.346	84	104799	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.034	65	47377	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.050	84	184222	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.069	67	58814	4.715	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.314	98	171945	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.625	79	16247	3.804	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.092	63	77114	54.847	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43561	5.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	54964	4.709	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	68220	4.076	ug/L	100
3) Chloromethane	1.240	50	71748	4.910	ug/L	99
5) Vinyl chloride	1.311	62	79545	5.407	ug/L	96
6) Bromomethane	1.520	94	28848	3.966	ug/L	99
8) Chloroethane	1.584	64	46663	5.428	ug/L	96
9) Trichlorofluoromethane	1.751	101	98694	4.223	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	55474	4.205	ug/L	96
12) 1,1-Dichloroethene	2.118	96	49037	4.109	ug/L	97
13) Acetone	2.172	43	56990	42.720	ug/L	96
14) Carbon disulfide	2.291	76	124911	3.814	ug/L	100
15) Methyl Acetate	2.433	43	13485	3.650	ug/L	94
16) Methylene chloride	2.503	84	63468	3.528	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	119248	4.830	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	56243	4.575	ug/L	97
19) 1,1-Dichloroethane	3.188	63	123079	4.836	ug/L	98
21) 2-Butanone	3.976	43	95224	53.636	ug/L	100
22) cis-1,2-Dichloroethene	3.909	96	74448	5.682	ug/L	99
23) Bromochloromethane	4.246	128	26102	4.518	ug/L	95
25) Chloroform	4.375	83	129474	4.679	ug/L	98

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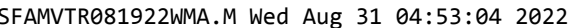
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 ClientSampleId :
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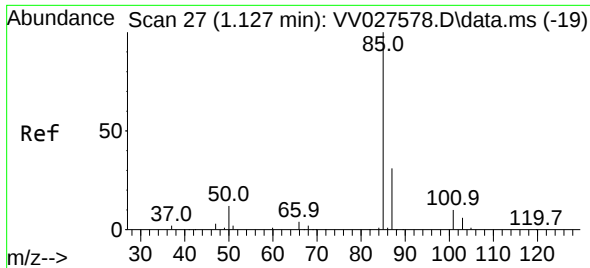
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	72297	5.142	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	112272	4.722	ug/L	98
30) Cyclohexane	4.674	56	82046	4.495	ug/L	94
31) Carbon tetrachloride	4.825	117	92204	4.459	ug/L	100
33) Benzene	5.098	78	262177	5.090	ug/L	100
34) Trichloroethene	5.912	95	65430	4.827	ug/L	99
35) Methylcyclohexane	6.130	83	80662	4.231	ug/L	97
37) 1,2-Dichloropropane	6.172	63	70313	5.121	ug/L	99
38) Bromodichloromethane	6.510	83	87465	5.024	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	67972	4.105	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	343743	56.030	ug/L	99
42) Toluene	7.384	91	279899	5.265	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	57218	4.088	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	46057	5.247	ug/L	97
47) Tetrachloroethene	7.976	164	46996	4.451	ug/L	98
48) 2-Hexanone	8.140	43	255055	57.696	ug/L	99
49) Dibromochloromethane	8.246	129	53946	4.997	ug/L	99
50) 1,2-Dibromoethane	8.352	107	43464	5.673	ug/L	95
51) Chlorobenzene	8.879	112	171711	4.991	ug/L	97
52) Ethylbenzene	9.011	91	275930	5.085	ug/L	99
53) m,p-Xylene	9.137	106	118899	5.726	ug/L	99
54) o-Xylene	9.542	106	102940	5.111	ug/L	98
55) Styrene	9.561	104	180415	5.265	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	55846	5.648	ug/L	98
59) Bromoform	9.731	173	26061	4.939	ug/L	98
60) Isopropylbenzene	9.931	105	271021	5.231	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	37793	5.471	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	70745	4.925	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	207902	5.137	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	133623	5.235	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	134138	5.271	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	127260	5.499	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7770	5.063	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	99420	5.218	ug/L	96
70) 1,2,4-trichlorobenzene	13.259	180	75051	5.420	ug/L	98
71) Naphthalene	13.500	128	112739	5.898	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	69143	5.623	ug/L	97

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

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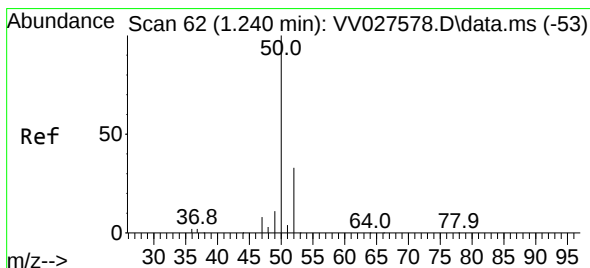
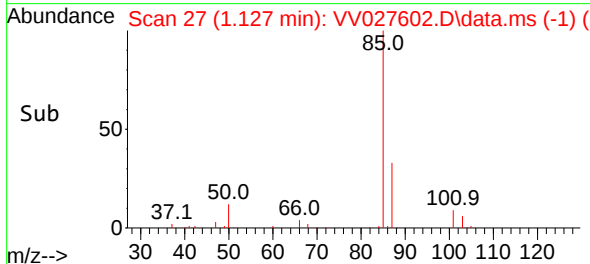
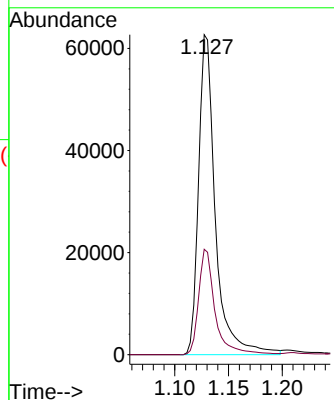
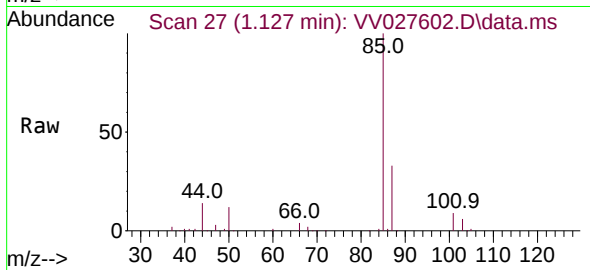




#2
Dichlorodifluoromethane
Concen: 4.076 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

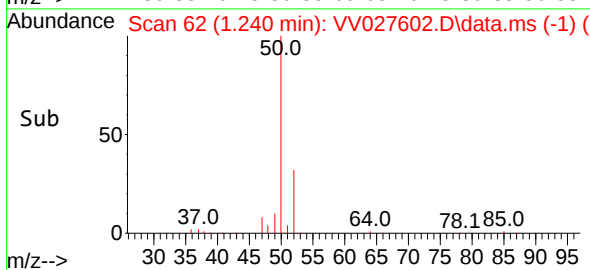
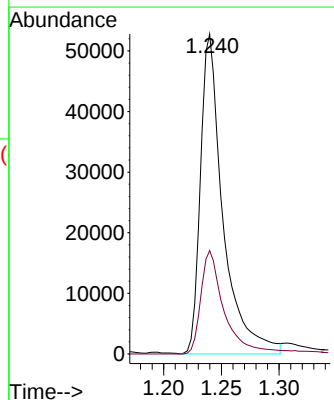
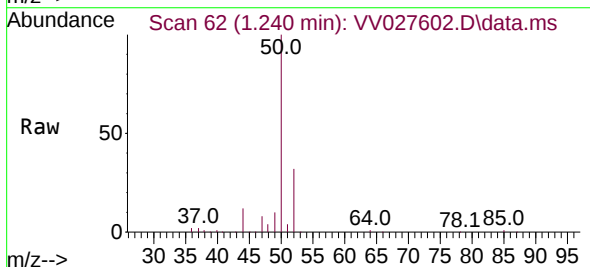
Instrument :
MSVOA_V
ClientSampleId :
DBVB9MSD

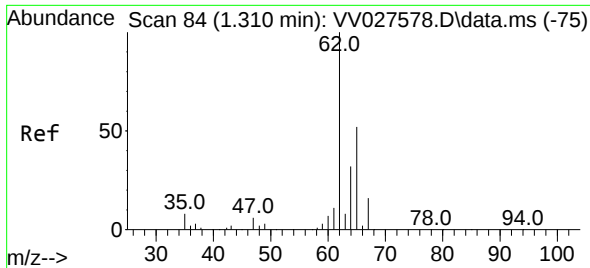
Tgt Ion: 85 Resp: 68220
Ion Ratio Lower Upper
85 100
87 32.3 26.0 39.0



#3
Chloromethane
Concen: 4.910 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

Tgt Ion: 50 Resp: 71748
Ion Ratio Lower Upper
50 100
52 32.3 22.8 42.4

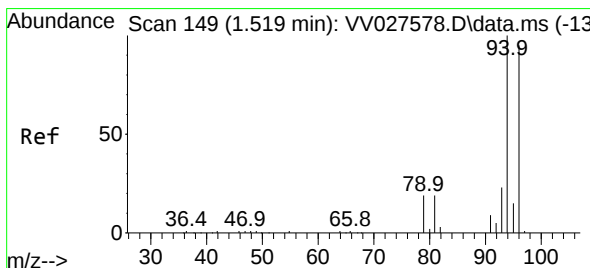
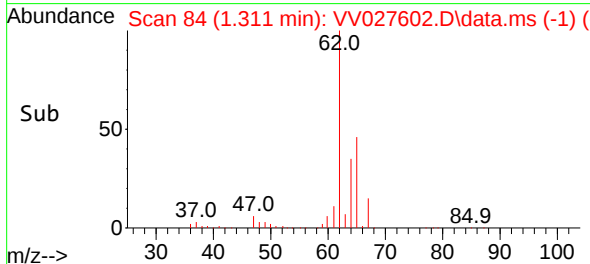
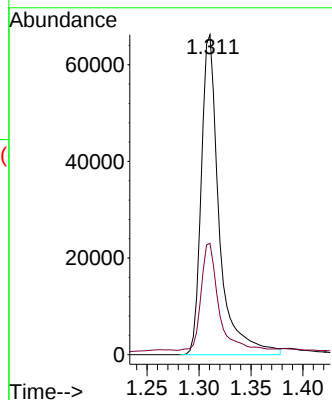
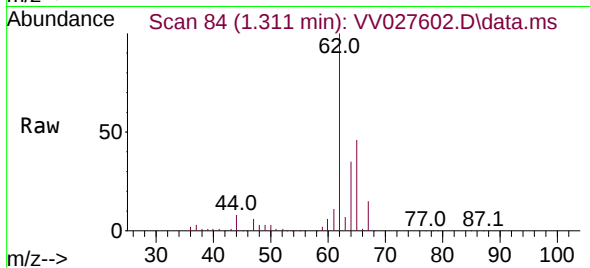




#5
 Vinyl chloride
 Concen: 5.407 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027602.D
 Acq: 30 Aug 2022 21:47

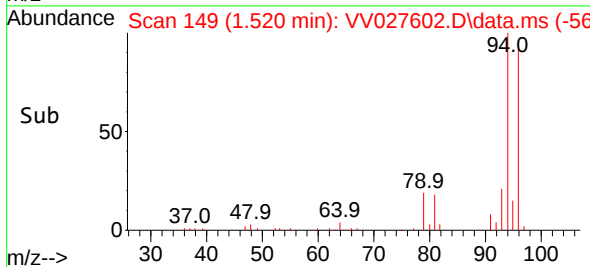
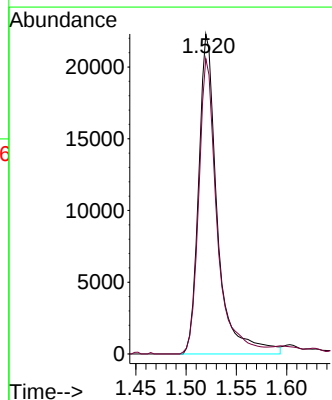
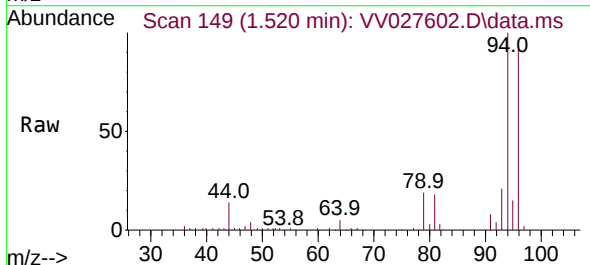
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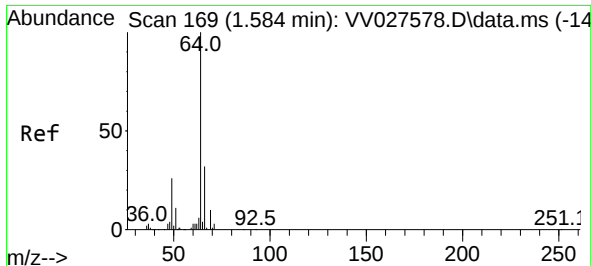
Tgt Ion: 62 Resp: 79545
 Ion Ratio Lower Upper
 62 100
 64 34.8 22.6 42.0



#6
 Bromomethane
 Concen: 3.966 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV027602.D
 Acq: 30 Aug 2022 21:47

Tgt Ion: 94 Resp: 28848
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.2 121.0

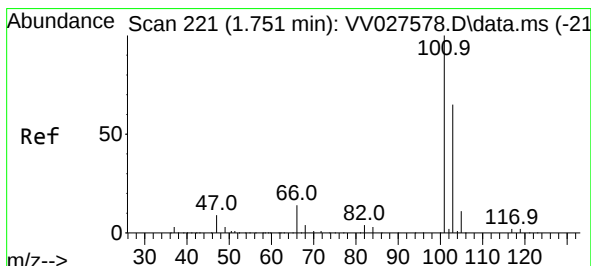
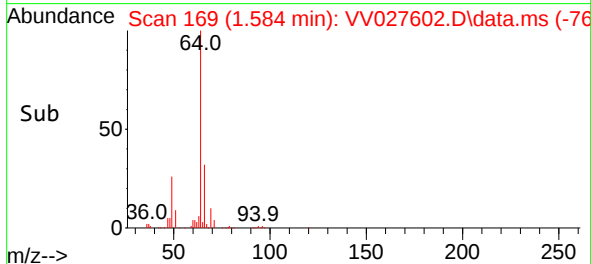
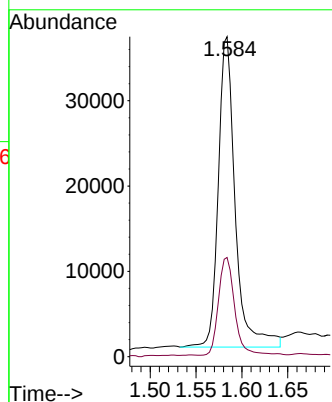
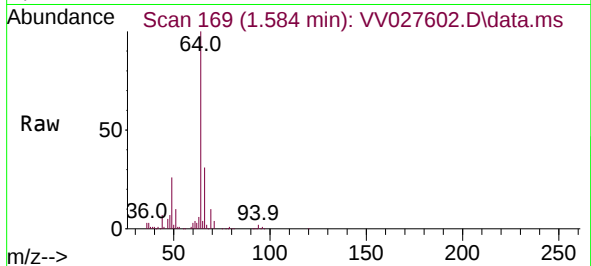




#8
Chloroethane
Concen: 5.428 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

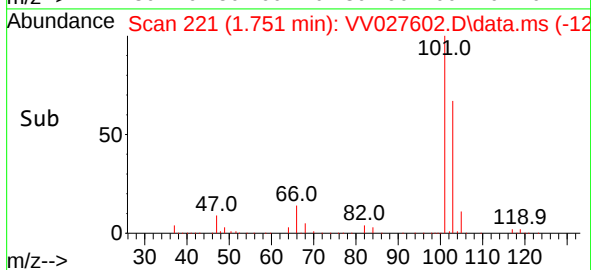
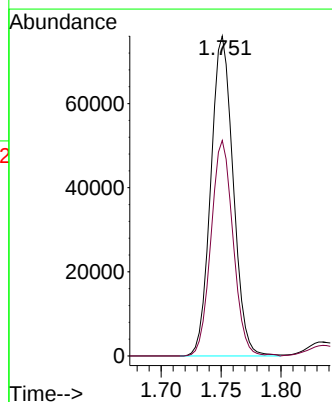
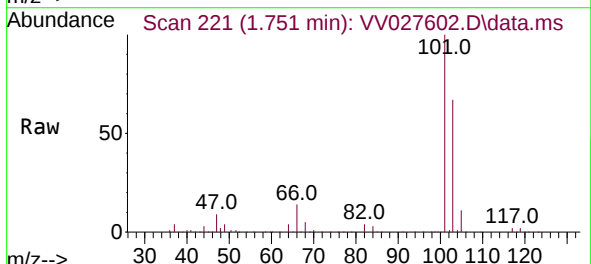
Instrument :
MSVOA_V
ClientSampleId :
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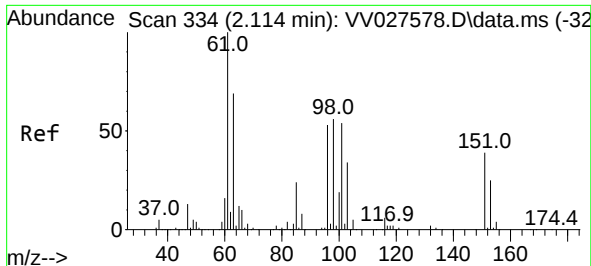
Tgt Ion: 64 Resp: 46663
Ion Ratio Lower Upper
64 100
66 31.0 23.3 43.3



#9
Trichlorofluoromethane
Concen: 4.223 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

Tgt Ion:101 Resp: 98694
Ion Ratio Lower Upper
101 100
103 66.1 51.5 77.3

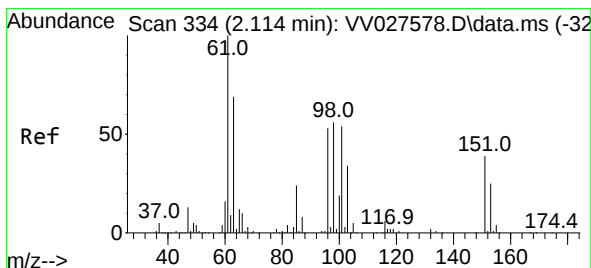
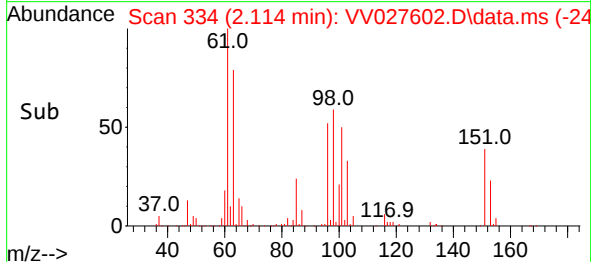
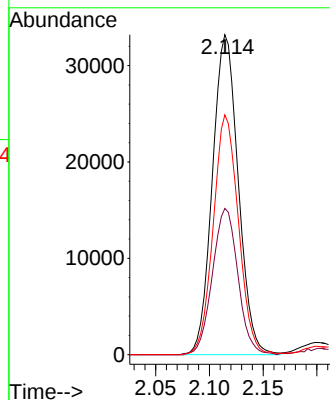
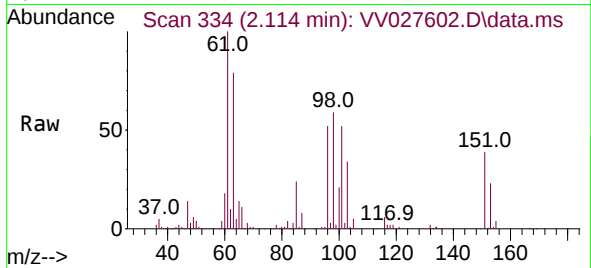




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.205 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV027602.D
 Acq: 30 Aug 2022 21:47

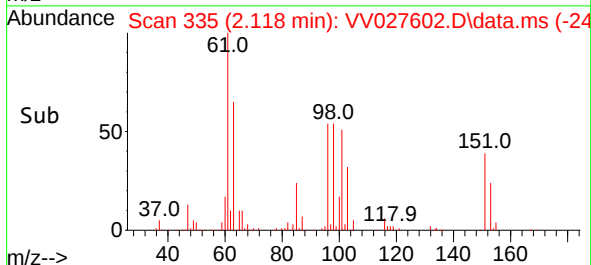
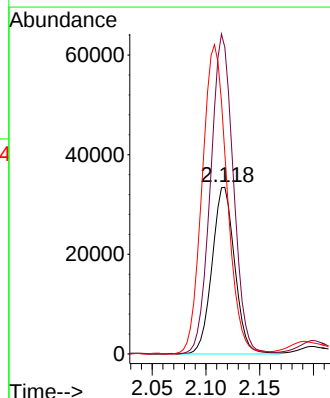
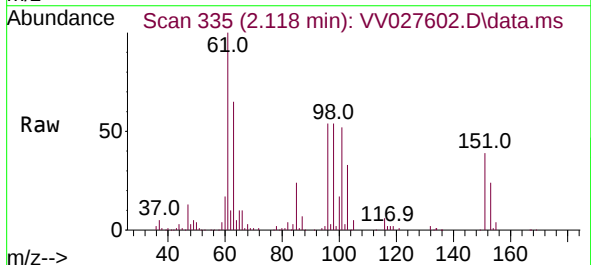
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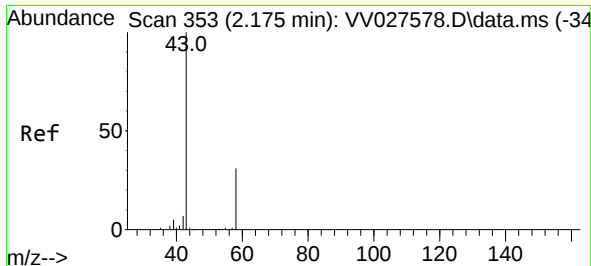
Tgt Ion:101 Resp: 55474
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.3 52.9
 151 73.1 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 4.109 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV027602.D
 Acq: 30 Aug 2022 21:47

Tgt Ion: 96 Resp: 49037
 Ion Ratio Lower Upper
 96 100
 61 183.9 130.2 241.8
 63 120.2 87.4 162.4





#13

Acetone

Concen: 42.720 ug/L

RT: 2.172 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

Instrument :

MSVOA_V

ClientSampleId :

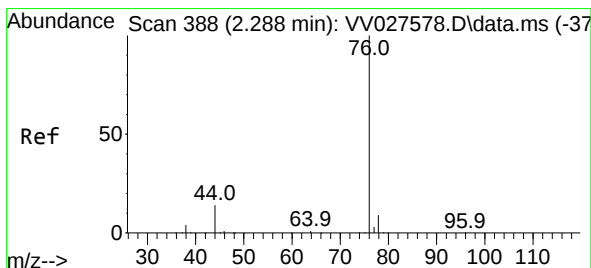
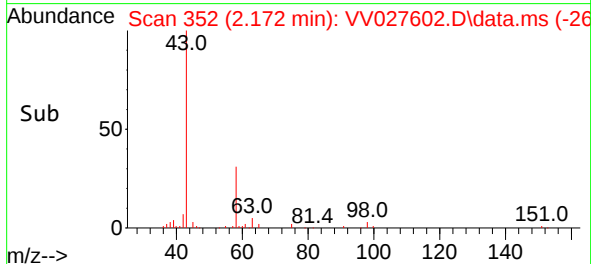
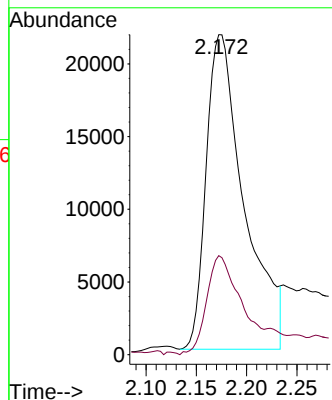
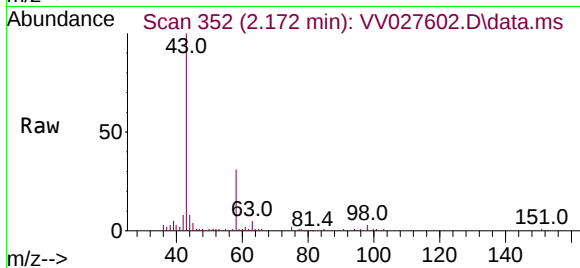
DBVB9MSD

Tgt Ion: 43 Resp: 56990

Ion Ratio Lower Upper

43 100

58 28.6 0.0 62.2



#14

Carbon disulfide

Concen: 3.814 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV027602.D

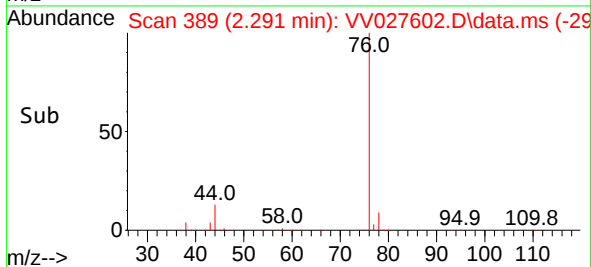
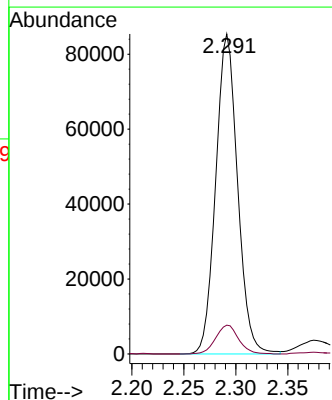
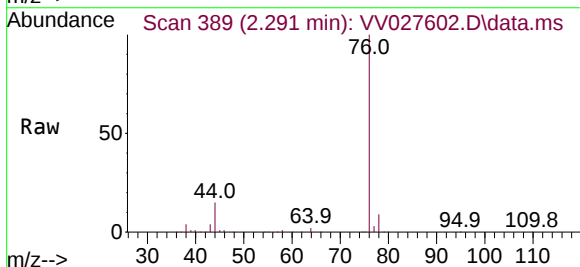
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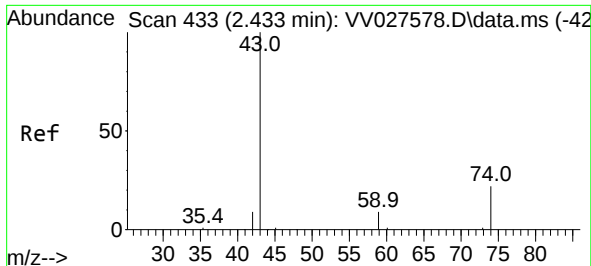
Tgt Ion: 76 Resp: 124911

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

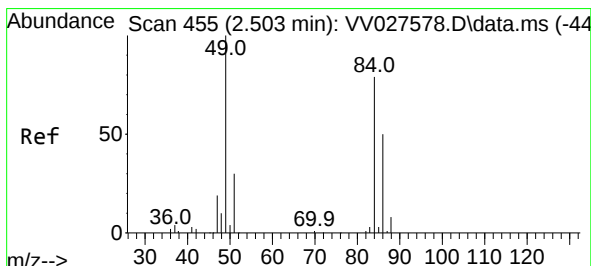
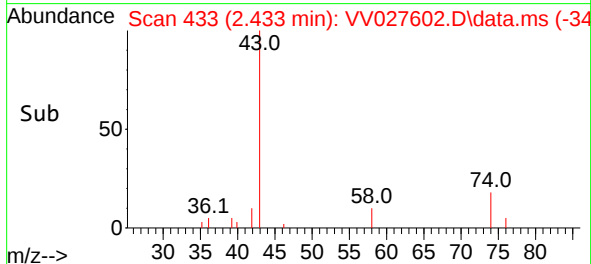
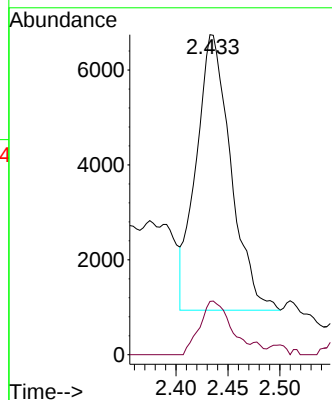
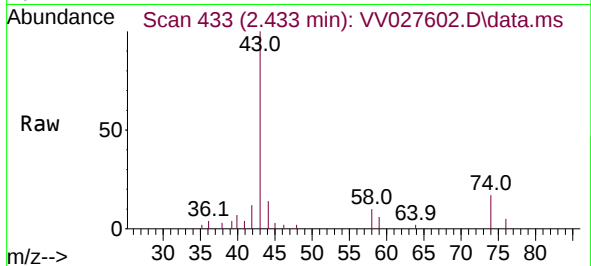




#15
Methyl Acetate
Concen: 3.650 ug/L
RT: 2.433 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

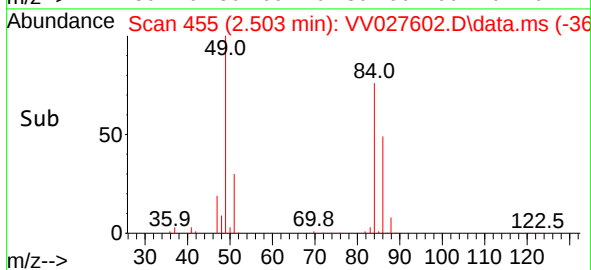
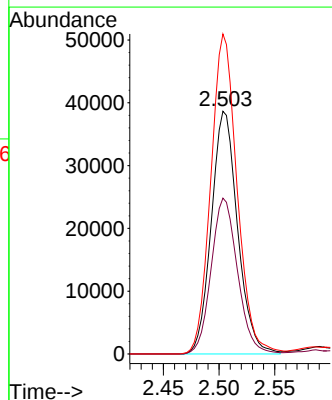
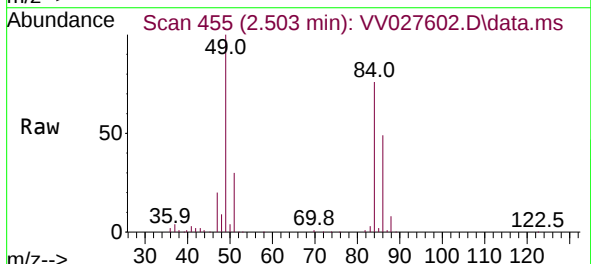
Instrument :
MSVOA_V
ClientSampleId :
DBVB9MSD

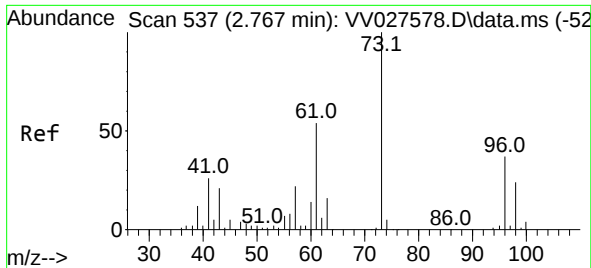
Tgt Ion: 43 Resp: 13485
Ion Ratio Lower Upper
43 100
74 17.4 16.3 24.5



#16
Methylene chloride
Concen: 3.528 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

Tgt Ion: 84 Resp: 63468
Ion Ratio Lower Upper
84 100
86 64.2 44.0 81.6
49 131.8 89.4 166.0

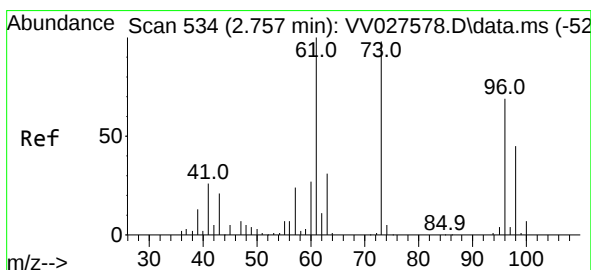
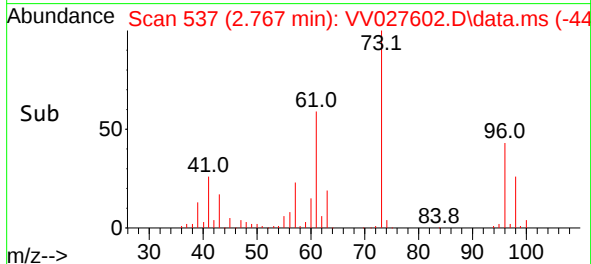
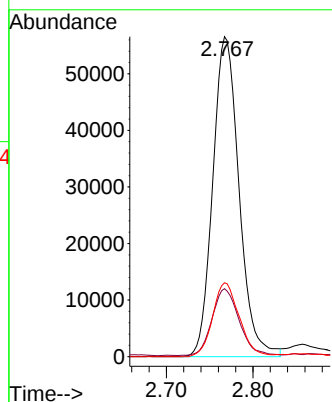
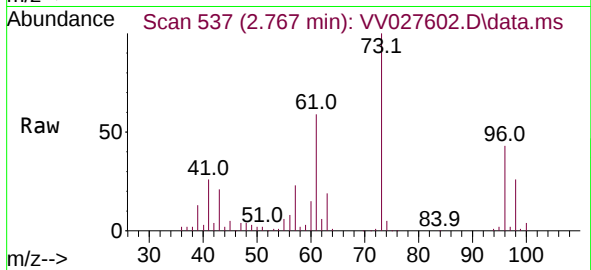




#17
Methyl tert-butyl Ether
Concen: 4.830 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

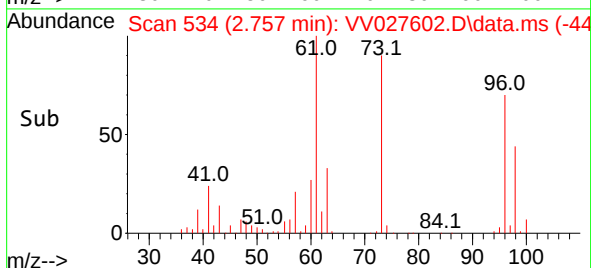
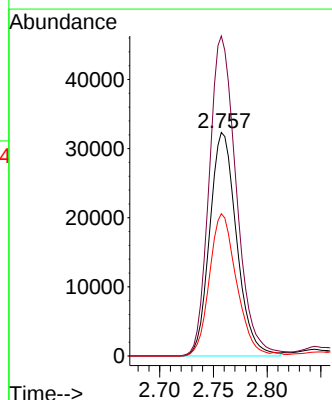
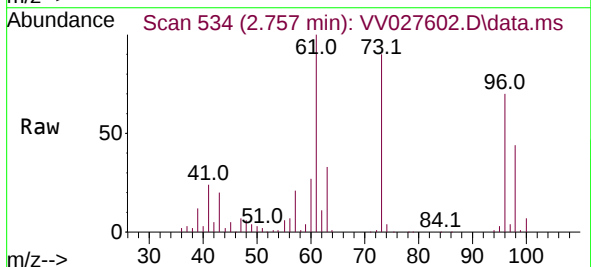
Instrument :
MSVOA_V
ClientSampleId :
DBVB9MSD

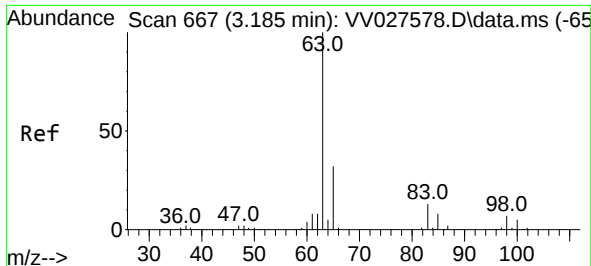
Tgt Ion: 73 Resp: 119248
Ion Ratio Lower Upper
73 100
43 21.5 15.6 23.4
57 23.4 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.575 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

Tgt Ion: 96 Resp: 56243
Ion Ratio Lower Upper
96 100
61 143.2 97.6 181.4
98 63.6 45.9 85.3

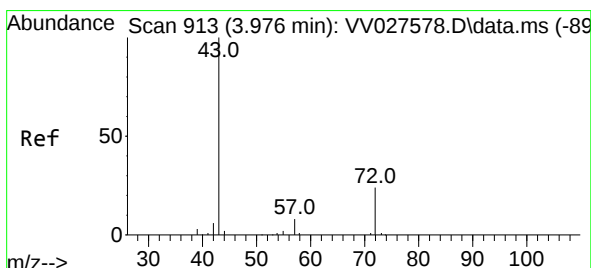
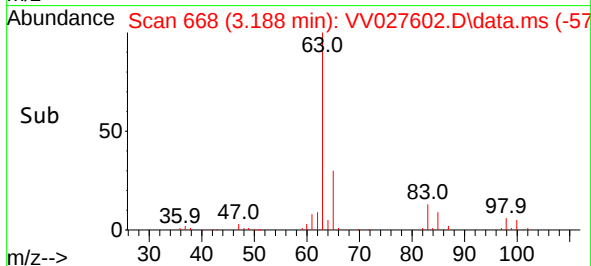
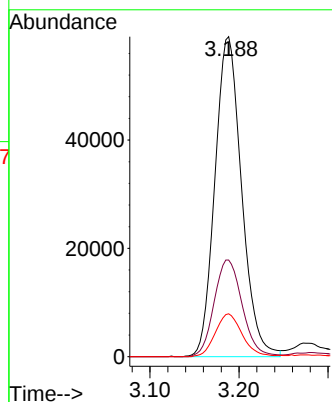
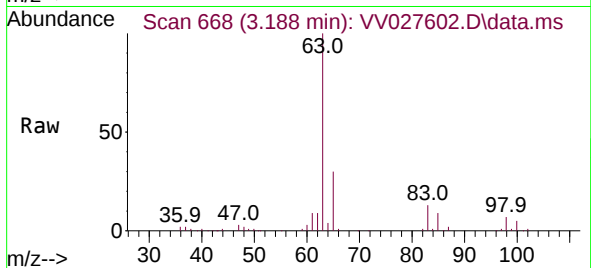




#19
1,1-Dichloroethane
Concen: 4.836 ug/L
RT: 3.188 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

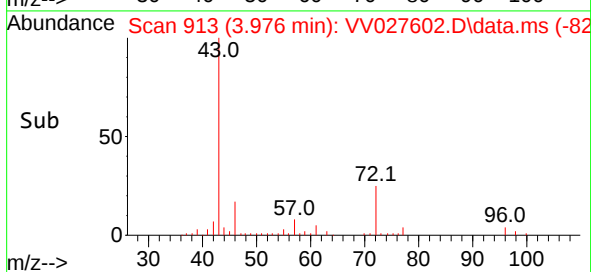
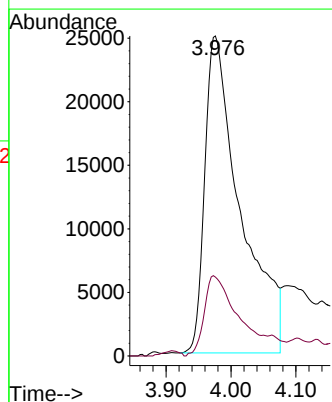
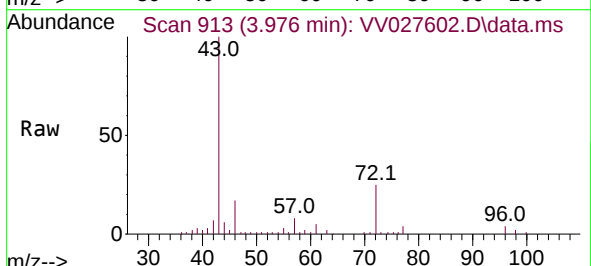
Instrument :
MSVOA_V
ClientSampleId :
DBVB9MSD

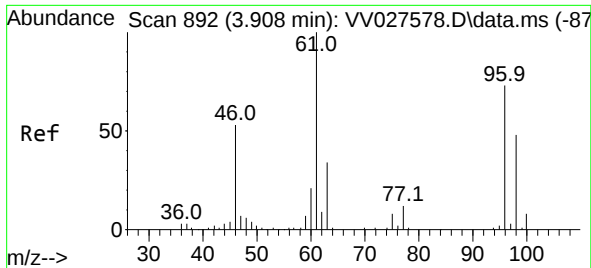
Tgt Ion: 63 Resp: 123079
Ion Ratio Lower Upper
63 100
65 30.2 22.1 41.1
83 13.4 9.6 17.8



#21
2-Butanone
Concen: 53.636 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

Tgt Ion: 43 Resp: 95224
Ion Ratio Lower Upper
43 100
72 24.2 12.0 36.1

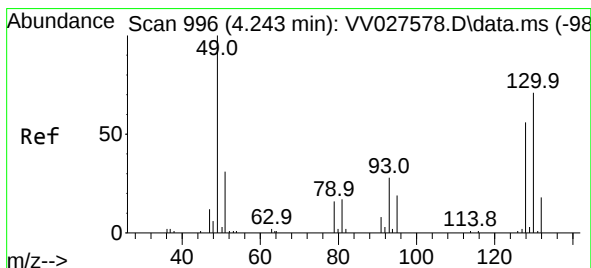
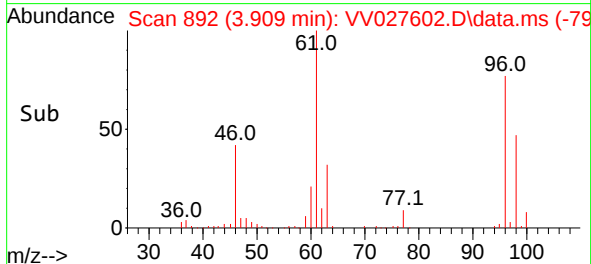
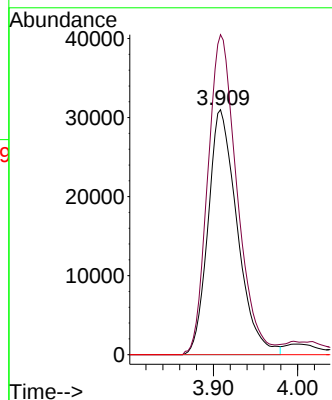
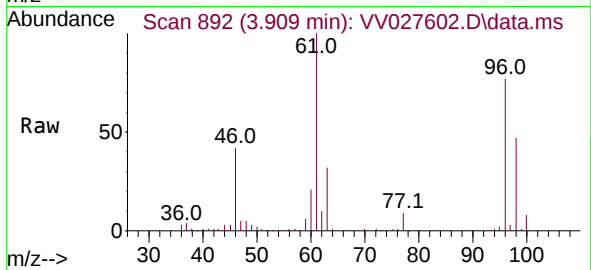




#22
 cis-1,2-Dichloroethene
 Concen: 5.682 ug/L
 RT: 3.909 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV027602.D
 Acq: 30 Aug 2022 21:47

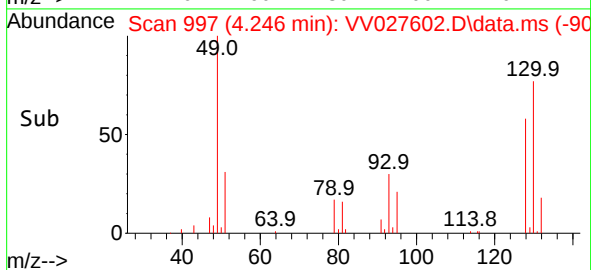
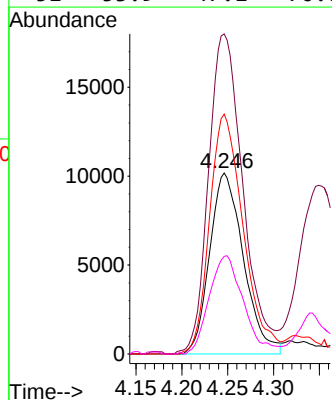
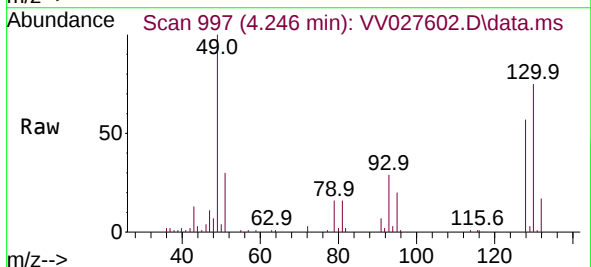
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB9MSD

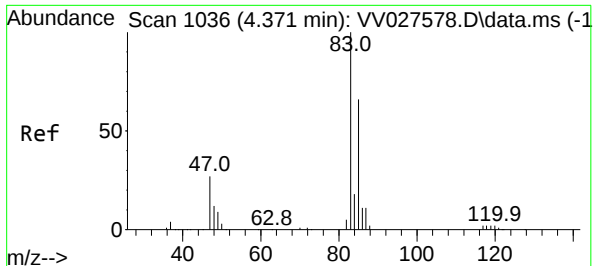
Tgt Ion: 96 Resp: 74448
 Ion Ratio Lower Upper
 96 100
 61 130.6 90.6 168.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.518 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: VV027602.D
 Acq: 30 Aug 2022 21:47

Tgt Ion: 128 Resp: 26102
 Ion Ratio Lower Upper
 128 100
 49 176.8 127.5 236.7
 130 132.4 97.0 180.2
 51 53.9 47.1 70.7





#25

Chloroform

Concen: 4.679 ug/L

RT: 4.375 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

Instrument :

MSVOA_V

ClientSampleId :

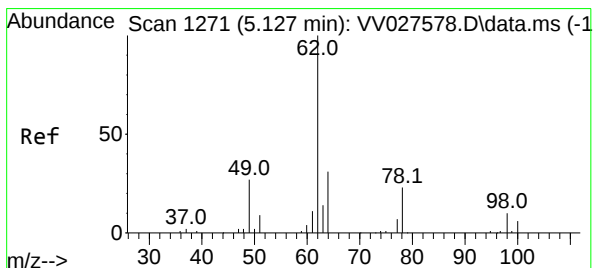
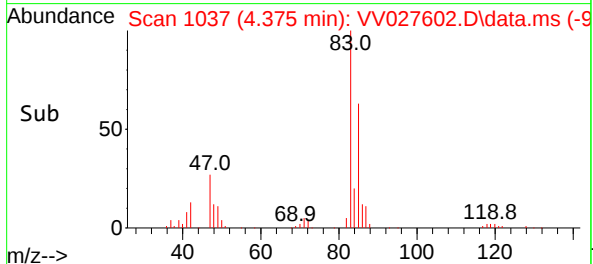
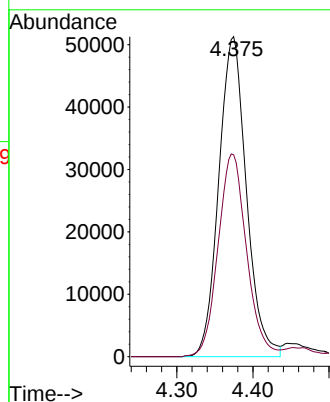
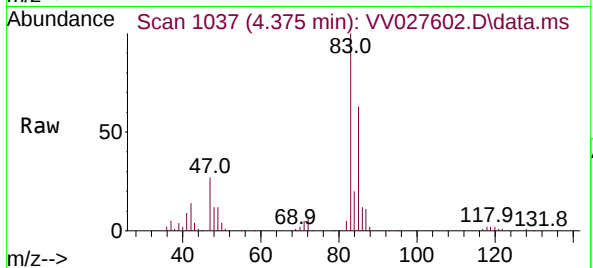
DBVB9MSD

Tgt Ion: 83 Resp: 129474

Ion Ratio Lower Upper

83 100

85 63.1 43.3 80.5



#27

1,2-Dichloroethane

Concen: 5.142 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV027602.D

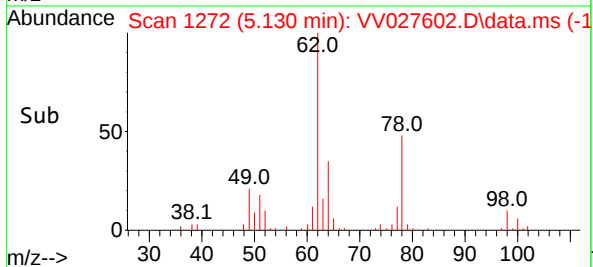
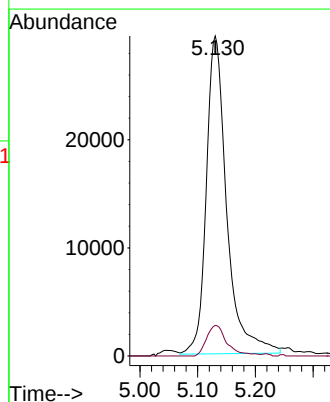
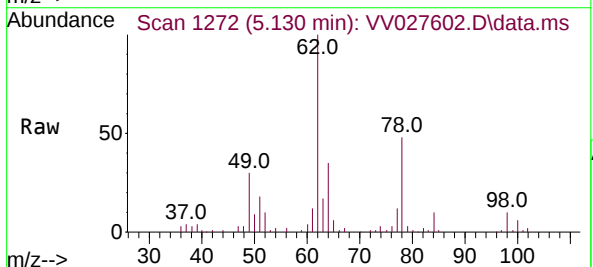
Acq: 30 Aug 2022 21:47

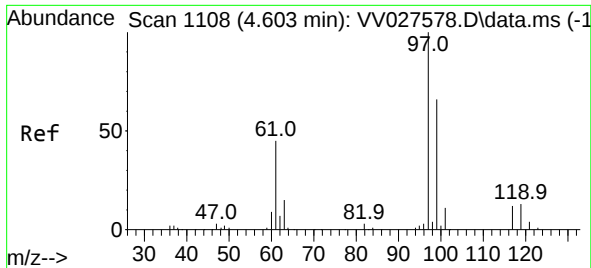
Tgt Ion: 62 Resp: 72297

Ion Ratio Lower Upper

62 100

98 9.5 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.722 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

Instrument :

MSVOA_V

ClientSampleId :

DBVB9MSD

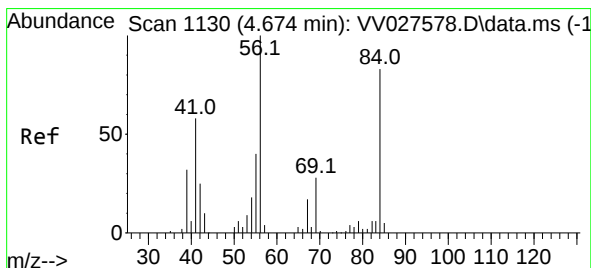
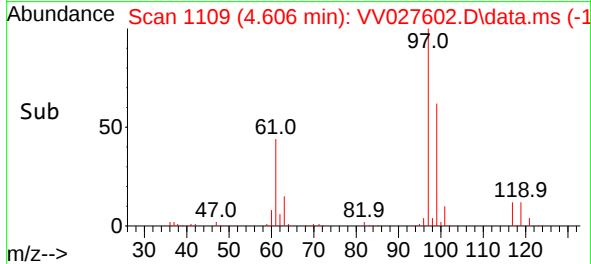
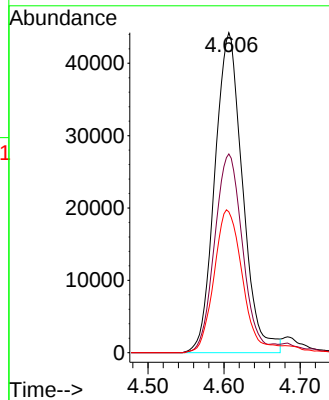
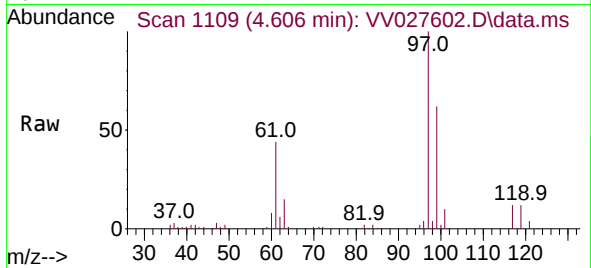
Tgt Ion: 97 Resp: 112272

Ion Ratio Lower Upper

97 100

99 62.2 51.1 76.7

61 45.8 35.9 53.9



#30

Cyclohexane

Concen: 4.495 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

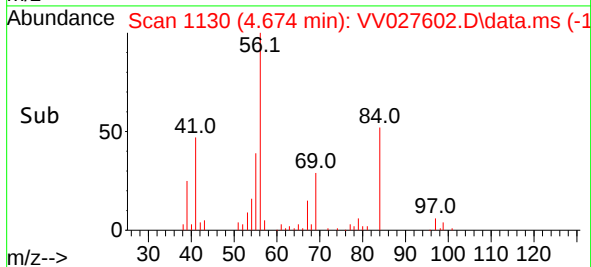
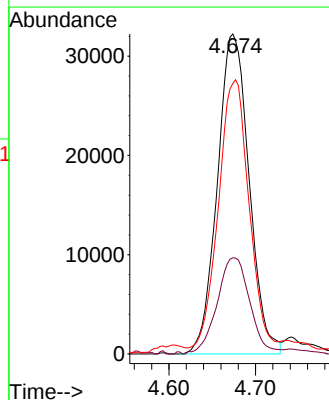
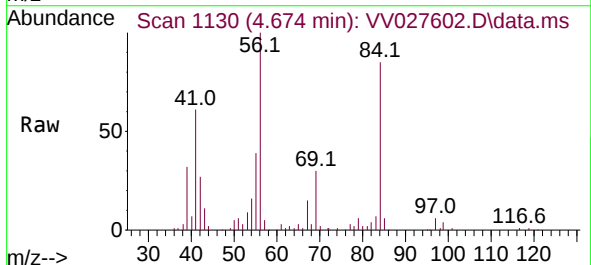
Tgt Ion: 56 Resp: 82046

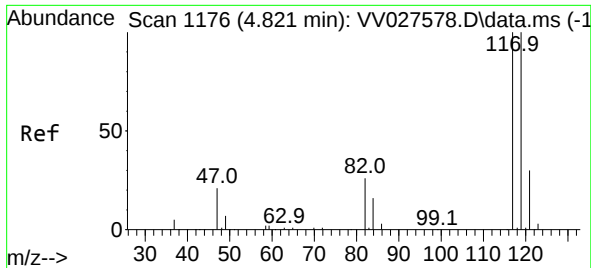
Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.0

84 79.6 69.7 104.5

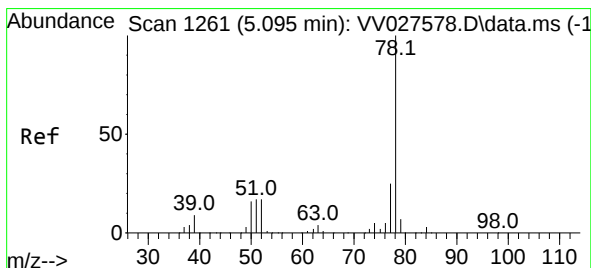
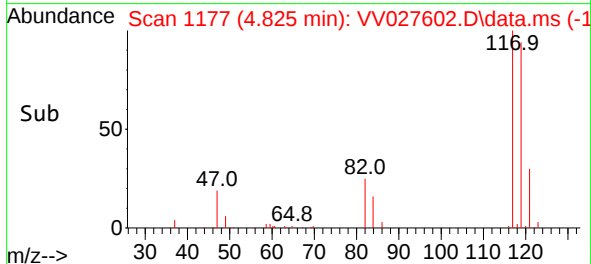
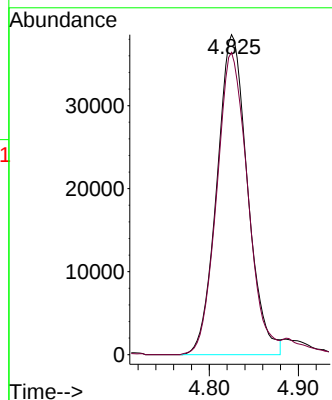
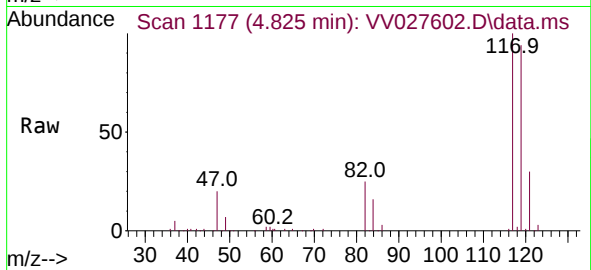




#31
Carbon tetrachloride
Concen: 4.459 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

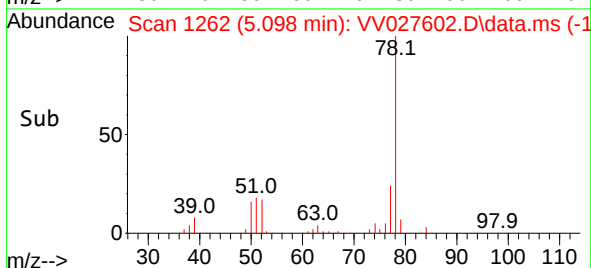
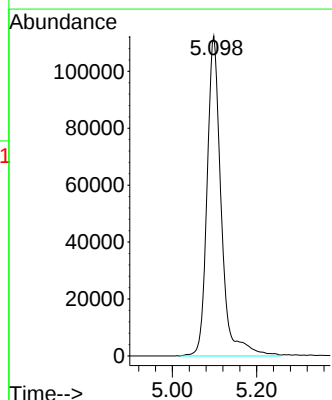
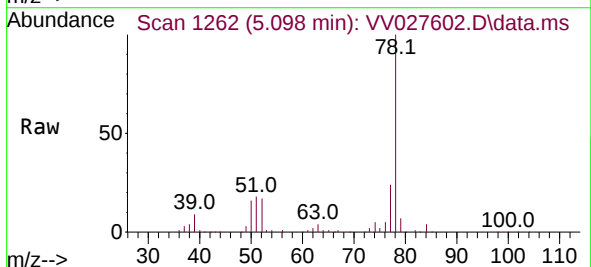
Instrument :
MSVOA_V
ClientSampleId :
DBVB9MSD

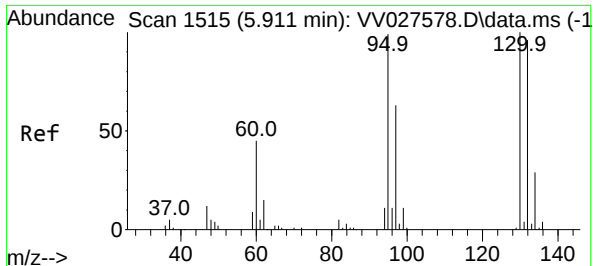
Tgt Ion:117 Resp: 92204
Ion Ratio Lower Upper
117 100
119 95.4 76.1 114.1



#33
Benzene
Concen: 5.090 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

Tgt Ion: 78 Resp: 262177

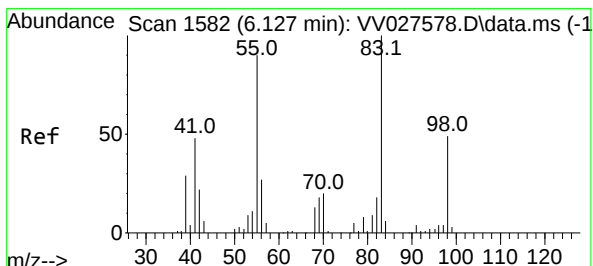
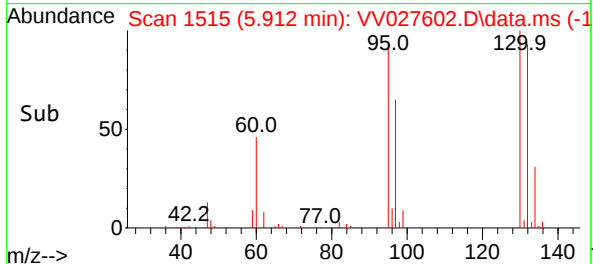
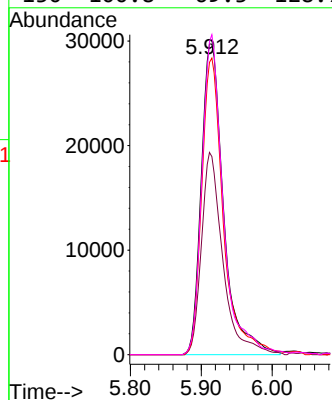
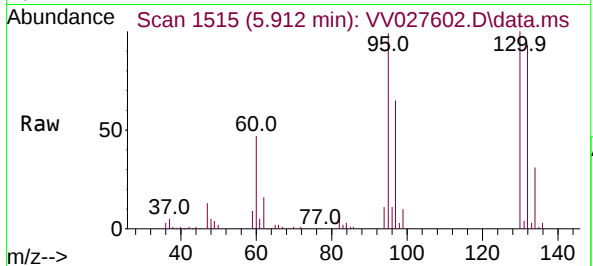




#34
Trichloroethene
Concen: 4.827 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

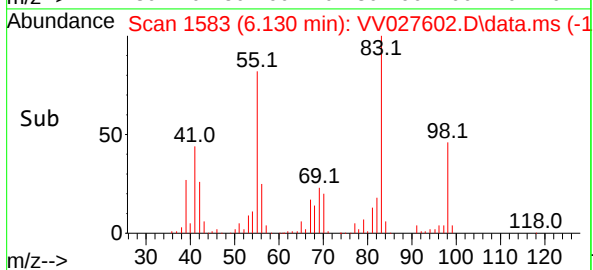
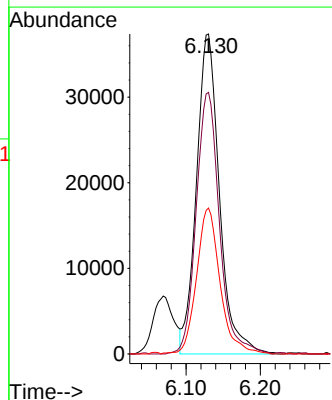
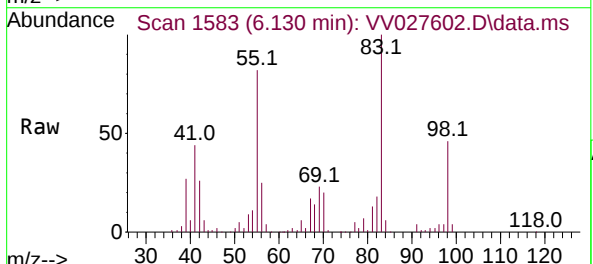
Instrument :
MSVOA_V
ClientSampleId :
DBVB9MSD

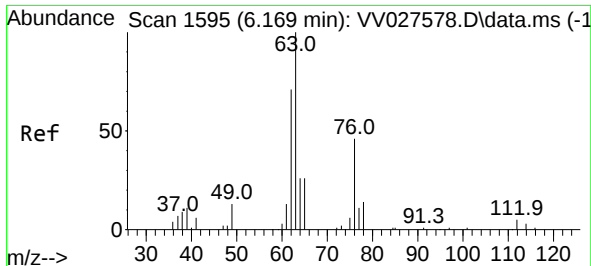
Tgt Ion: 95 Resp: 65430
Ion Ratio Lower Upper
95 100
97 65.1 45.0 83.6
132 94.1 65.7 121.9
130 100.8 69.3 128.7



#35
Methylcyclohexane
Concen: 4.231 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

Tgt Ion: 83 Resp: 80662
Ion Ratio Lower Upper
83 100
55 82.7 68.2 102.4
98 46.6 39.0 58.4





#37

1,2-Dichloropropane

Concen: 5.121 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

Instrument :

MSVOA_V

ClientSampleId :

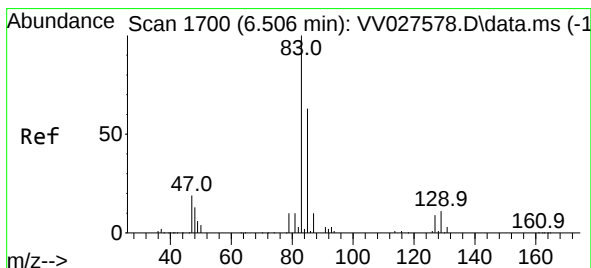
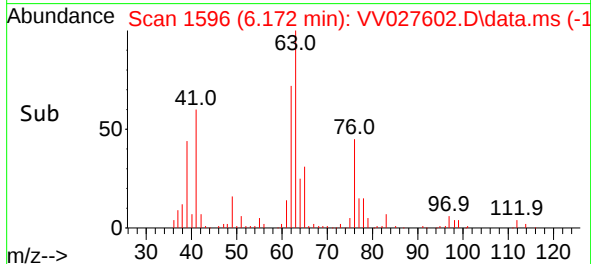
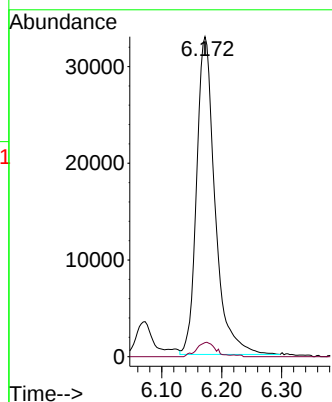
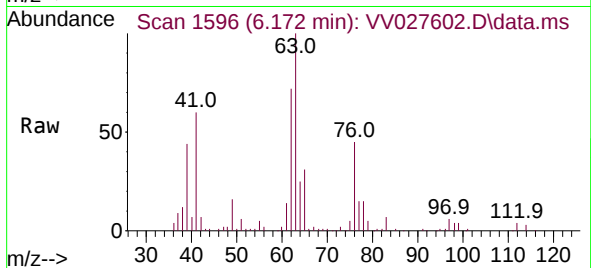
DBVB9MSD

Tgt Ion: 63 Resp: 70313

Ion Ratio Lower Upper

63 100

112 4.7 3.9 5.9



#38

Bromodichloromethane

Concen: 5.024 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

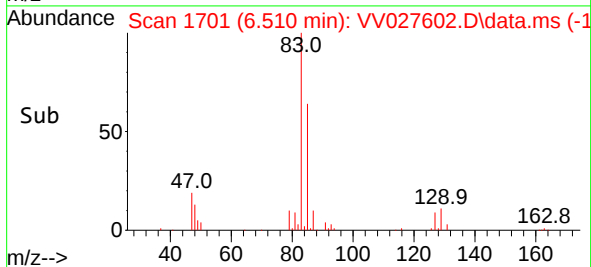
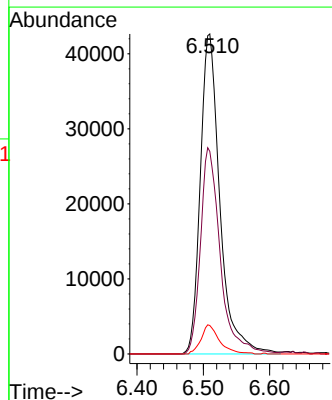
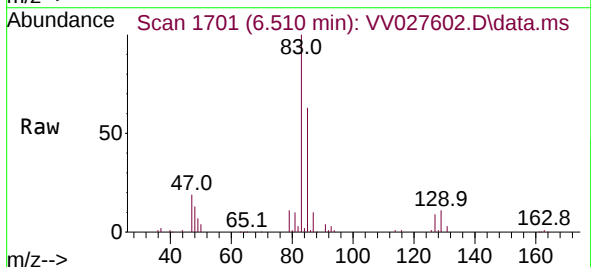
Tgt Ion: 83 Resp: 87465

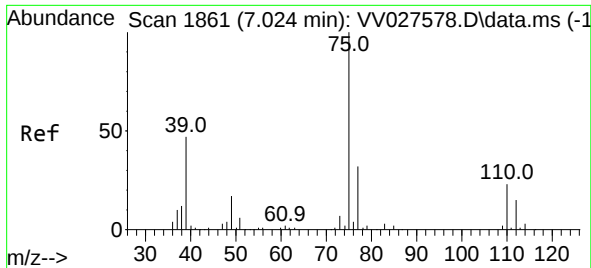
Ion Ratio Lower Upper

83 100

85 63.3 45.3 84.1

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.105 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

Instrument :

MSVOA_V

ClientSampleId :

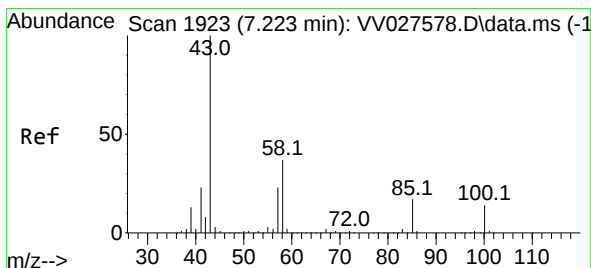
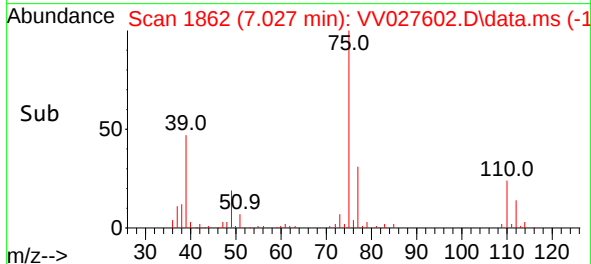
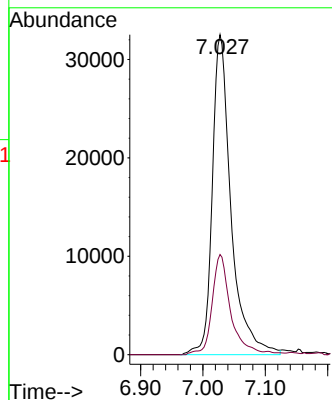
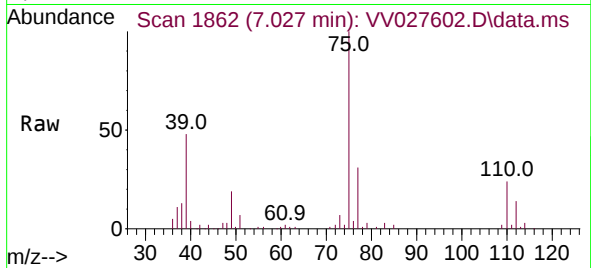
DBVB9MSD

Tgt Ion: 75 Resp: 67972

Ion Ratio Lower Upper

75 100

77 31.3 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 56.030 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

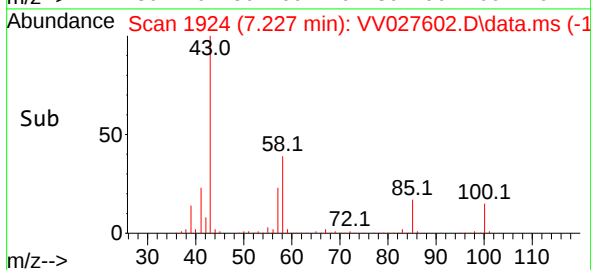
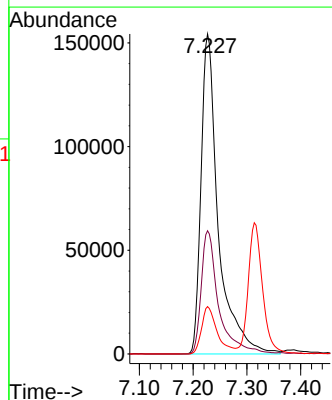
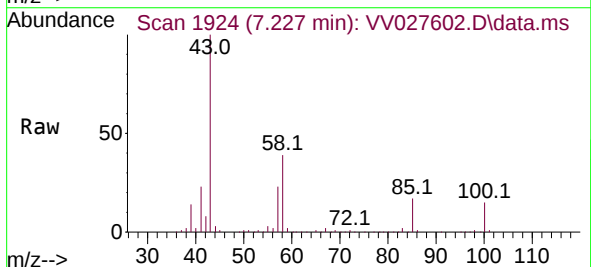
Tgt Ion: 43 Resp: 343743

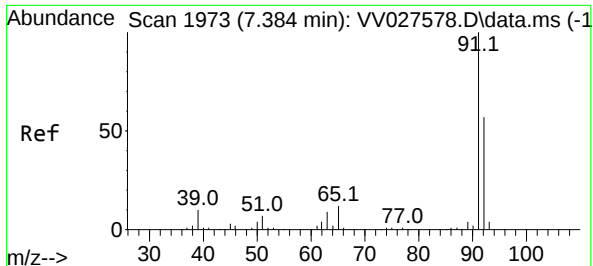
Ion Ratio Lower Upper

43 100

58 38.9 30.6 45.8

100 13.5 11.0 16.4

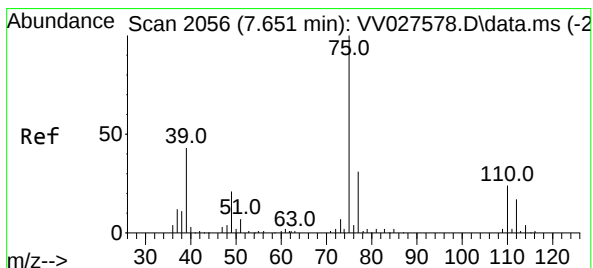
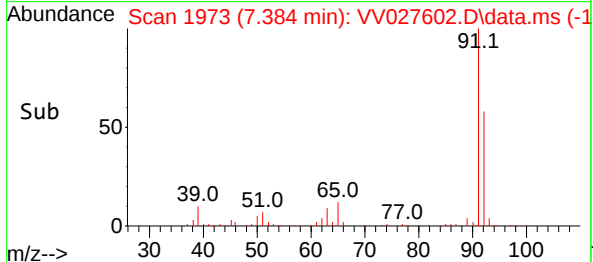
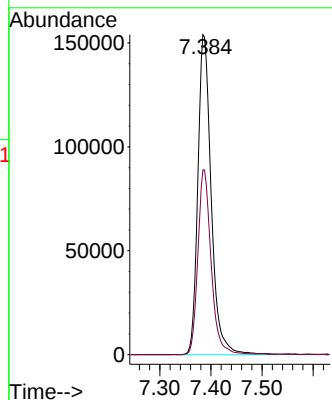
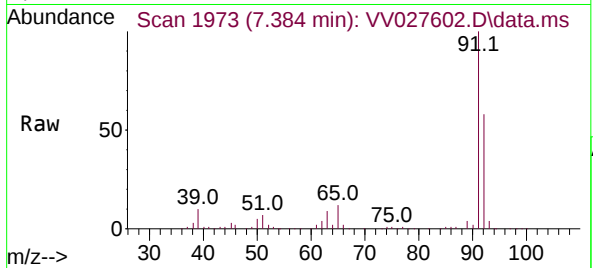




#42
Toluene
Concen: 5.265 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

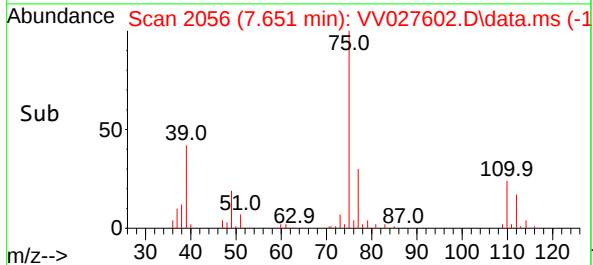
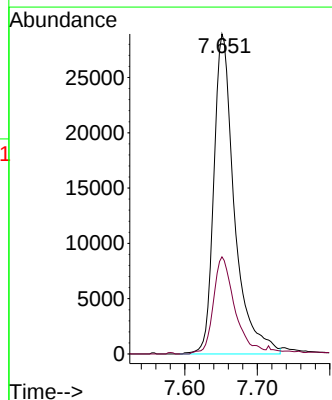
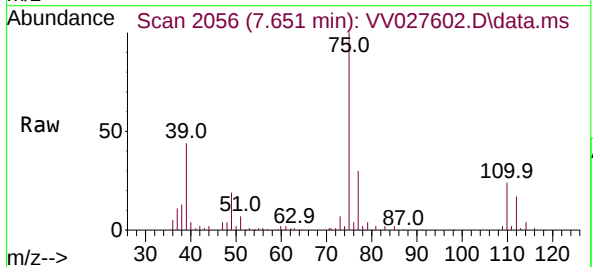
Instrument :
MSVOA_V
ClientSampleId :
DBVB9MSD

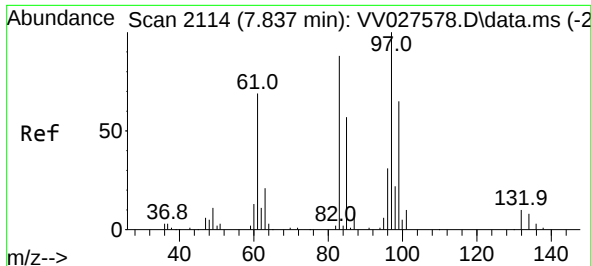
Tgt Ion: 91 Resp: 279899
Ion Ratio Lower Upper
91 100
92 57.7 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 4.088 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

Tgt Ion: 75 Resp: 57218
Ion Ratio Lower Upper
75 100
77 30.4 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 5.247 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

Instrument :

MSVOA_V

ClientSampleId :

DBVB9MSD

Tgt Ion: 97 Resp: 46057

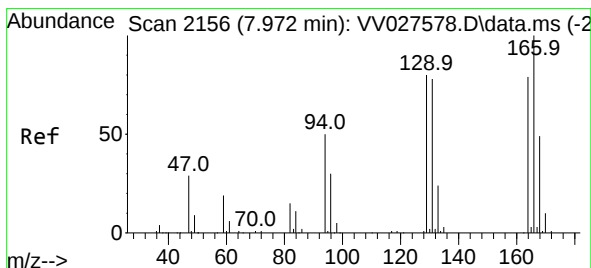
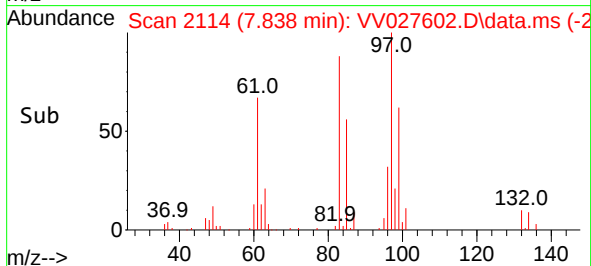
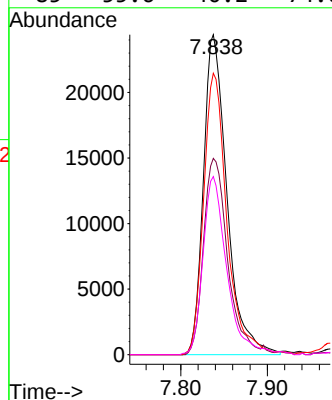
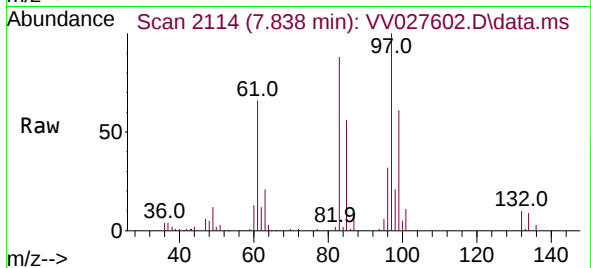
Ion Ratio Lower Upper

97 100

99 61.4 46.1 85.7

83 87.9 63.0 117.0

85 55.6 40.2 74.6



#47

Tetrachloroethene

Concen: 4.451 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

Tgt Ion:164 Resp: 46996

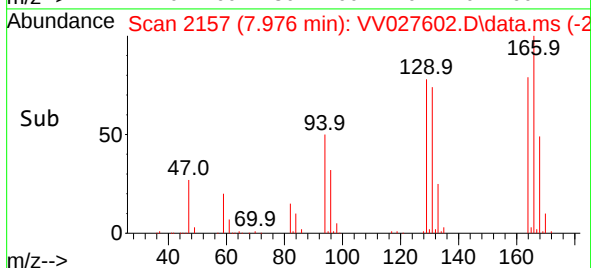
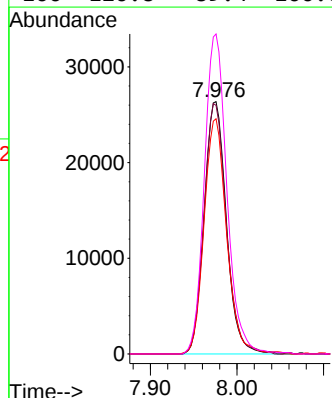
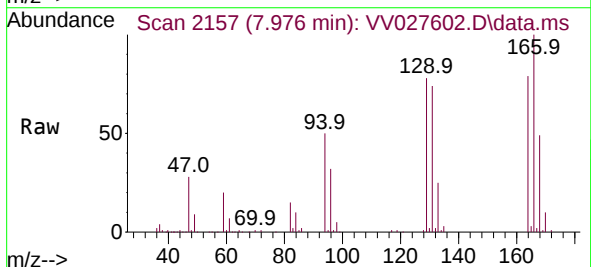
Ion Ratio Lower Upper

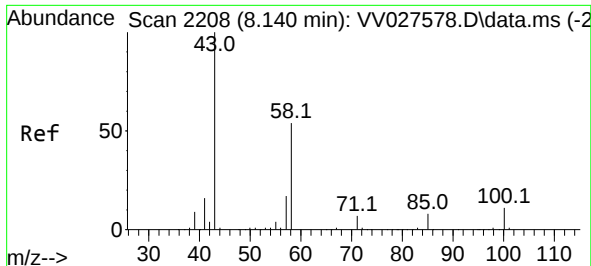
164 100

129 98.5 71.1 132.1

131 93.2 64.5 119.9

166 126.8 89.4 166.0

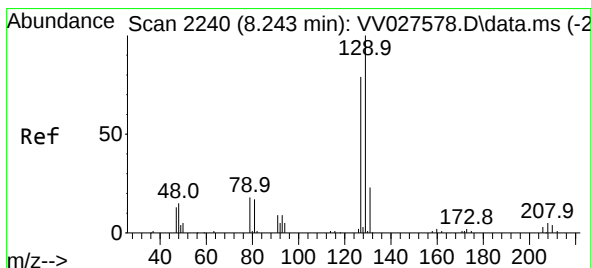
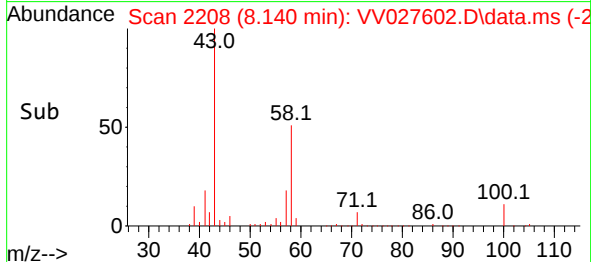
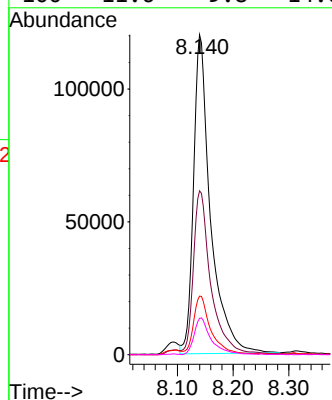
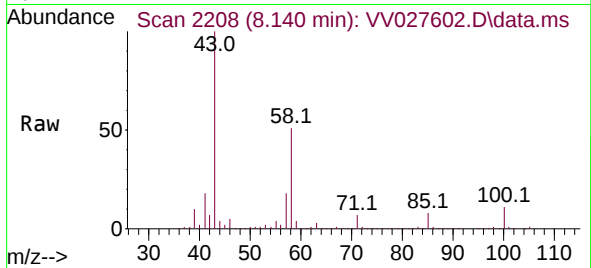




#48
2-Hexanone
Concen: 57.696 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

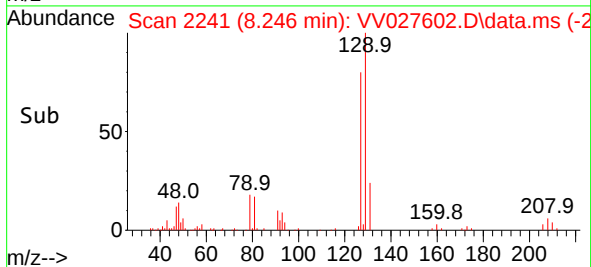
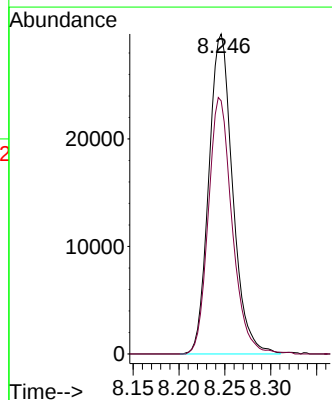
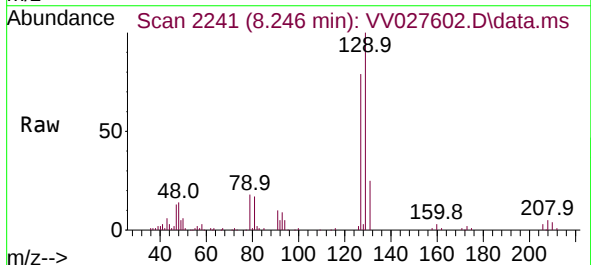
Instrument :
MSVOA_V
ClientSampleId :
DBVB9MSD

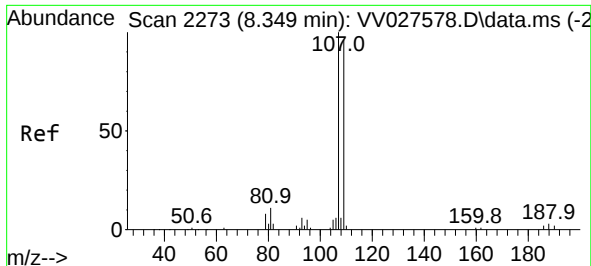
Tgt Ion: 43 Resp: 255055
Ion Ratio Lower Upper
43 100
58 52.2 41.3 61.9
57 18.0 14.9 22.3
100 11.6 9.8 14.6



#49
Dibromochloromethane
Concen: 4.997 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

Tgt Ion: 129 Resp: 53946
Ion Ratio Lower Upper
129 100
127 79.1 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.673 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

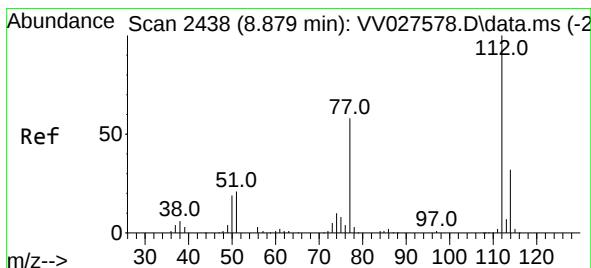
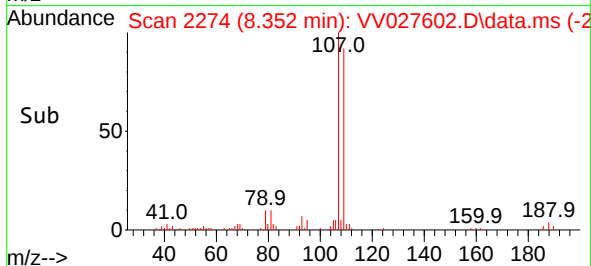
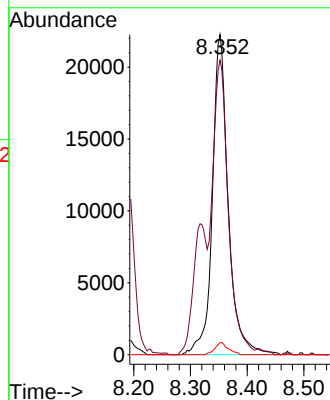
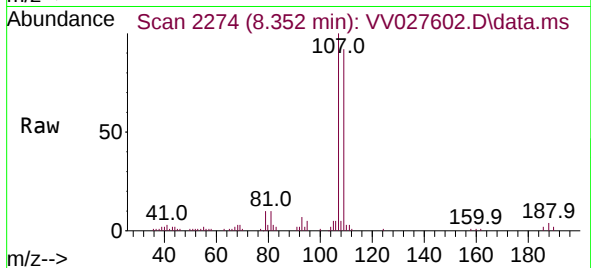
Instrument :

MSVOA_V

ClientSampleId :

DBVB9MSD

Tgt Ion:	107	Resp:	43464
Ion	Ratio	Lower	Upper
107	100		
109	92.0	67.8	125.8
188	3.7	3.5	5.3



#51

Chlorobenzene

Concen: 4.991 ug/L

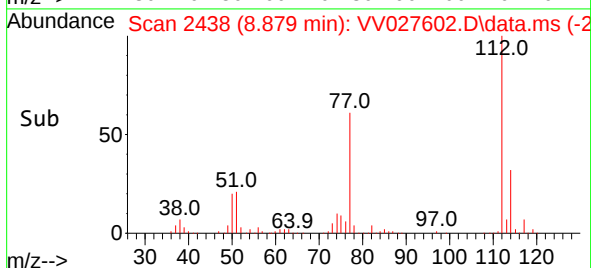
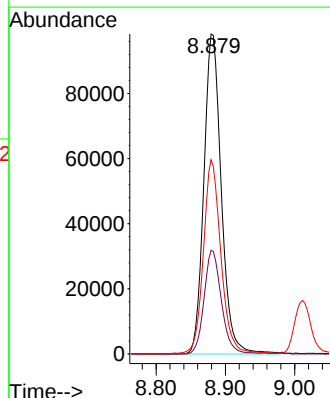
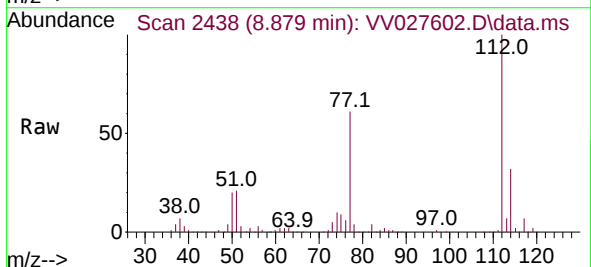
RT: 8.879 min Scan# 2438

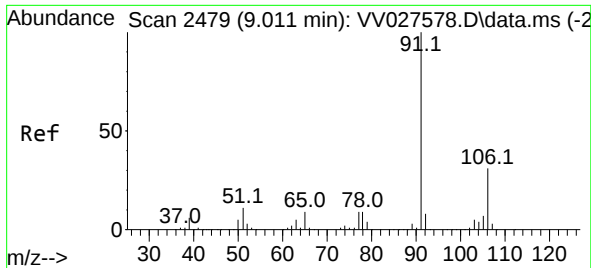
Delta R.T. 0.000 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

Tgt Ion:	112	Resp:	171711
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.7	42.1
77	60.7	46.2	69.4

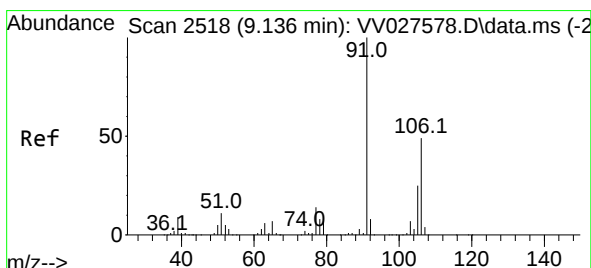
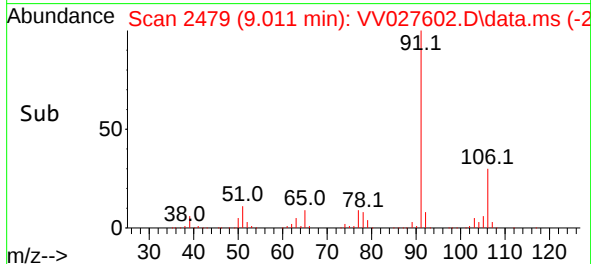
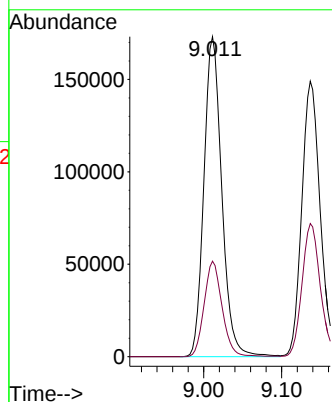
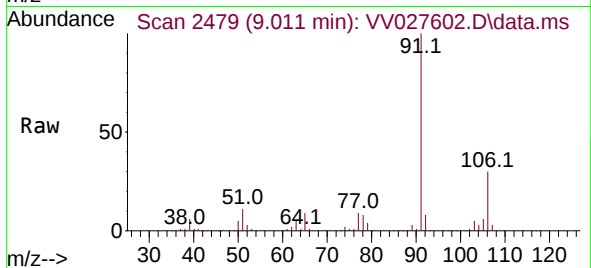




#52
Ethylbenzene
Concen: 5.085 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

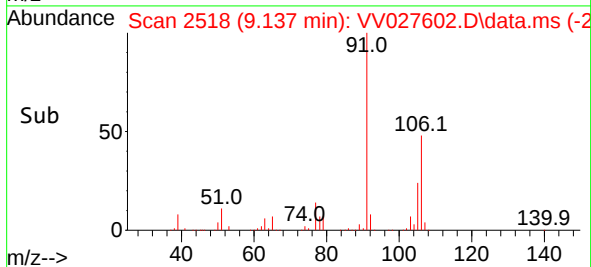
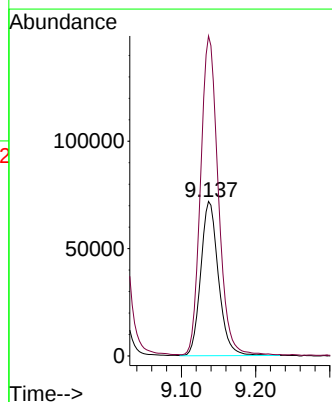
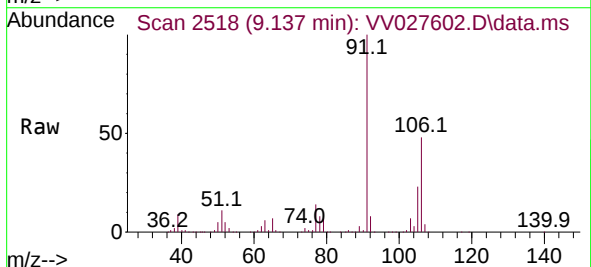
Instrument :
MSVOA_V
ClientSampleId :
DBVB9MSD

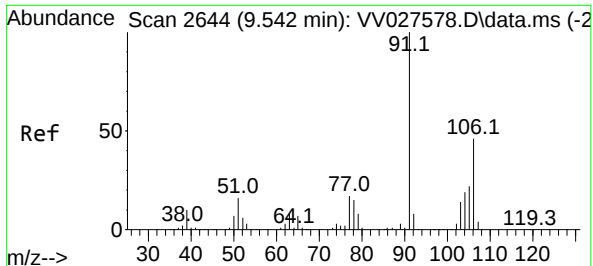
Tgt Ion: 91 Resp: 275930
Ion Ratio Lower Upper
91 100
106 29.9 21.4 39.8



#53
m,p-Xylene
Concen: 5.726 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

Tgt Ion: 106 Resp: 118899
Ion Ratio Lower Upper
106 100
91 207.1 143.8 267.0

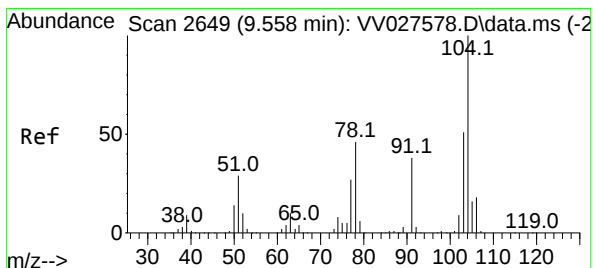
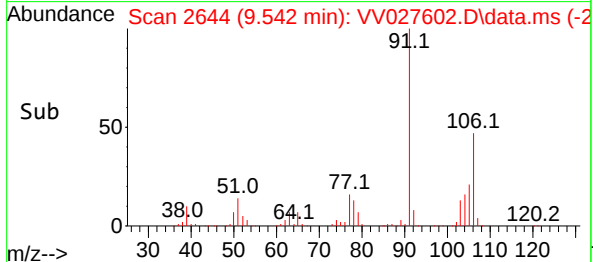
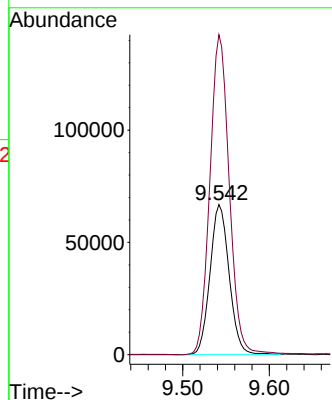
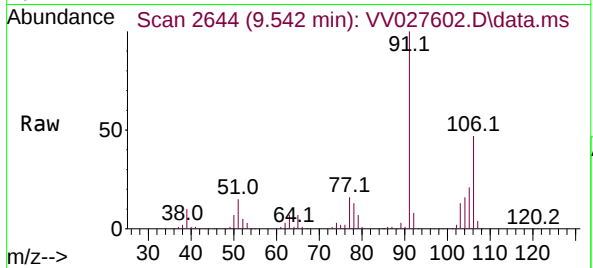




#54
o-Xylene
Concen: 5.111 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

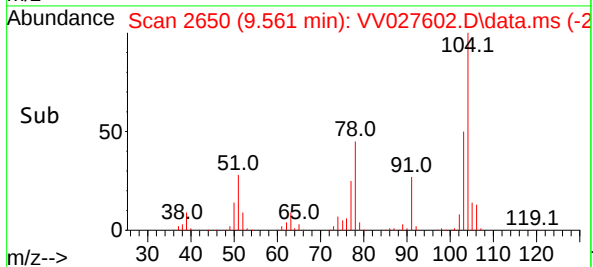
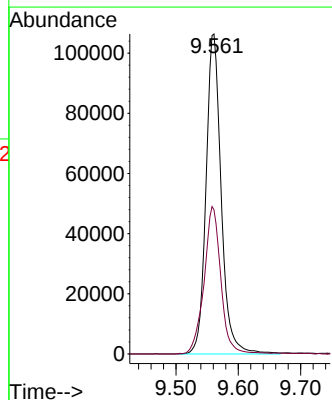
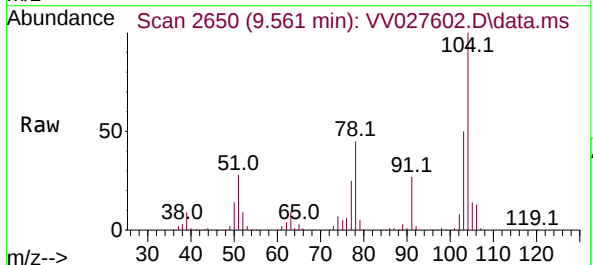
Instrument : MSVOA_V
ClientSampleId : DBVB9MSD

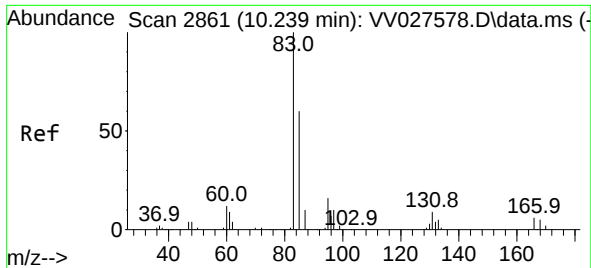
Tgt Ion:106 Resp: 102940
Ion Ratio Lower Upper
106 100
91 213.3 151.6 281.6



#55
Styrene
Concen: 5.265 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

Tgt Ion:104 Resp: 180415
Ion Ratio Lower Upper
104 100
78 45.0 32.0 59.4

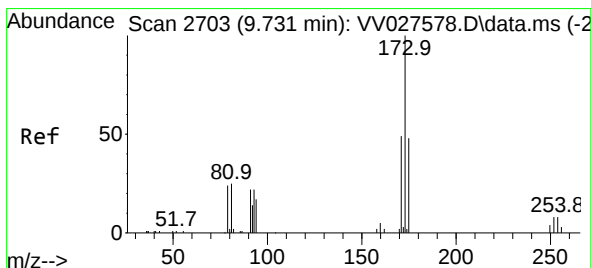
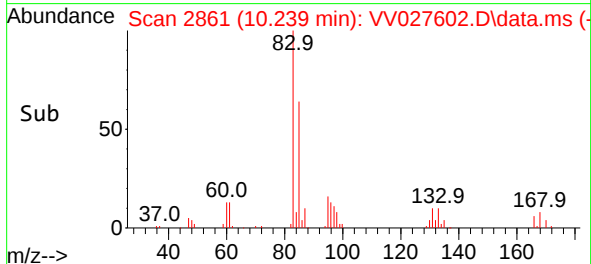
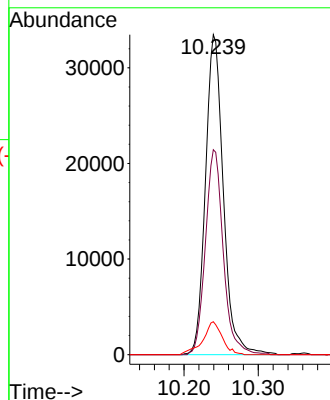
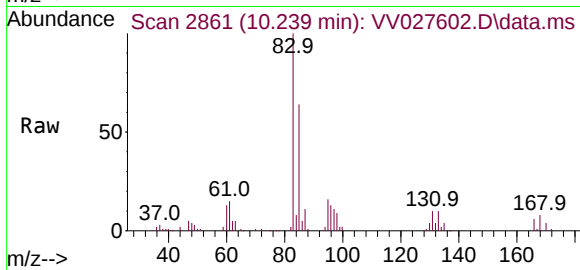




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.648 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV027602.D
 Acq: 30 Aug 2022 21:47

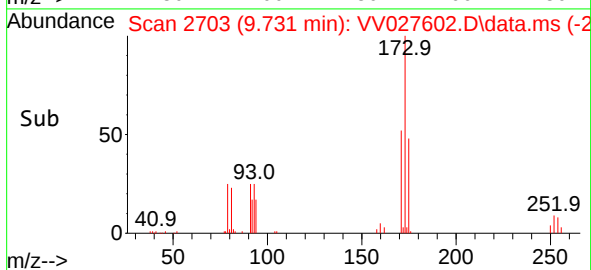
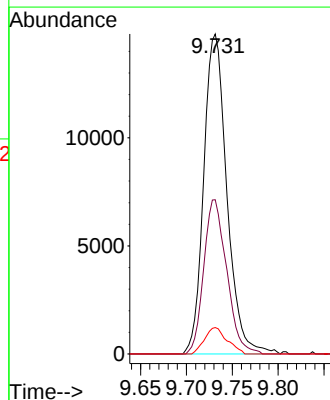
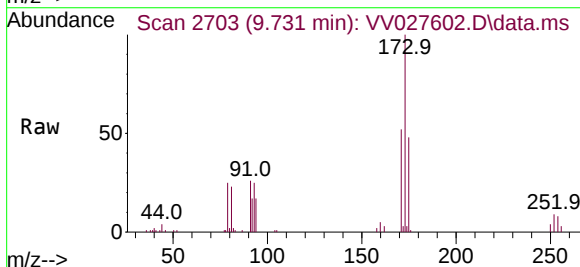
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB9MSD

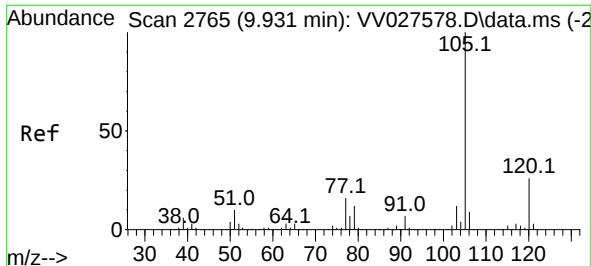
Tgt Ion:	83	Resp:	55846
Ion	Ratio	Lower	Upper
83	100		
85	64.1	44.1	81.9
131	10.3	7.3	10.9



#59
 Bromoform
 Concen: 4.939 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV027602.D
 Acq: 30 Aug 2022 21:47

Tgt Ion:	173	Resp:	26061
Ion	Ratio	Lower	Upper
173	100		
175	47.7	39.0	58.6
254	8.0	7.1	10.7

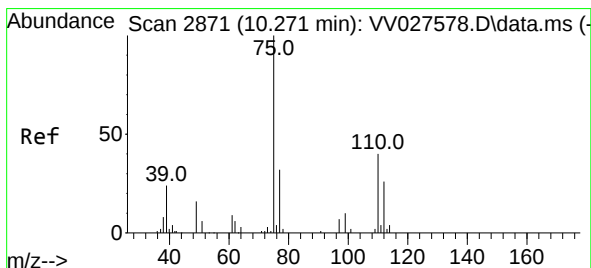
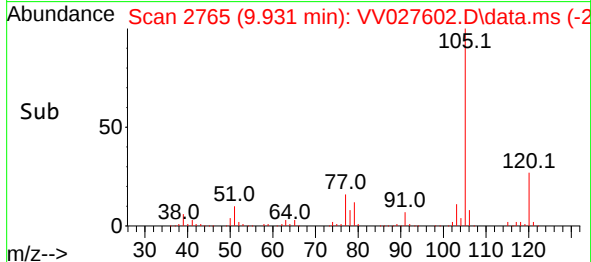
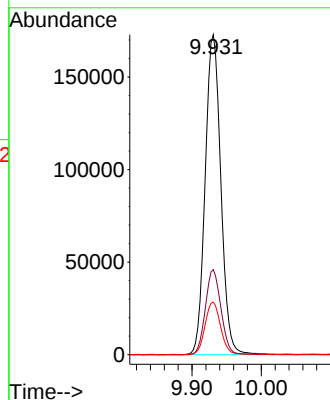
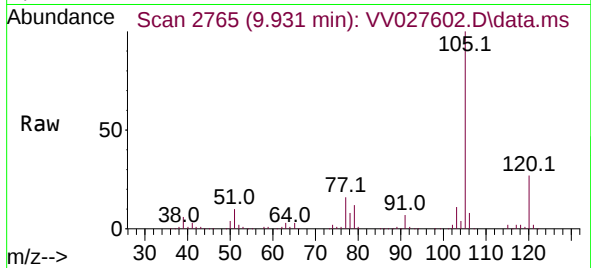




#60
Isopropylbenzene
Concen: 5.231 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

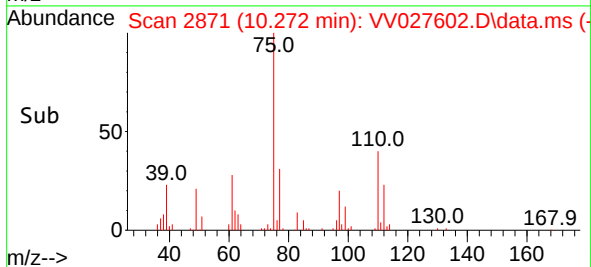
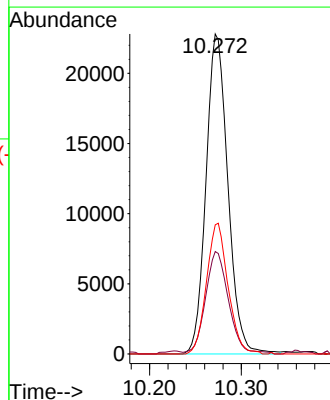
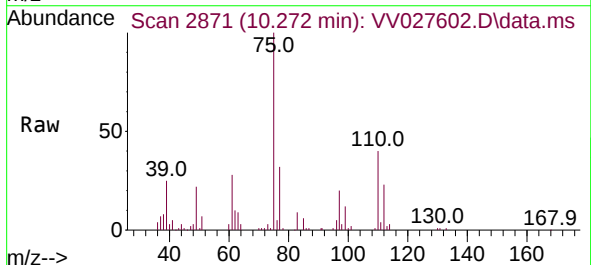
Instrument :
MSVOA_V
ClientSampleId :
DBVB9MSD

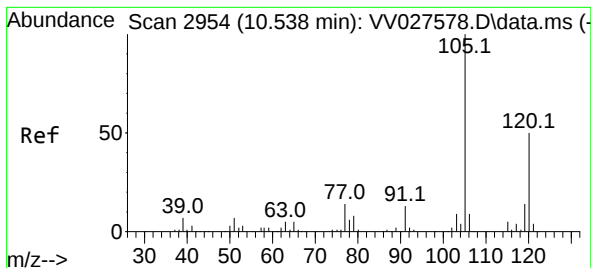
Tgt Ion:105 Resp: 271021
Ion Ratio Lower Upper
105 100
120 26.5 20.9 31.3
77 16.4 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.471 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

Tgt Ion: 75 Resp: 37793
Ion Ratio Lower Upper
75 100
77 33.7 26.2 39.2
110 40.3 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 4.925 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

Instrument :

MSVOA_V

ClientSampleId :

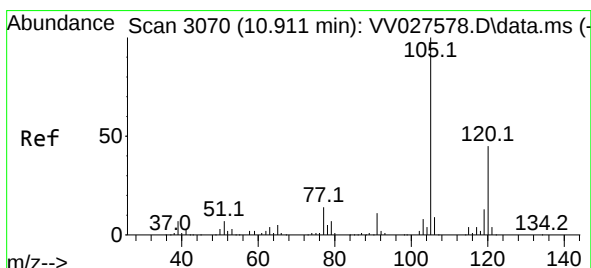
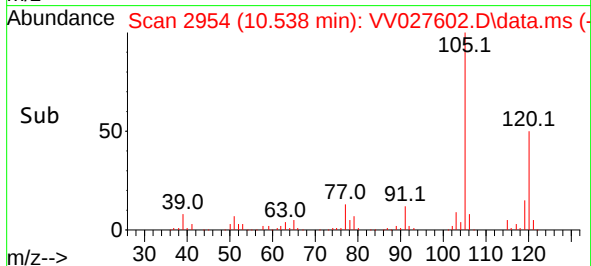
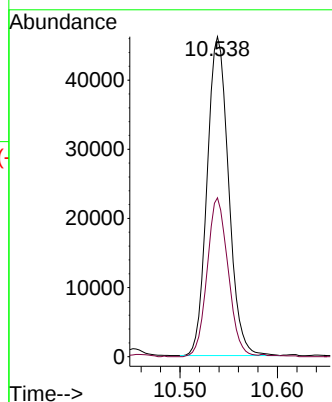
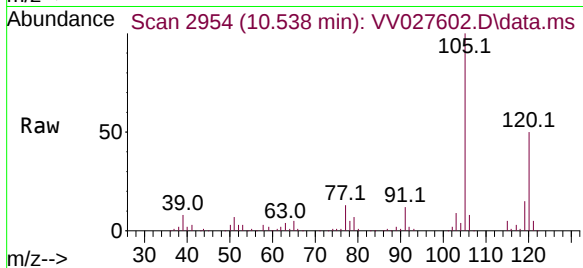
DBVB9MSD

Tgt Ion:105 Resp: 70745

Ion Ratio Lower Upper

105 100

120 48.7 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 5.137 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV027602.D

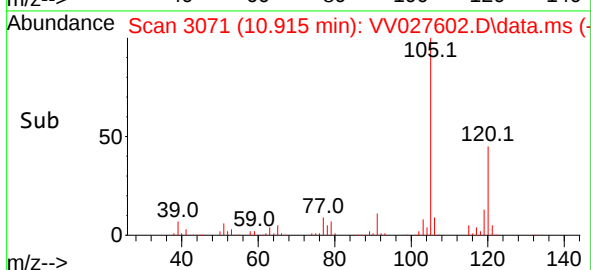
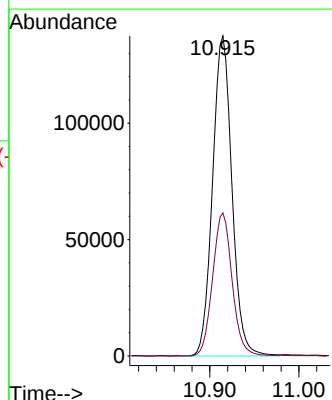
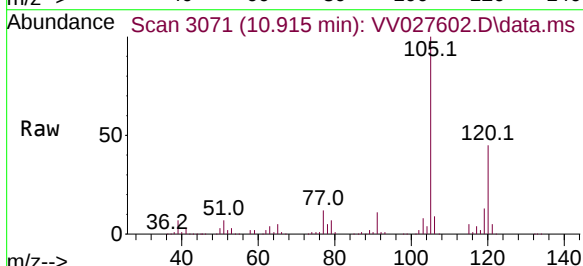
Acq: 30 Aug 2022 21:47

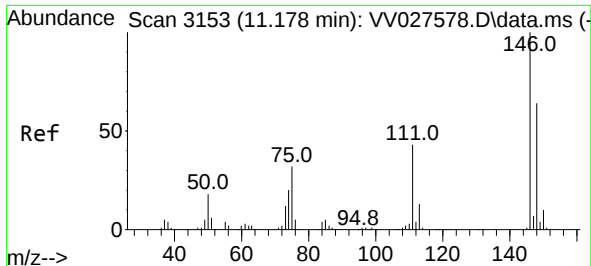
Tgt Ion:105 Resp: 207902

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.6

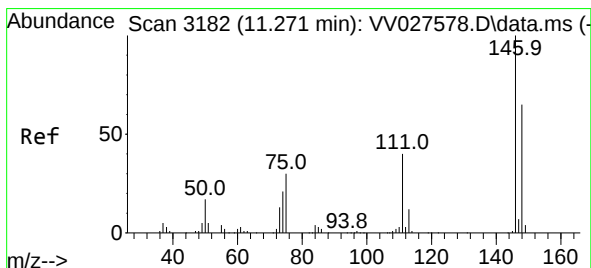
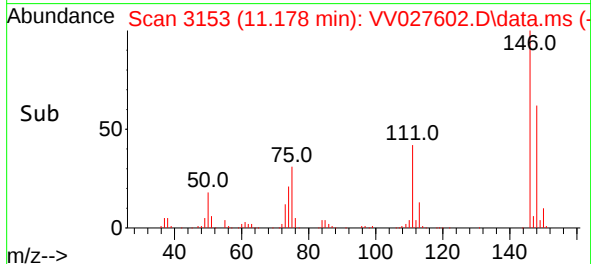
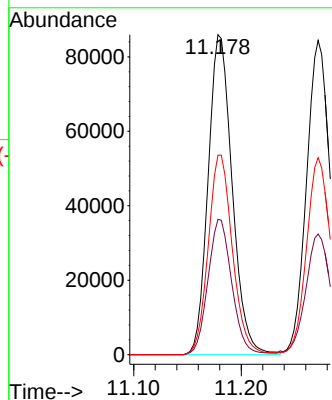
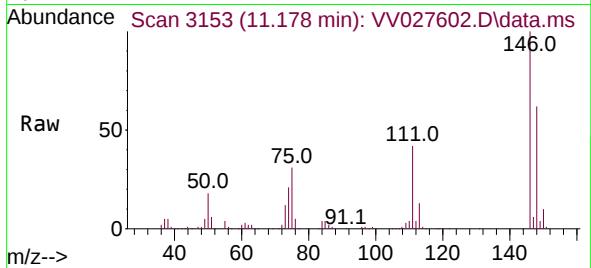




#64
1,3-Dichlorobenzene
Concen: 5.235 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

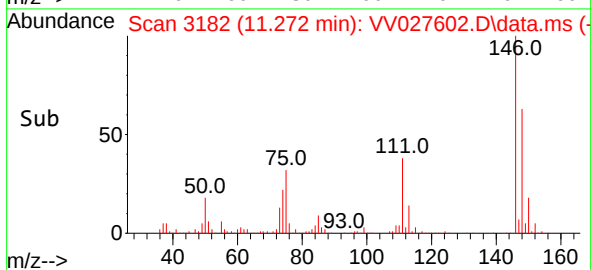
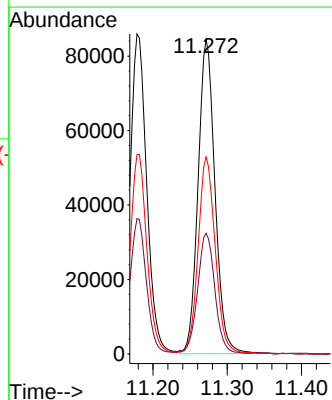
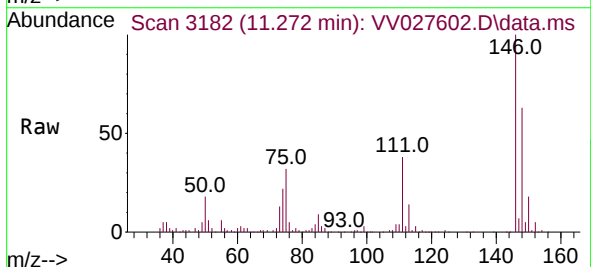
Instrument :
MSVOA_V
ClientSampleId :
DBVB9MSD

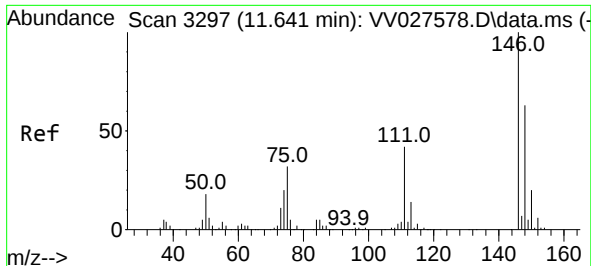
Tgt Ion:146 Resp: 133623
Ion Ratio Lower Upper
146 100
111 42.3 28.8 53.4
148 62.3 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.271 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027602.D
Acq: 30 Aug 2022 21:47

Tgt Ion:146 Resp: 134138
Ion Ratio Lower Upper
146 100
111 38.4 26.6 49.4
148 62.7 42.6 79.0





#67

1,2-Dichlorobenzene

Concen: 5.499 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

Instrument :

MSVOA_V

ClientSampleId :

DBVB9MSD

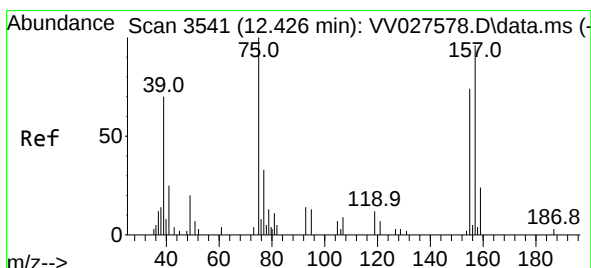
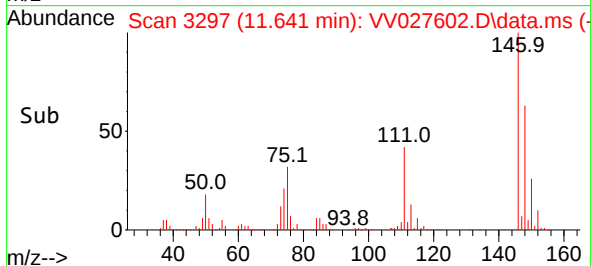
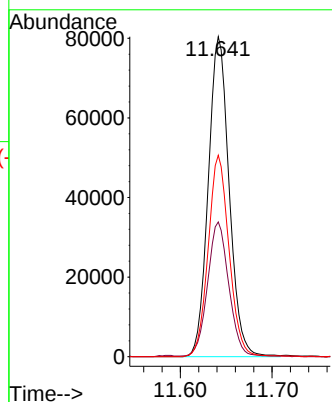
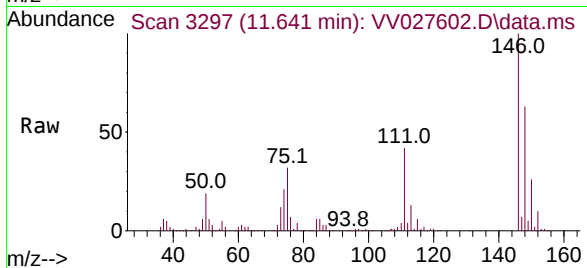
Tgt Ion:146 Resp: 127260

Ion Ratio Lower Upper

146 100

111 42.1 34.5 51.7

148 62.9 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.063 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

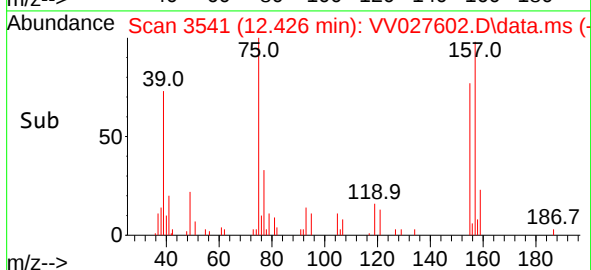
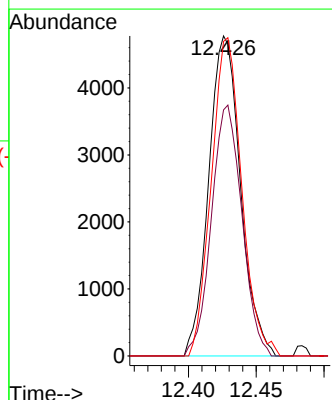
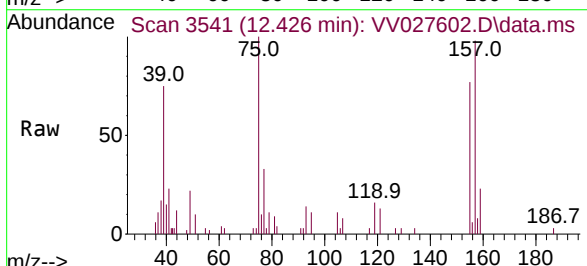
Tgt Ion: 75 Resp: 7770

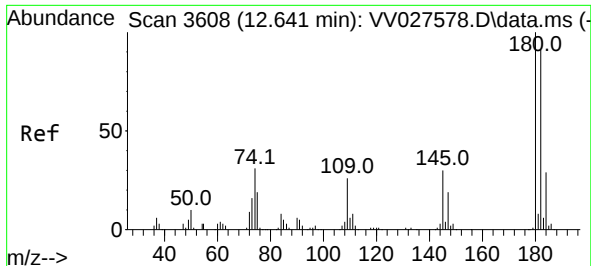
Ion Ratio Lower Upper

75 100

155 76.9 63.1 94.7

157 98.3 81.8 122.8

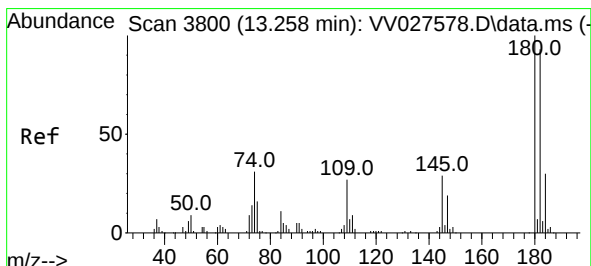
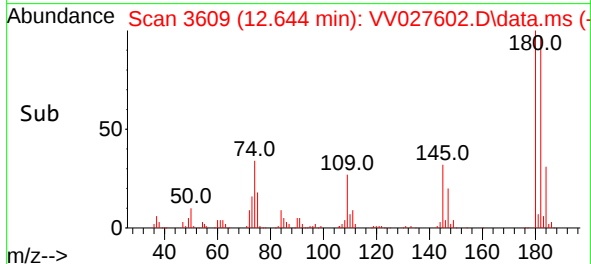
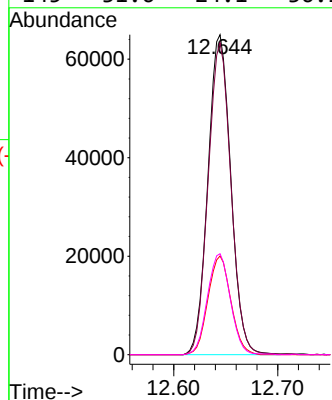
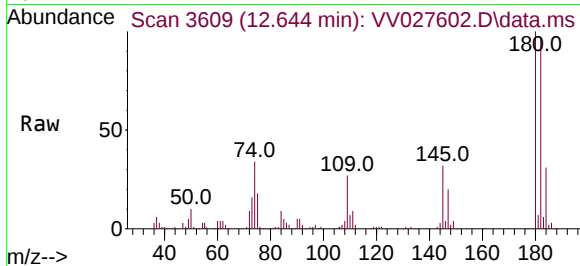




#69
 1,3,5-Trichlorobenzene
 Concen: 5.218 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV027602.D
 Acq: 30 Aug 2022 21:47

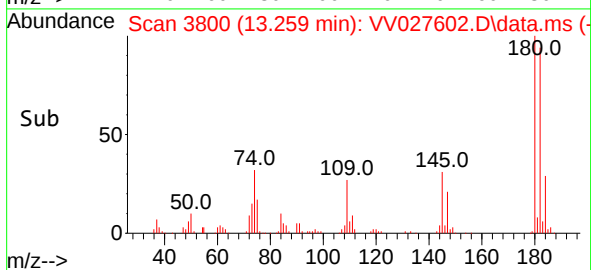
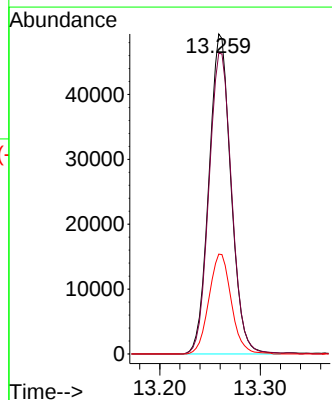
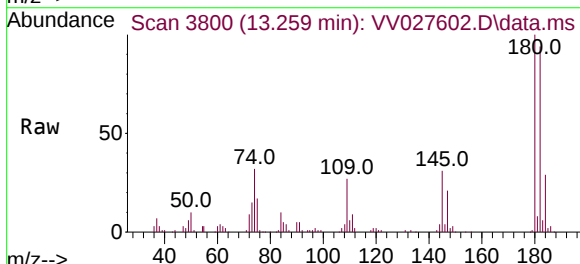
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVB9MSD

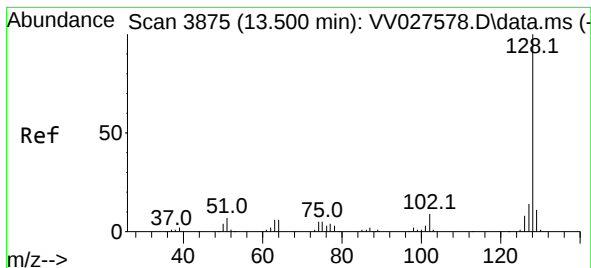
Tgt Ion:180	Resp:	99420
Ion Ratio	Lower	Upper
180	100	
182	97.0	74.1 111.1
184	30.8	23.2 34.8
145	31.6	24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.420 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027602.D
 Acq: 30 Aug 2022 21:47

Tgt Ion:180	Resp:	75051
Ion Ratio	Lower	Upper
180	100	
182	97.0	76.0 114.0
145	31.7	24.9 37.3





#71

Naphthalene

Concen: 5.898 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

Instrument :

MSVOA_V

ClientSampleId :

DBVB9MSD

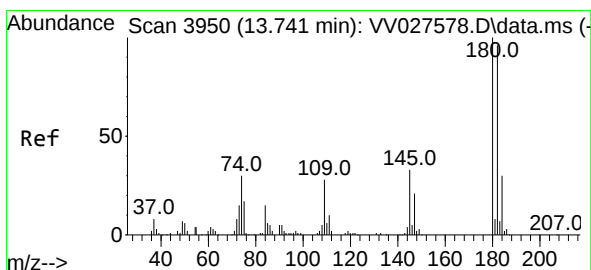
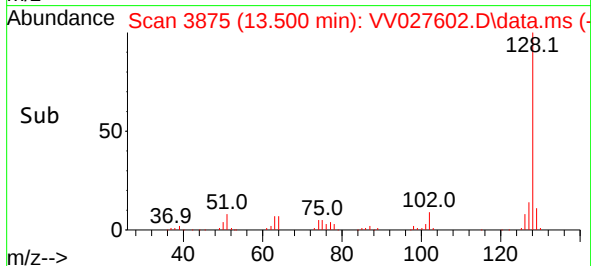
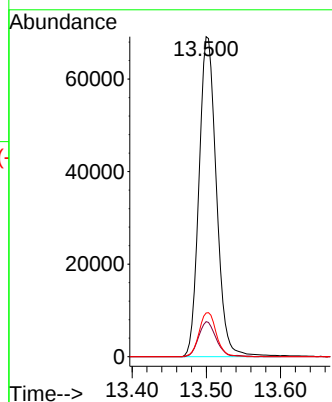
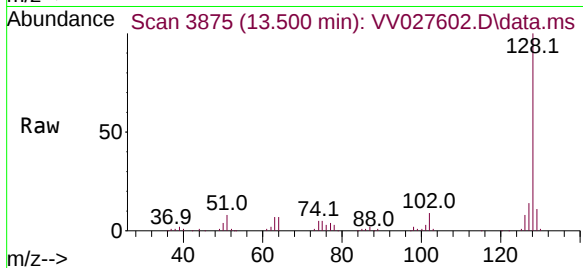
Tgt Ion:128 Resp: 112739

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 13.7 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 5.623 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027602.D

Acq: 30 Aug 2022 21:47

Tgt Ion:180 Resp: 69143

Ion Ratio Lower Upper

180 100

182 97.5 75.3 112.9

145 34.4 26.6 39.8

