

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020087.D
 Acq On : 20 Jan 2021 19:44
 Operator : SY/MD
 Sample : M1181-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E20

Quant Time: Jan 20 23:42:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 23:39:20 2021
 Response via : Initial Calibration

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

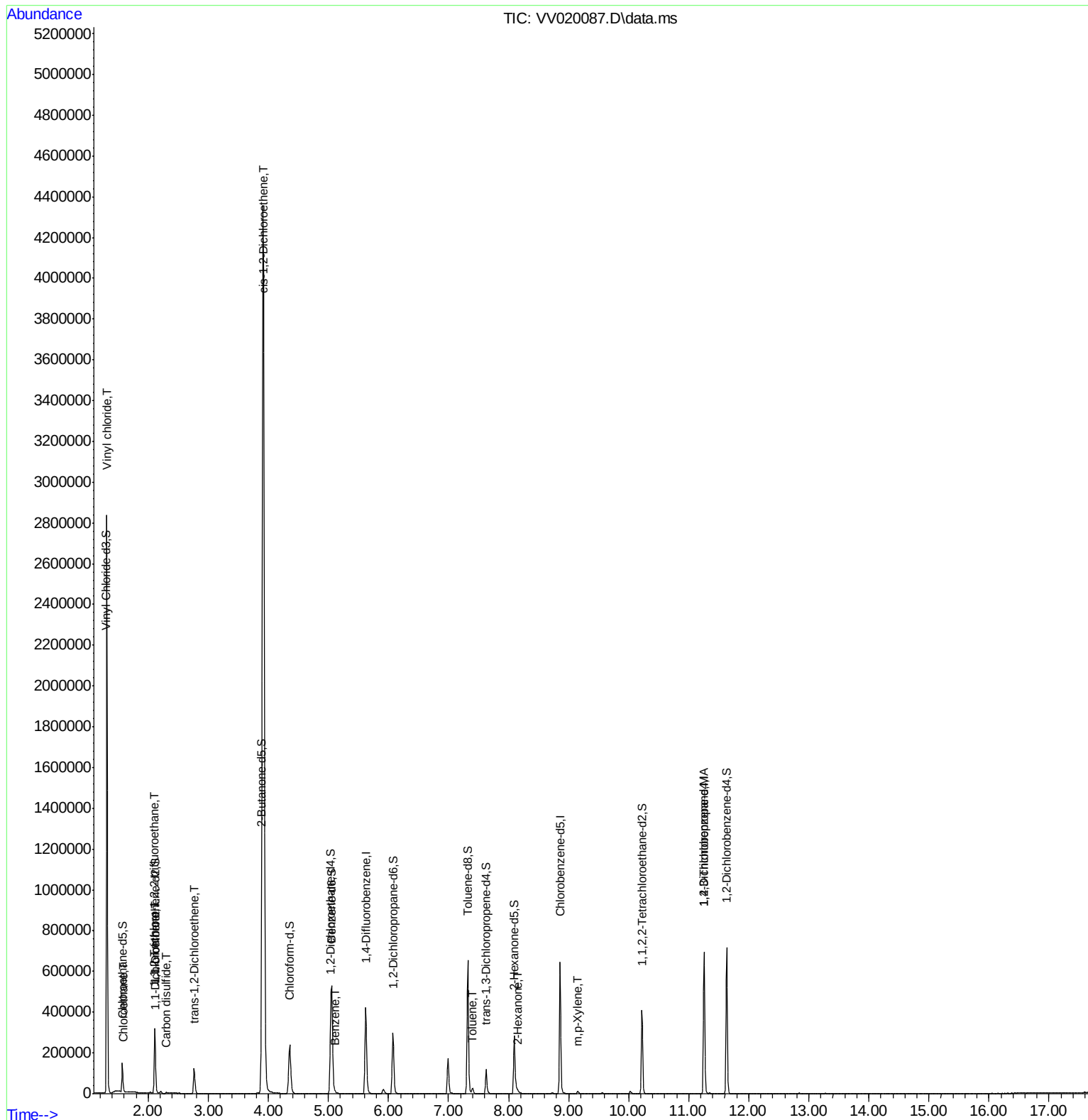
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	361172	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	350534	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	179583	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	123681	54.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	109.16%		
7) Chloroethane-d5	1.569	69	80962	46.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.70%		
11) 1,1-Dichloroethene-d2	2.110	63	164790	36.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.82%		
21) 2-Butanone-d5	3.888	46	144911	91.77	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.77%		
24) Chloroform-d	4.354	84	234904	46.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.84%		
26) 1,2-Dichloroethane-d4	5.036	65	162871	48.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.14%		
32) Benzene-d6	5.055	84	451458	48.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.42%		
36) 1,2-Dichloropropane-d6	6.074	67	135497	50.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.06%		
41) Toluene-d8	7.322	98	424486	48.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.32%		
43) trans-1,3-Dichloroprop...	7.624	79	67627	44.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.20%		
47) 2-Hexanone-d5	8.093	63	91877	82.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.15%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	180144	47.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.58%		
64) 1,2-Dichlorobenzene-d4	11.630	152	187570	53.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.72%		
Target Compounds						
5) Vinyl chloride	1.312	62	1574736	646.11	ug/L	100
8) Chloroethane	1.585	64	8109	5.63	ug/L #	82
10) 1,1,2-Trichloro-1,2,2-...	2.106	101	1610	0.74	ug/L #	23
12) 1,1-Dichloroethene	2.119	96	4418	2.18	ug/L #	1
14) Carbon disulfide	2.303	76	9784	1.49	ug/L	99
17) trans-1,2-Dichloroethene	2.765	96	46393	19.13	ug/L	90
20) cis-1,2-Dichloroethene	3.913	96	2455460	947.43	ug/L	89
33) Benzene	5.109	78	9225	0.97	ug/L	100
42) Toluene	7.399	91	19278	1.85	ug/L	95
48) 2-Hexanone	8.148	43	9580	3.78	ug/L #	55
53) m,p-Xylene	9.154	106	3698	0.80	ug/L	89
59) 1,2,3-Trichloropropane	11.257	75	20021	6.08	ug/L #	85

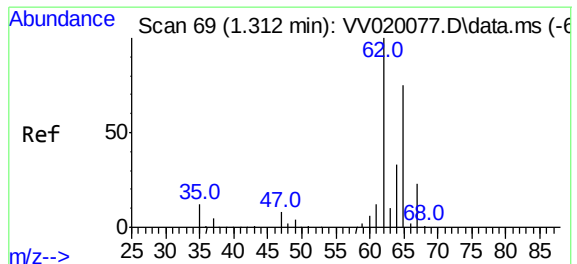
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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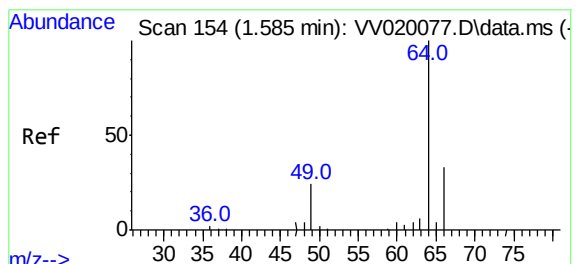
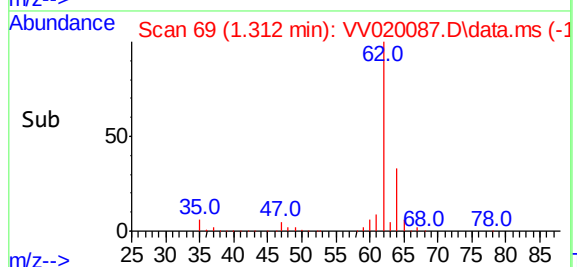
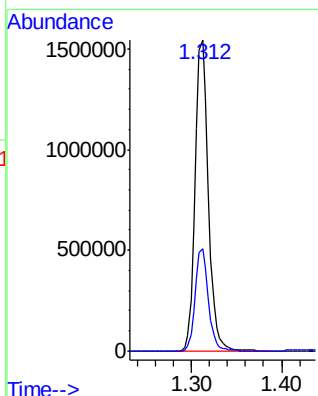
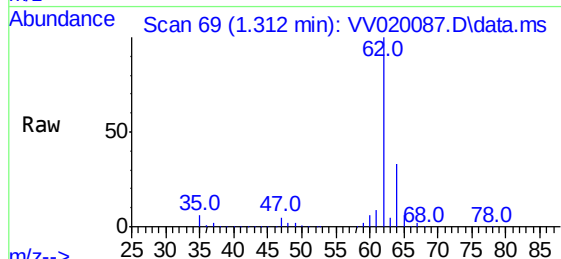




#5
 Vinyl chloride
 Concen: 646.11 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020087.D
 Acq: 20 Jan 2021 19:44

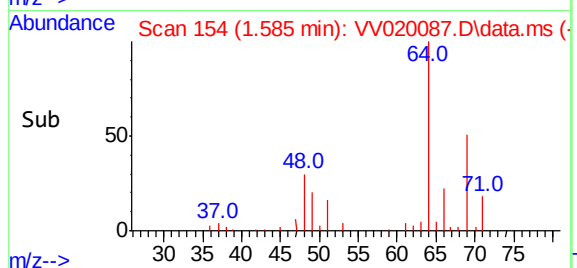
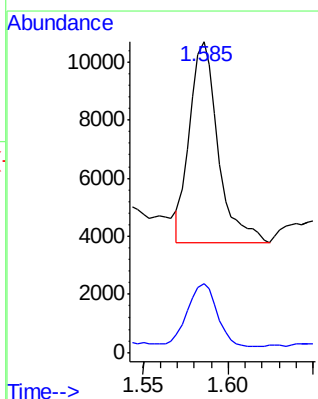
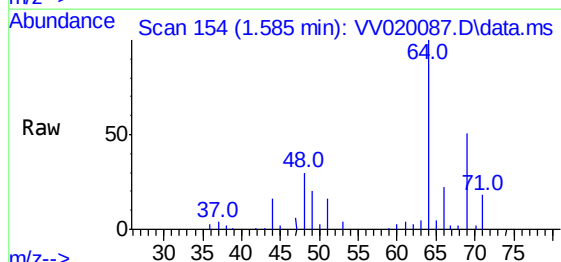
Instrument :
 MSVOA_V
 ClientSampled :
 F1E20

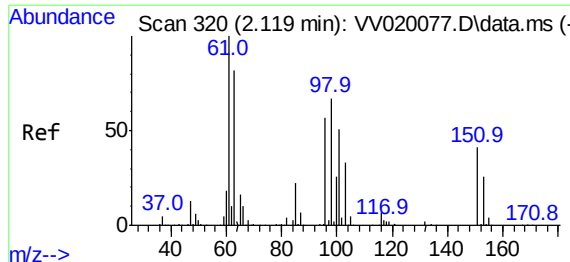
Tgt Ion: 62 Resp: 1574736
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.0 42.6



#8
 Chloroethane
 Concen: 5.63 ug/L
 RT: 1.585 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: VV020087.D
 Acq: 20 Jan 2021 19:44

Tgt Ion: 64 Resp: 8109
 Ion Ratio Lower Upper
 64 100
 66 22.1 22.4 41.6#

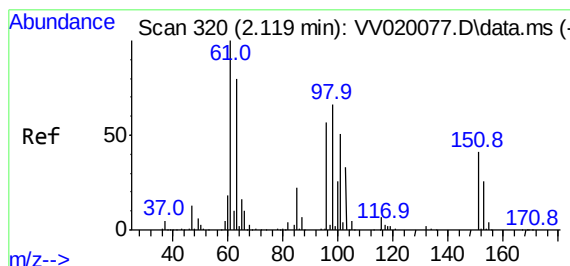
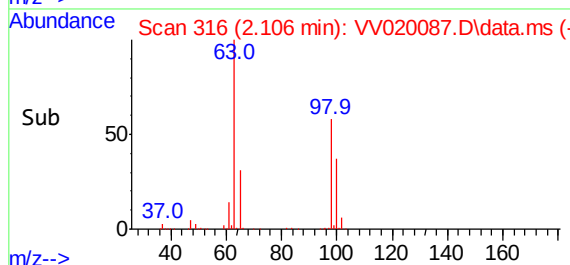
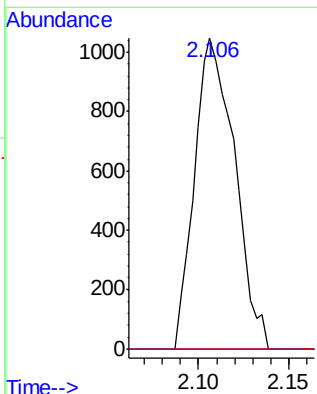
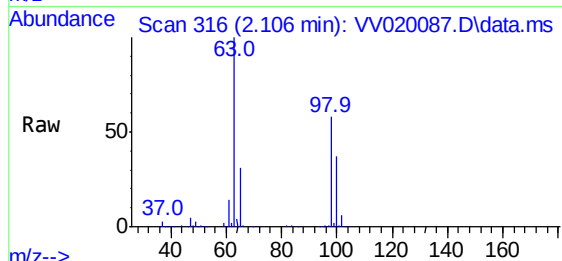




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.74 ug/L
 RT: 2.106 min Scan# 316
 Delta R.T. -0.013 min
 Lab File: VV020087.D
 Acq: 20 Jan 2021 19:44

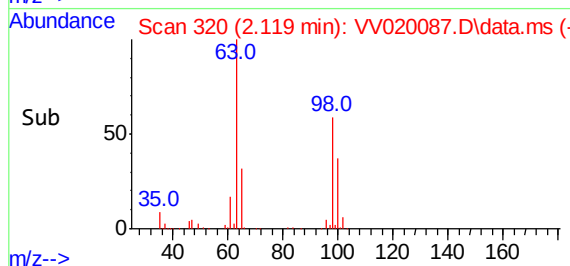
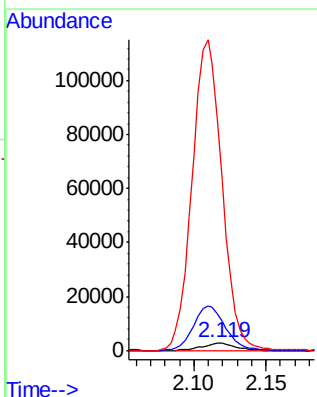
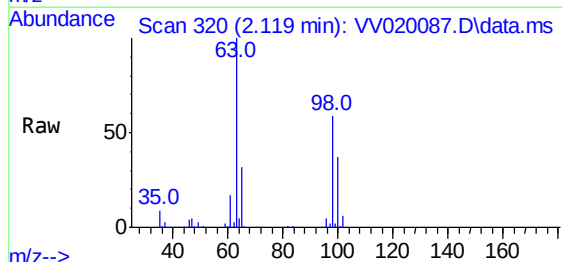
Instrument :
 MSVOA_V
 ClientSampled :
 F1E20

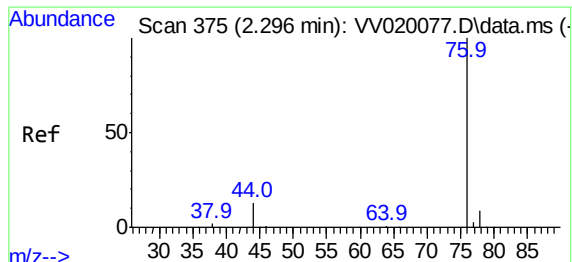
Tgt Ion:101 Resp: 1610
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 53.6 80.4#



#12
 1,1-Dichloroethene
 Concen: 2.18 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV020087.D
 Acq: 20 Jan 2021 19:44

Tgt Ion: 96 Resp: 4418
 Ion Ratio Lower Upper
 96 100
 61 373.4 134.9 250.5#
 63 2175.1 117.6 218.4#





#14

Carbon disulfide

Concen: 1.49 ug/L

RT: 2.303 min Scan# 377

Delta R.T. 0.007 min

Lab File: VV020087.D

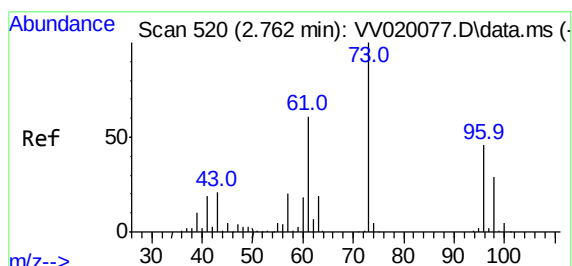
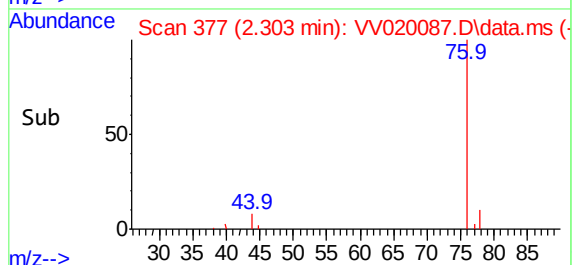
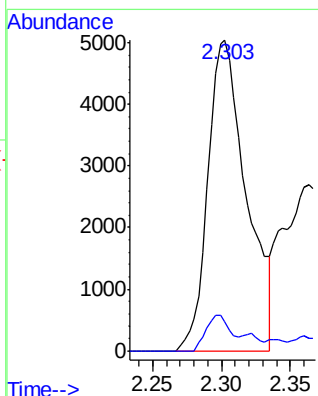
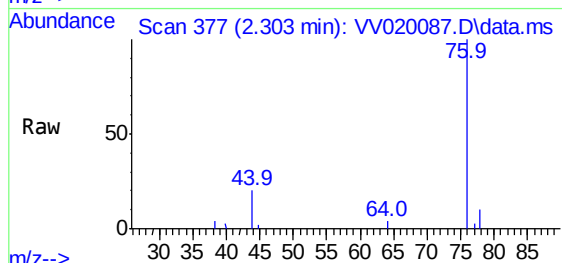
Acq: 20 Jan 2021 19:44

Tgt Ion: 76 Resp: 9784

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8



#17

trans-1,2-Dichloroethene

Concen: 19.13 ug/L

RT: 2.765 min Scan# 521

Delta R.T. 0.003 min

Lab File: VV020087.D

Acq: 20 Jan 2021 19:44

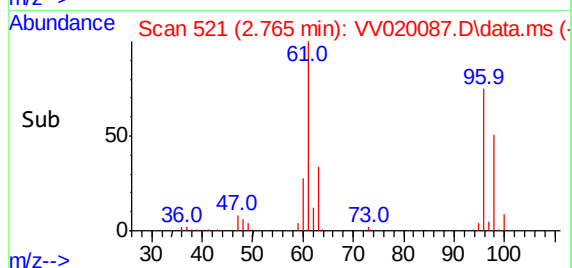
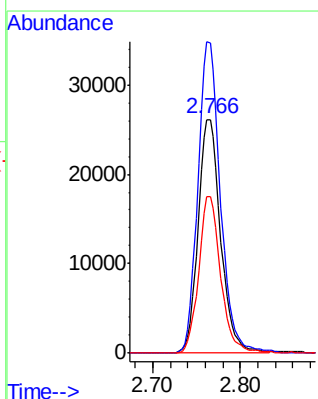
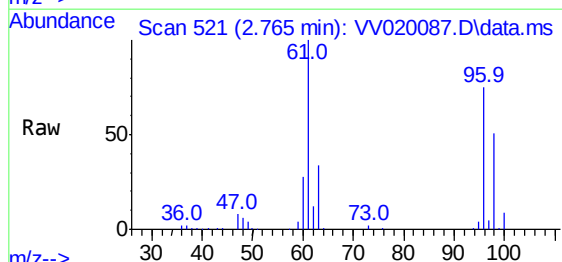
Tgt Ion: 96 Resp: 46393

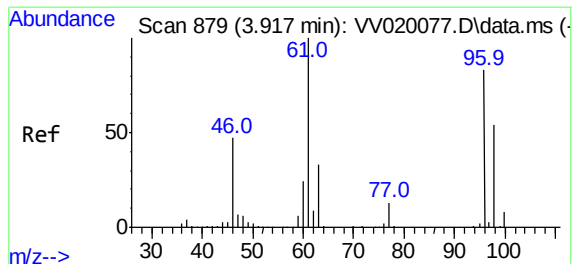
Ion Ratio Lower Upper

96 100

61 132.8 103.1 191.5

98 67.2 43.1 80.1

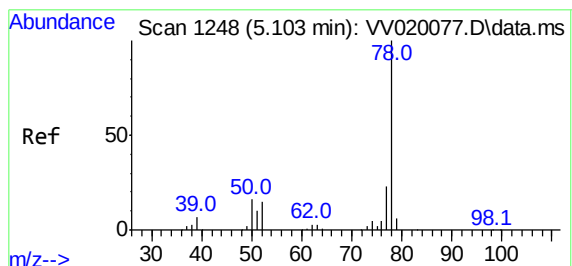
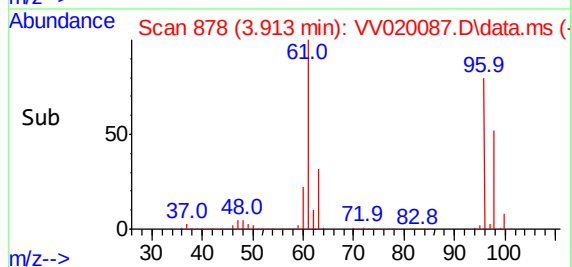
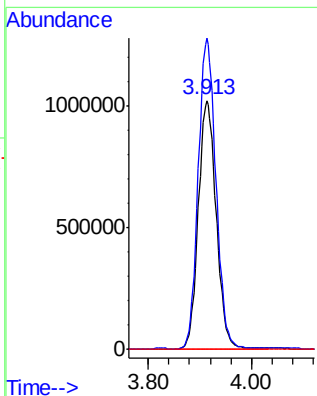
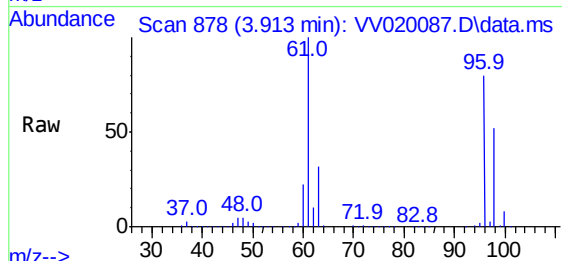




#20
cis-1,2-Dichloroethene
Concen: 947.43 ug/L
RT: 3.913 min Scan# 878
Delta R.T. -0.003 min
Lab File: VV020087.D
Acq: 20 Jan 2021 19:44

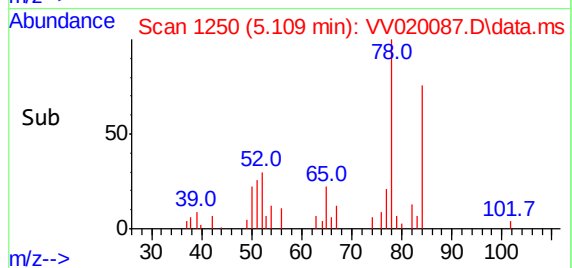
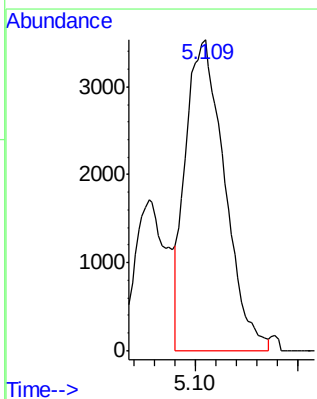
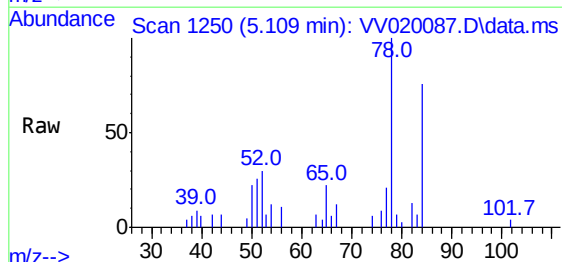
Instrument :
MSVOA_V
ClientSampleId :
F1E20

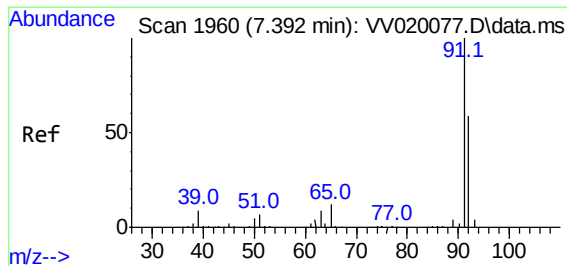
Tgt Ion: 96 Resp: 2455460
Ion Ratio Lower Upper
96 100
61 125.0 96.9 179.9
68 0.0 0.0 0.0



#33
Benzene
Concen: 0.97 ug/L
RT: 5.109 min Scan# 1250
Delta R.T. 0.007 min
Lab File: VV020087.D
Acq: 20 Jan 2021 19:44

Tgt Ion: 78 Resp: 9225

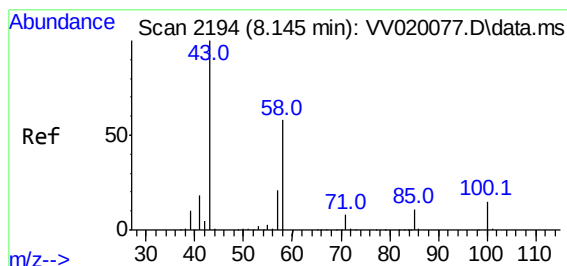
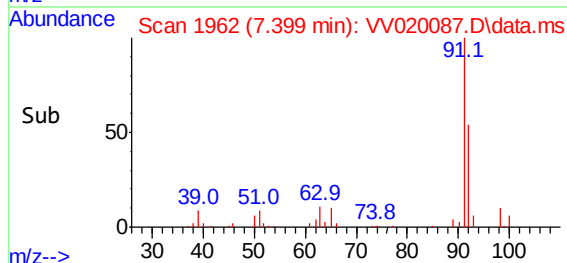
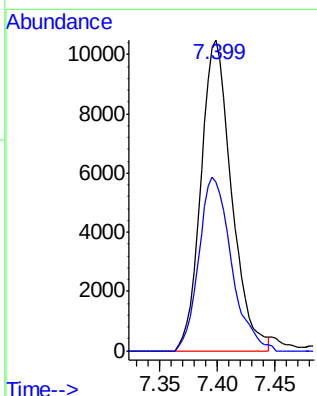
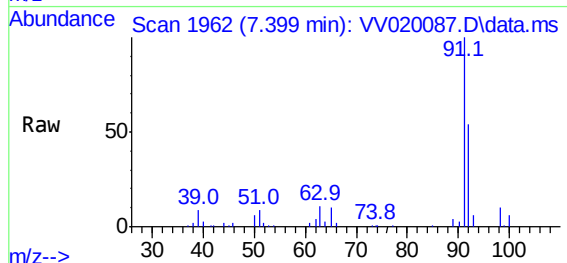




#42
Toluene
Concen: 1.85 ug/L
RT: 7.399 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VV020087.D
Acq: 20 Jan 2021 19:44

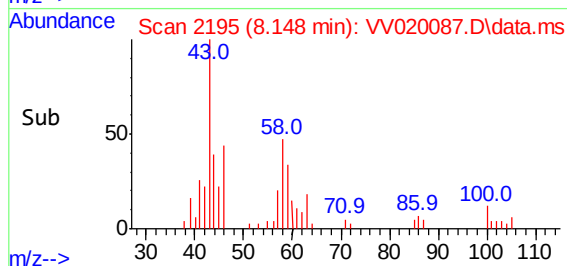
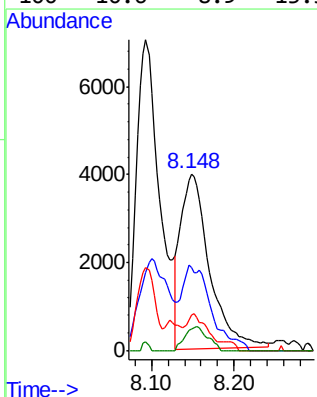
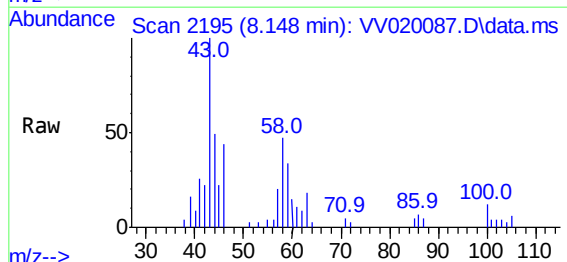
Instrument :
MSVOA_V
ClientSampled :
F1E20

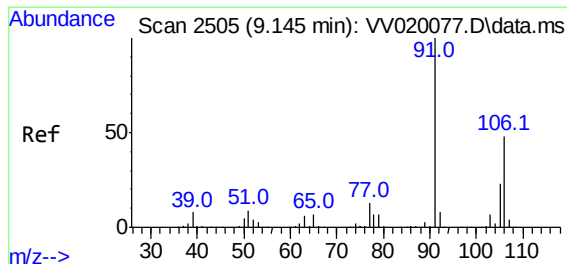
Tgt Ion: 91 Resp: 19278
Ion Ratio Lower Upper
91 100
92 54.5 40.7 75.7



#48
2-Hexanone
Concen: 3.78 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VV020087.D
Acq: 20 Jan 2021 19:44

Tgt Ion: 43 Resp: 9580
Ion Ratio Lower Upper
43 100
58 6.9 41.8 62.6#
57 10.5 15.0 22.4#
100 10.6 8.9 13.3





#53

m,p-Xylene

Concen: 0.80 ug/L

RT: 9.154 min Scan# 2508

Delta R.T. 0.010 min

Lab File: VV020087.D

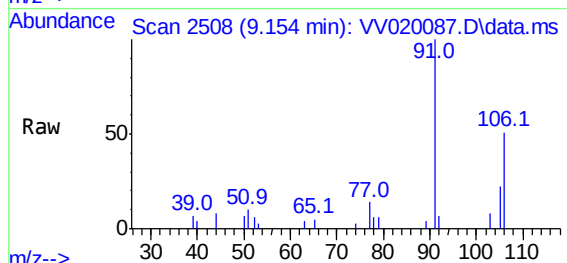
Acq: 20 Jan 2021 19:44

Tgt Ion: 106 Resp: 3698

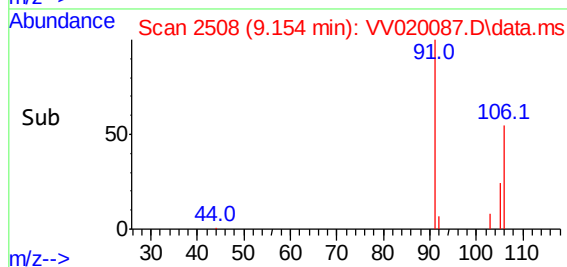
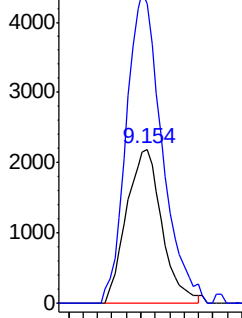
Ion Ratio Lower Upper

106 100

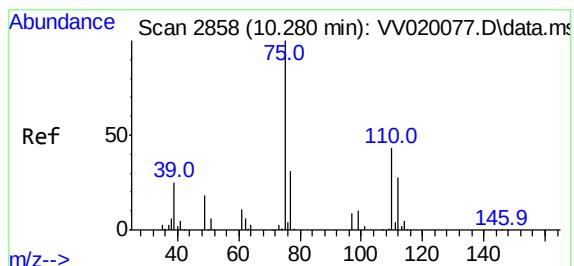
91 195.0 148.1 275.0



Abundance



Time-->



#59

1,2,3-Trichloropropane

Concen: 6.08 ug/L

RT: 11.257 min Scan# 3162

Delta R.T. 0.978 min

Lab File: VV020087.D

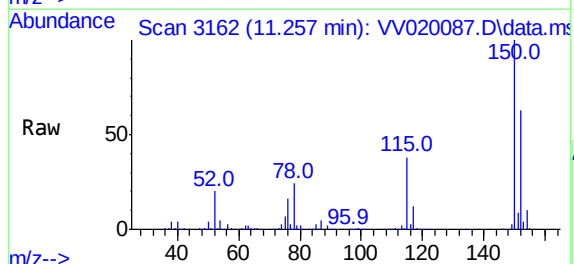
Acq: 20 Jan 2021 19:44

Tgt Ion: 75 Resp: 20021

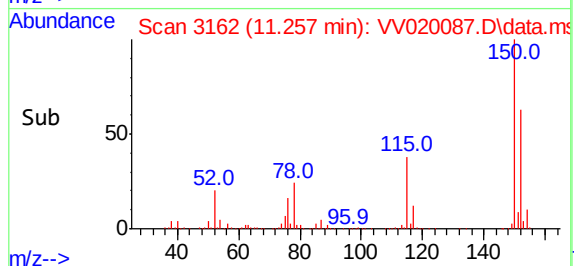
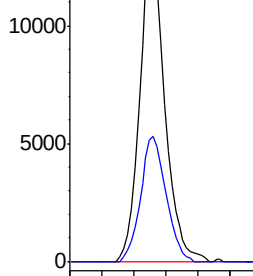
Ion Ratio Lower Upper

75 100

77 40.3 25.4 38.0#



Abundance



Time-->