

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032921\
 Data File : VW020797.D
 Acq On : 29 Mar 2021 12:05
 Operator : SY/MD
 Sample : M1816-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H8

Quant Time: Mar 30 04:42:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 30 04:39:28 2021
 Response via : Initial Calibration

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

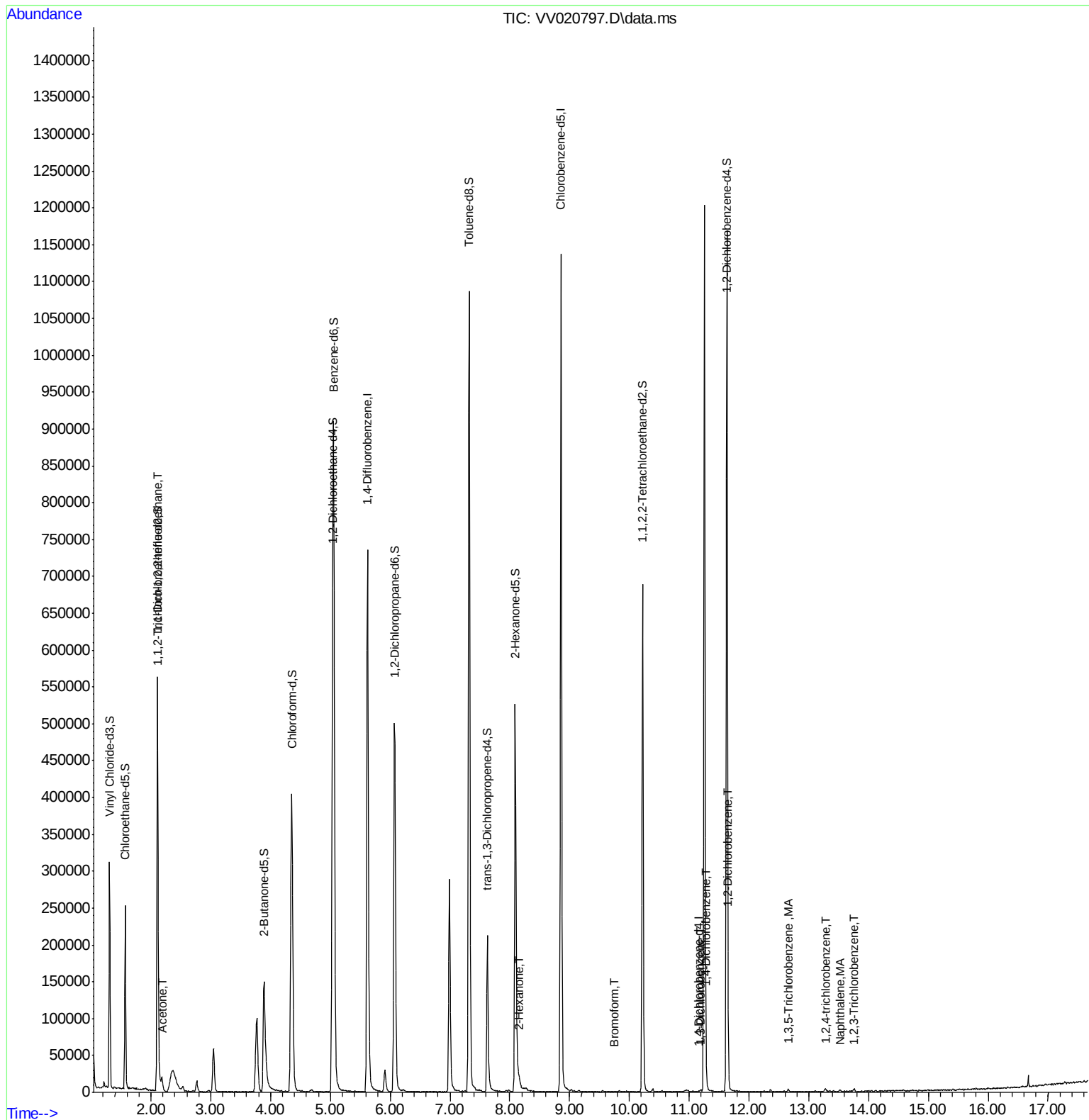
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	638047	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	621310	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.159	152	97	50.00	ug/L	-0.10
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	180117	39.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.52%		
7) Chloroethane-d5	1.571	69	147344	43.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.04%		
11) 1,1-Dichloroethene-d2	2.111	63	289419	33.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.72%		
21) 2-Butanone-d5	3.889	46	261903	88.87	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.87%		
24) Chloroform-d	4.352	84	416665	46.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.56%		
26) 1,2-Dichloroethane-d4	5.037	65	280262	47.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.50%		
32) Benzene-d6	5.053	84	778793	47.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.06%		
36) 1,2-Dichloropropane-d6	6.072	67	232910	45.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.62%		
41) Toluene-d8	7.320	98	709398	46.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.04%		
43) trans-1,3-Dichloroprop...	7.625	79	122912	45.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.88%		
47) 2-Hexanone-d5	8.092	63	177690	83.36	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.36%		
57) 1,1,2,2-Tetrachloroeth...	10.223	84	308173	41.61	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.22%		
64) 1,2-Dichlorobenzene-d4	11.632	152	303241	161078.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	322156.76%#		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2706	0.68	ug/L #	20
13) Acetone	2.182	43	23871	11.36	ug/L	98
48) 2-Hexanone	8.153	43	8428	1.83	ug/L #	72
61) Bromoform	9.741	173	158	143.47	ug/L #	37
62) 1,3-Dichlorobenzene	11.188	146	1062	358.77	ug/L	94
63) 1,4-Dichlorobenzene	11.281	146	793	257.58	ug/L #	44
65) 1,2-Dichlorobenzene	11.651	146	191	65.47	ug/L #	13
67) 1,3,5-Trichlorobenzene	12.657	180	1027	447.58	ug/L #	67
68) 1,2,4-trichlorobenzene	13.278	180	1545	794.15	ug/L #	95
69) Naphthalene	13.522	128	1955	351.07	ug/L #	93
70) 1,2,3-Trichlorobenzene	13.747	180	520	266.91	ug/L #	1

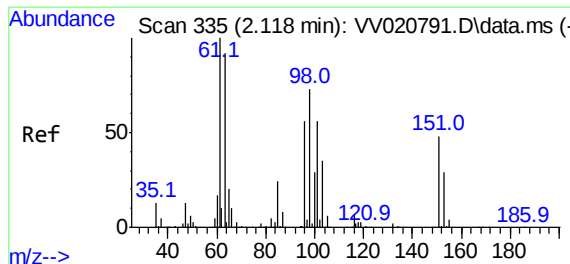
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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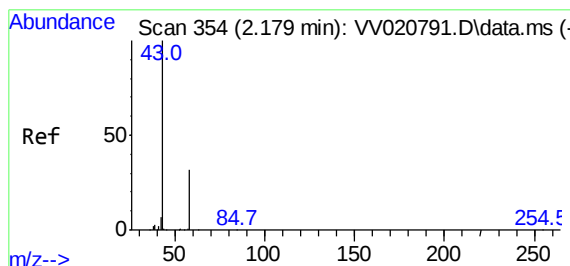
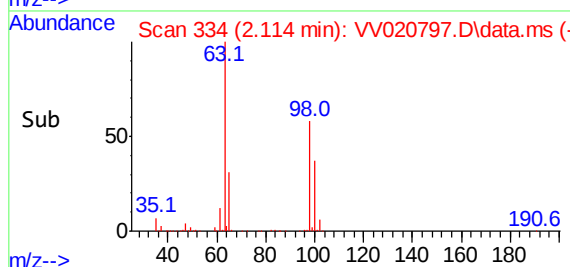
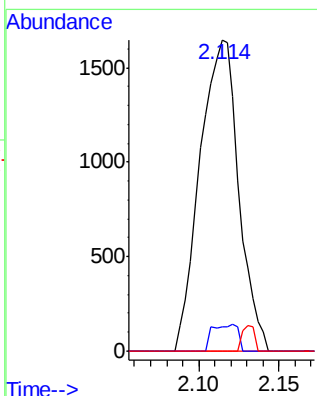
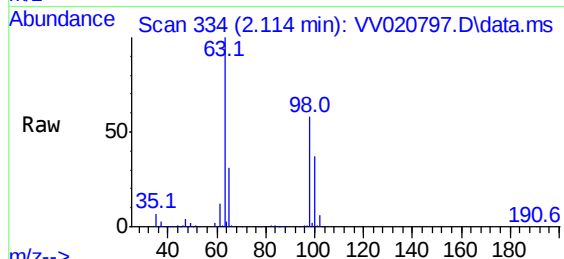




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.68 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV020797.D
 Acq: 29 Mar 2021 12:05

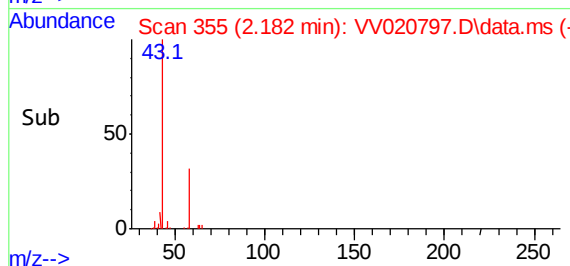
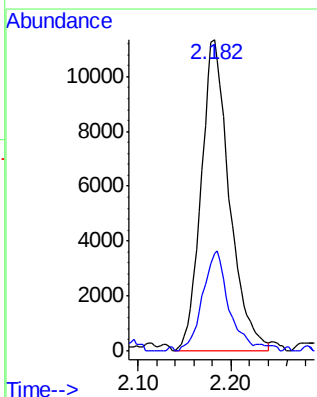
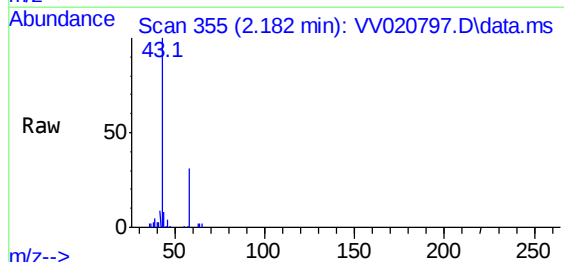
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H8

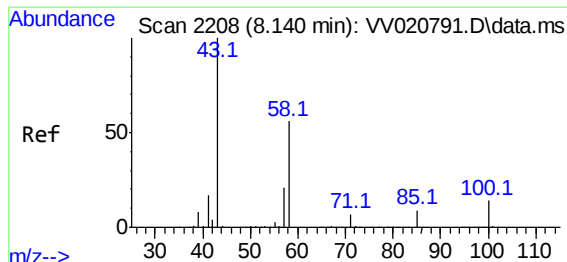
Tgt Ion:101 Resp: 2706
 Ion Ratio Lower Upper
 101 100
 85 1.7 35.4 53.0#
 151 2.6 63.5 95.3#



#13
 Acetone
 Concen: 11.36 ug/L
 RT: 2.182 min Scan# 355
 Delta R.T. 0.003 min
 Lab File: VV020797.D
 Acq: 29 Mar 2021 12:05

Tgt Ion: 43 Resp: 23871
 Ion Ratio Lower Upper
 43 100
 58 29.1 0.0 60.8

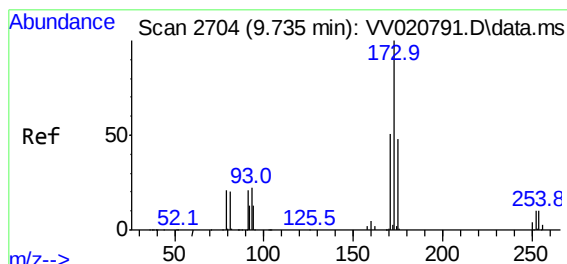
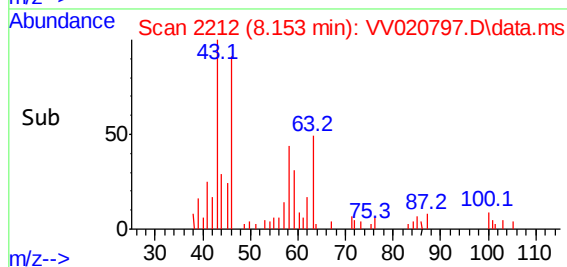
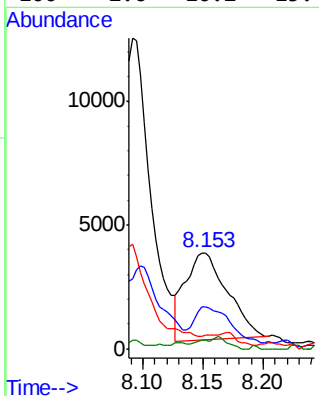
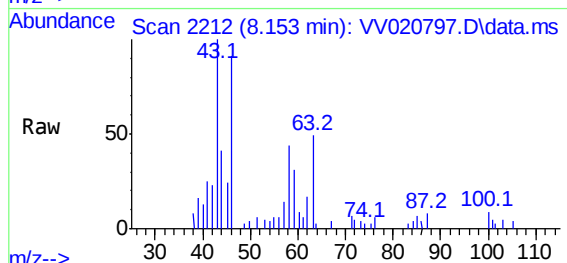




#48
2-Hexanone
Concen: 1.83 ug/L
RT: 8.153 min Scan# 2212
Delta R.T. 0.013 min
Lab File: VV020797.D
Acq: 29 Mar 2021 12:05

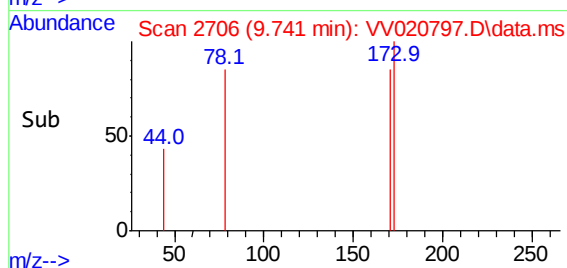
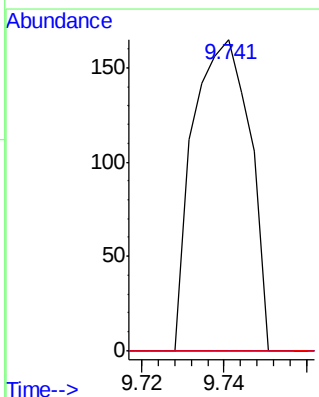
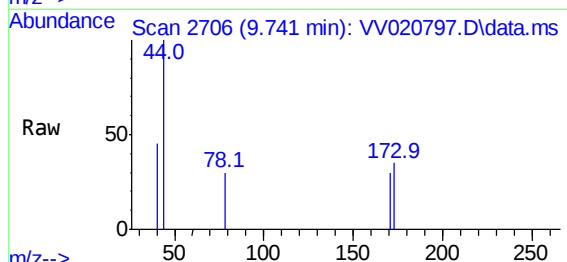
Instrument :
MSVOA_V
ClientSampled :
BG3H8

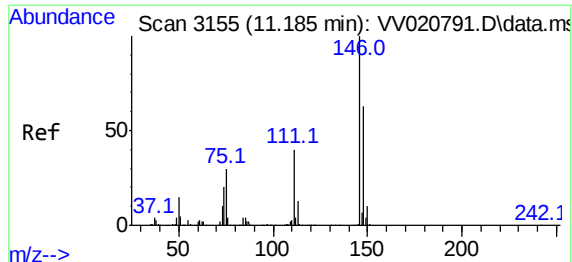
Tgt Ion: 43 Resp: 8428
Ion Ratio Lower Upper
43 100
58 39.3 45.8 68.8#
57 0.0 15.4 23.2#
100 2.6 10.2 15.4#



#61
Bromoform
Concen: 143.47 ug/L
RT: 9.741 min Scan# 2706
Delta R.T. 0.006 min
Lab File: VV020797.D
Acq: 29 Mar 2021 12:05

Tgt Ion: 173 Resp: 158
Ion Ratio Lower Upper
173 100
175 0.0 38.4 57.6#
254 0.0 8.5 12.7#



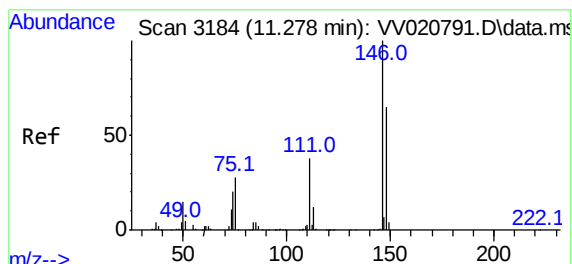
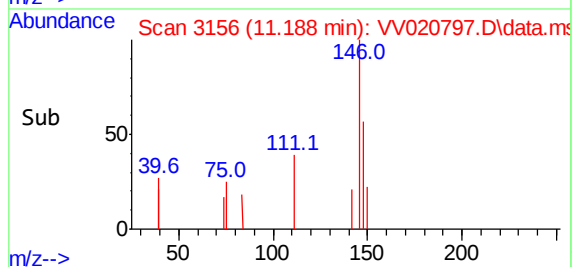
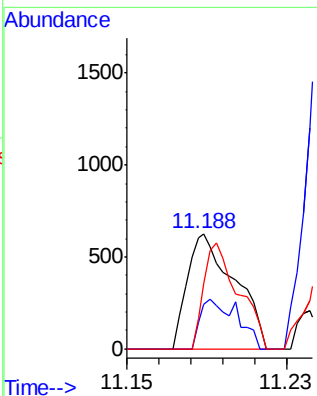
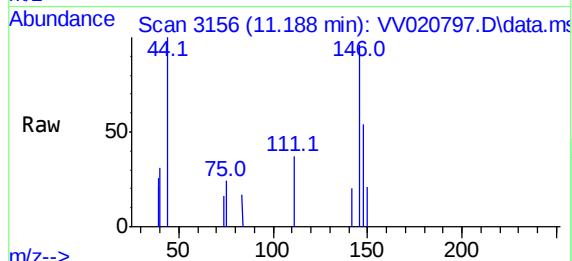


#62
 1,3-Dichlorobenzene
 Concen: 358.77 ug/L
 RT: 11.188 min Scan# 3156
 Delta R.T. 0.003 min
 Lab File: VV020797.D
 Acq: 29 Mar 2021 12:05

Instrument :
 MSVOA_V
 ClientSampled :
 BG3H8

Tgt Ion:146 Resp: 1062

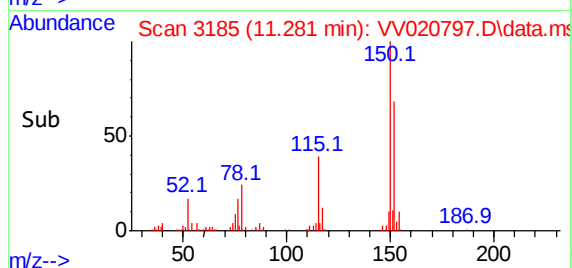
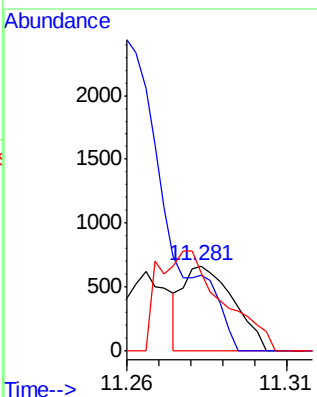
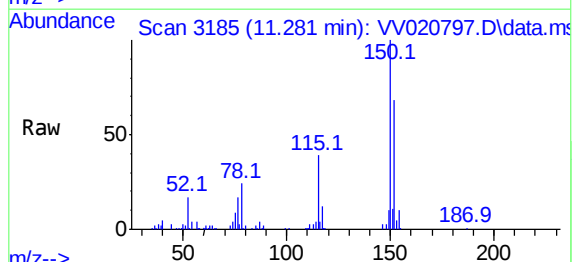
Ion	Ratio	Lower	Upper
146	100		
111	38.5	27.4	51.0
148	56.7	44.9	83.5

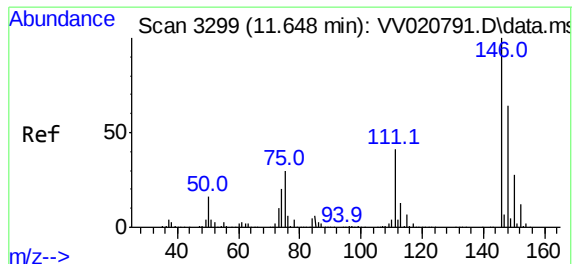


#63
 1,4-Dichlorobenzene
 Concen: 257.58 ug/L
 RT: 11.281 min Scan# 3185
 Delta R.T. 0.003 min
 Lab File: VV020797.D
 Acq: 29 Mar 2021 12:05

Tgt Ion:146 Resp: 793

Ion	Ratio	Lower	Upper
146	100		
111	89.3	26.0	48.4#
148	92.2	44.1	81.9#

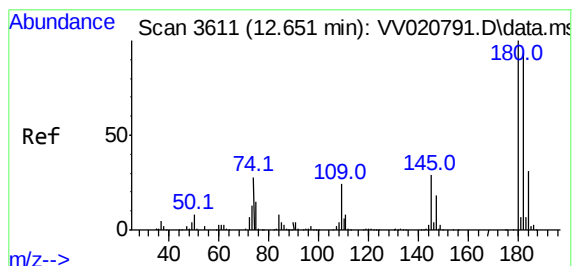
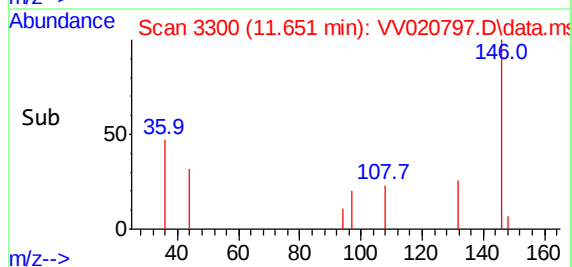
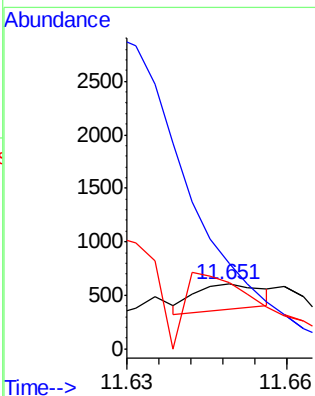
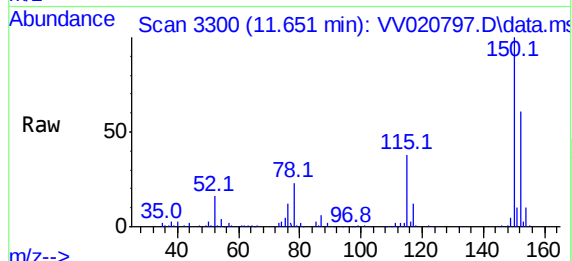




#65
1,2-Dichlorobenzene
Concen: 65.47 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020797.D
Acq: 29 Mar 2021 12:05

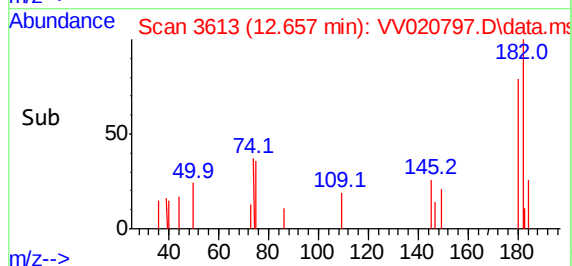
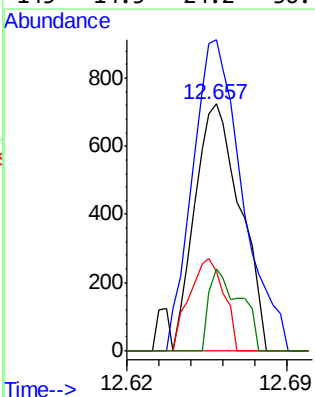
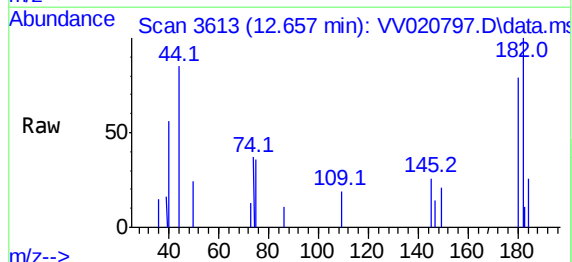
Instrument :
MSVOA_V
ClientSampled :
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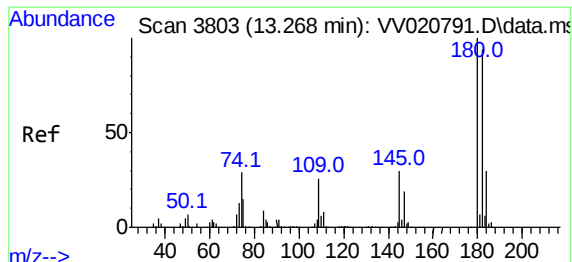
Tgt Ion:146 Resp: 191
Ion Ratio Lower Upper
146 100
111 133.4 34.1 51.1#
148 103.8 51.4 77.0#



#67
1,3,5-Trichlorobenzene
Concen: 447.58 ug/L
RT: 12.657 min Scan# 3613
Delta R.T. 0.006 min
Lab File: VV020797.D
Acq: 29 Mar 2021 12:05

Tgt Ion:180 Resp: 1027
Ion Ratio Lower Upper
180 100
182 138.0 76.3 114.5#
184 28.3 24.5 36.7
145 14.5 24.2 36.4#

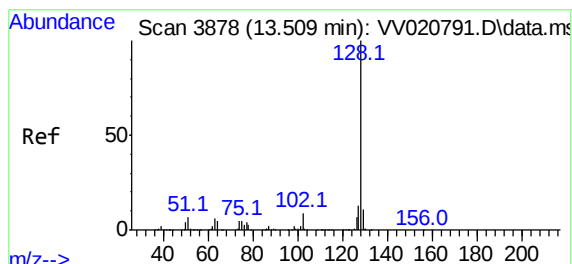
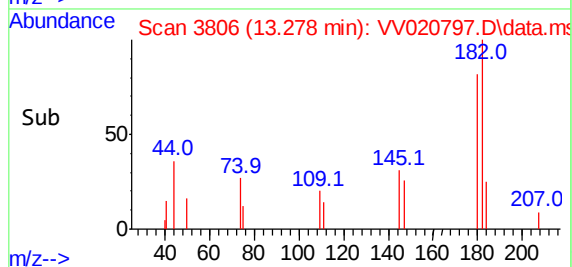
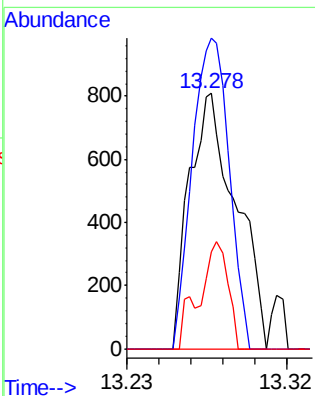
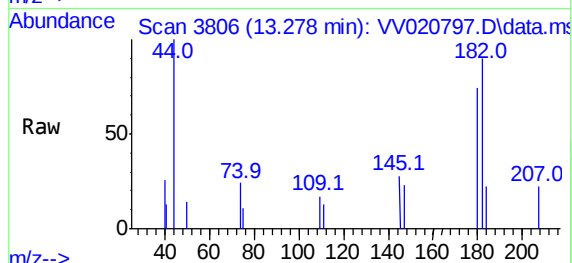




#68
1,2,4-trichlorobenzene
Concen: 794.15 ug/L
RT: 13.278 min Scan# 3806
Delta R.T. 0.010 min
Lab File: VV020797.D
Acq: 29 Mar 2021 12:05

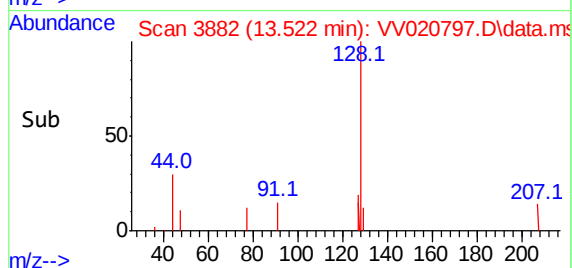
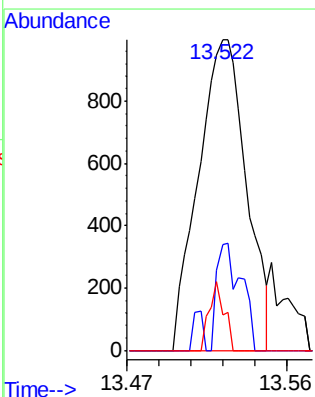
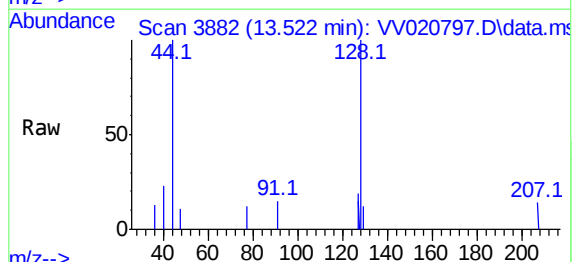
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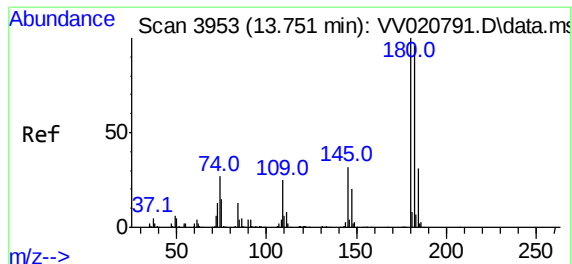
Tgt Ion:180 Resp: 1545
Ion Ratio Lower Upper
180 100
182 96.4 75.8 113.6
145 20.6 23.9 35.9#



#69
Naphthalene
Concen: 351.07 ug/L
RT: 13.522 min Scan# 3882
Delta R.T. 0.013 min
Lab File: VV020797.D
Acq: 29 Mar 2021 12:05

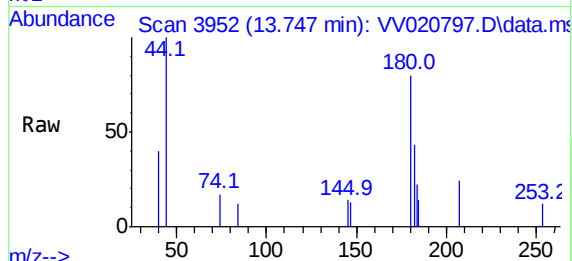
Tgt Ion:128 Resp: 1955
Ion Ratio Lower Upper
128 100
127 11.3 10.5 15.7
129 7.0 8.7 13.1#





#70
 1,2,3-Trichlorobenzene
 Concen: 266.91 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. -0.003 min
 Lab File: VV020797.D
 Acq: 29 Mar 2021 12:05

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3H8



Tgt Ion:180 Resp: 520
 Ion Ratio Lower Upper
 180 100
 182 202.1 75.2 112.8#
 145 83.5 25.5 38.3#

