

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082922\
 Data File : VW027575.D
 Acq On : 29 Aug 2022 20:27
 Operator : SY/MD
 Sample : N4402-03MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA8MSD

Quant Time: Aug 30 04:20:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	141596	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144986	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	64363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37884	3.759	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.564	69	38474	5.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.108	63	95237	4.053	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	3.892	46	65039	51.860	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.720%
24) Chloroform-d	4.346	84	80540	3.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.034	65	40177	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.050	84	159437	3.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.069	67	50713	4.344	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.313	98	152981	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.625	79	11054	2.765	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.400%
46) 2-Hexanone-d5	8.091	63	55508	42.181	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.360%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27225	3.662	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	40781	4.274	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	54334	3.616	ug/L	99
3) Chloromethane	1.240	50	50918	3.881	ug/L	100
5) Vinyl chloride	1.310	62	51522	3.901	ug/L	96
6) Bromomethane	1.519	94	24773	3.793	ug/L	98
8) Chloroethane	1.584	64	40742	5.278	ug/L	95
9) Trichlorofluoromethane	1.751	101	93144	4.439	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	51881	4.380	ug/L	96
12) 1,1-Dichloroethene	2.114	96	47972	4.478	ug/L	95
13) Acetone	2.175	43	89392	74.637	ug/L	95
14) Carbon disulfide	2.291	76	114261	3.886	ug/L	99
15) Methyl Acetate	2.439	43	3172	0.956	ug/L #	91
16) Methylene chloride	2.503	84	53245	3.297	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	107420	4.846	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	40415	3.662	ug/L	97
19) 1,1-Dichloroethane	3.185	63	84484	3.697	ug/L	99
21) 2-Butanone	3.973	43	86264	54.120	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	47739	4.059	ug/L	97
23) Bromochloromethane	4.246	128	20885	4.026	ug/L #	81
25) Chloroform	4.371	83	106957	4.305	ug/L	95

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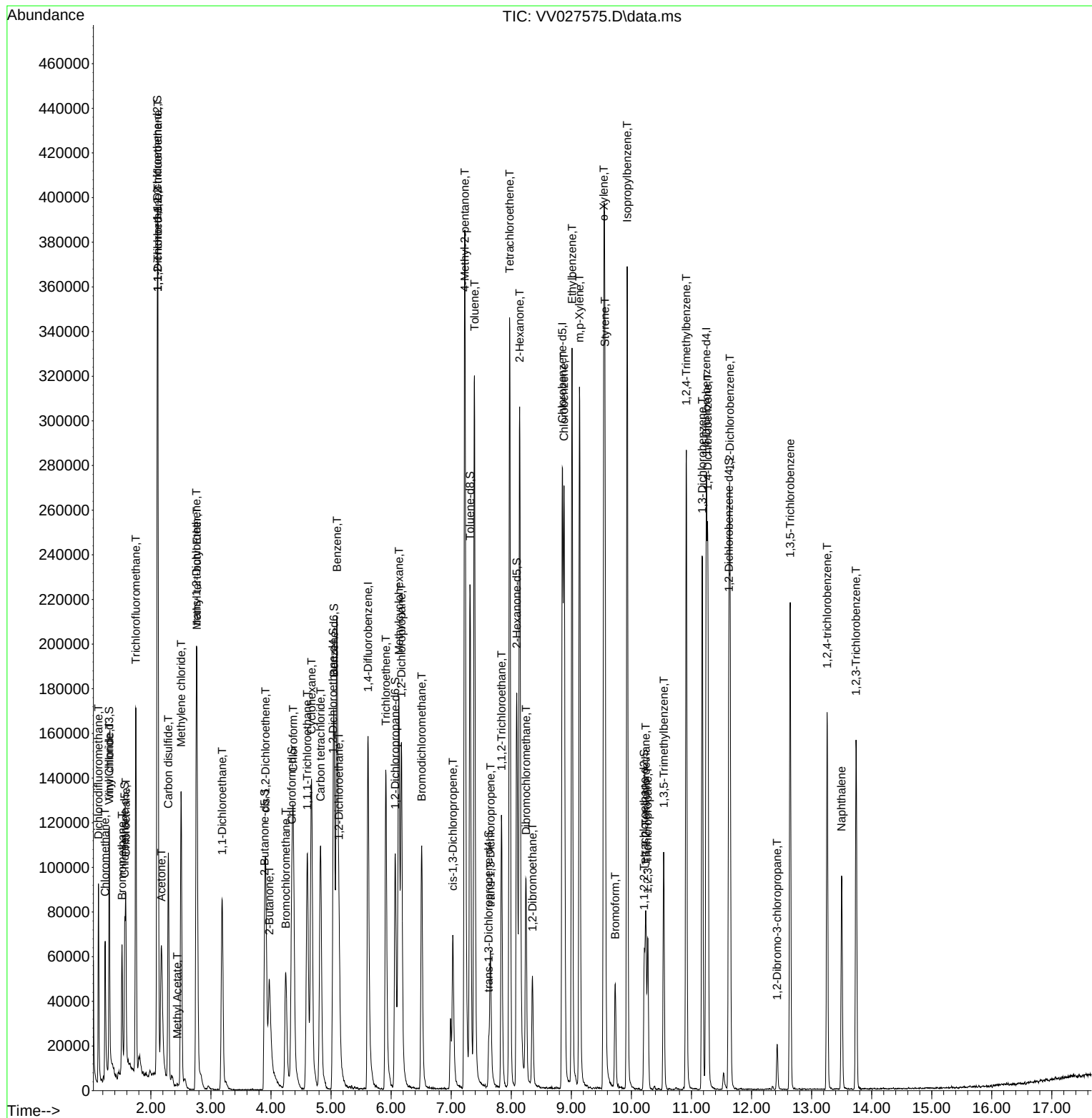
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	62313	4.936	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	91178	4.097	ug/L	99
30) Cyclohexane	4.674	56	68184	3.991	ug/L	99
31) Carbon tetrachloride	4.825	117	86458	4.467	ug/L	100
33) Benzene	5.098	78	214597	4.452	ug/L	100
34) Trichloroethene	5.912	95	51996	4.099	ug/L	95
35) Methylcyclohexane	6.130	83	67461	3.781	ug/L	98
37) 1,2-Dichloropropane	6.172	63	58374	4.542	ug/L	99
38) Bromodichloromethane	6.510	83	76645	4.704	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	43380	2.799	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	274049	47.726	ug/L	99
42) Toluene	7.387	91	235898	4.741	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	36554	2.790	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	38214	4.651	ug/L	93
47) Tetrachloroethene	7.973	164	75929	7.683	ug/L	99
48) 2-Hexanone	8.140	43	201940	48.806	ug/L	97
49) Dibromochloromethane	8.246	129	46077	4.560	ug/L	97
50) 1,2-Dibromoethane	8.352	107	33638	4.691	ug/L	95
51) Chlorobenzene	8.879	112	140372	4.359	ug/L	98
52) Ethylbenzene	9.011	91	222148	4.374	ug/L	100
53) m,p-Xylene	9.136	106	86137	4.432	ug/L	96
54) o-Xylene	9.542	106	83151	4.411	ug/L	100
55) Styrene	9.561	104	126050	3.930	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	34455	3.723	ug/L	95
59) Bromoform	9.731	173	21591	5.005	ug/L	98
60) Isopropylbenzene	9.931	105	223418	5.276	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	25195	4.462	ug/L	93
62) 1,3,5-Trimethylbenzene	10.538	105	55644	4.738	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	153392	4.636	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	94890	4.548	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	93950	4.517	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	87522	4.627	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5348	4.263	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	66139	4.246	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	50142	4.430	ug/L	98
71) Naphthalene	13.500	128	75827	4.853	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	46564	4.632	ug/L	98

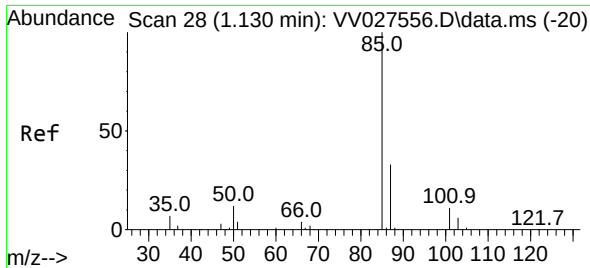
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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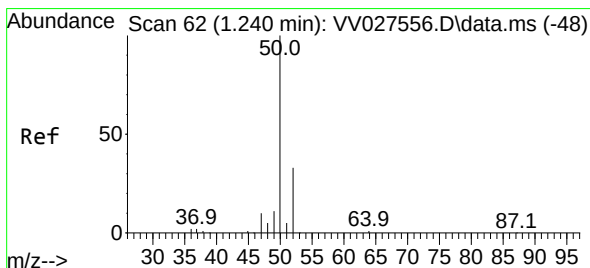
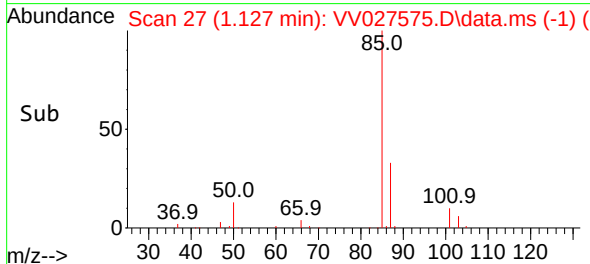
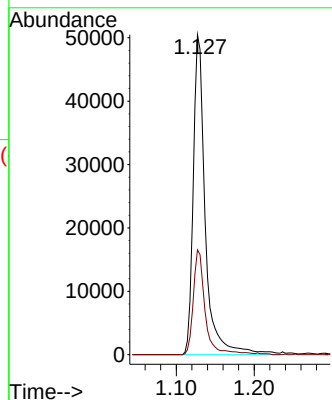
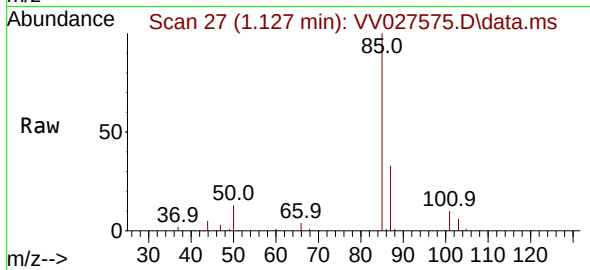




#2
 Dichlorodifluoromethane
 Concen: 3.616 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

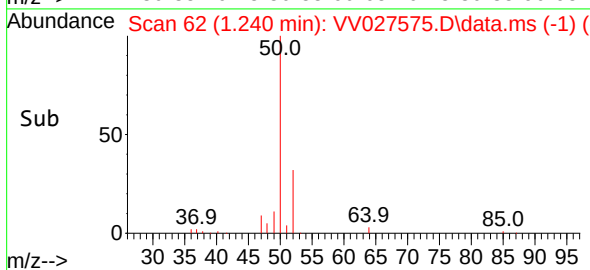
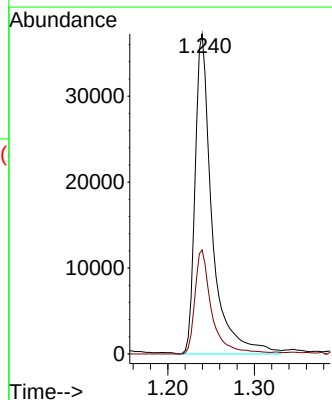
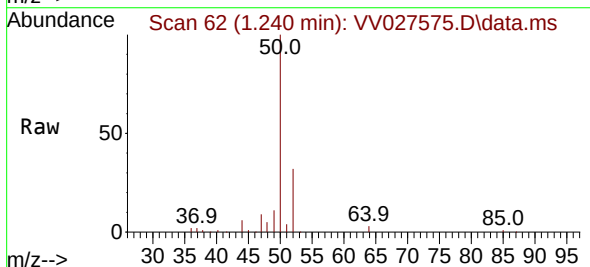
Instrument :
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 ClientSampleId :
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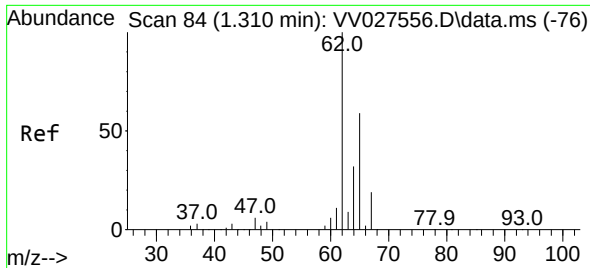
Tgt Ion: 85 Resp: 54334
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.0 39.0



#3
 Chloromethane
 Concen: 3.881 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

Tgt Ion: 50 Resp: 50918
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.8 42.4

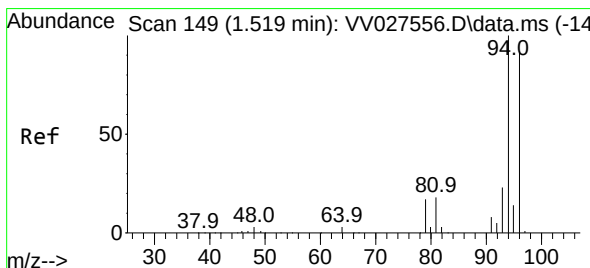
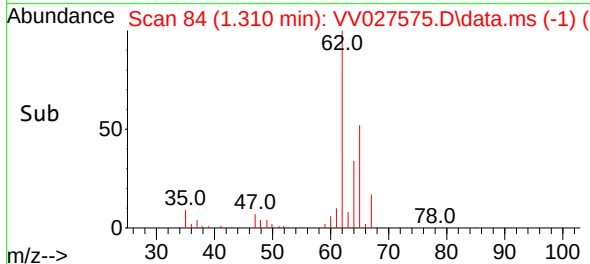
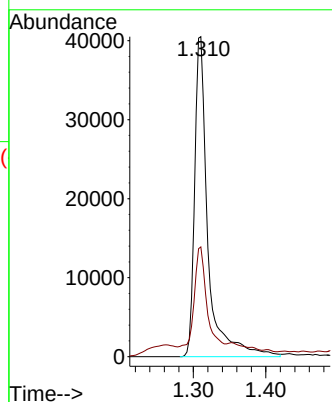
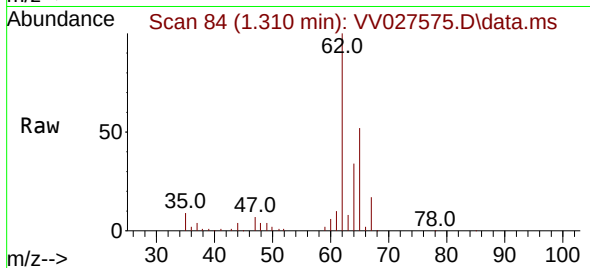




#5
 Vinyl chloride
 Concen: 3.901 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

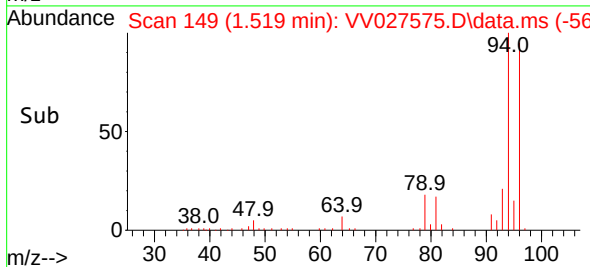
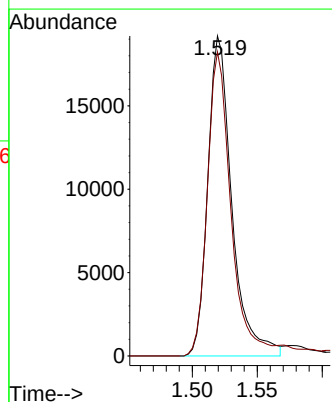
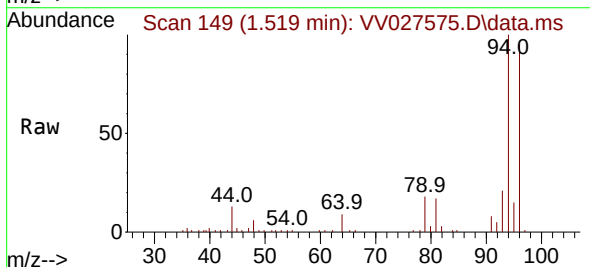
Instrument :
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 ClientSampleId :
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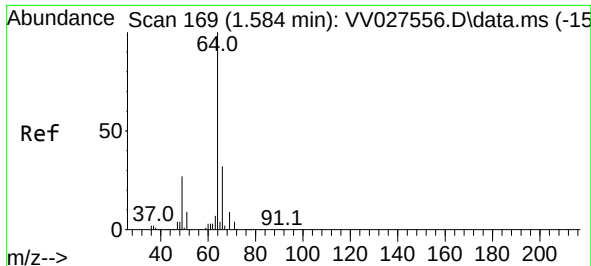
Tgt Ion: 62 Resp: 51522
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.6 42.0



#6
 Bromomethane
 Concen: 3.793 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

Tgt Ion: 94 Resp: 24773
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.2 121.0

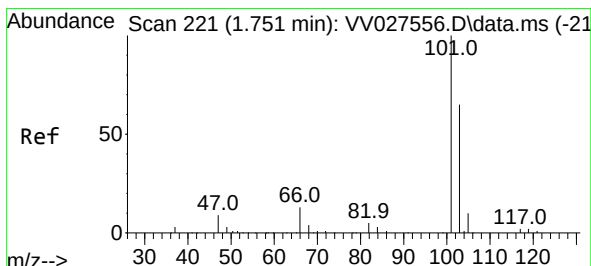
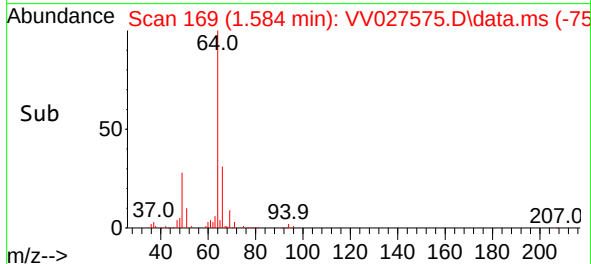
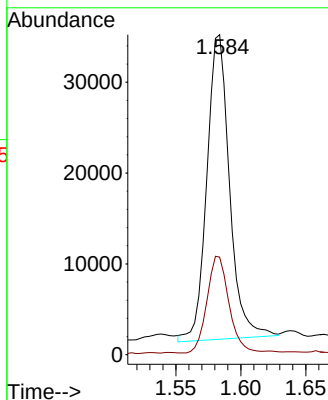
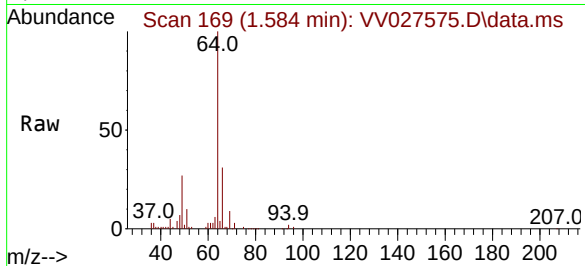




#8
Chloroethane
Concen: 5.278 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

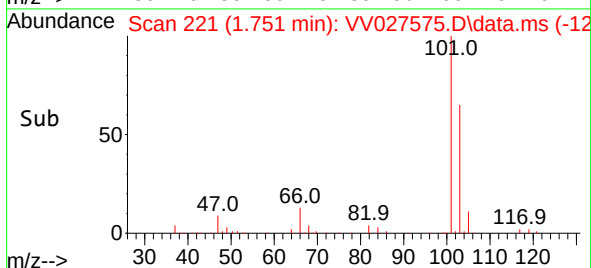
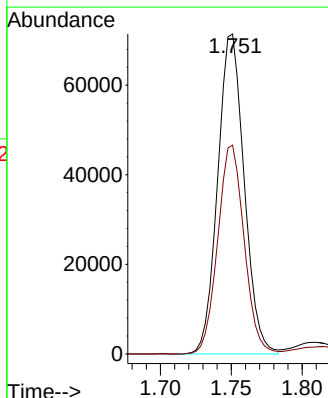
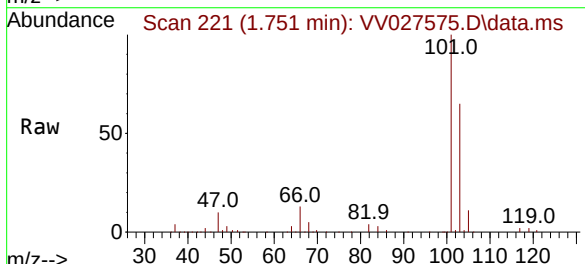
Instrument :
MSVOA_V
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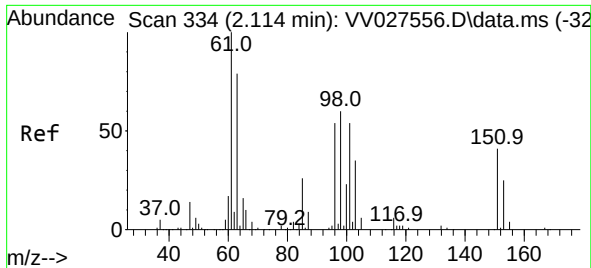
Tgt Ion: 64 Resp: 40742
Ion Ratio Lower Upper
64 100
66 30.5 23.3 43.3



#9
Trichlorofluoromethane
Concen: 4.439 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

Tgt Ion:101 Resp: 93144
Ion Ratio Lower Upper
101 100
103 65.1 51.5 77.3

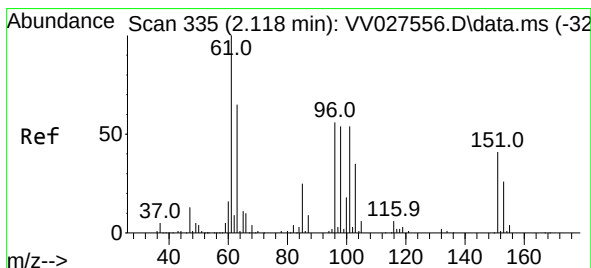
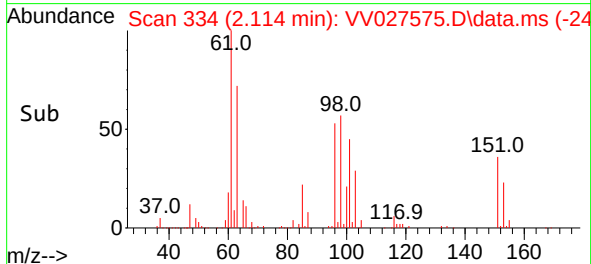
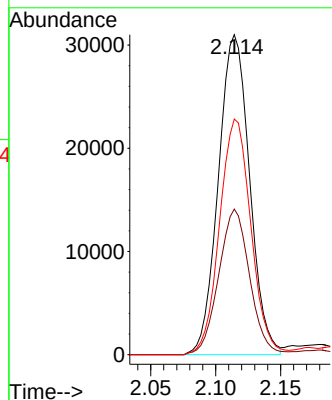
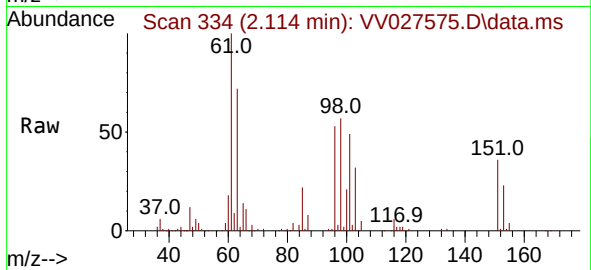




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.380 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

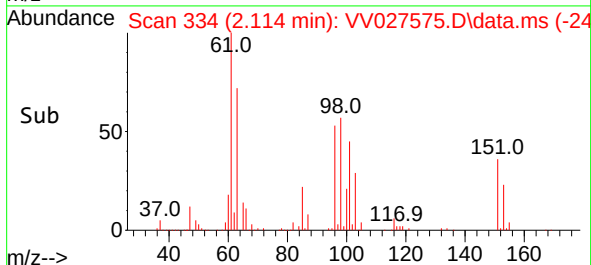
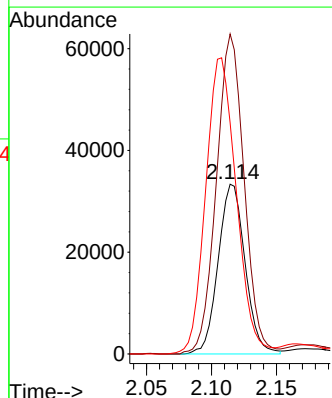
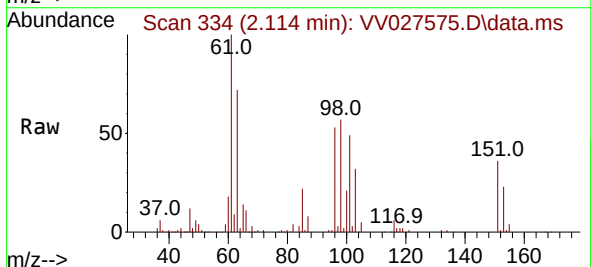
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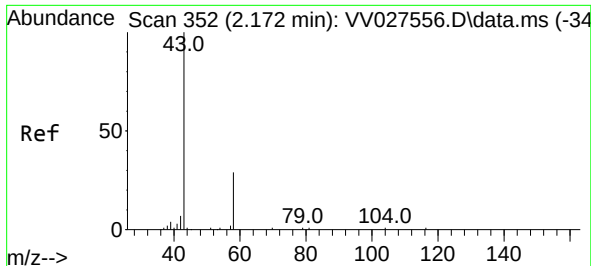
Tgt Ion:101 Resp: 51881
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.3 52.9
 151 74.0 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 4.478 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

Tgt Ion: 96 Resp: 47972
 Ion Ratio Lower Upper
 96 100
 61 188.4 130.2 241.8
 63 136.1 87.4 162.4





#13

Acetone

Concen: 74.637 ug/L

RT: 2.175 min Scan# 352

Delta R.T. 0.003 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

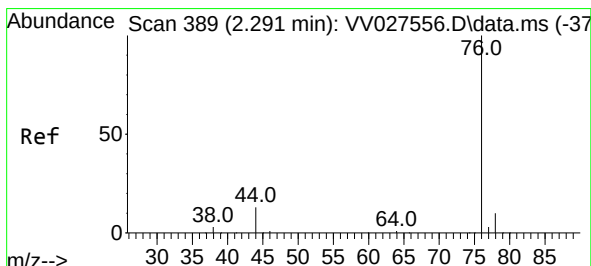
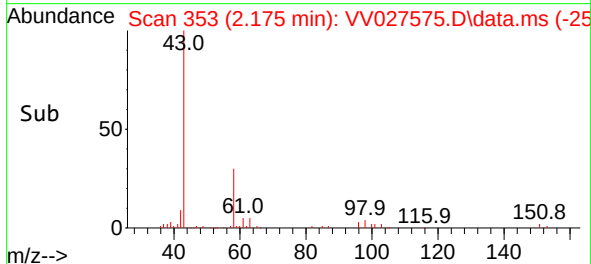
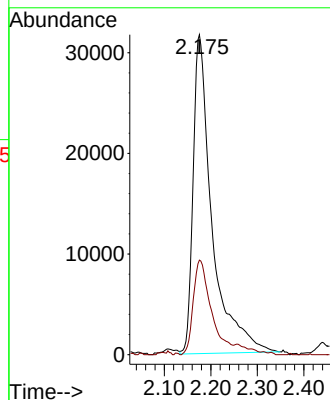
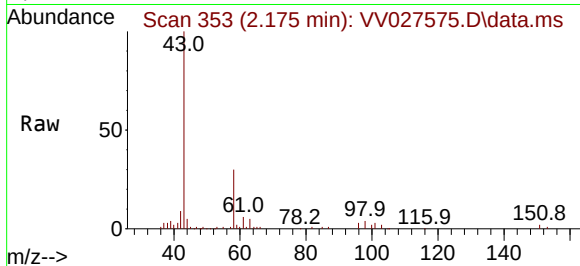
DBVA8MSD

Tgt Ion: 43 Resp: 89392

Ion Ratio Lower Upper

43 100

58 28.3 0.0 62.2



#14

Carbon disulfide

Concen: 3.886 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

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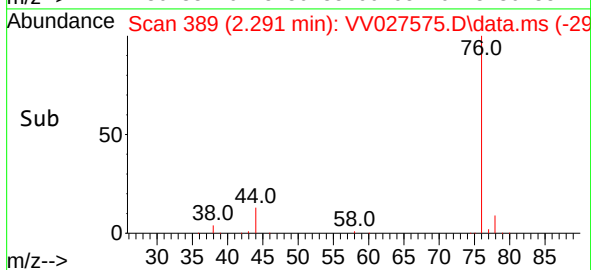
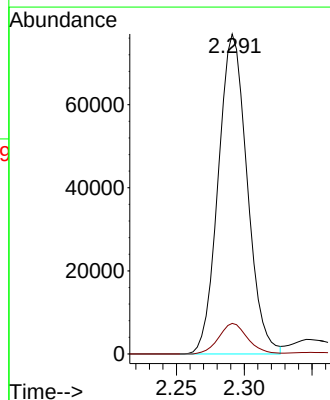
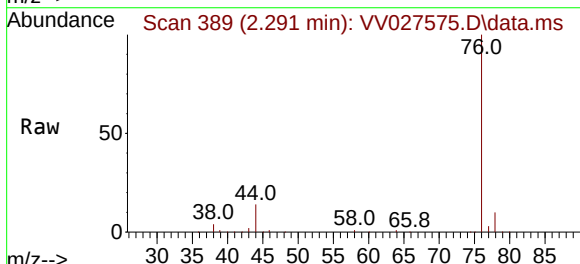
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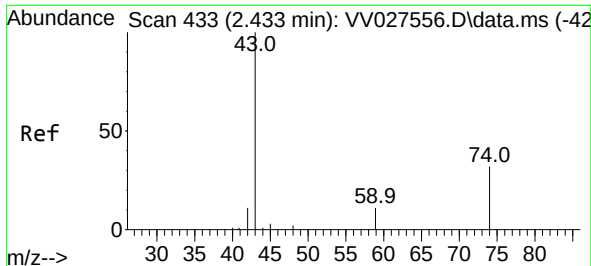
Tgt Ion: 76 Resp: 114261

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

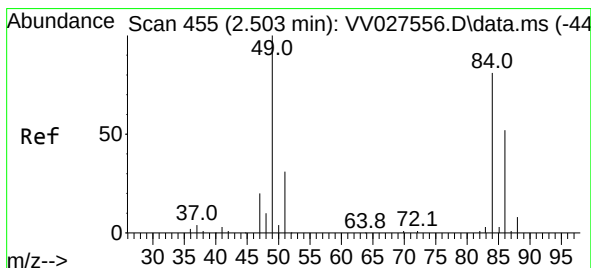
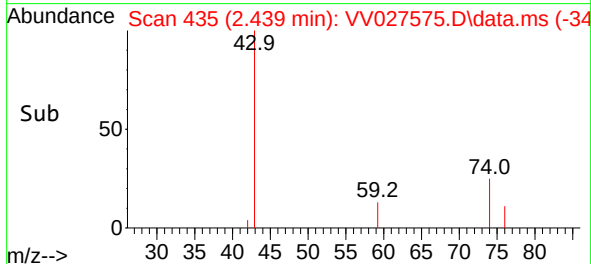
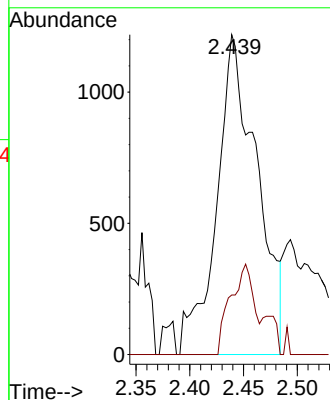
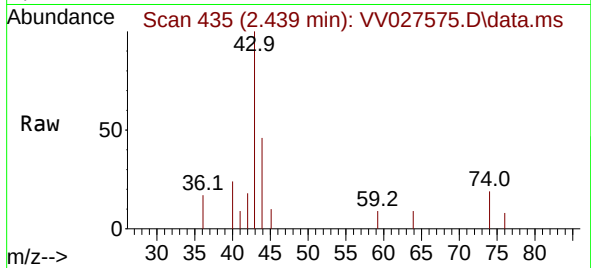




#15
Methyl Acetate
Concen: 0.956 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

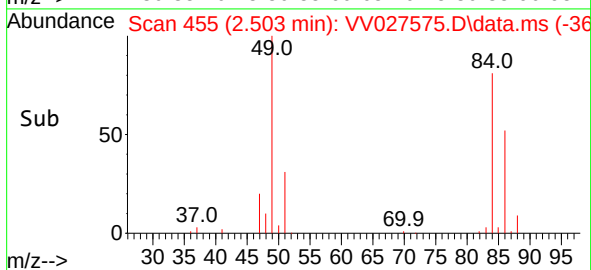
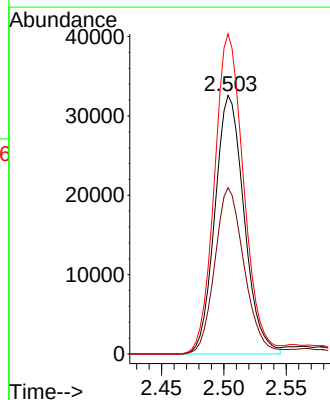
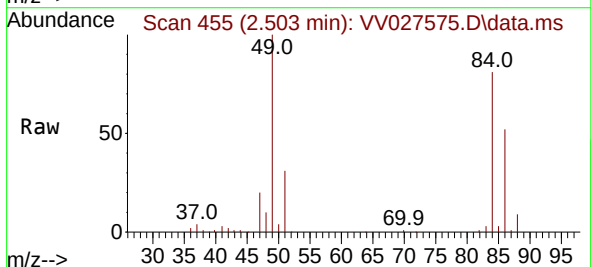
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MSD

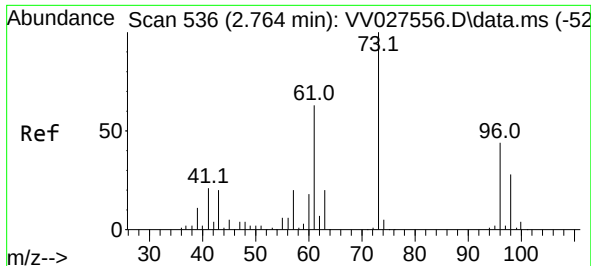
Tgt Ion: 43 Resp: 3172
Ion Ratio Lower Upper
43 100
74 16.3 16.3 24.5#



#16
Methylene chloride
Concen: 3.297 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

Tgt Ion: 84 Resp: 53245
Ion Ratio Lower Upper
84 100
86 64.3 44.0 81.6
49 123.8 89.4 166.0

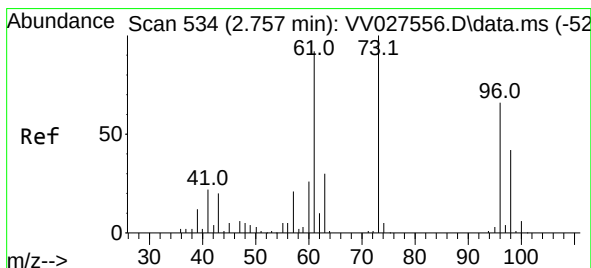
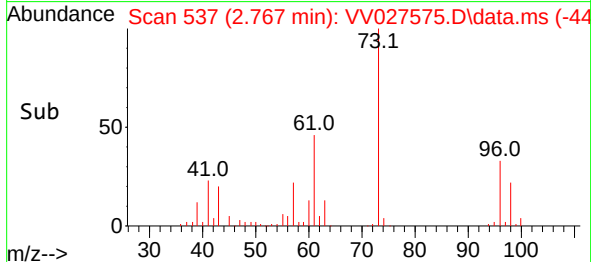
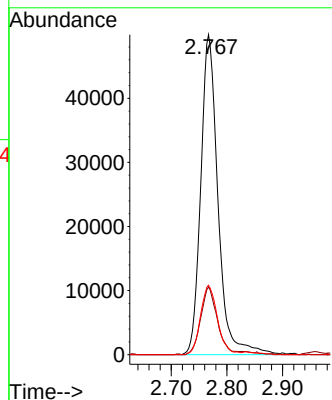
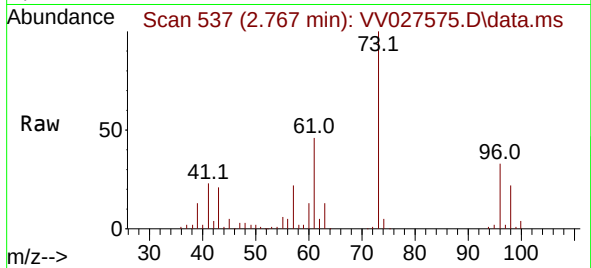




#17
Methyl tert-butyl Ether
Concen: 4.846 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

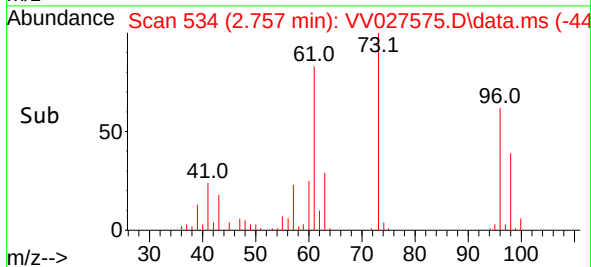
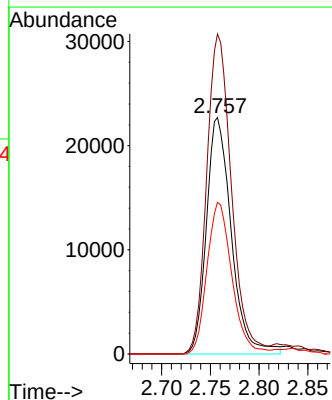
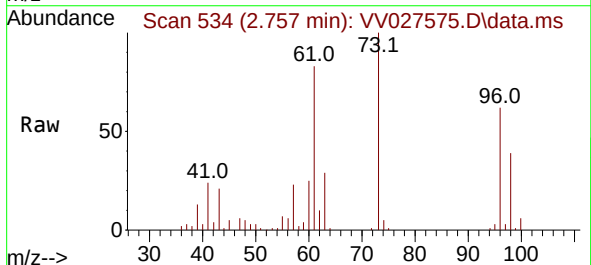
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MSD

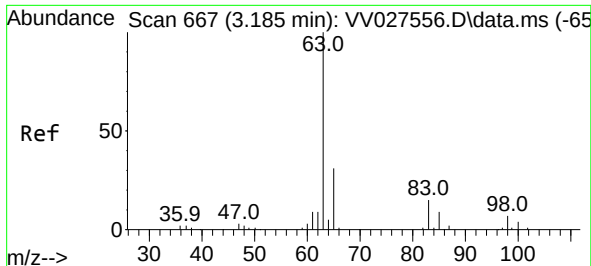
Tgt Ion: 73 Resp: 107420
Ion Ratio Lower Upper
73 100
43 21.1 15.6 23.4
57 21.4 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 3.662 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

Tgt Ion: 96 Resp: 40415
Ion Ratio Lower Upper
96 100
61 135.3 97.6 181.4
98 64.1 45.9 85.3





#19

1,1-Dichloroethane

Concen: 3.697 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

DBVA8MSD

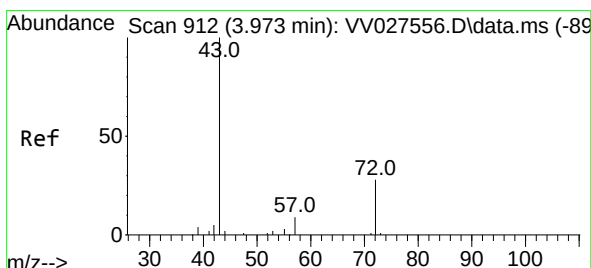
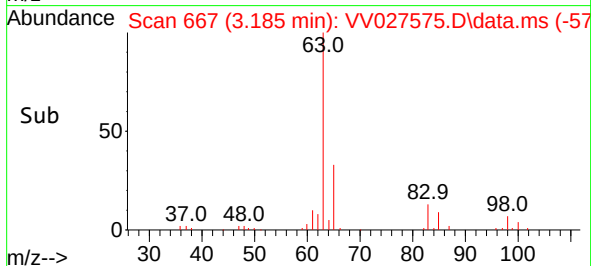
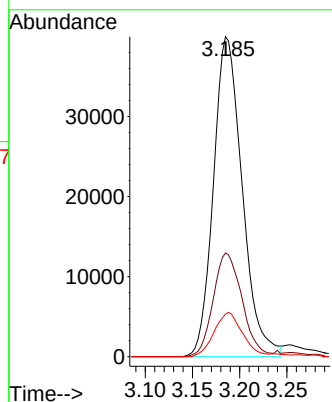
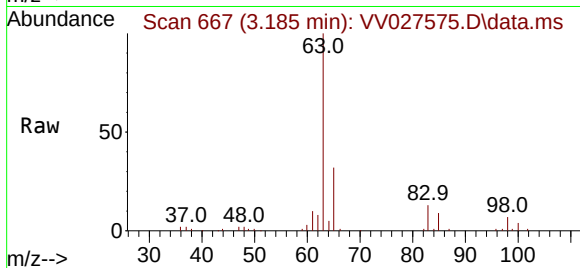
Tgt Ion: 63 Resp: 84484

Ion Ratio Lower Upper

63 100

65 32.4 22.1 41.1

83 13.3 9.6 17.8



#21

2-Butanone

Concen: 54.120 ug/L

RT: 3.973 min Scan# 912

Delta R.T. 0.003 min

Lab File: VV027575.D

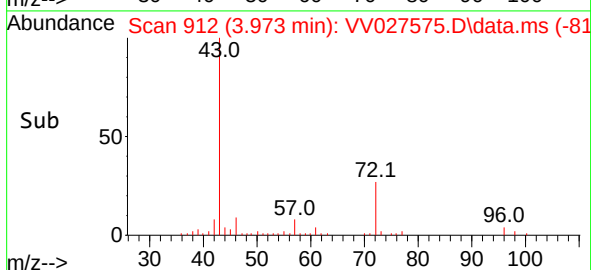
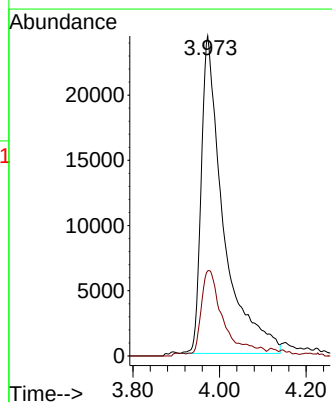
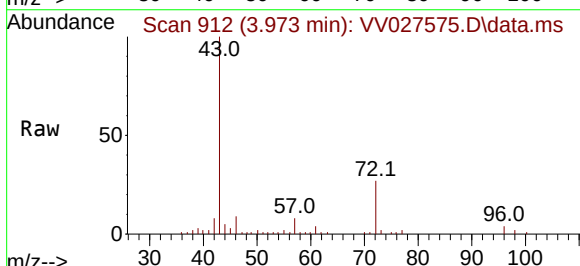
Acq: 29 Aug 2022 20:27

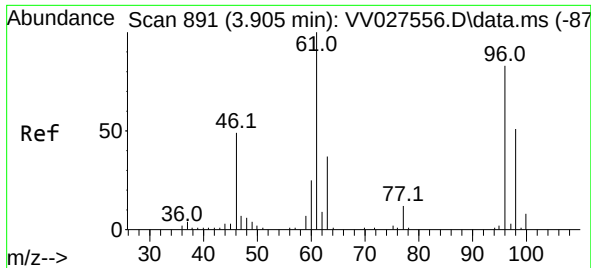
Tgt Ion: 43 Resp: 86264

Ion Ratio Lower Upper

43 100

72 25.1 12.0 36.1



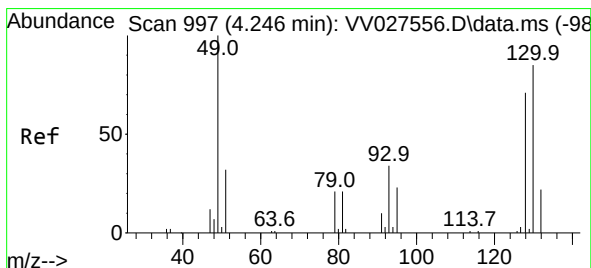
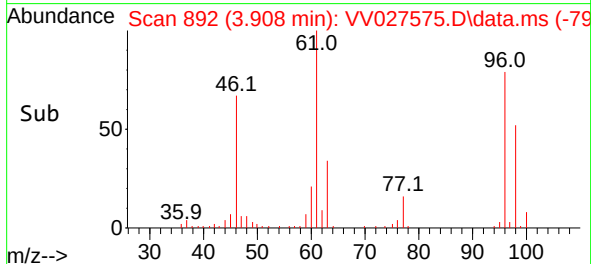
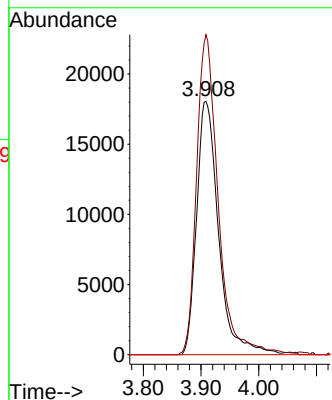
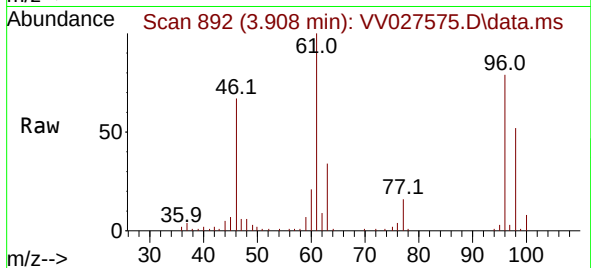


#22
 cis-1,2-Dichloroethene
 Concen: 4.059 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA8MSD

Tgt Ion: 96 Resp: 47739

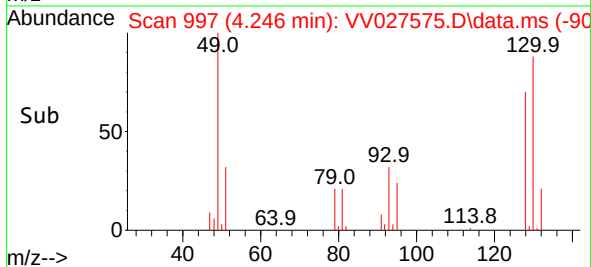
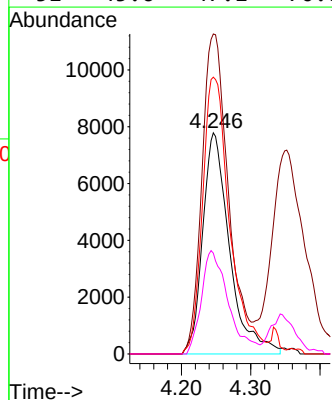
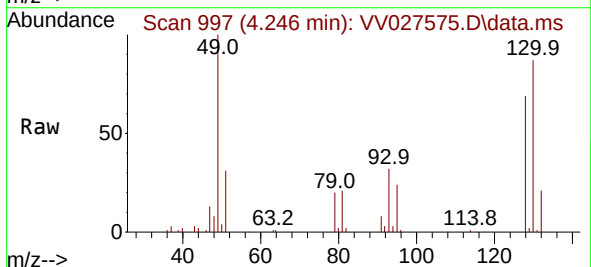
Ion	Ratio	Lower	Upper
96	100		
61	126.3	90.6	168.2
68	0.0	0.0	0.0

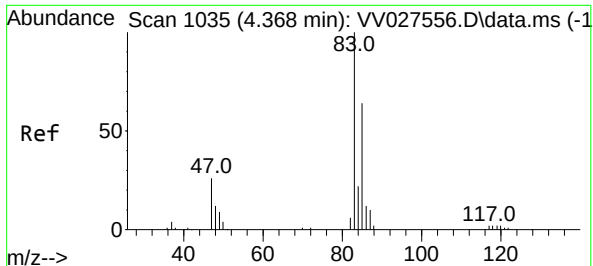


#23
 Bromochloromethane
 Concen: 4.026 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

Tgt Ion: 128 Resp: 20885

Ion	Ratio	Lower	Upper
128	100		
49	144.7	127.5	236.7
130	125.2	97.0	180.2
51	45.6	47.1	70.7

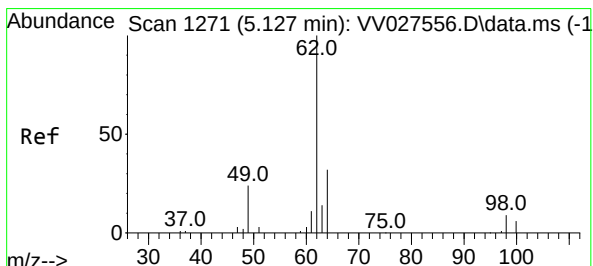
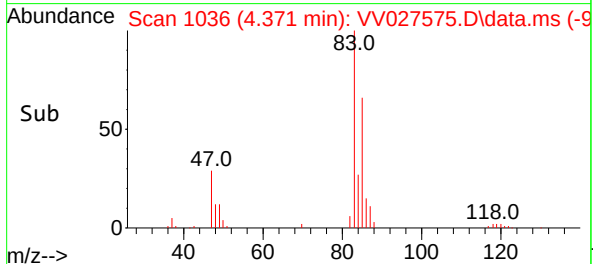
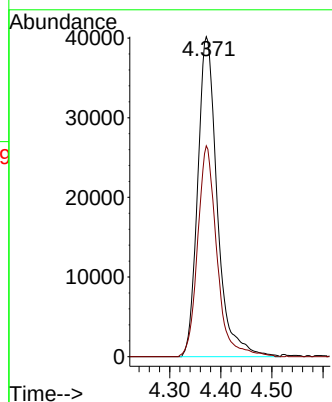
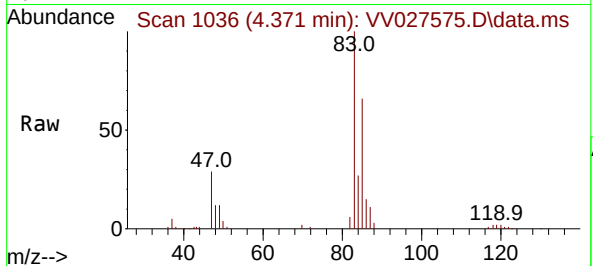




#25
Chloroform
Concen: 4.305 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

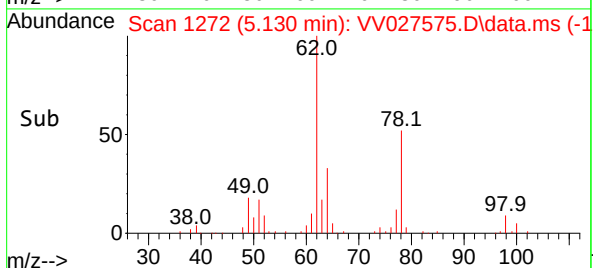
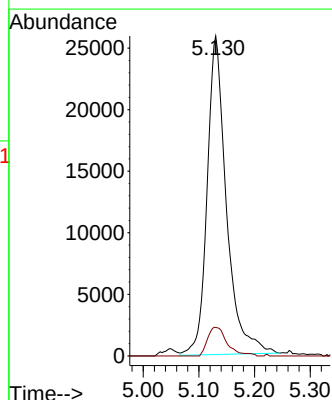
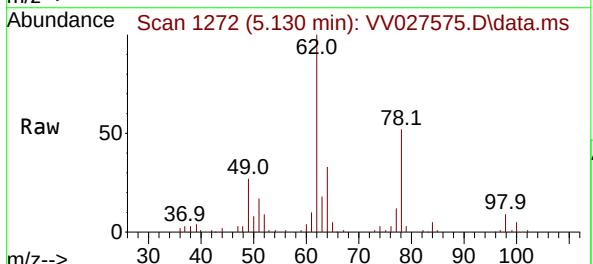
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MSD

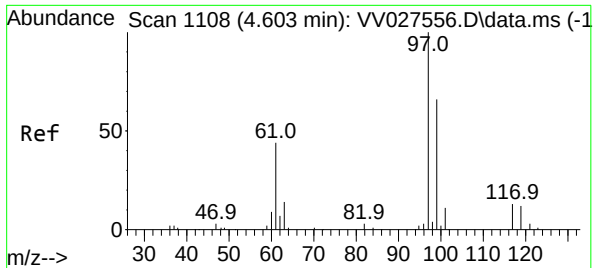
Tgt Ion: 83 Resp: 106957
Ion Ratio Lower Upper
83 100
85 65.9 43.3 80.5



#27
1,2-Dichloroethane
Concen: 4.936 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.006 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

Tgt Ion: 62 Resp: 62313
Ion Ratio Lower Upper
62 100
98 8.9 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.097 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

DBVA8MSD

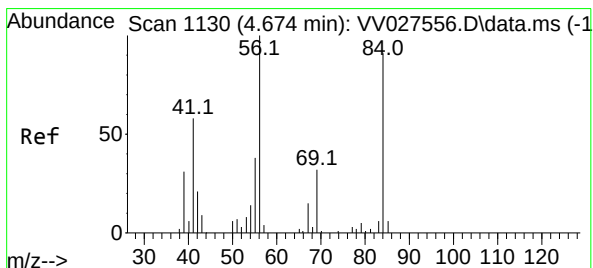
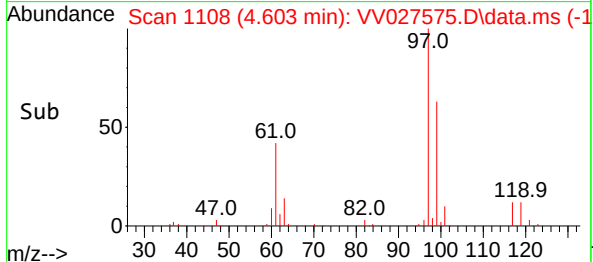
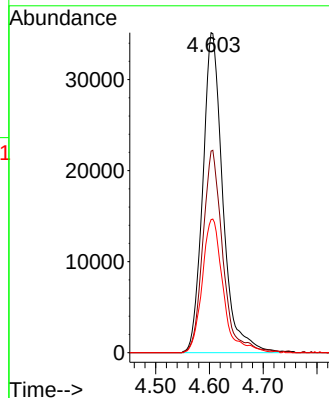
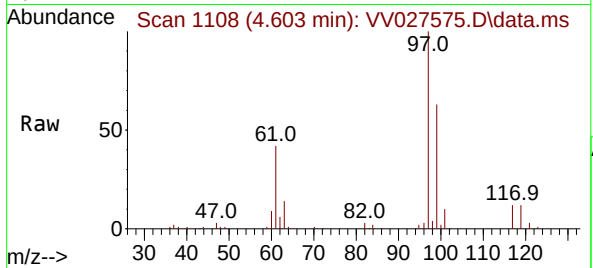
Tgt Ion: 97 Resp: 91178

Ion Ratio Lower Upper

97 100

99 63.0 51.1 76.7

61 43.6 35.9 53.9



#30

Cyclohexane

Concen: 3.991 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

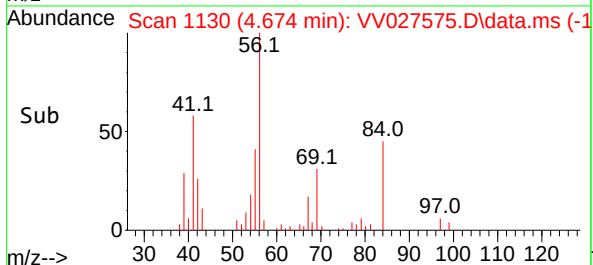
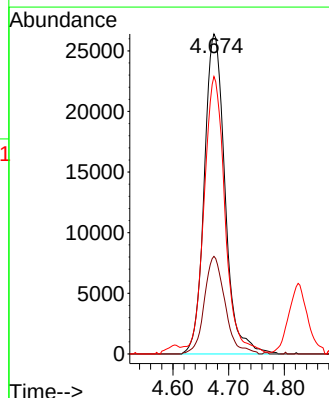
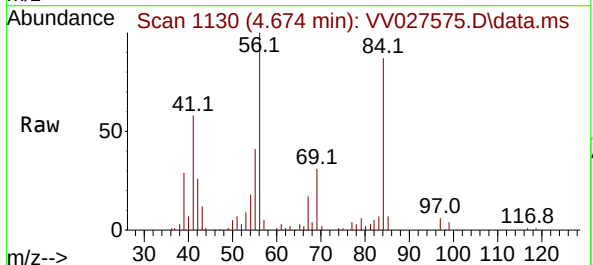
Tgt Ion: 56 Resp: 68184

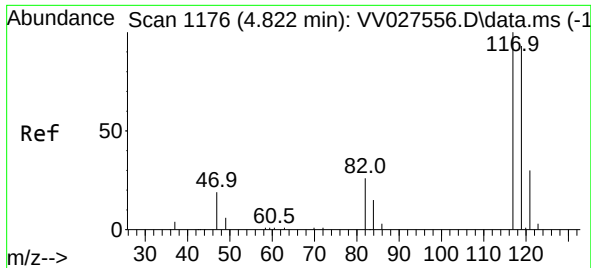
Ion Ratio Lower Upper

56 100

69 30.5 25.4 38.0

84 88.2 69.7 104.5

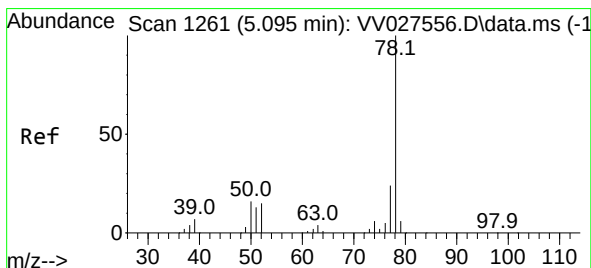
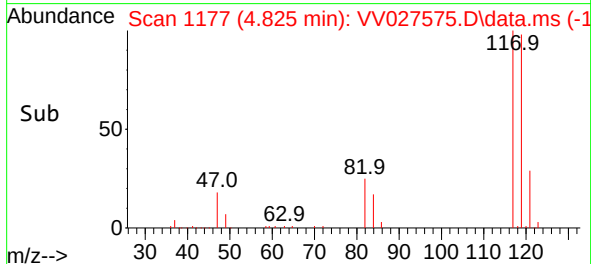
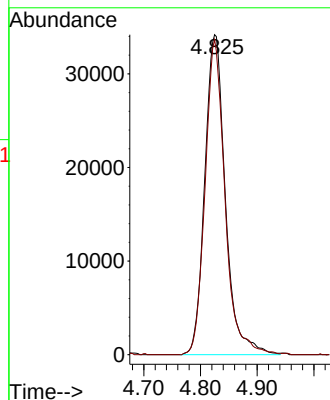
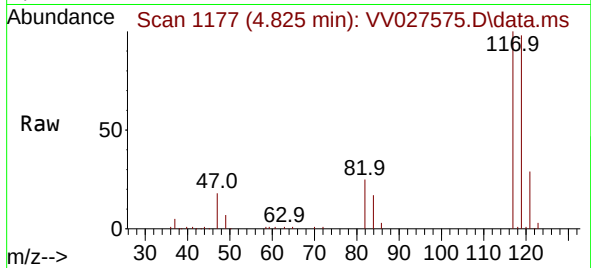




#31
Carbon tetrachloride
Concen: 4.467 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

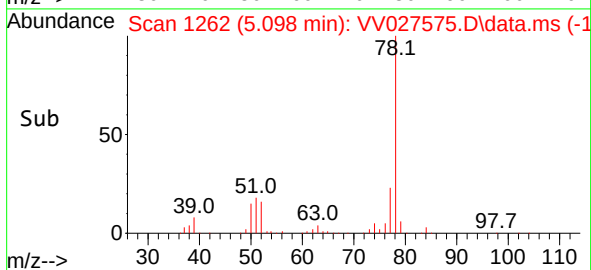
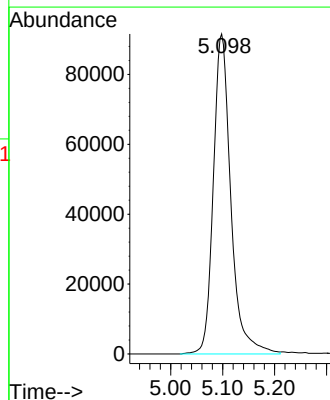
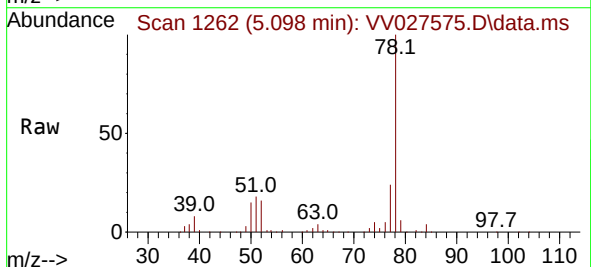
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MSD

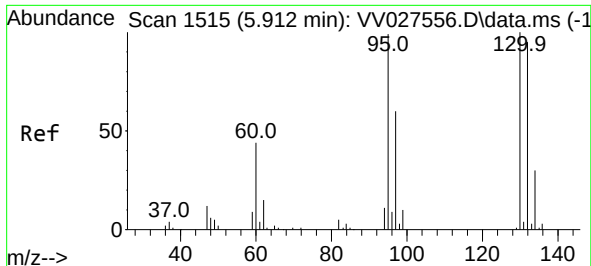
Tgt Ion:117 Resp: 86458
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1



#33
Benzene
Concen: 4.452 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

Tgt Ion: 78 Resp: 214597

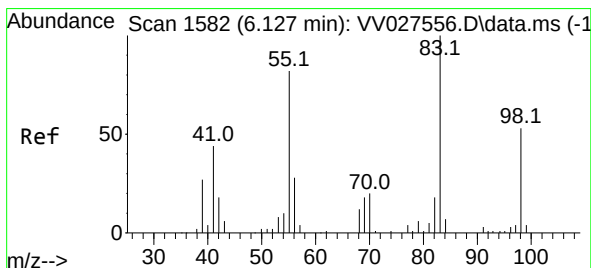
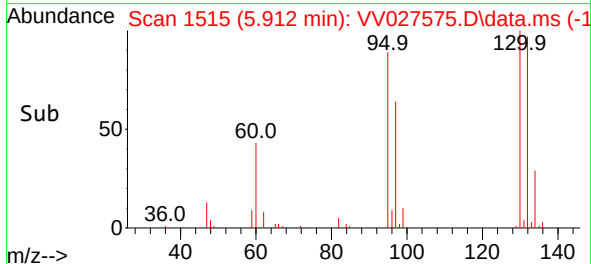
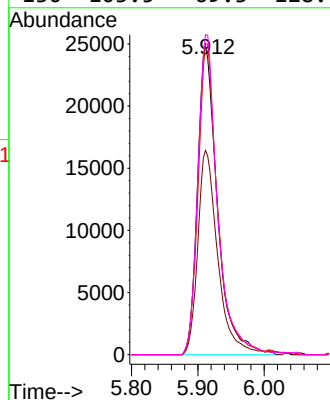
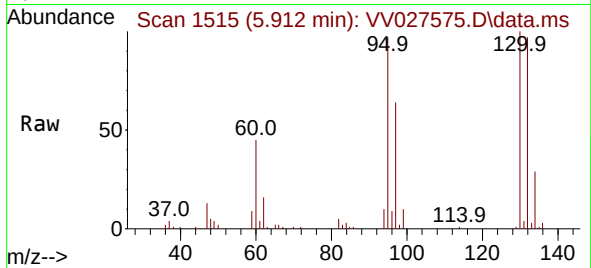




#34
Trichloroethene
Concen: 4.099 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

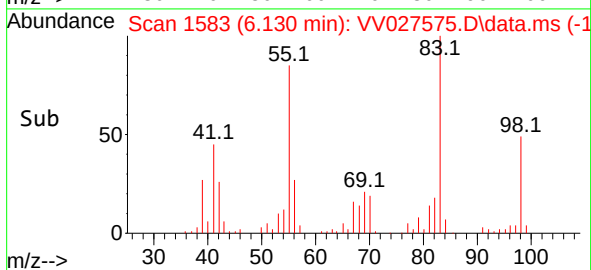
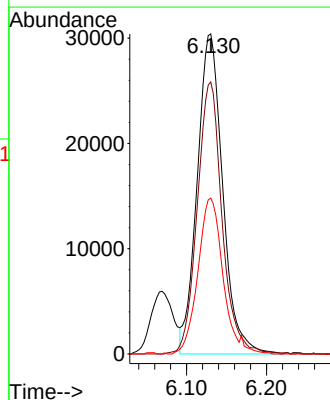
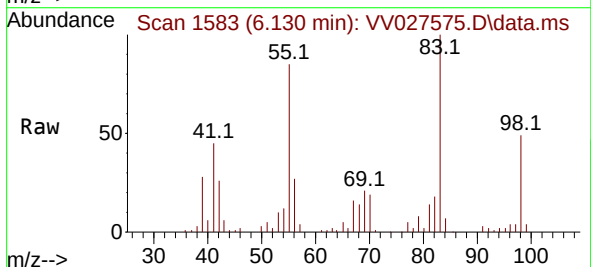
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MSD

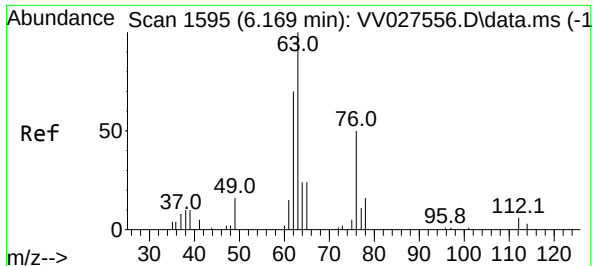
Tgt Ion: 95 Resp: 51996
Ion Ratio Lower Upper
95 100
97 66.1 45.0 83.6
132 100.7 65.7 121.9
130 103.5 69.3 128.7



#35
Methylcyclohexane
Concen: 3.781 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

Tgt Ion: 83 Resp: 67461
Ion Ratio Lower Upper
83 100
55 83.0 68.2 102.4
98 48.0 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.542 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

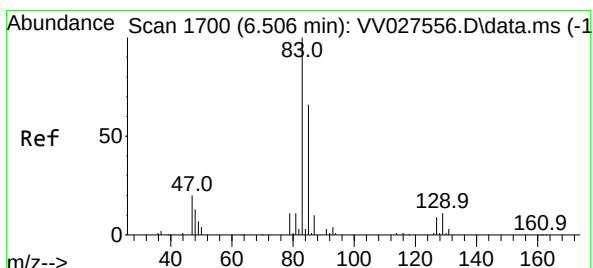
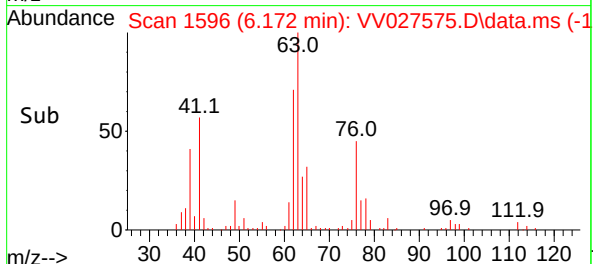
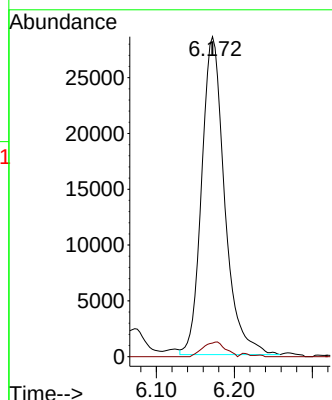
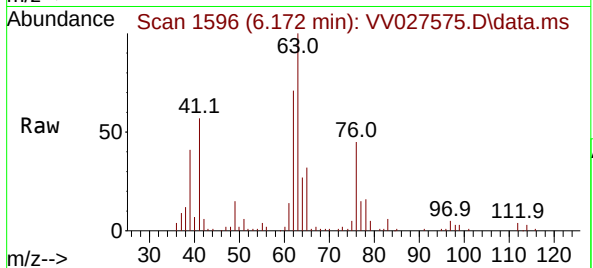
DBVA8MSD

Tgt Ion: 63 Resp: 58374

Ion Ratio Lower Upper

63 100

112 4.5 3.9 5.9



#38

Bromodichloromethane

Concen: 4.704 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

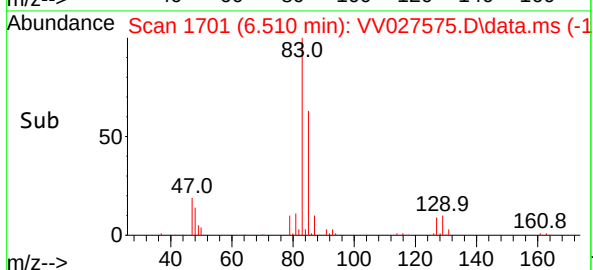
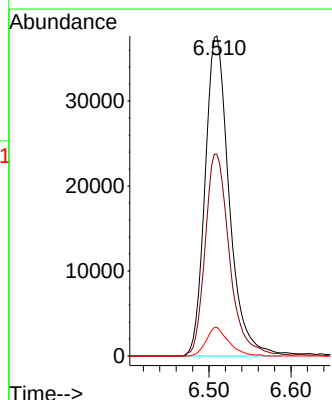
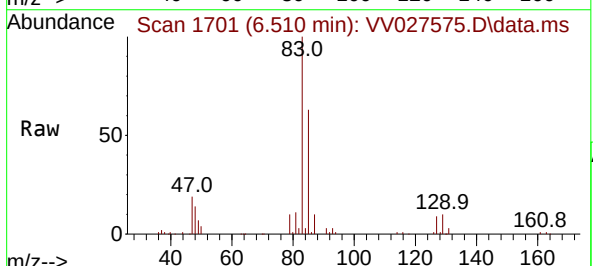
Tgt Ion: 83 Resp: 76645

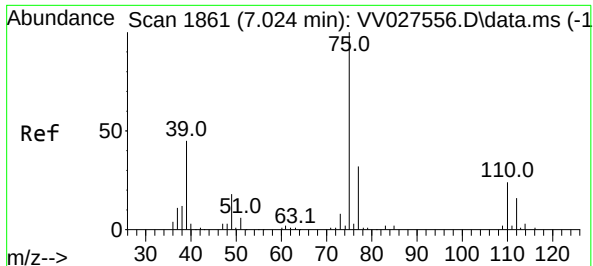
Ion Ratio Lower Upper

83 100

85 63.0 45.3 84.1

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 2.799 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

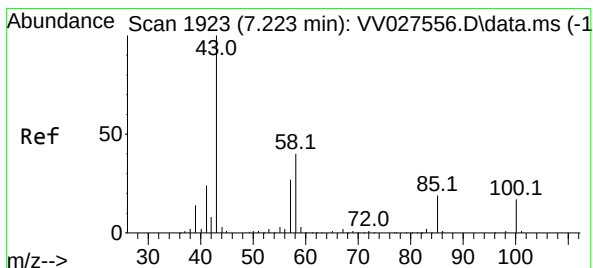
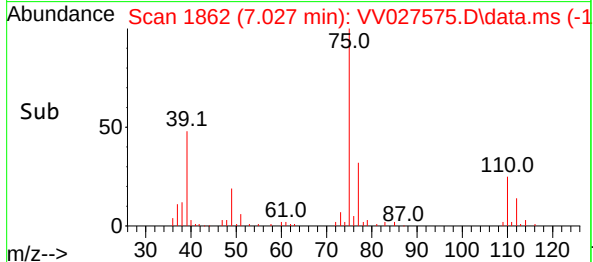
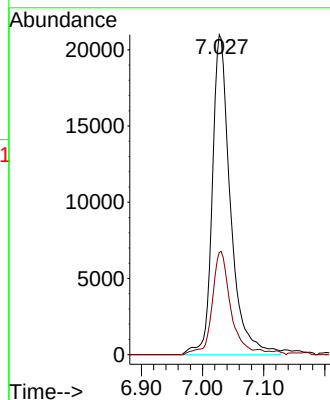
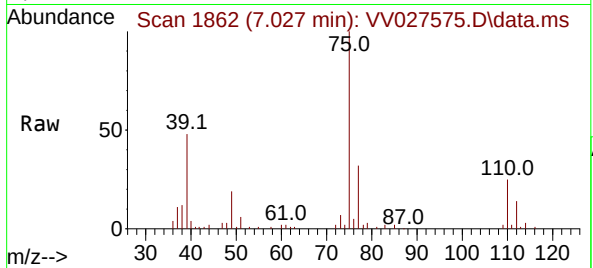
DBVA8MSD

Tgt Ion: 75 Resp: 43380

Ion Ratio Lower Upper

75 100

77 32.0 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 47.726 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

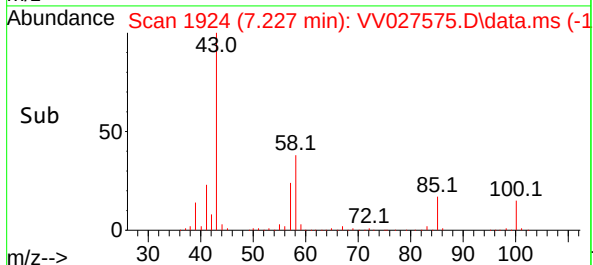
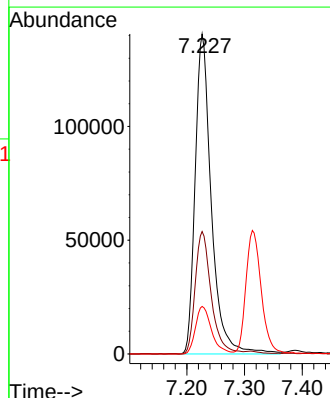
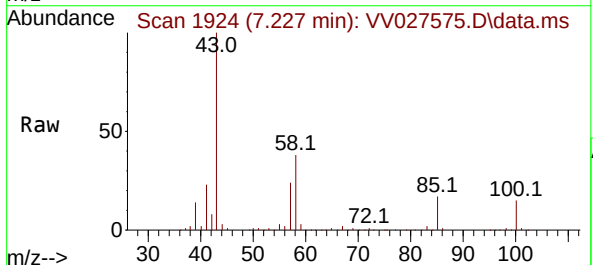
Tgt Ion: 43 Resp: 274049

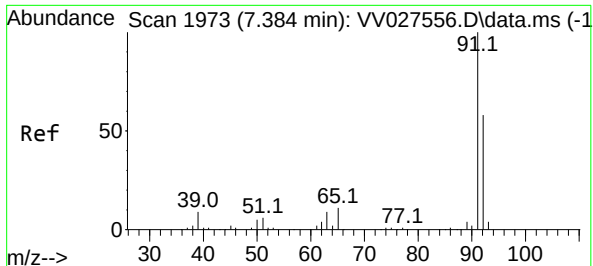
Ion Ratio Lower Upper

43 100

58 37.8 30.6 45.8

100 14.7 11.0 16.4





#42

Toluene

Concen: 4.741 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

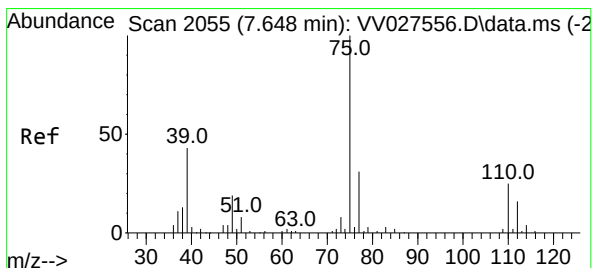
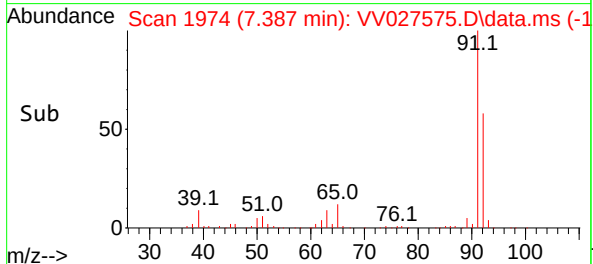
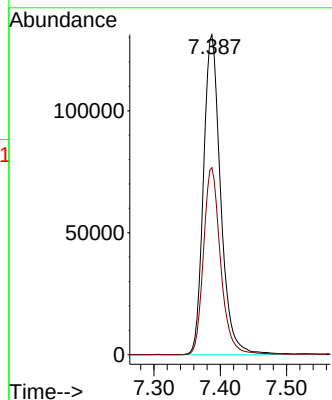
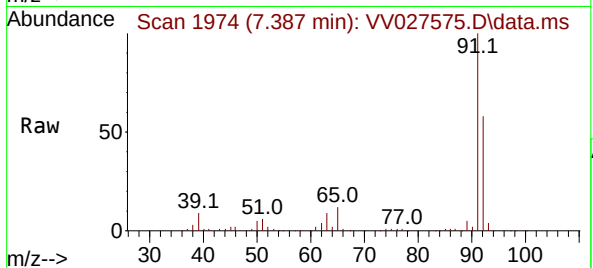
DBVA8MSD

Tgt Ion: 91 Resp: 235898

Ion Ratio Lower Upper

91 100

92 58.4 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 2.790 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV027575.D

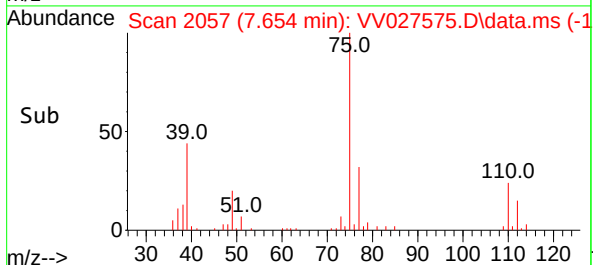
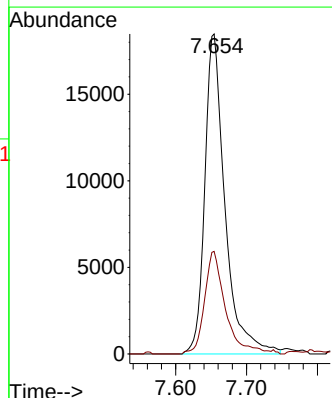
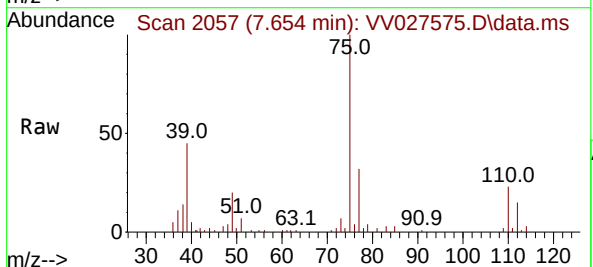
Acq: 29 Aug 2022 20:27

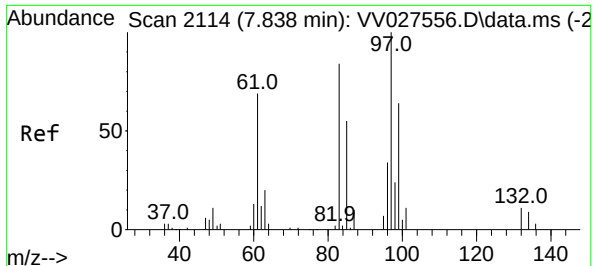
Tgt Ion: 75 Resp: 36554

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 4.651 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

DBVA8MSD

Tgt Ion: 97 Resp: 38214

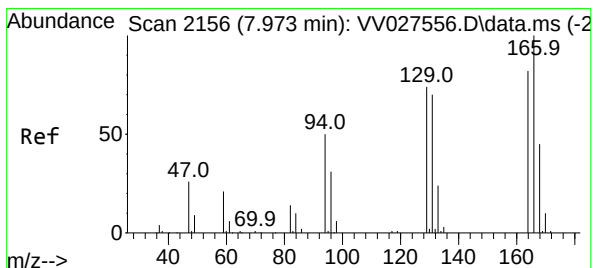
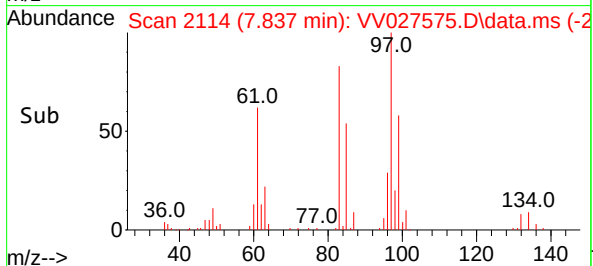
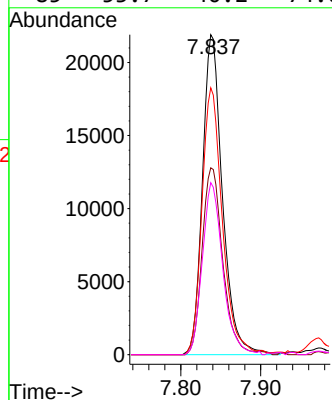
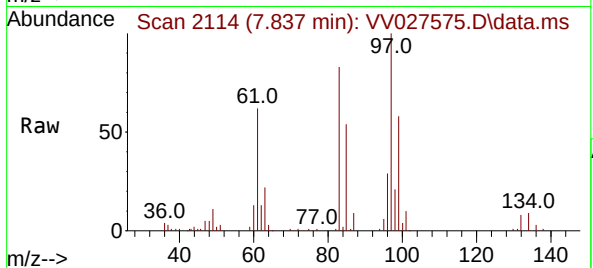
Ion Ratio Lower Upper

97 100

99 58.4 46.1 85.7

83 83.4 63.0 117.0

85 53.7 40.2 74.6



#47

Tetrachloroethene

Concen: 7.683 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

Tgt Ion: 164 Resp: 75929

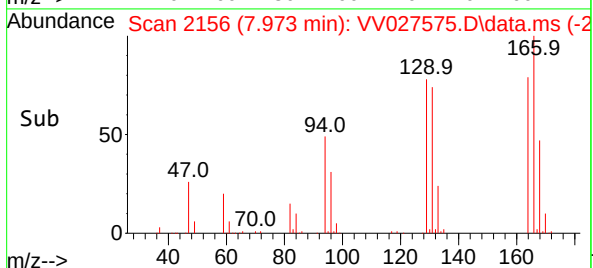
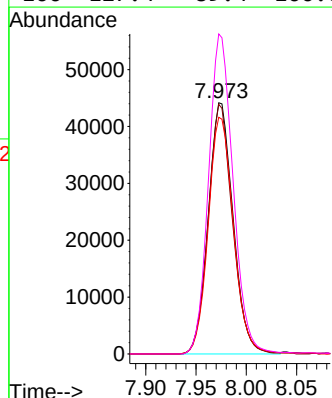
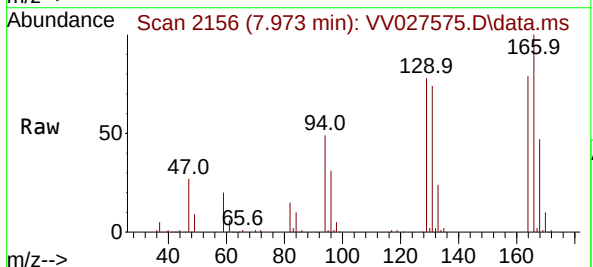
Ion Ratio Lower Upper

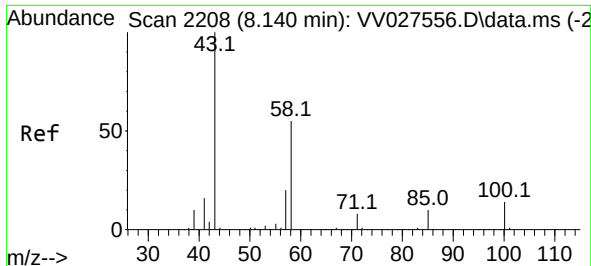
164 100

129 99.4 71.1 132.1

131 94.2 64.5 119.9

166 127.4 89.4 166.0

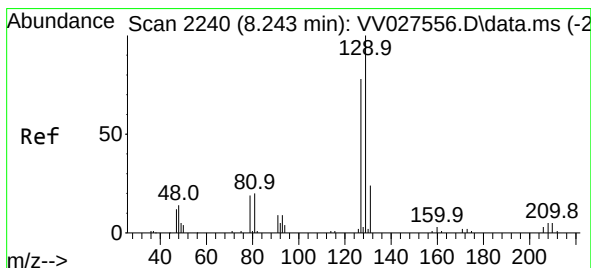
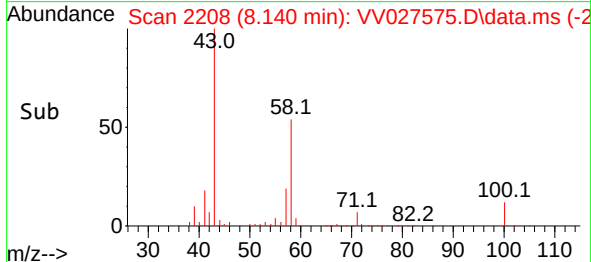
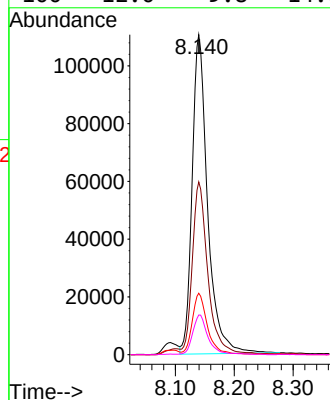
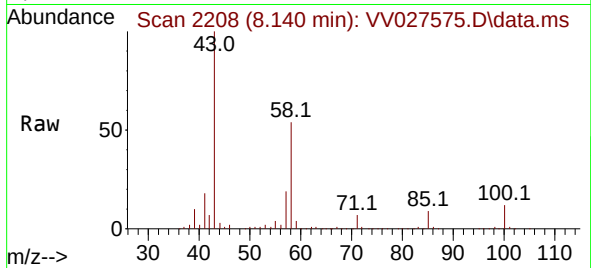




#48
2-Hexanone
Concen: 48.806 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

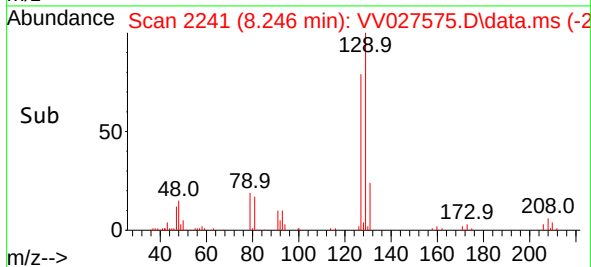
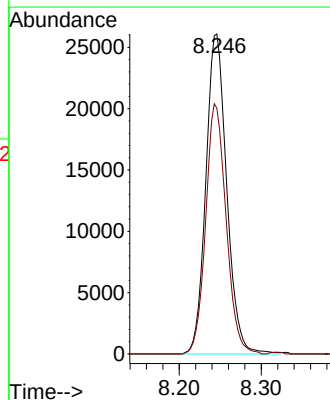
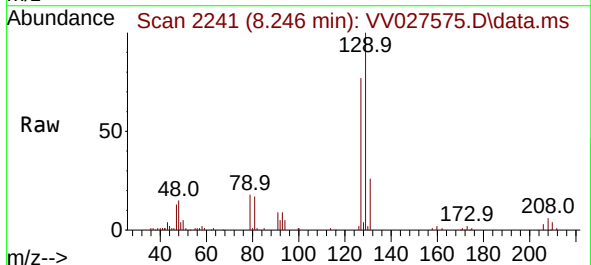
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MSD

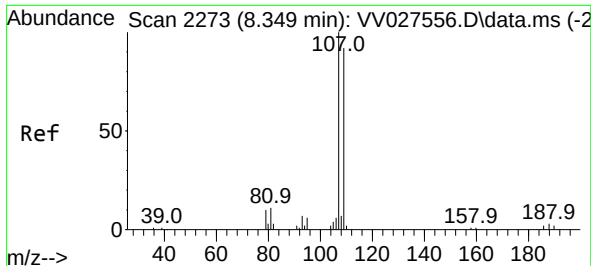
Tgt Ion: 43 Resp: 201940
Ion Ratio Lower Upper
43 100
58 54.3 41.3 61.9
57 17.9 14.9 22.3
100 12.0 9.8 14.6



#49
Dibromochloromethane
Concen: 4.560 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

Tgt Ion: 129 Resp: 46077
Ion Ratio Lower Upper
129 100
127 76.8 55.9 103.7





#50

1,2-Dibromoethane

Concen: 4.691 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

DBVA8MSD

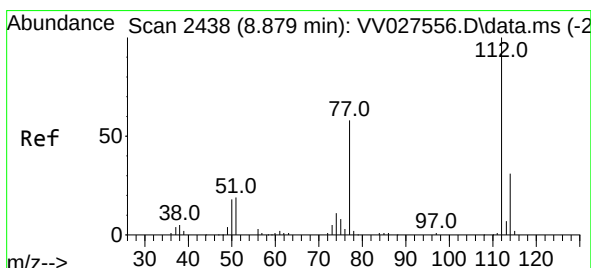
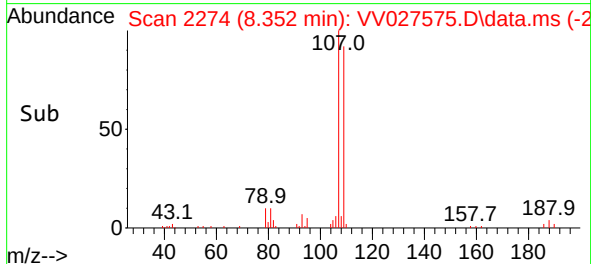
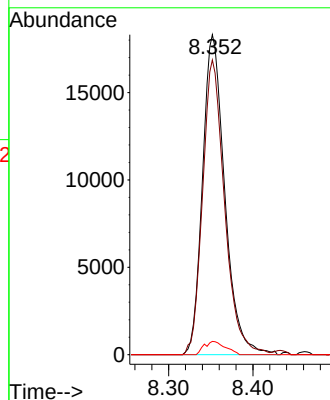
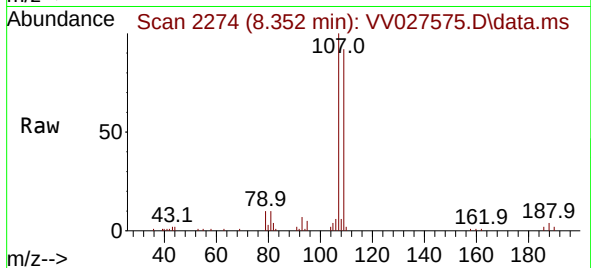
Tgt Ion:107 Resp: 33638

Ion Ratio Lower Upper

107 100

109 92.1 67.8 125.8

188 4.2 3.5 5.3



#51

Chlorobenzene

Concen: 4.359 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

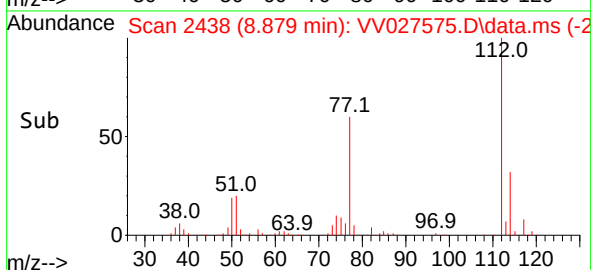
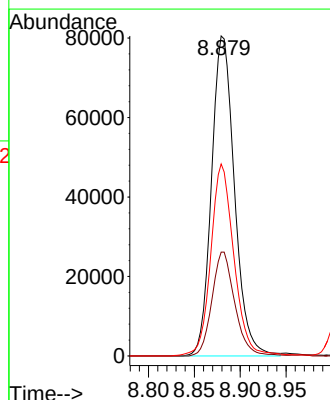
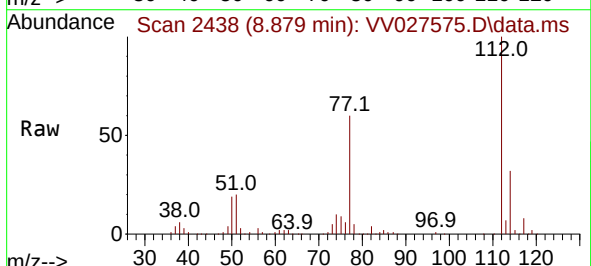
Tgt Ion:112 Resp: 140372

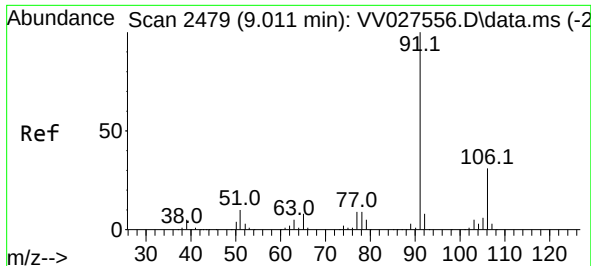
Ion Ratio Lower Upper

112 100

114 32.5 22.7 42.1

77 60.0 46.2 69.4





#52

Ethylbenzene

Concen: 4.374 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

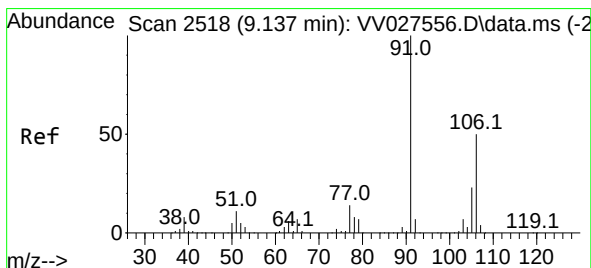
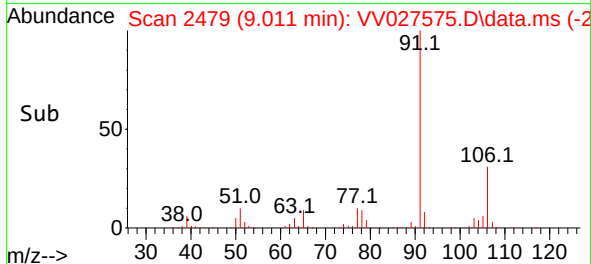
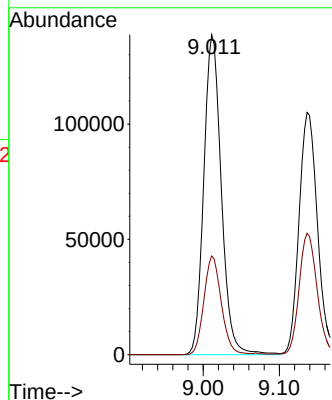
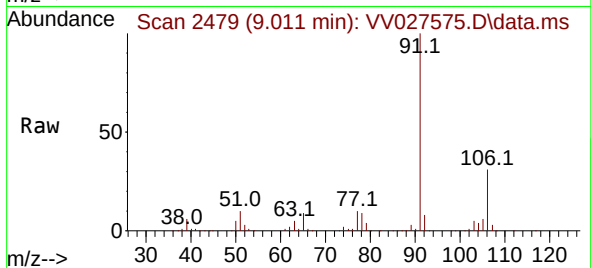
DBVA8MSD

Tgt Ion: 91 Resp: 222148

Ion Ratio Lower Upper

91 100

106 30.9 21.4 39.8



#53

m,p-Xylene

Concen: 4.432 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027575.D

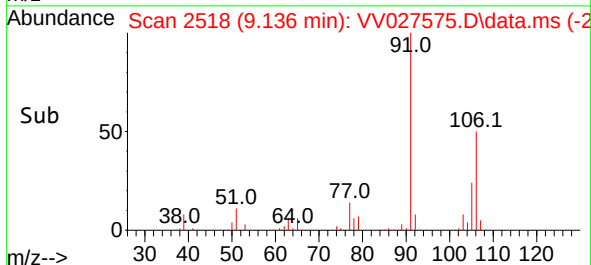
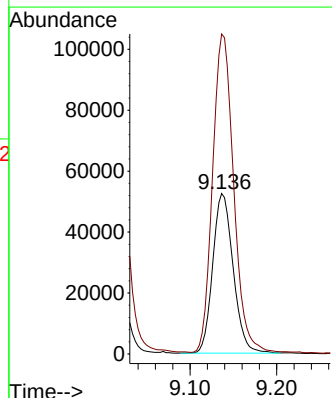
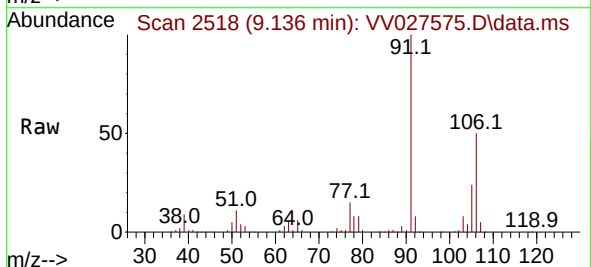
Acq: 29 Aug 2022 20:27

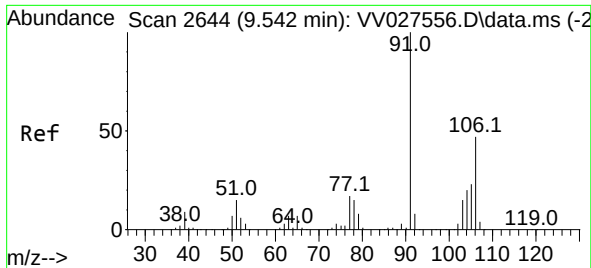
Tgt Ion: 106 Resp: 86137

Ion Ratio Lower Upper

106 100

91 199.4 143.8 267.0

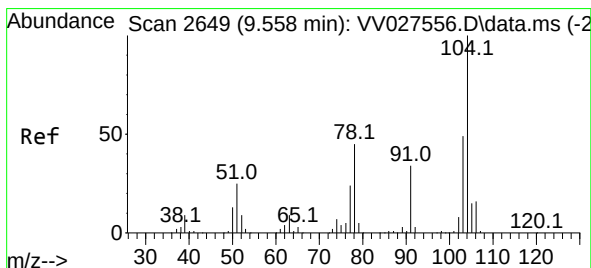
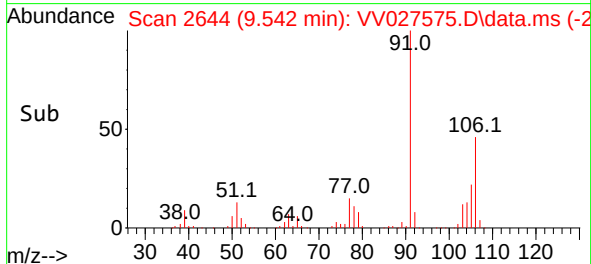
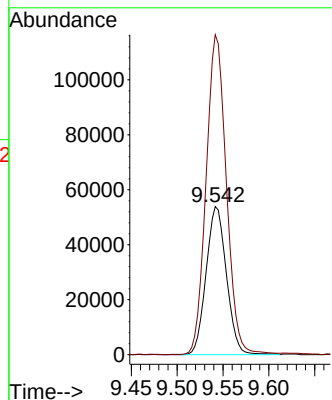
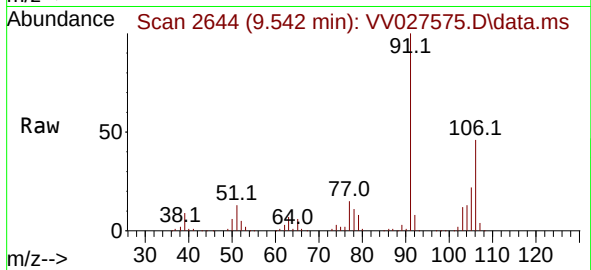




#54
o-Xylene
Concen: 4.411 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

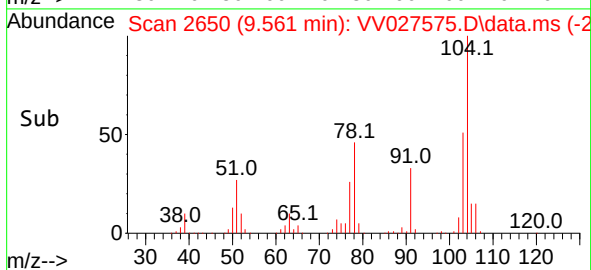
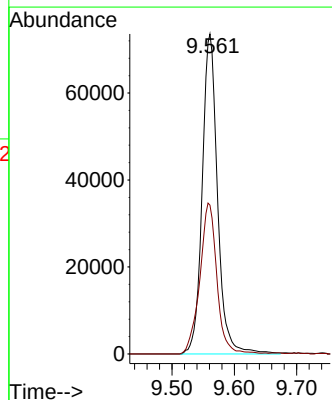
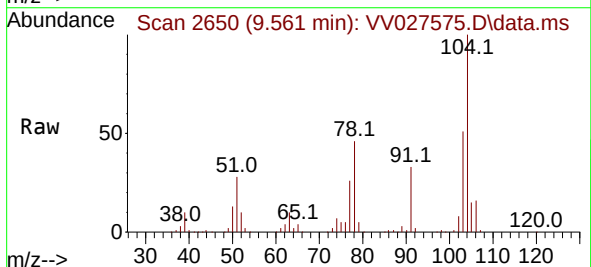
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MSD

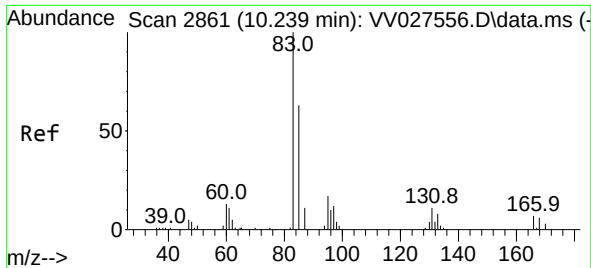
Tgt Ion:106 Resp: 83151
Ion Ratio Lower Upper
106 100
91 216.1 151.6 281.6



#55
Styrene
Concen: 3.930 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

Tgt Ion:104 Resp: 126050
Ion Ratio Lower Upper
104 100
78 46.5 32.0 59.4

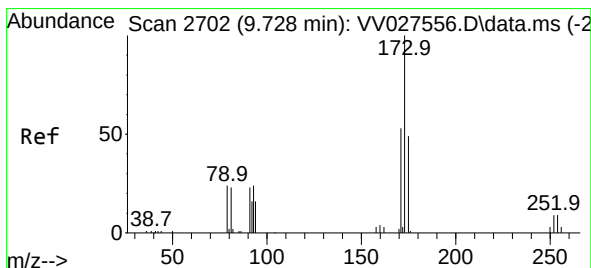
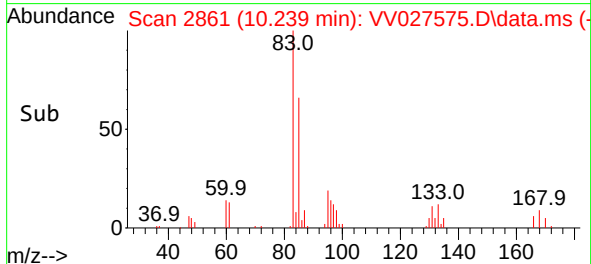
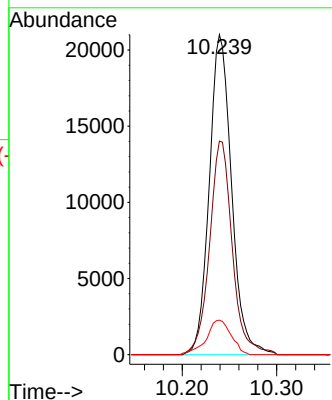
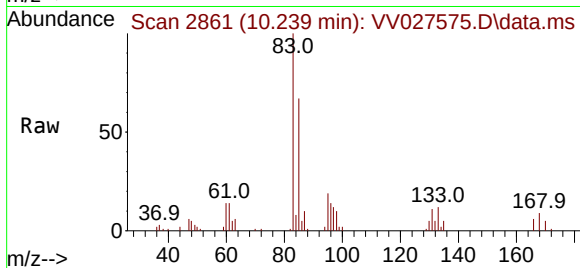




#57
 1,1,2,2-Tetrachloroethane
 Concen: 3.723 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

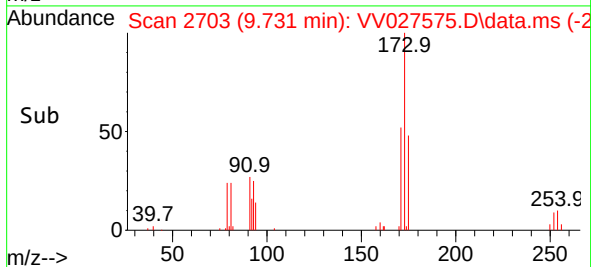
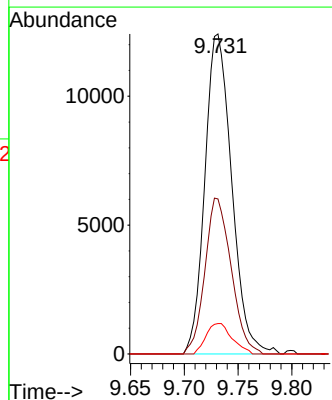
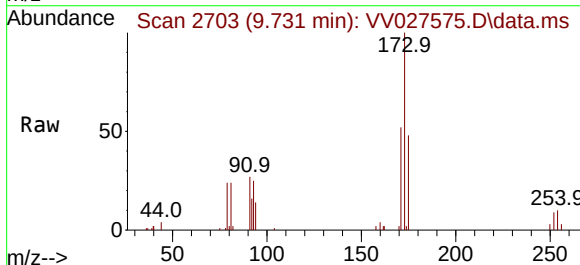
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA8MSD

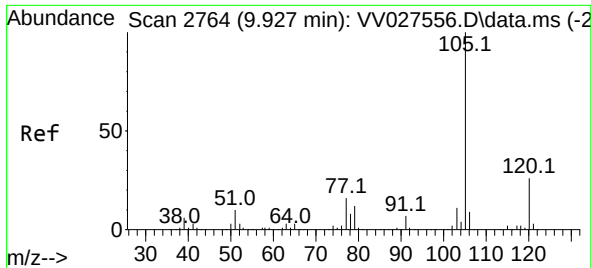
Tgt Ion:	83	Resp:	34455
Ion	Ratio	Lower	Upper
83	100		
85	66.7	44.1	81.9
131	10.8	7.3	10.9



#59
 Bromoform
 Concen: 5.005 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

Tgt Ion:	173	Resp:	21591
Ion	Ratio	Lower	Upper
173	100		
175	47.6	39.0	58.6
254	9.2	7.1	10.7

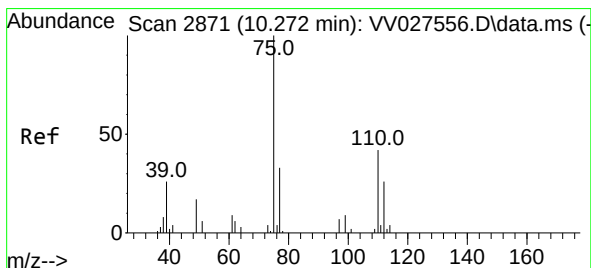
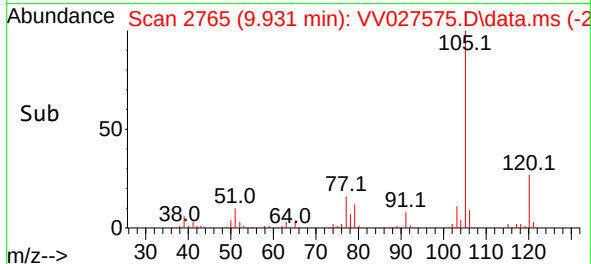
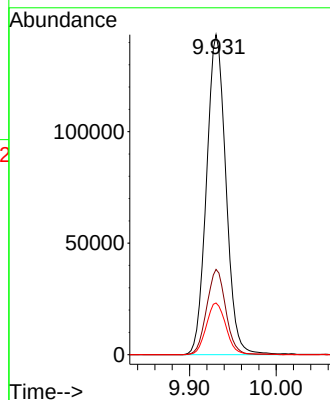
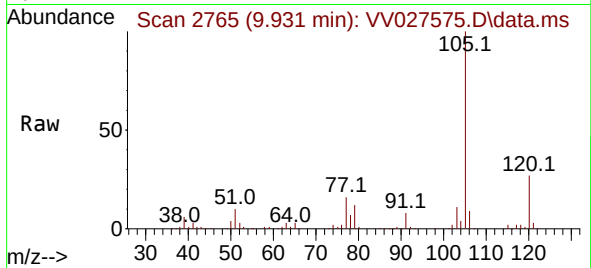




#60
Isopropylbenzene
Concen: 5.276 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

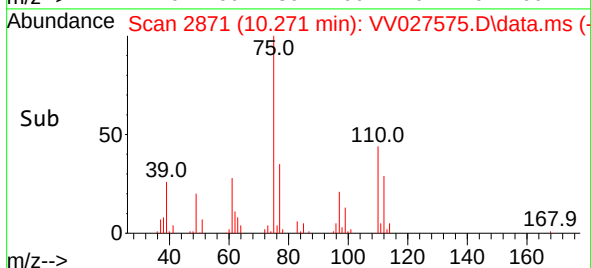
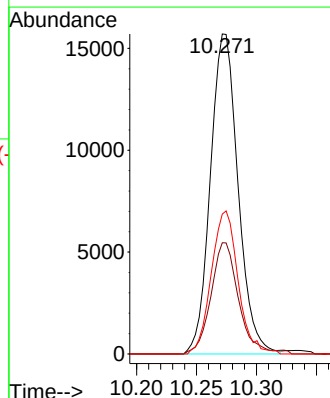
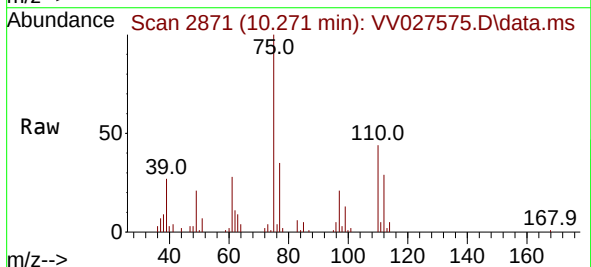
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MSD

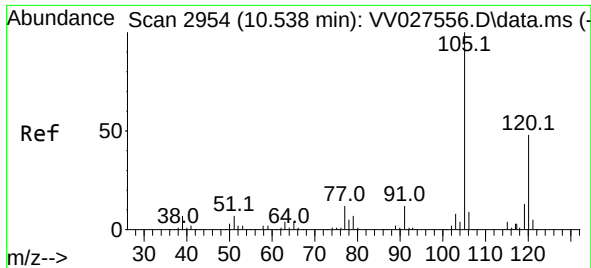
Tgt Ion:105 Resp: 223418
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 16.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.462 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

Tgt Ion: 75 Resp: 25195
Ion Ratio Lower Upper
75 100
77 34.3 26.2 39.2
110 43.3 29.9 44.9

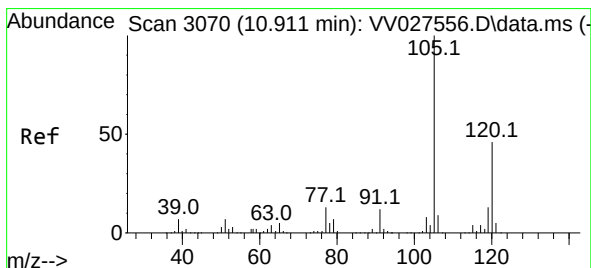
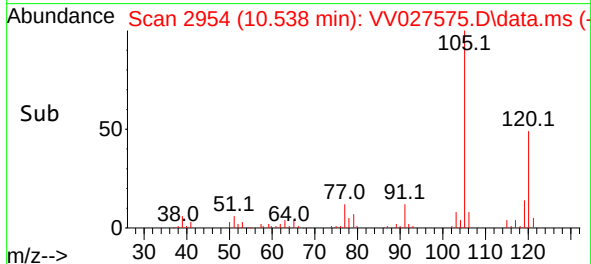
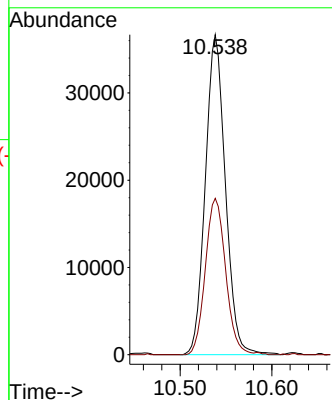
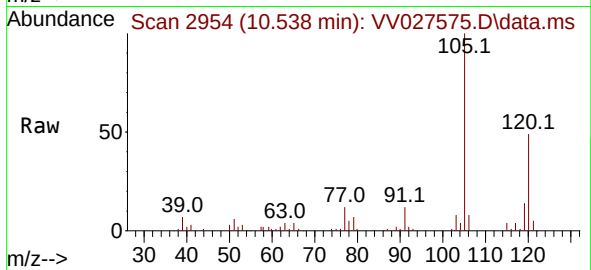




#62
 1,3,5-Trimethylbenzene
 Concen: 4.738 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.003 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

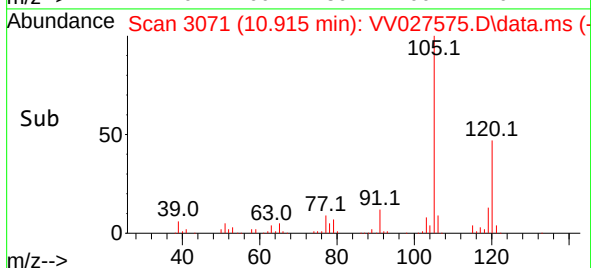
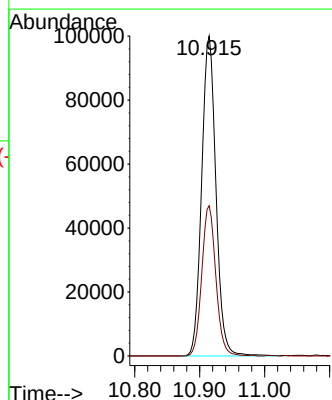
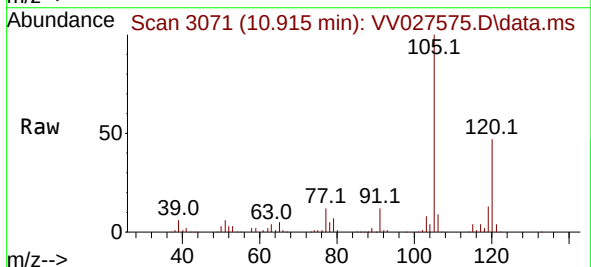
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA8MSD

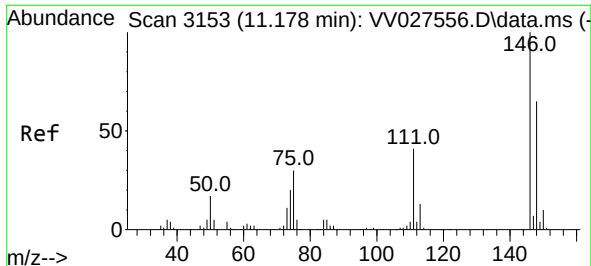
Tgt Ion:105 Resp: 55644
 Ion Ratio Lower Upper
 105 100
 120 49.4 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.636 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

Tgt Ion:105 Resp: 153392
 Ion Ratio Lower Upper
 105 100
 120 46.2 35.8 53.6

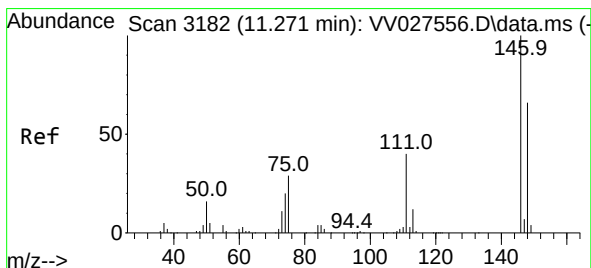
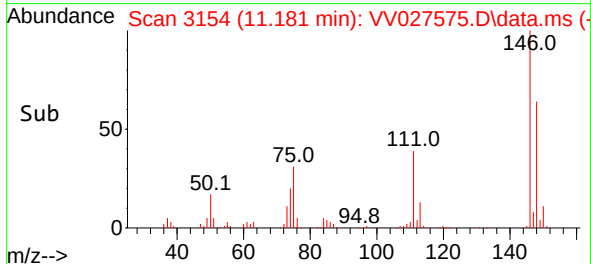
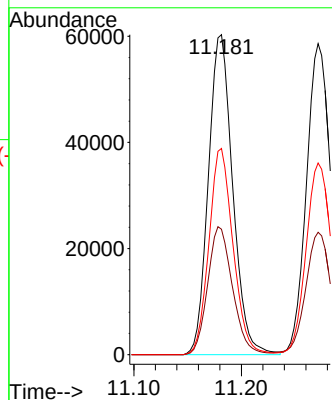
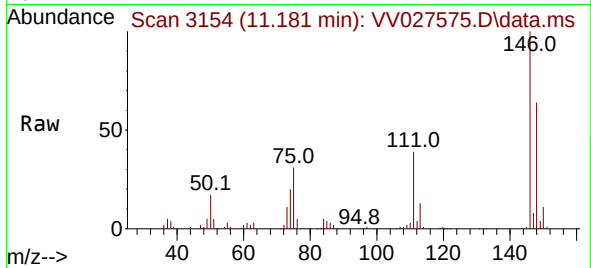




#64
1,3-Dichlorobenzene
Concen: 4.548 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

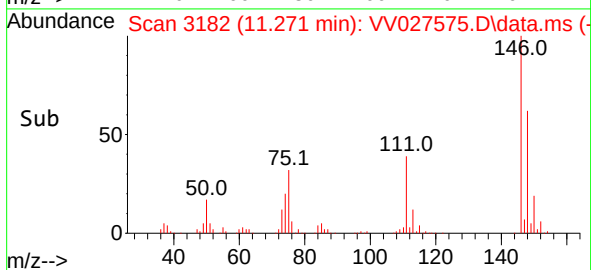
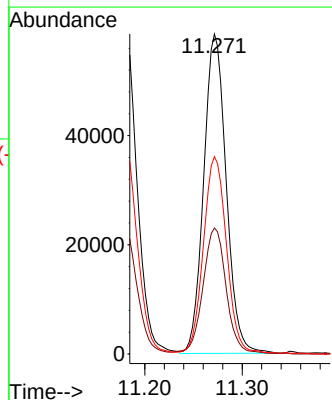
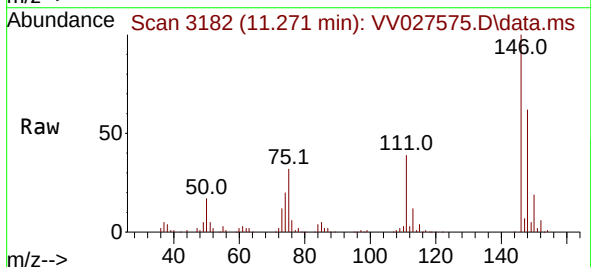
Instrument :
MSVOA_V
ClientSampleId :
DBVA8MSD

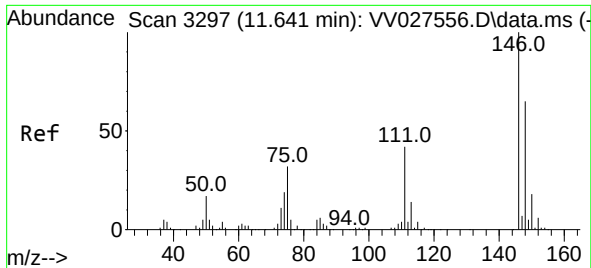
Tgt Ion:146 Resp: 94890
Ion Ratio Lower Upper
146 100
111 39.2 28.8 53.4
148 64.5 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 4.517 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027575.D
Acq: 29 Aug 2022 20:27

Tgt Ion:146 Resp: 93950
Ion Ratio Lower Upper
146 100
111 39.3 26.6 49.4
148 61.6 42.6 79.0

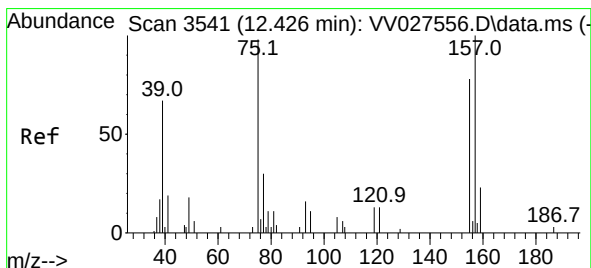
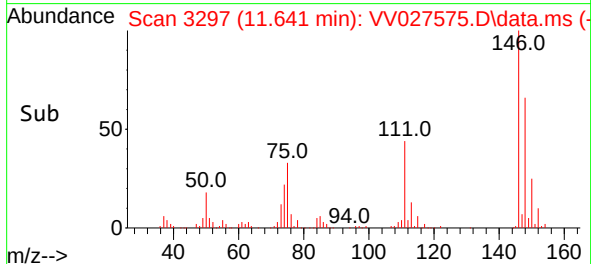
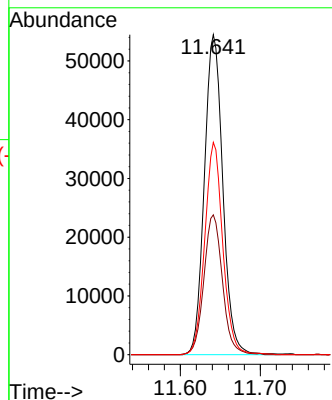
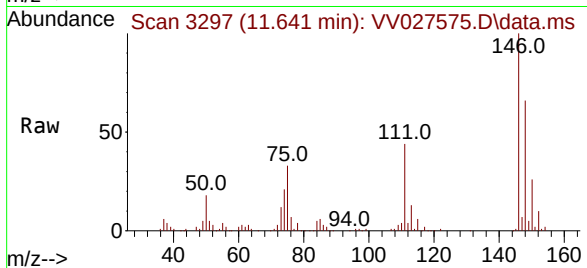




#67
 1,2-Dichlorobenzene
 Concen: 4.627 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

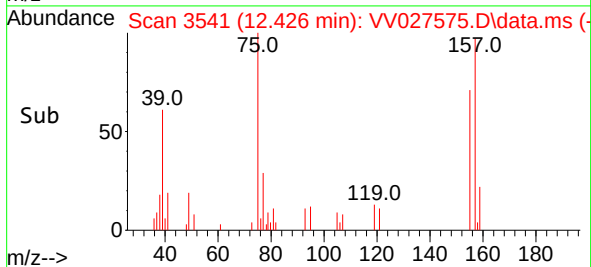
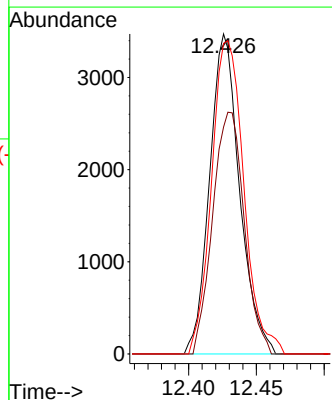
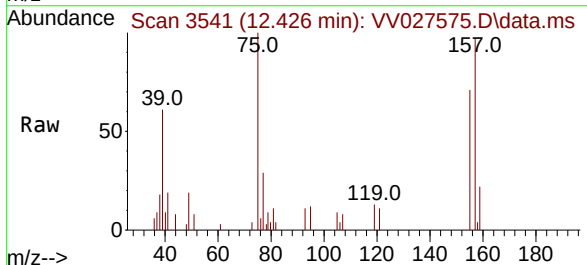
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA8MSD

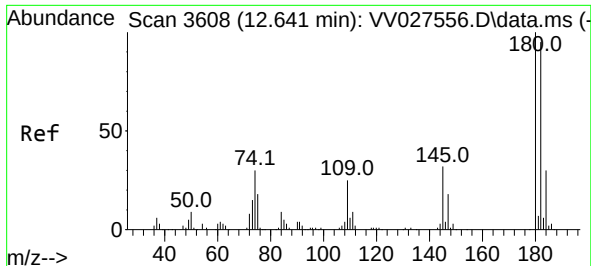
Tgt Ion:146 Resp: 87522
 Ion Ratio Lower Upper
 146 100
 111 43.7 34.5 51.7
 148 66.4 50.6 76.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.263 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

Tgt Ion: 75 Resp: 5348
 Ion Ratio Lower Upper
 75 100
 155 70.9 63.1 94.7
 157 97.0 81.8 122.8

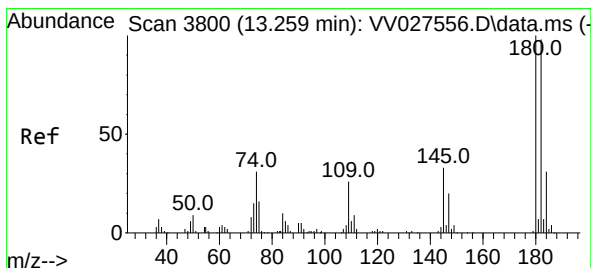
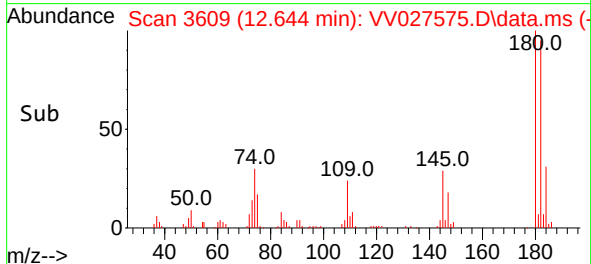
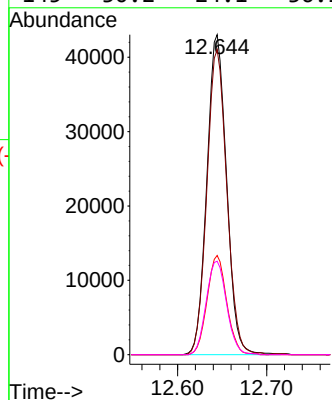
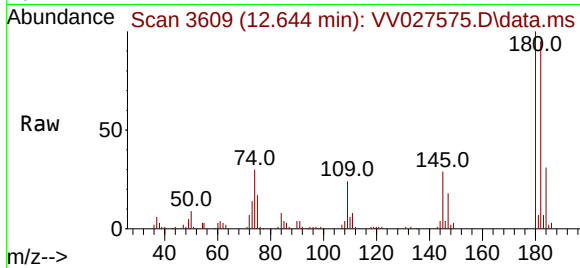




#69
 1,3,5-Trichlorobenzene
 Concen: 4.246 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

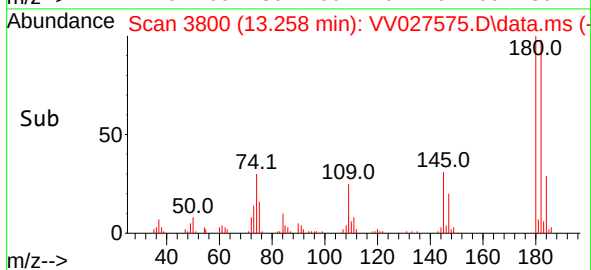
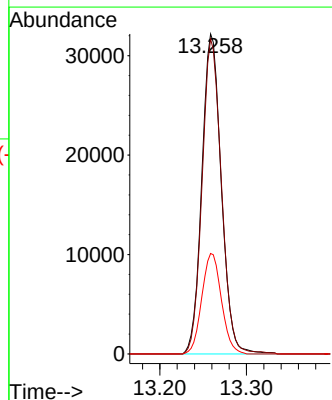
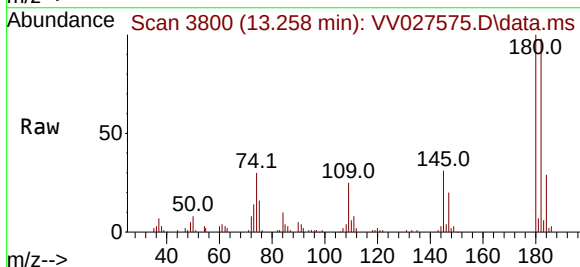
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA8MSD

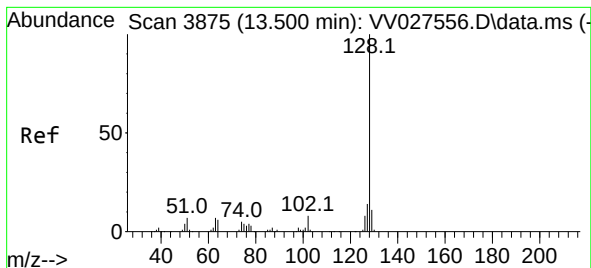
Tgt Ion:180	Resp:	66139
Ion Ratio	Lower	Upper
180	100	
182	96.3	74.1 111.1
184	30.8	23.2 34.8
145	30.2	24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 4.430 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027575.D
 Acq: 29 Aug 2022 20:27

Tgt Ion:180	Resp:	50142
Ion Ratio	Lower	Upper
180	100	
182	97.7	76.0 114.0
145	31.6	24.9 37.3





#71

Naphthalene

Concen: 4.853 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

DBVA8MSD

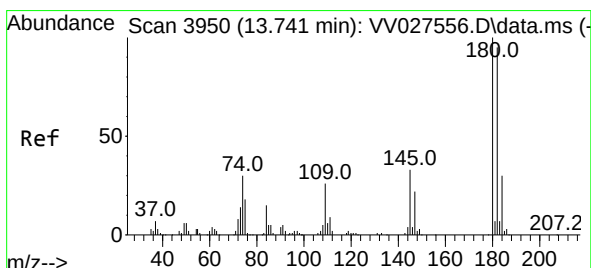
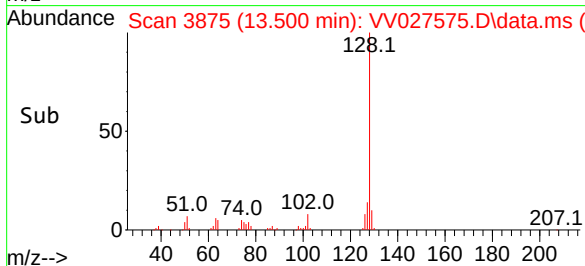
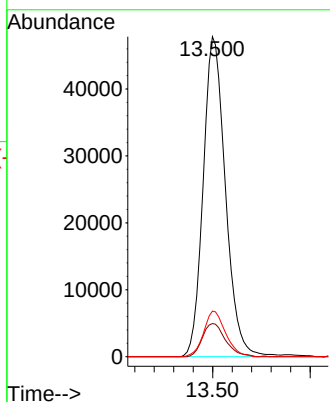
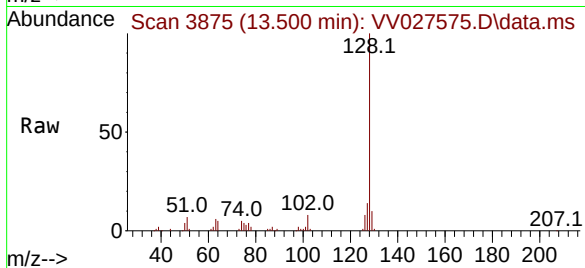
Tgt Ion:128 Resp: 75827

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 14.0 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.632 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027575.D

Acq: 29 Aug 2022 20:27

Tgt Ion:180 Resp: 46564

Ion Ratio Lower Upper

180 100

182 96.8 75.3 112.9

145 32.8 26.6 39.8

