

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
 Data File : VV027145.D
 Acq On : 01 Aug 2022 23:20
 Operator : SY/MD
 Sample : N3956-02DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF01DL

Quant Time: Aug 02 00:38:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:27:15 2022
 Response via : Initial Calibration

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

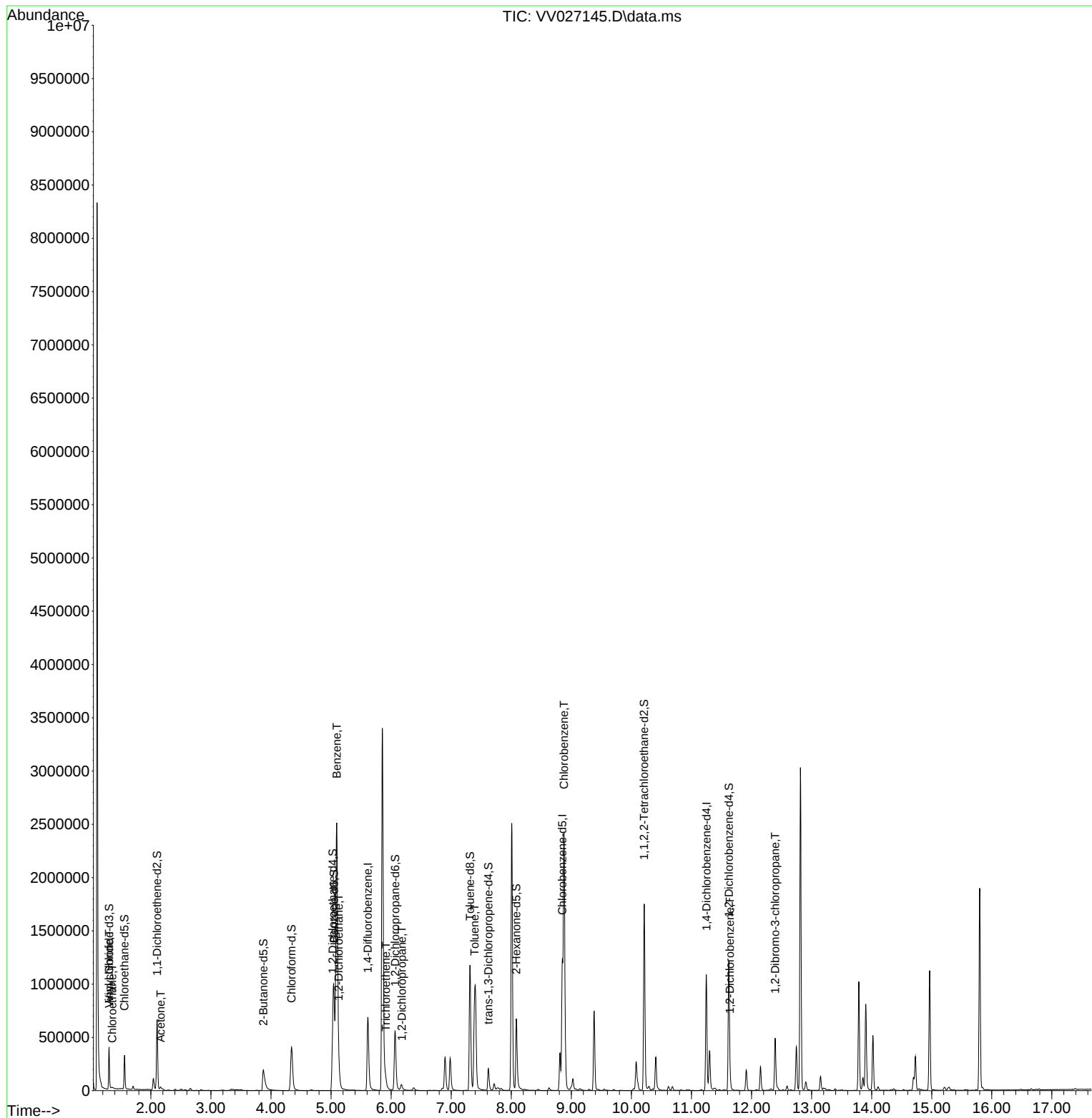
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	636232	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	651347	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	289962	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	268555	65.131	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 130.260%		
7) Chloroethane-d5	1.561	69	213299	69.128	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 138.260%#		
11) 1,1-Dichloroethene-d2	2.102	63	340759	43.399	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 86.800%		
21) 2-Butanone-d5	3.873	46	281038	103.524	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 103.520%		
24) Chloroform-d	4.343	84	445181	53.413	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 106.820%		
26) 1,2-Dichloroethane-d4	5.027	65	262190	55.445	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 110.900%		
32) Benzene-d6	5.047	84	941880	54.648	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 109.300%		
36) 1,2-Dichloropropane-d6	6.066	67	296833	55.673	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 111.340%		
41) Toluene-d8	7.314	98	826506	53.192	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 106.380%		
43) trans-1,3-Dichloroprop...	7.619	79	123568	52.806	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 105.620%		
47) 2-Hexanone-d5	8.085	63	252626	122.729	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 122.730%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	411686	51.655	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 103.300%		
66) 1,2-Dichlorobenzene-d4	11.622	152	312490	61.321	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 122.640%#		
Target Compounds						
5) Vinyl chloride	1.307	62	6337	1.055	ug/L #	1
8) Chloroethane	1.359	64	28154	8.745	ug/L #	53
13) Acetone	2.163	43	21675	9.455	ug/L	97
27) 1,2-Dichloroethane	5.127	62	174809	27.886	ug/L	99
33) Benzene	5.095	78	2688666	134.587	ug/L	100
34) Trichloroethene	5.912	95	18832	3.666	ug/L	96
37) 1,2-Dichloropropane	6.178	63	5513	1.051	ug/L #	90
42) Toluene	7.387	91	517146	25.093	ug/L	98
51) Chlorobenzene	8.879	112	1326252	92.993	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	12076	1.311	ug/L #	83
68) 1,2-Dibromo-3-chloropr...	12.394	75	83114	51.604	ug/L #	3

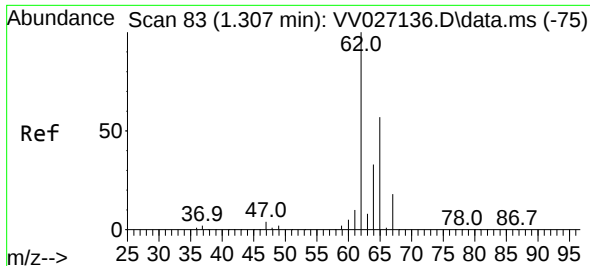
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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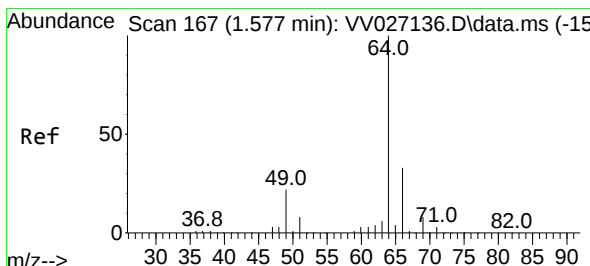
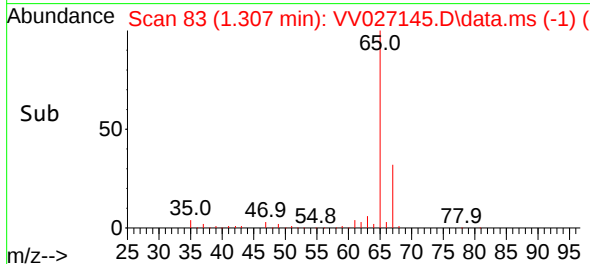
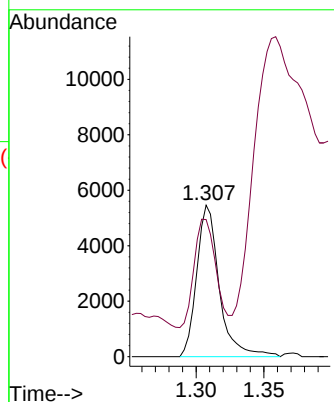
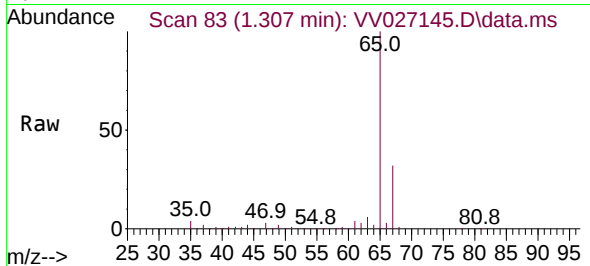




#5
 Vinyl chloride
 Concen: 1.055 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027145.D
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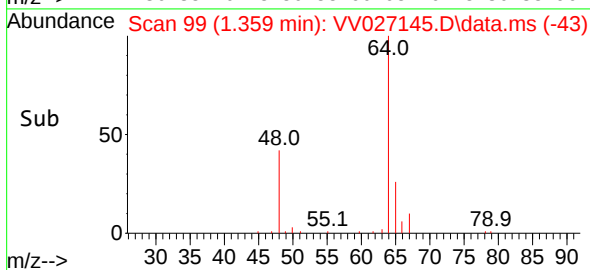
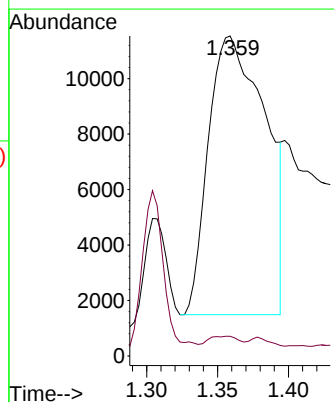
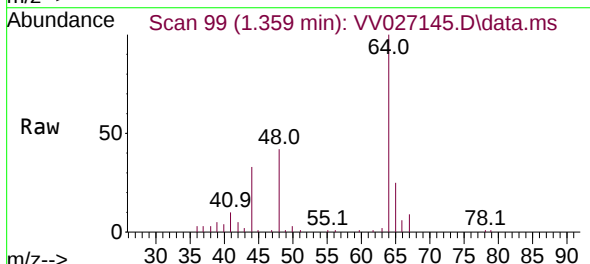
Instrument :
 MSVOA_V
 ClientSampleId :
 EXF01DL

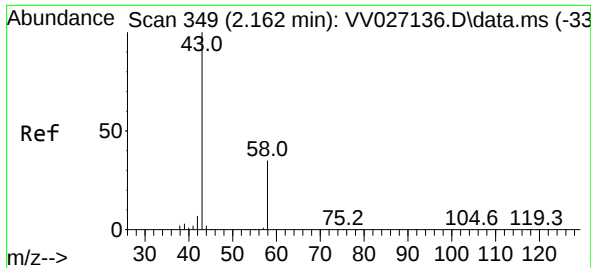
Tgt Ion: 62 Resp: 6337
 Ion Ratio Lower Upper
 62 100
 64 90.5 23.1 42.9#



#8
 Chloroethane
 Concen: 8.745 ug/L
 RT: 1.359 min Scan# 99
 Delta R.T. -0.218 min
 Lab File: VV027145.D
 Acq: 01 Aug 2022 23:20

Tgt Ion: 64 Resp: 28154
 Ion Ratio Lower Upper
 64 100
 66 6.2 22.6 42.0#





#13

Acetone

Concen: 9.455 ug/L

RT: 2.163 min Scan# 349

Delta R.T. 0.000 min

Lab File: VV027145.D

Acq: 01 Aug 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

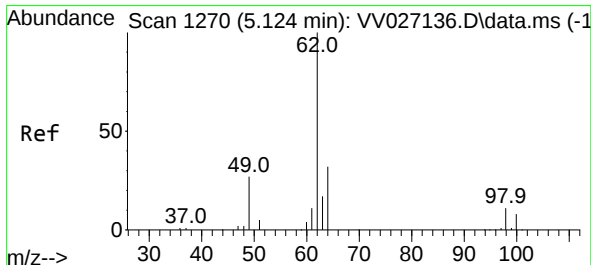
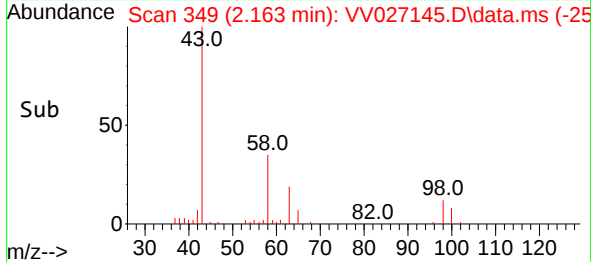
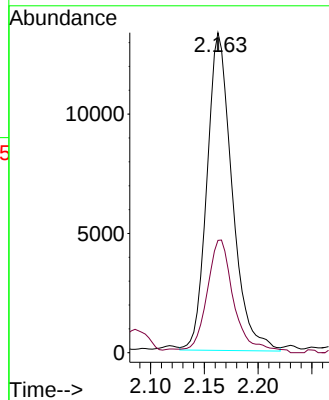
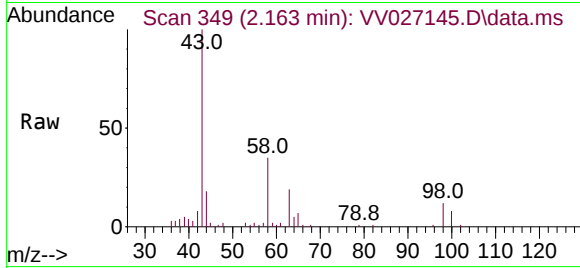
EXF01DL

Tgt Ion: 43 Resp: 21675

Ion Ratio Lower Upper

43 100

58 35.3 0.0 73.6



#27

1,2-Dichloroethane

Concen: 27.886 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV027145.D

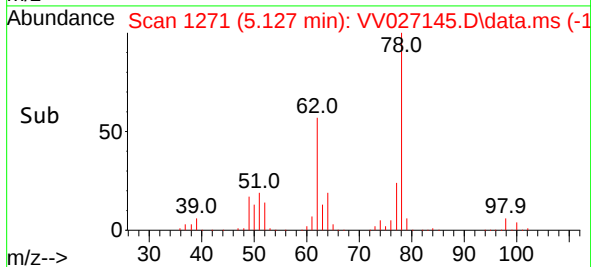
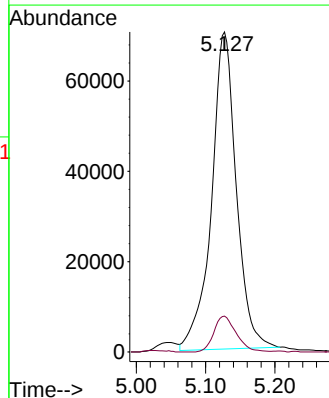
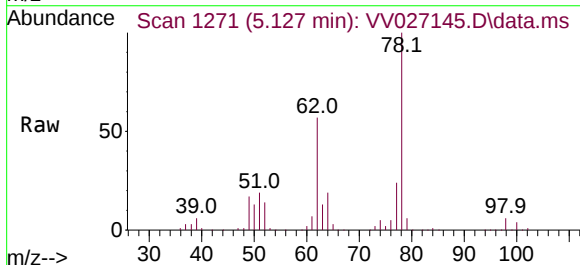
Acq: 01 Aug 2022 23:20

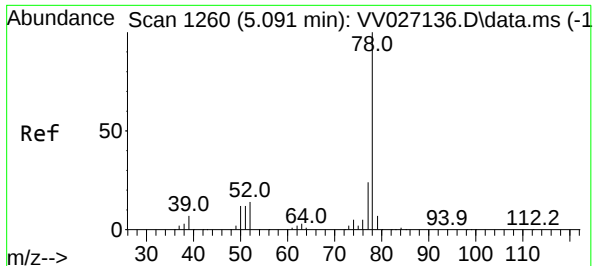
Tgt Ion: 62 Resp: 174809

Ion Ratio Lower Upper

62 100

98 11.2 9.2 13.8





#33

Benzene

Concen: 134.587 ug/L

RT: 5.095 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027145.D

Acq: 01 Aug 2022 23:20

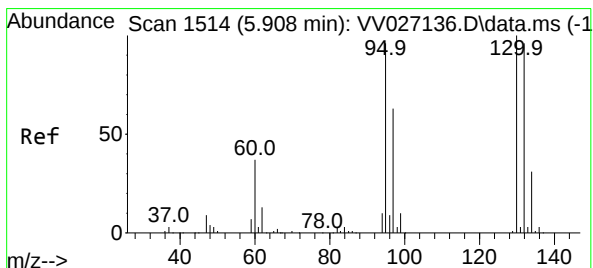
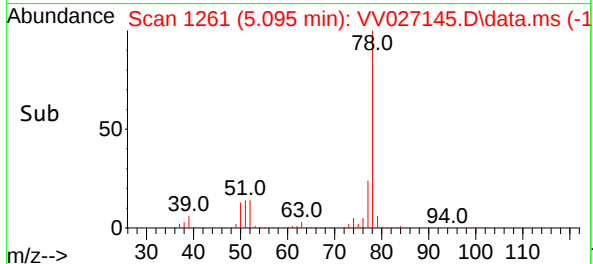
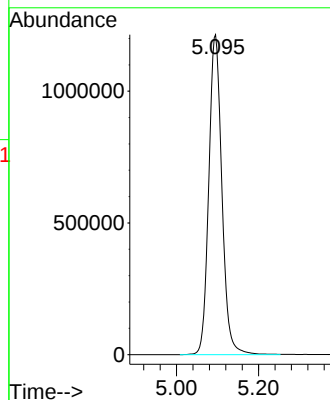
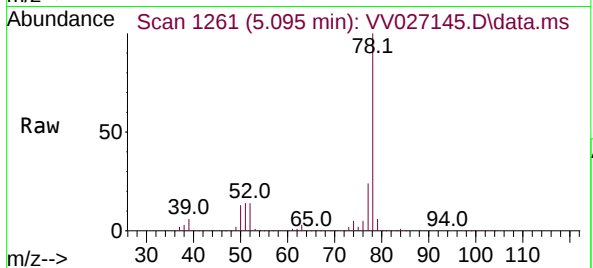
Instrument :

MSVOA_V

ClientSampleId :

EXF01DL

Tgt Ion: 78 Resp: 2688666



#34

Trichloroethene

Concen: 3.666 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV027145.D

Acq: 01 Aug 2022 23:20

Tgt Ion: 95 Resp: 18832

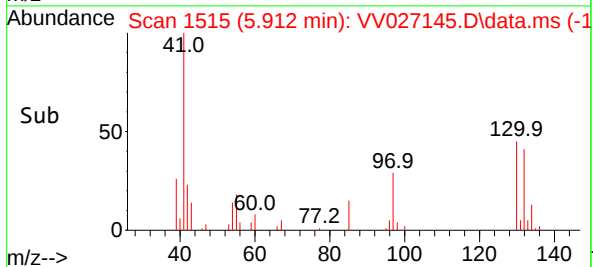
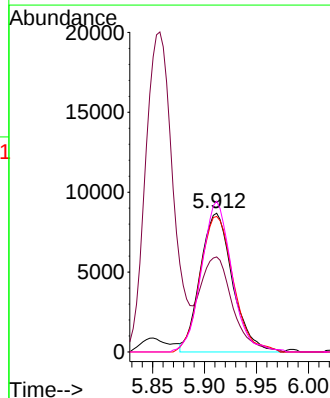
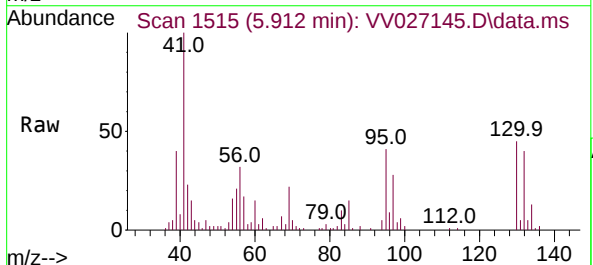
Ion Ratio Lower Upper

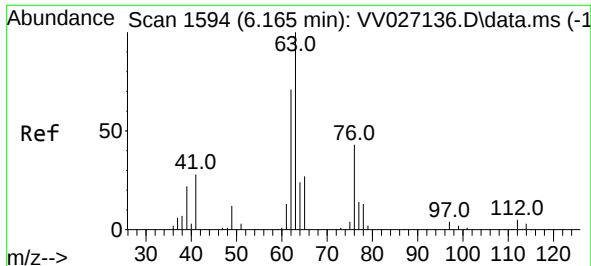
95 100

97 68.5 47.0 87.2

132 97.7 71.5 132.7

130 108.6 72.4 134.4





#37

1,2-Dichloropropane

Concen: 1.051 ug/L

RT: 6.178 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV027145.D

Acq: 01 Aug 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

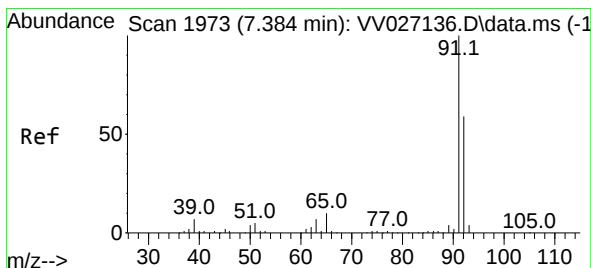
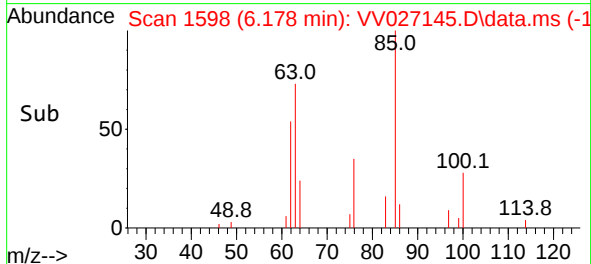
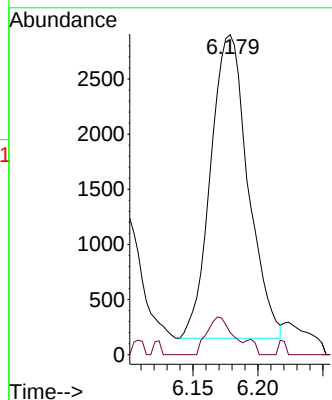
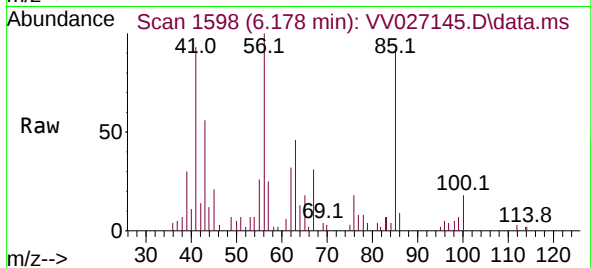
EXF01DL

Tgt Ion: 63 Resp: 5513

Ion Ratio Lower Upper

63 100

112 8.4 4.0 6.0#



#42

Toluene

Concen: 25.093 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV027145.D

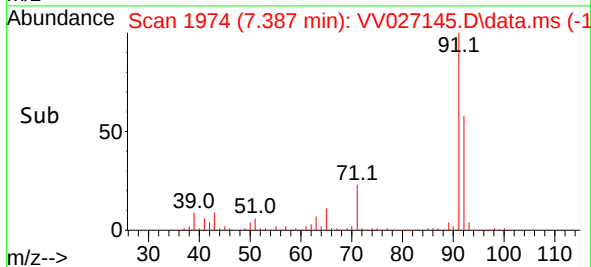
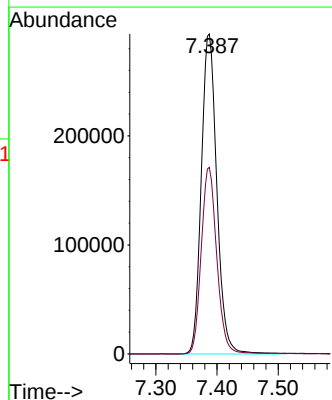
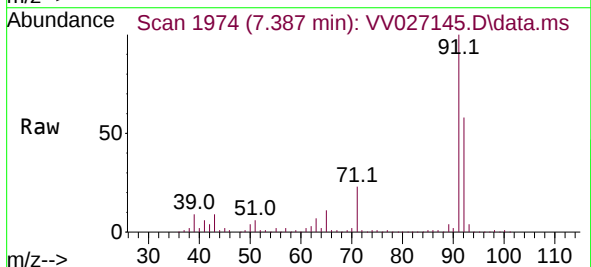
Acq: 01 Aug 2022 23:20

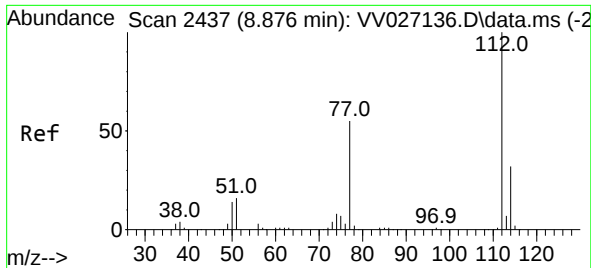
Tgt Ion: 91 Resp: 517146

Ion Ratio Lower Upper

91 100

92 58.3 41.6 77.3

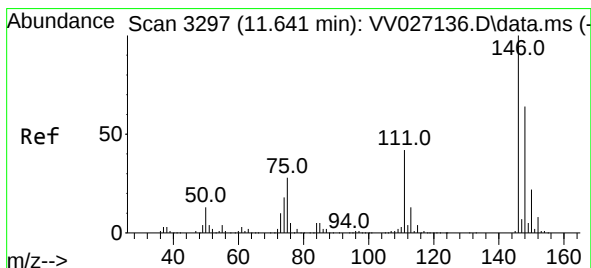
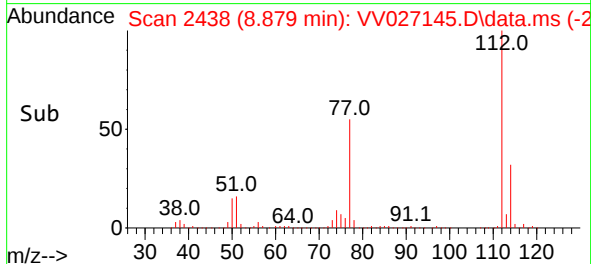
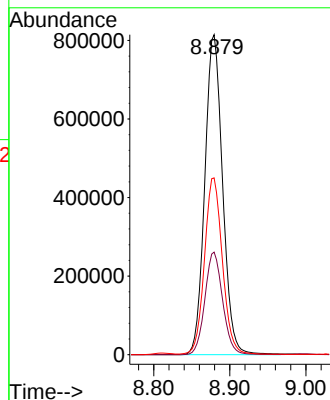
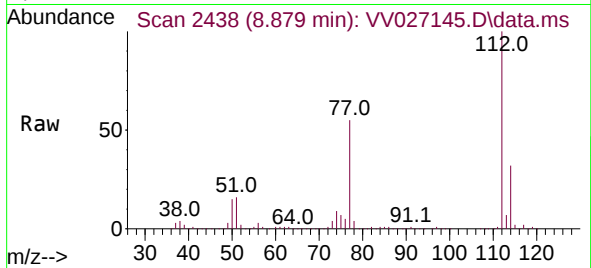




#51
Chlorobenzene
Concen: 92.993 ug/L
RT: 8.879 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV027145.D
Acq: 01 Aug 2022 23:20

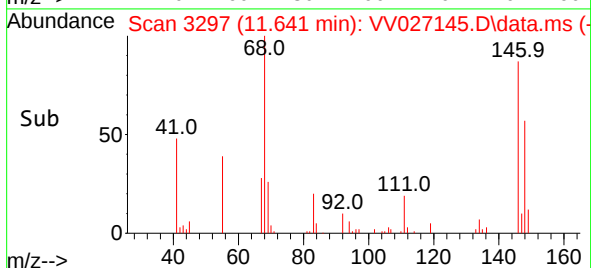
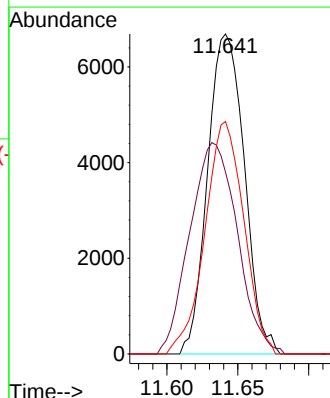
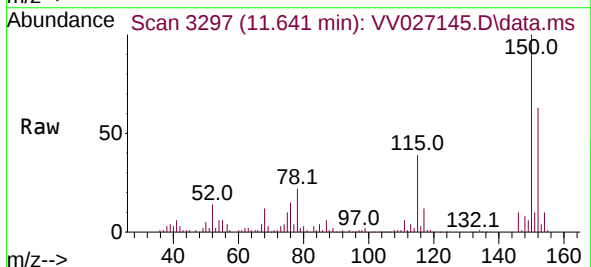
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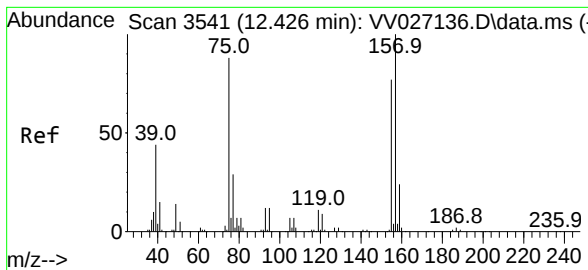
Tgt Ion:112 Resp: 1326252
Ion Ratio Lower Upper
112 100
114 32.0 22.3 41.3
77 55.3 44.9 67.3



#67
1,2-Dichlorobenzene
Concen: 1.311 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV027145.D
Acq: 01 Aug 2022 23:20

Tgt Ion:146 Resp: 12076
Ion Ratio Lower Upper
146 100
111 56.8 32.8 49.2#
148 72.6 50.5 75.7





#68
 1,2-Dibromo-3-chloropropane
 Concen: 51.604 ug/L
 RT: 12.394 min Scan# 31
 Delta R.T. -0.032 min
 Lab File: VV027145.D
 Acq: 01 Aug 2022 23:20

Instrument :
 MSVOA_V
 ClientSampleId :
 EXF01DL

Tgt Ion: 75 Resp: 83114
 Ion Ratio Lower Upper
 75 100
 155 2.9 69.6 104.4#
 157 2.8 88.1 132.1#

