

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080322\
 Data File : VW027201.D
 Acq On : 03 Aug 2022 19:06
 Operator : SY/MD
 Sample : N4005-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY145

Quant Time: Aug 04 03:06:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 04 02:57:16 2022
 Response via : Initial Calibration

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

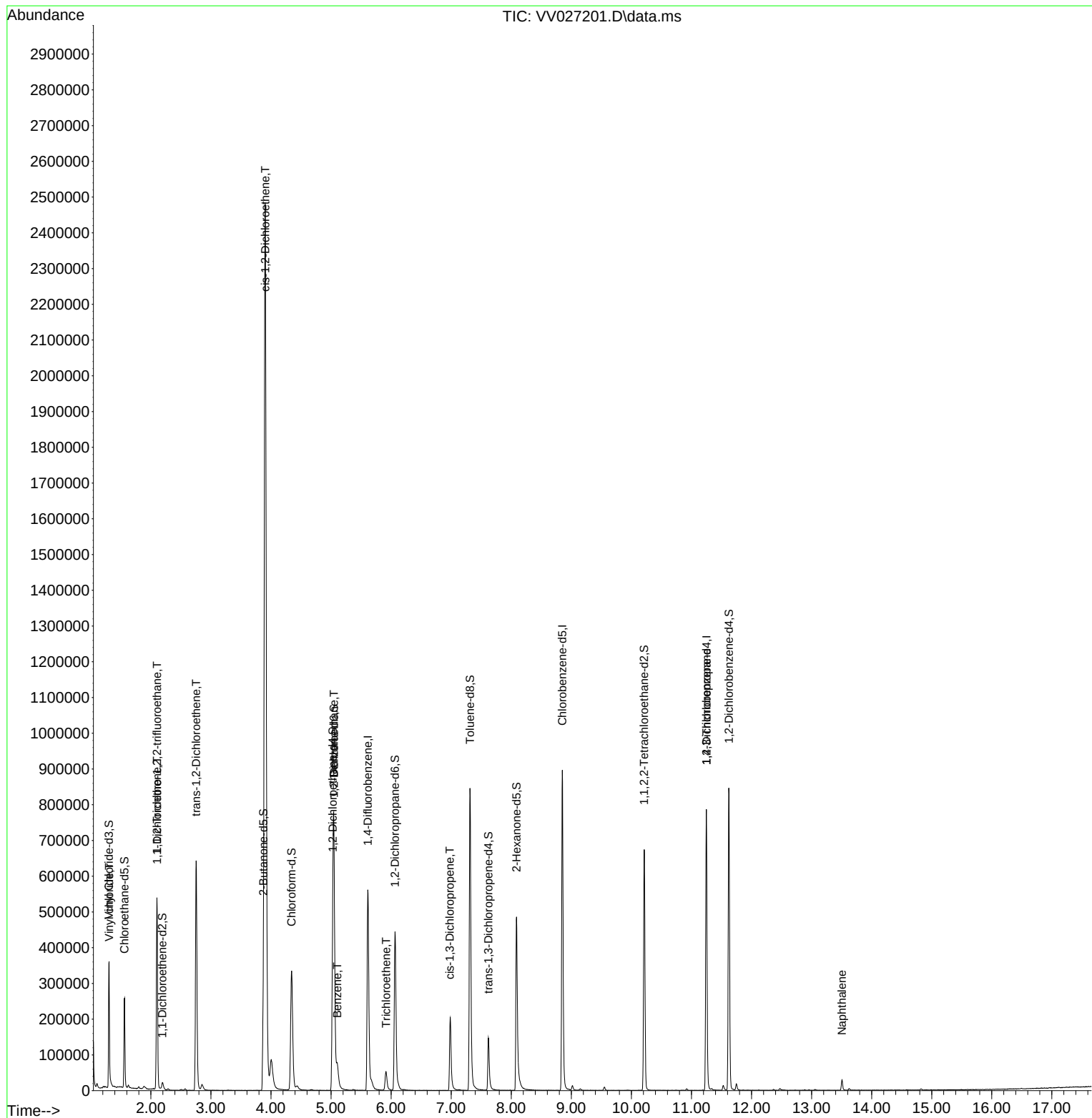
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	503836	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	526486	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	212093	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	217956	66.749	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 133.500%		
7) Chloroethane-d5	1.561	69	171101	70.024	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 140.040%#		
11) 1,1-Dichloroethene-d2	2.191	63	16329	2.626	ug/L	0.09
Spiked Amount	50.000	Range 60 - 125	Recovery	= 5.260%#		
21) 2-Butanone-d5	3.873	46	241368	112.275	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 112.270%		
24) Chloroform-d	4.342	84	358365	54.295	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 108.600%		
26) 1,2-Dichloroethane-d4	5.027	65	209808	56.027	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 112.060%		
32) Benzene-d6	5.047	84	725587	52.082	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 104.160%		
36) 1,2-Dichloropropane-d6	6.066	67	234787	54.479	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 108.960%		
41) Toluene-d8	7.313	98	608998	48.488	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 96.980%		
43) trans-1,3-Dichloroprop...	7.619	79	91605	48.431	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 96.860%		
47) 2-Hexanone-d5	8.088	63	173658	104.374	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 104.370%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	335536	52.084	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 104.160%		
66) 1,2-Dichlorobenzene-d4	11.622	152	225117	60.395	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 120.780%#		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	38712	8.135	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	2589	0.720	ug/L #	21
12) 1,1-Dichloroethene	2.104	96	4420	1.265	ug/L #	1
17) trans-1,2-Dichloroethene	2.754	96	255579	68.726	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	1451649	367.740	ug/L	98
27) 1,2-Dichloroethane	5.050	62	3853	0.776	ug/L	98
33) Benzene	5.101	78	54865	3.398	ug/L	100
34) Trichloroethene	5.918	95	18174	4.376	ug/L	96
39) cis-1,3-Dichloropropene	6.979	75	5189	0.873	ug/L #	75
61) 1,2,3-Trichloropropane	11.249	75	23824	5.410	ug/L #	64
71) Naphthalene	13.506	128	22933	1.827	ug/L	100

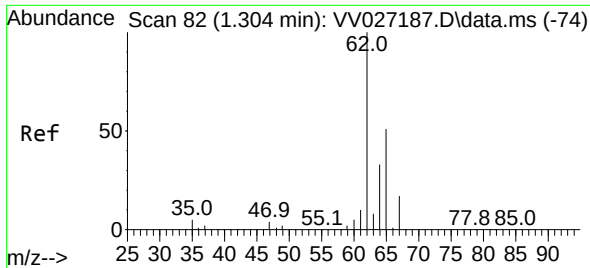
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 04 02:57:16 2022
Response via : Initial Calibration

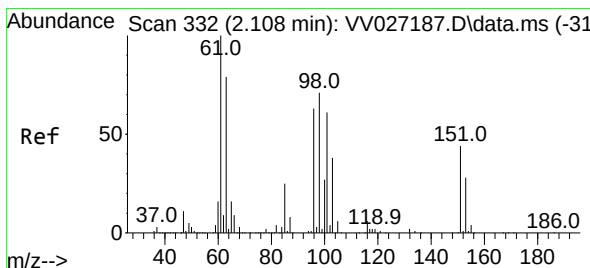
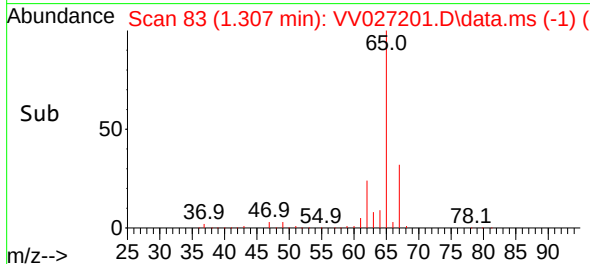
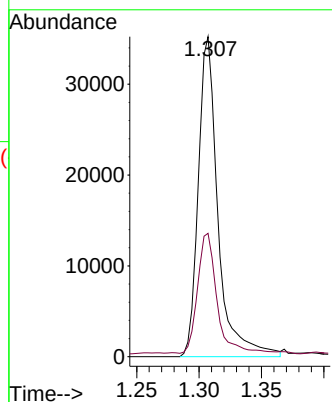
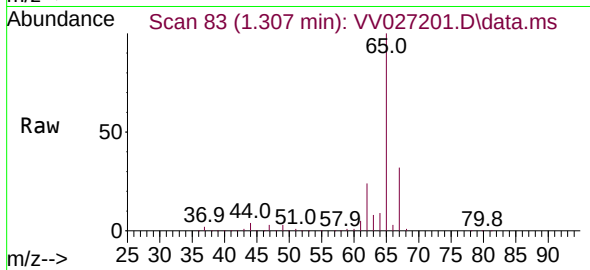




#5
 Vinyl chloride
 Concen: 8.135 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027201.D
 Acq: 03 Aug 2022 19:06

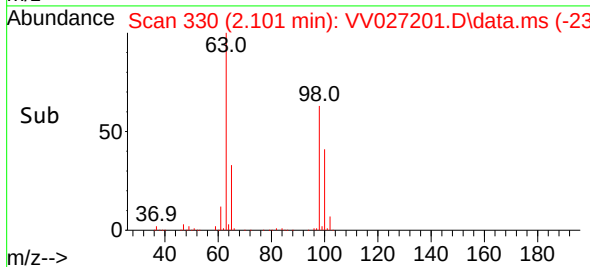
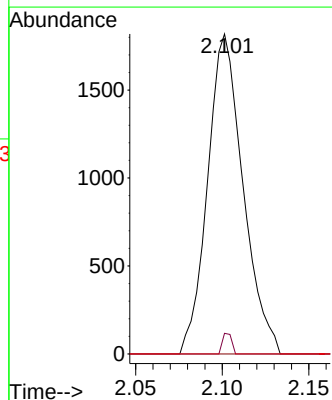
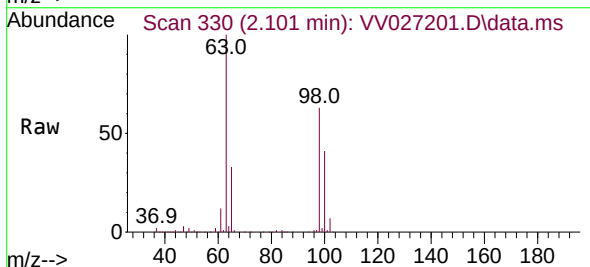
Instrument :
 MSVOA_V
 ClientSampleId :
 EY145

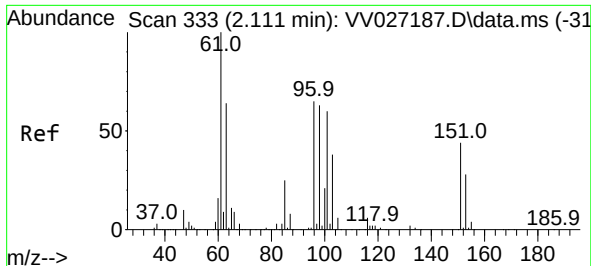
Tgt Ion: 62 Resp: 38712
 Ion Ratio Lower Upper
 62 100
 64 38.5 23.1 42.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.720 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.007 min
 Lab File: VV027201.D
 Acq: 03 Aug 2022 19:06

Tgt Ion: 101 Resp: 2589
 Ion Ratio Lower Upper
 101 100
 85 1.7 33.9 50.9#
 151 0.0 58.4 87.6#





#12

1,1-Dichloroethene

Concen: 1.265 ug/L

RT: 2.104 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV027201.D

Acq: 03 Aug 2022 19:06

Instrument :

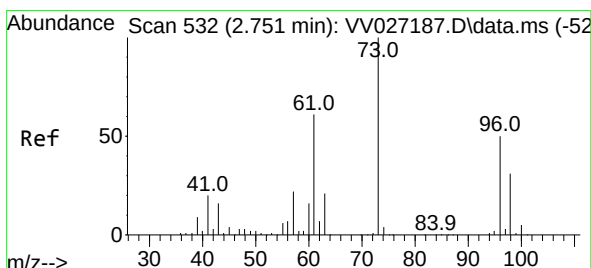
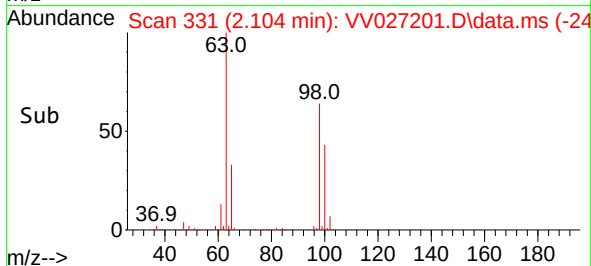
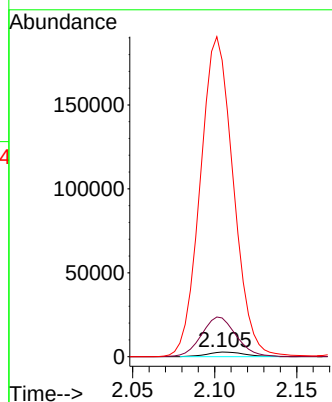
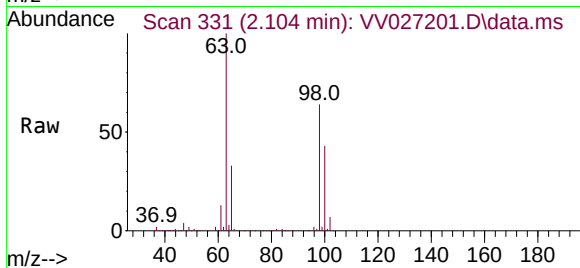
MSVOA_V

ClientSampleId :

EY145

Tgt Ion: 96 Resp: 4420

Ion	Ratio	Lower	Upper
96	100		
61	846.1	110.7	205.5#
63	6489.3	78.4	145.6#



#17

trans-1,2-Dichloroethene

Concen: 68.726 ug/L

RT: 2.754 min Scan# 533

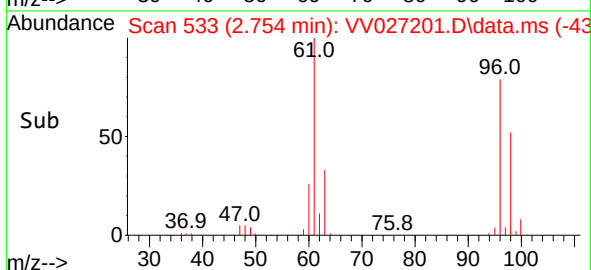
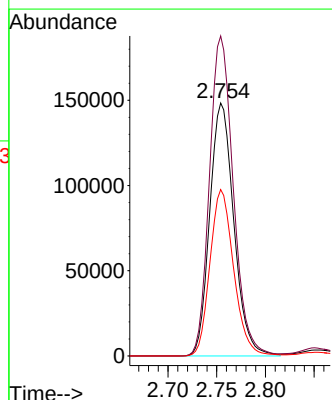
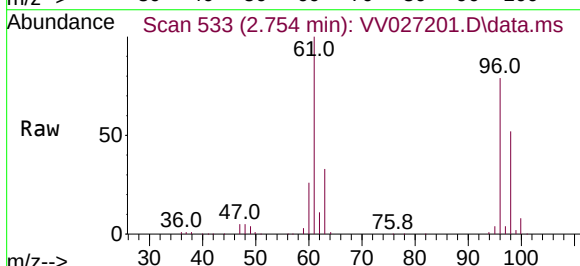
Delta R.T. 0.003 min

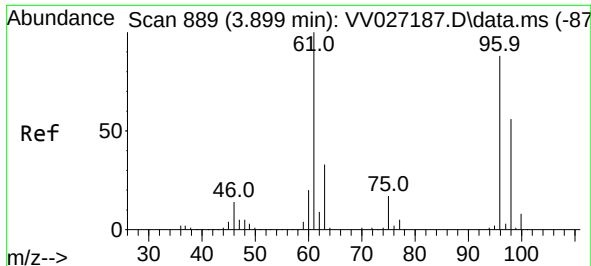
Lab File: VV027201.D

Acq: 03 Aug 2022 19:06

Tgt Ion: 96 Resp: 255579

Ion	Ratio	Lower	Upper
96	100		
61	126.5	89.2	165.6
98	65.8	43.3	80.3



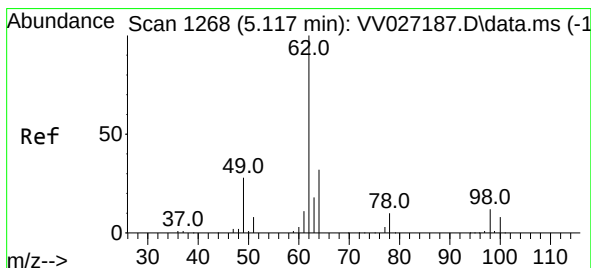
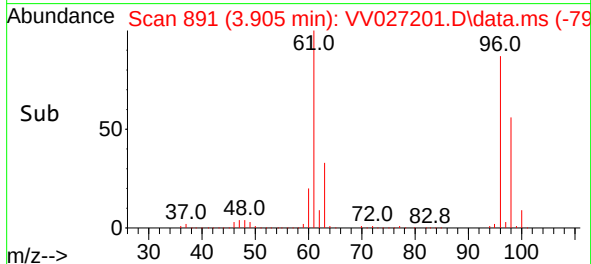
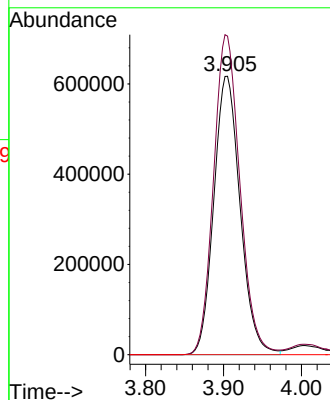
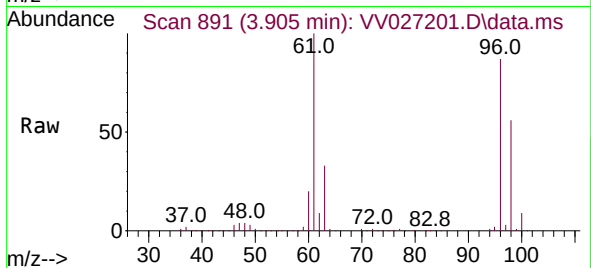


#20
 cis-1,2-Dichloroethene
 Concen: 367.740 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV027201.D
 Acq: 03 Aug 2022 19:06

Instrument :
 MSVOA_V
 ClientSampleId :
 EY145

Tgt Ion: 96 Resp: 1451649

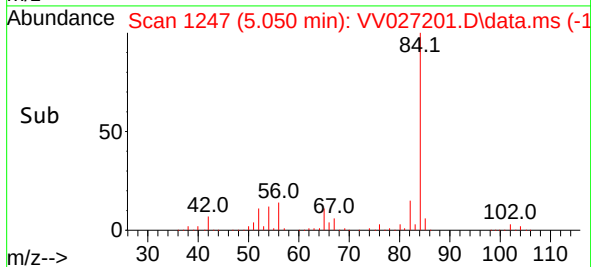
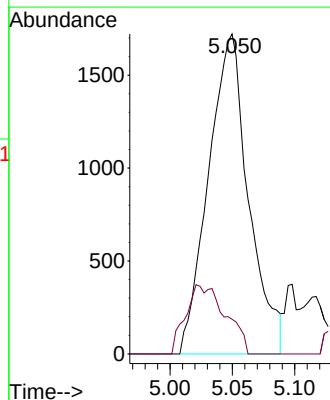
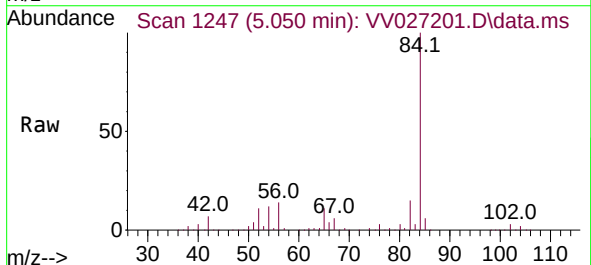
Ion	Ratio	Lower	Upper
96	100		
61	114.4	81.7	151.7
68	0.0	0.0	0.0

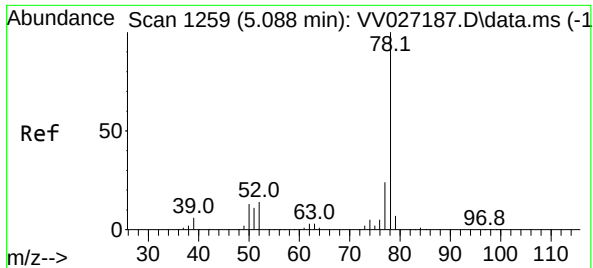


#27
 1,2-Dichloroethane
 Concen: 0.776 ug/L
 RT: 5.050 min Scan# 1247
 Delta R.T. -0.068 min
 Lab File: VV027201.D
 Acq: 03 Aug 2022 19:06

Tgt Ion: 62 Resp: 3853

Ion	Ratio	Lower	Upper
62	100		
98	10.9	9.2	13.8

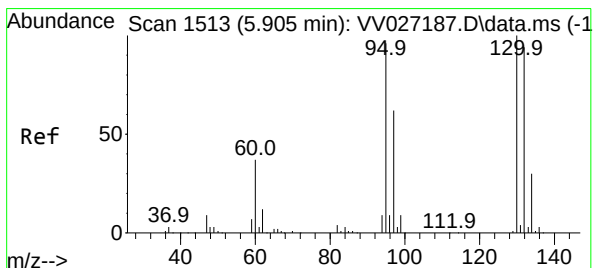
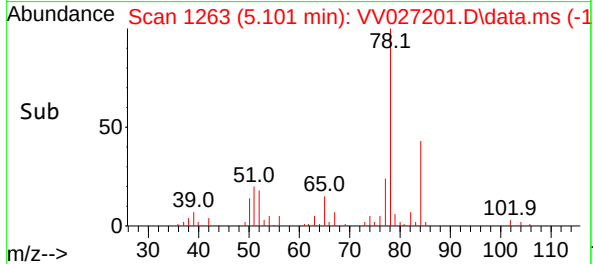
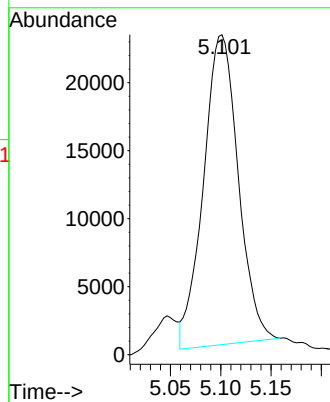
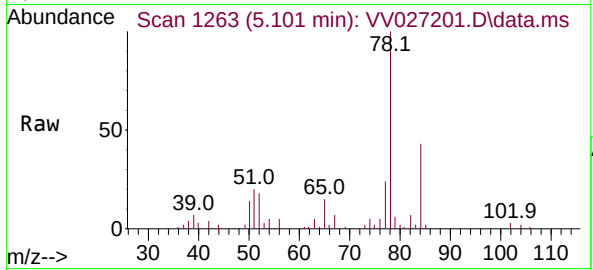




#33
Benzene
Concen: 3.398 ug/L
RT: 5.101 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV027201.D
Acq: 03 Aug 2022 19:06

Instrument :
MSVOA_V
ClientSampleId :
EY145

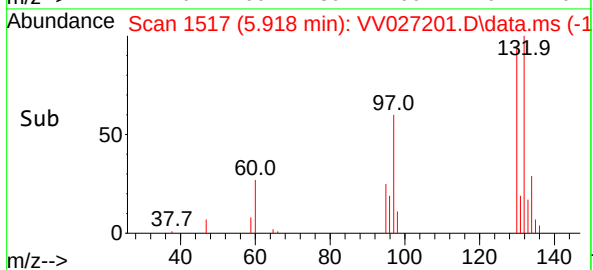
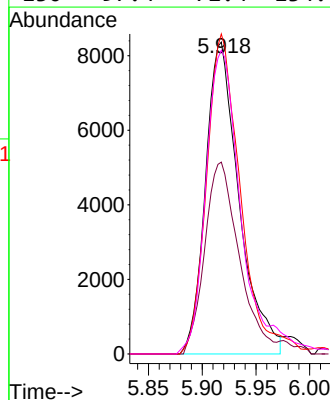
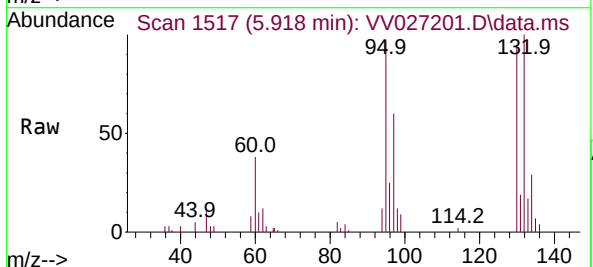
Tgt Ion: 78 Resp: 54865

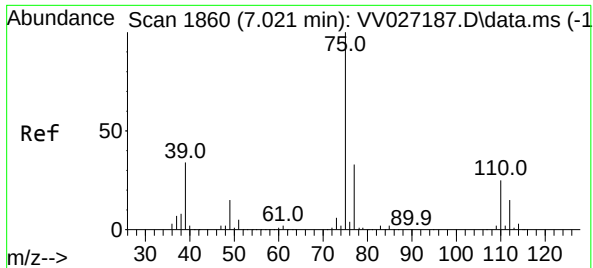


#34
Trichloroethene
Concen: 4.376 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV027201.D
Acq: 03 Aug 2022 19:06

Tgt Ion: 95 Resp: 18174

Ion	Ratio	Lower	Upper
95	100		
97	61.5	47.0	87.2
132	102.6	71.5	132.7
130	97.4	72.4	134.4

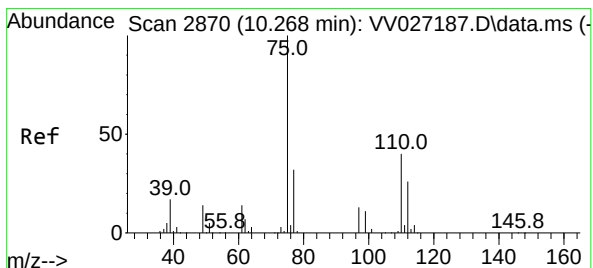
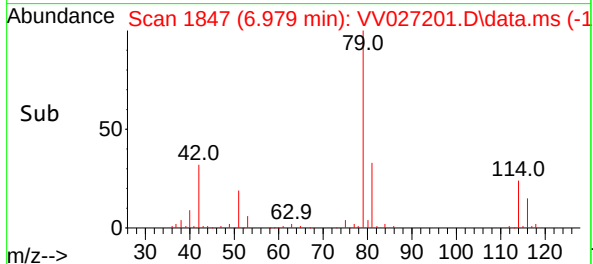
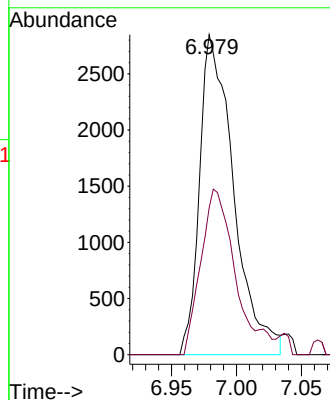
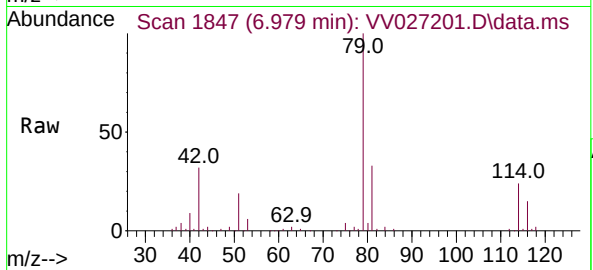




#39
 cis-1,3-Dichloropropene
 Concen: 0.873 ug/L
 RT: 6.979 min Scan# 11
 Delta R.T. -0.042 min
 Lab File: VV027201.D
 Acq: 03 Aug 2022 19:06

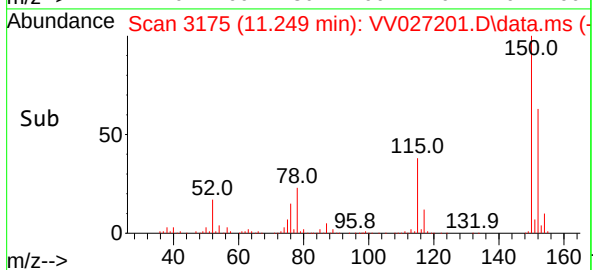
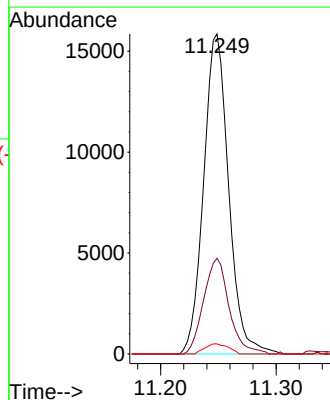
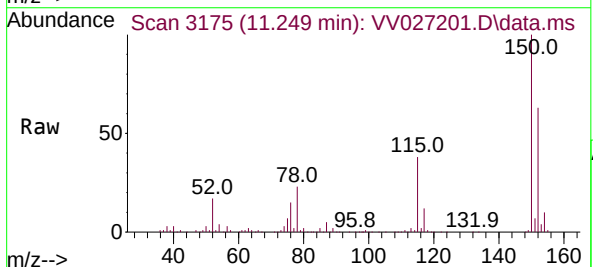
Instrument :
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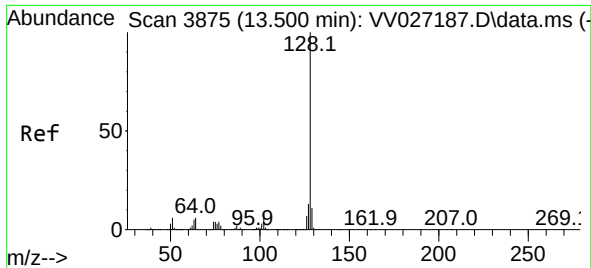
Tgt Ion: 75 Resp: 5189
 Ion Ratio Lower Upper
 75 100
 77 45.9 22.3 41.5#



#61
 1,2,3-Trichloropropane
 Concen: 5.410 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.980 min
 Lab File: VV027201.D
 Acq: 03 Aug 2022 19:06

Tgt Ion: 75 Resp: 23824
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.8 38.8
 110 3.0 32.8 49.2#





#71
 Naphthalene
 Concen: 1.827 ug/L
 RT: 13.506 min Scan# 3877
 Delta R.T. 0.006 min
 Lab File: VV027201.D
 Acq: 03 Aug 2022 19:06

Instrument : MSVOA_V
 ClientSampleId : EY145

Tgt Ion:	128	Resp:	22933
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.7	13.1

