

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027179.D
 Acq On : 02 Aug 2022 18:35
 Operator : SY/MD
 Sample : N4005-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY145

Quant Time: Aug 03 02:02:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 03 02:00:39 2022
 Response via : Initial Calibration

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

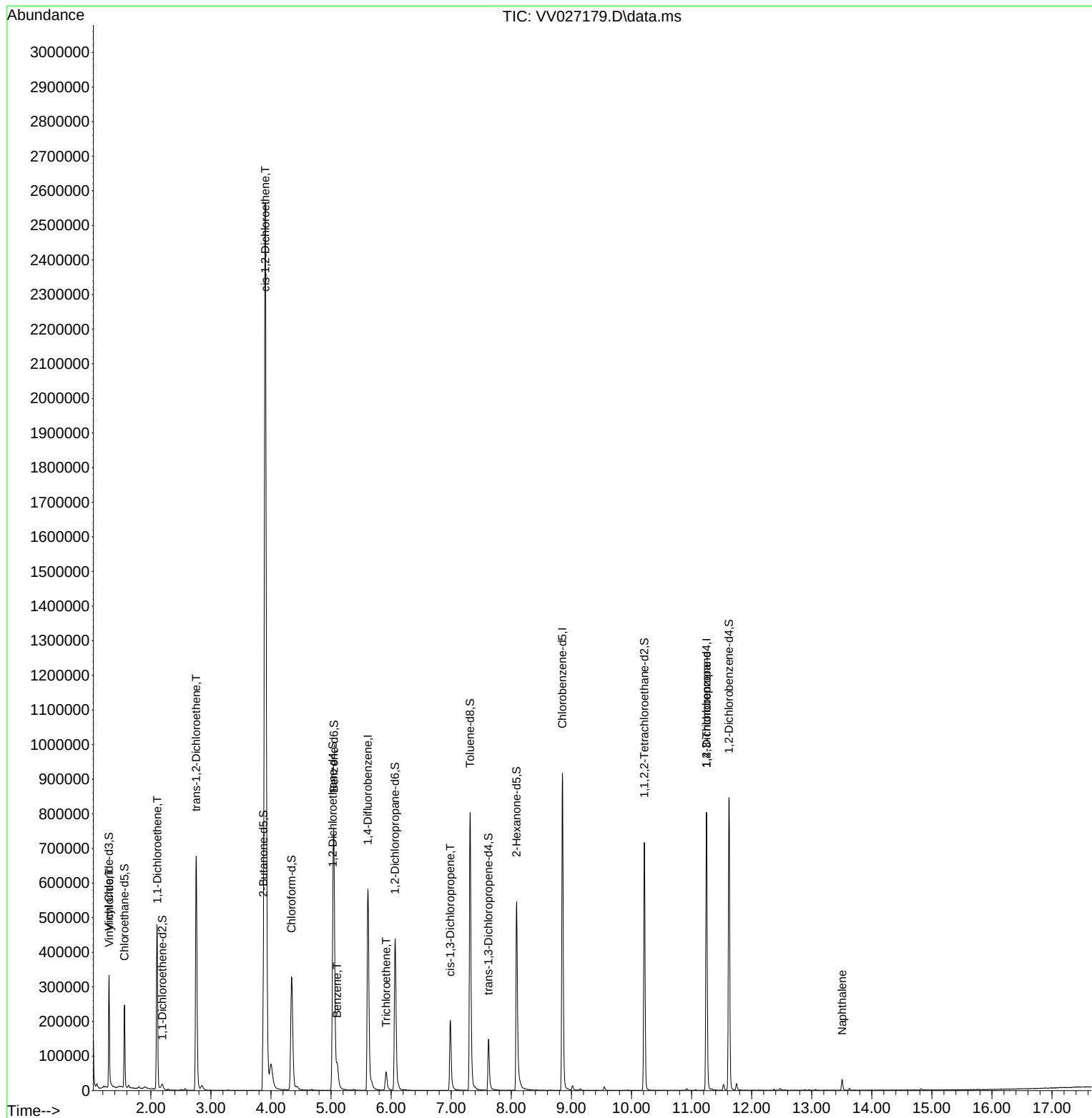
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	550315	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	537695	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	220377	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	188477	52.846	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 105.700%		
7) Chloroethane-d5	1.561	69	159236	59.664	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 119.320%		
11) 1,1-Dichloroethene-d2	2.191	63	13225	1.947	ug/L	0.09
Spiked Amount	50.000	Range 60 - 125	Recovery	= 3.900%#		
21) 2-Butanone-d5	3.873	46	269188	114.640	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 114.640%		
24) Chloroform-d	4.342	84	352576	48.907	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 97.820%		
26) 1,2-Dichloroethane-d4	5.027	65	220842	53.992	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 107.980%		
32) Benzene-d6	5.047	84	698240	49.075	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 98.140%		
36) 1,2-Dichloropropane-d6	6.066	67	230619	52.397	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 104.800%		
41) Toluene-d8	7.313	98	568194	44.297	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 88.600%		
43) trans-1,3-Dichloroprop...	7.619	79	92558	47.915	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 95.820%		
47) 2-Hexanone-d5	8.088	63	198445	116.785	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 116.790%		
56) 1,1,2,2-Tetrachloroeth...	10.213	84	353316	53.701	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 107.400%		
66) 1,2-Dichlorobenzene-d4	11.622	152	227242	58.673	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 117.340%		
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	43935	8.453	ug/L	93
12) 1,1-Dichloroethene	2.108	96	4607	1.207	ug/L #	1
17) trans-1,2-Dichloroethene	2.754	96	269552	66.362	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	1488390	345.202	ug/L	99
33) Benzene	5.098	78	58099	3.523	ug/L	100
34) Trichloroethene	5.915	95	18986	4.477	ug/L	97
39) cis-1,3-Dichloropropene	6.985	75	5095	0.839	ug/L #	80
61) 1,2,3-Trichloropropane	11.249	75	24732	5.405	ug/L #	64
71) Naphthalene	13.506	128	25676	1.969	ug/L	98

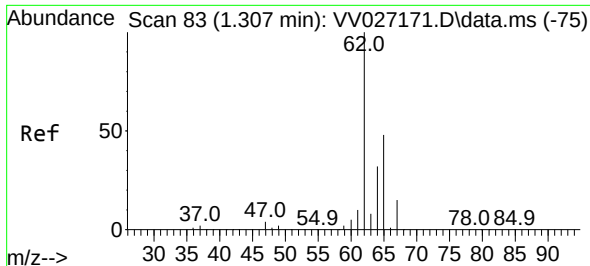
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY145

Quant Time: Aug 03 02:02:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Aug 03 02:00:39 2022
Response via : Initial Calibration

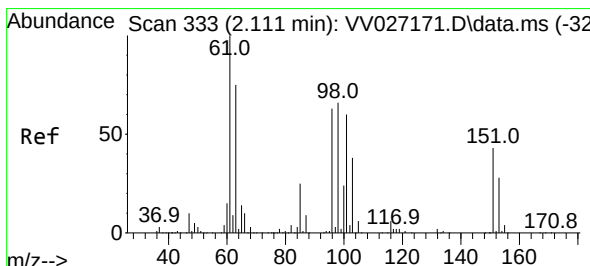
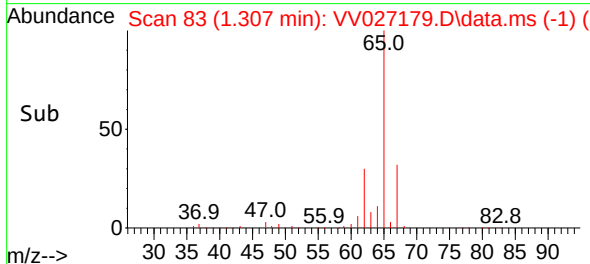
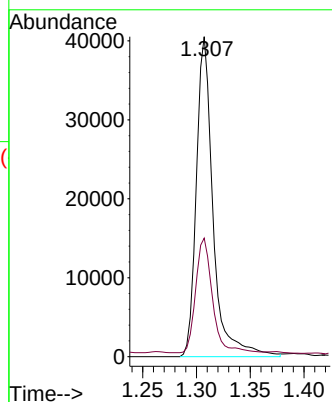
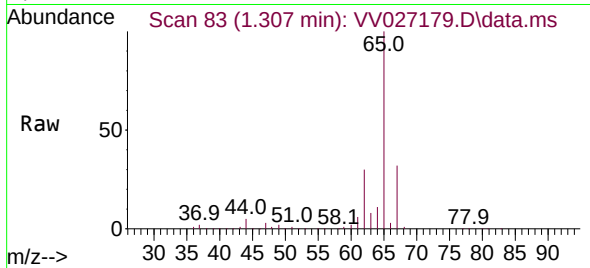




#5
 Vinyl chloride
 Concen: 8.453 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027179.D
 Acq: 02 Aug 2022 18:35

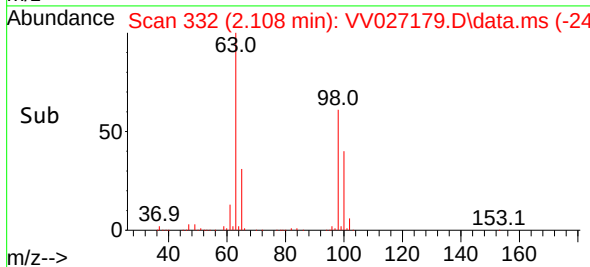
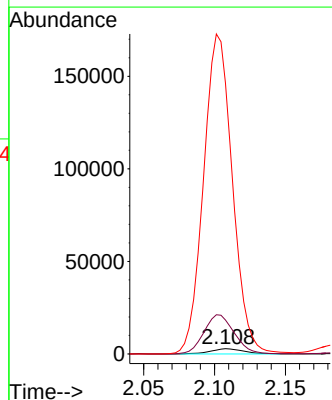
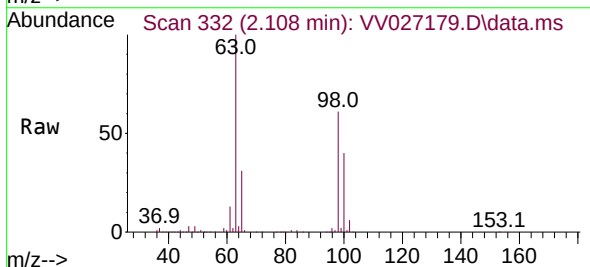
Instrument :
 MSVOA_V
 ClientSampleId :
 EY145

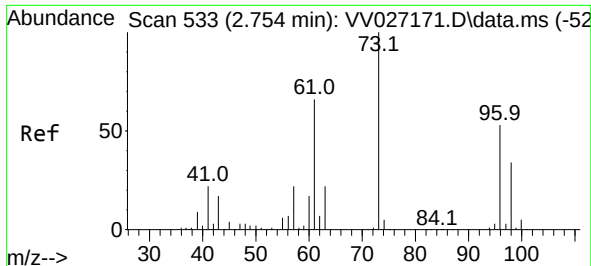
Tgt Ion: 62 Resp: 43935
 Ion Ratio Lower Upper
 62 100
 64 37.0 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 1.207 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV027179.D
 Acq: 02 Aug 2022 18:35

Tgt Ion: 96 Resp: 4607
 Ion Ratio Lower Upper
 96 100
 61 650.1 110.7 205.5#
 63 5178.5 78.4 145.6#

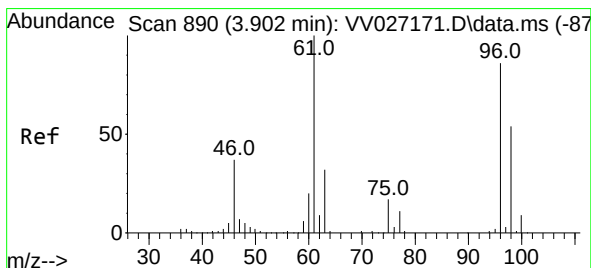
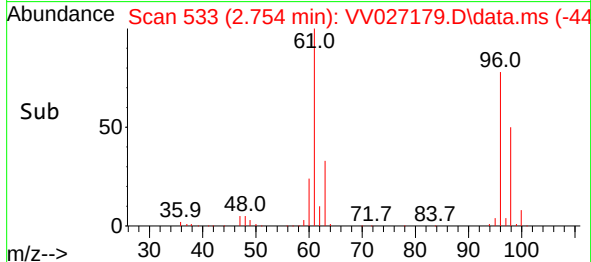
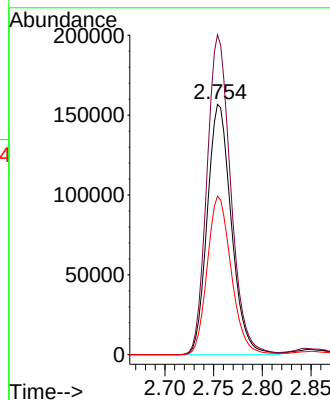
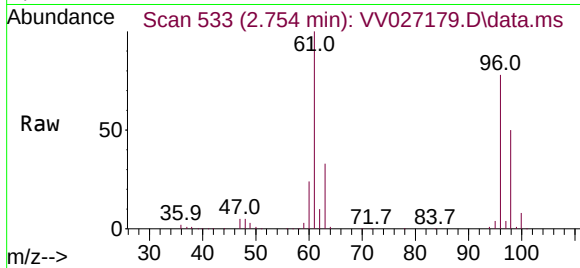




#17
trans-1,2-Dichloroethene
Concen: 66.362 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027179.D
Acq: 02 Aug 2022 18:35

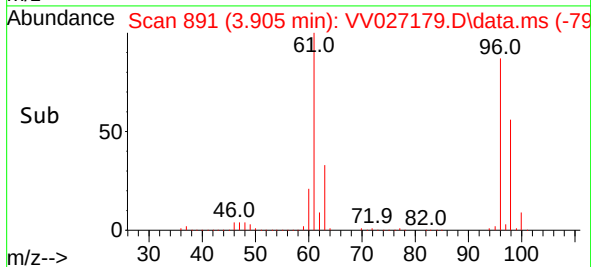
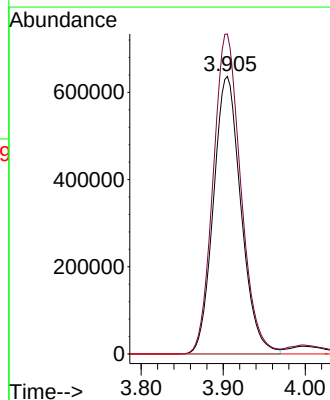
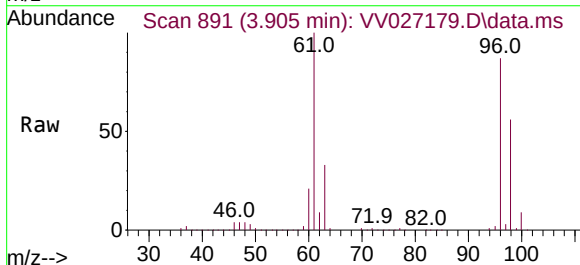
Instrument :
MSVOA_V
ClientSampleId :
EY145

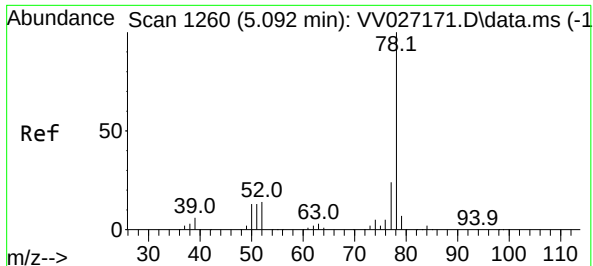
Tgt Ion: 96 Resp: 269552
Ion Ratio Lower Upper
96 100
61 127.8 89.2 165.6
98 63.3 43.3 80.3



#20
cis-1,2-Dichloroethene
Concen: 345.202 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV027179.D
Acq: 02 Aug 2022 18:35

Tgt Ion: 96 Resp: 1488390
Ion Ratio Lower Upper
96 100
61 115.3 81.7 151.7
68 0.0 0.0 0.0

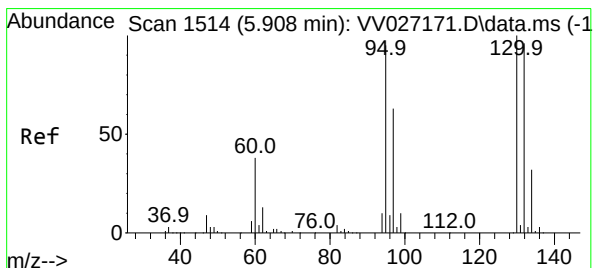
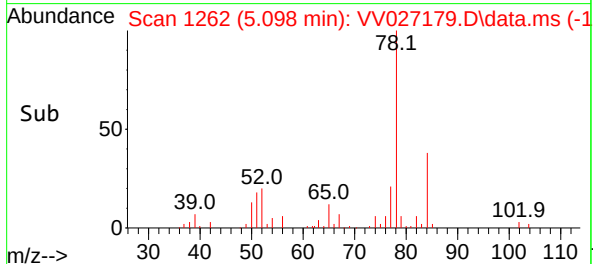
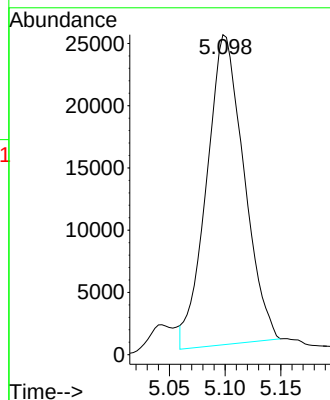
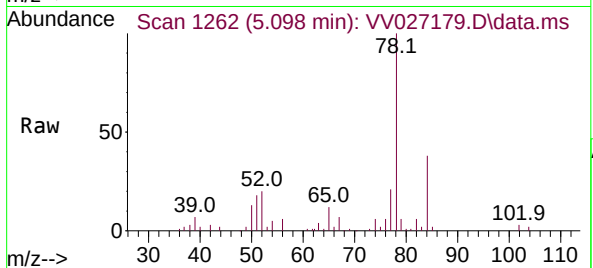




#33
Benzene
Concen: 3.523 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027179.D
Acq: 02 Aug 2022 18:35

Instrument :
MSVOA_V
ClientSampleId :
EY145

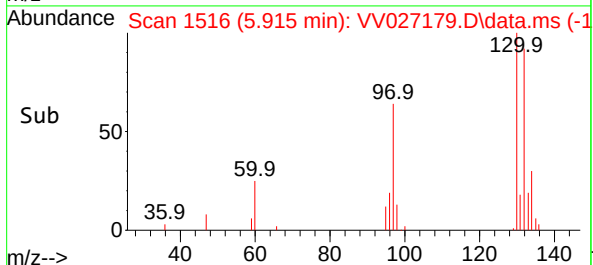
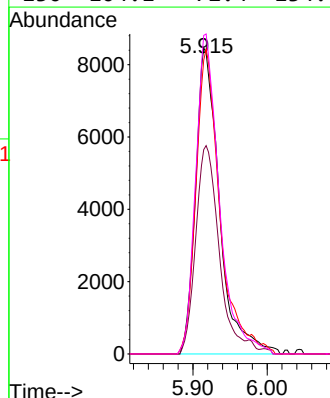
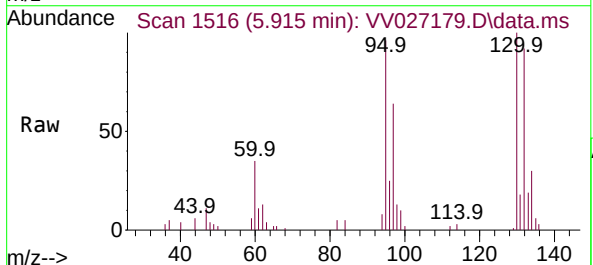
Tgt Ion: 78 Resp: 58099

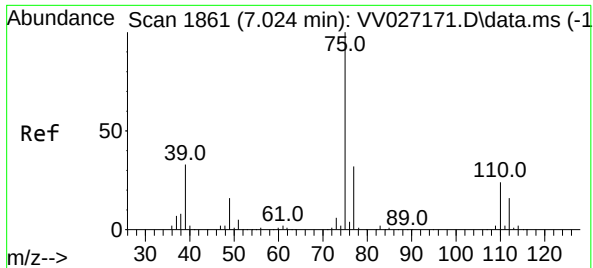


#34
Trichloroethene
Concen: 4.477 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV027179.D
Acq: 02 Aug 2022 18:35

Tgt Ion: 95 Resp: 18986

Ion	Ratio	Lower	Upper
95	100		
97	66.8	47.0	87.2
132	96.0	71.5	132.7
130	104.1	72.4	134.4





#39

cis-1,3-Dichloropropene

Concen: 0.839 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV027179.D

Acq: 02 Aug 2022 18:35

Instrument :

MSVOA_V

ClientSampleId :

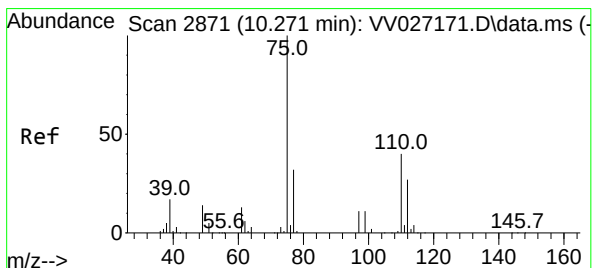
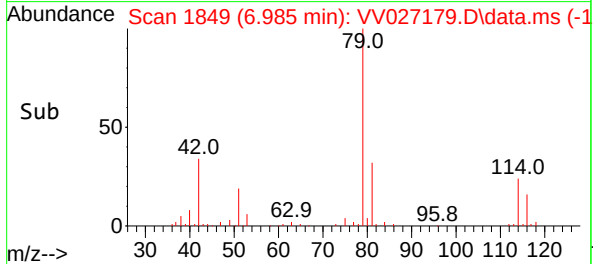
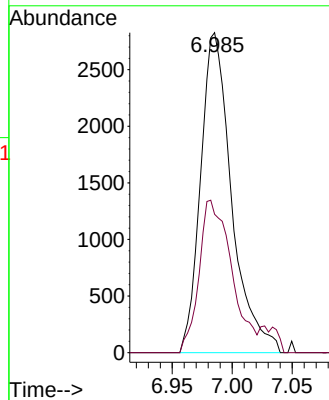
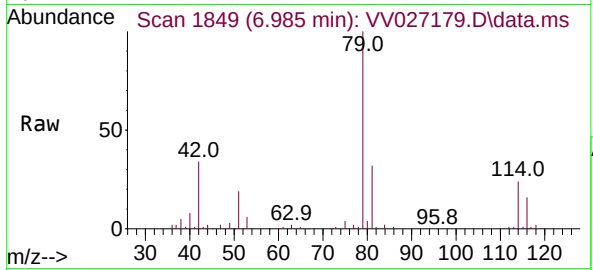
EY145

Tgt Ion: 75 Resp: 5095

Ion Ratio Lower Upper

75 100

77 43.2 22.3 41.5#



#61

1,2,3-Trichloropropane

Concen: 5.405 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027179.D

Acq: 02 Aug 2022 18:35

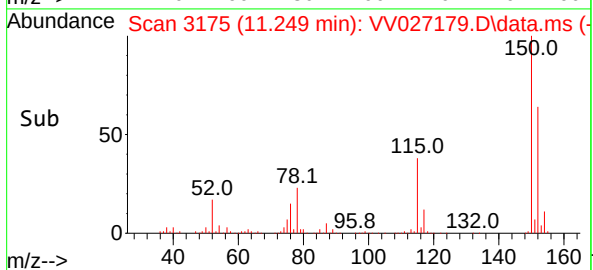
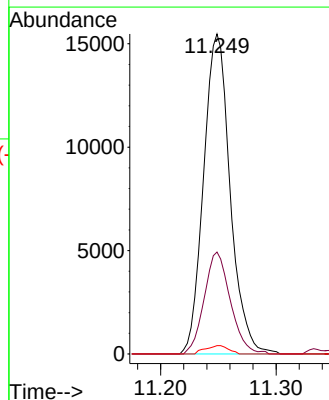
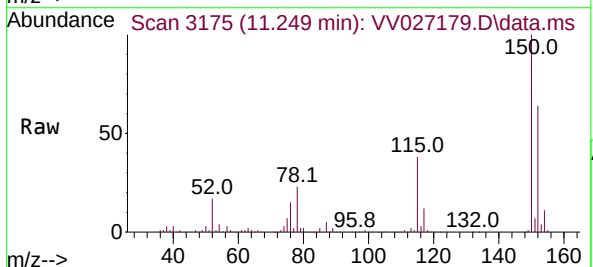
Tgt Ion: 75 Resp: 24732

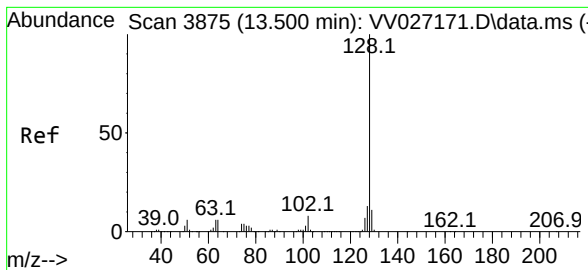
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.8

110 2.3 32.8 49.2#





#71

Naphthalene

Concen: 1.969 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.006 min

Lab File: VV027179.D

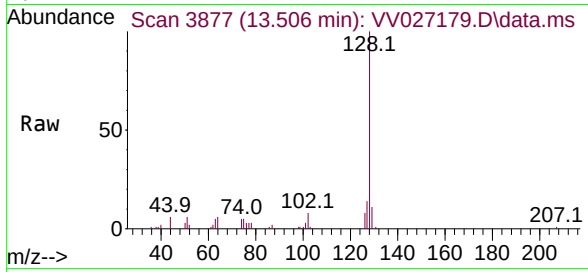
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Tgt Ion:128 Resp: 25676

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.2

129 10.5 8.7 13.1

