

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070921\
 Data File : VW019405.D
 Acq On : 09 Jul 2021 18:26
 Operator : SY/VA
 Sample : M2970-01
 Misc : 5.31G/10ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 10 01:03:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 10 00:58:28 2021
 Response via : Initial Calibration

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

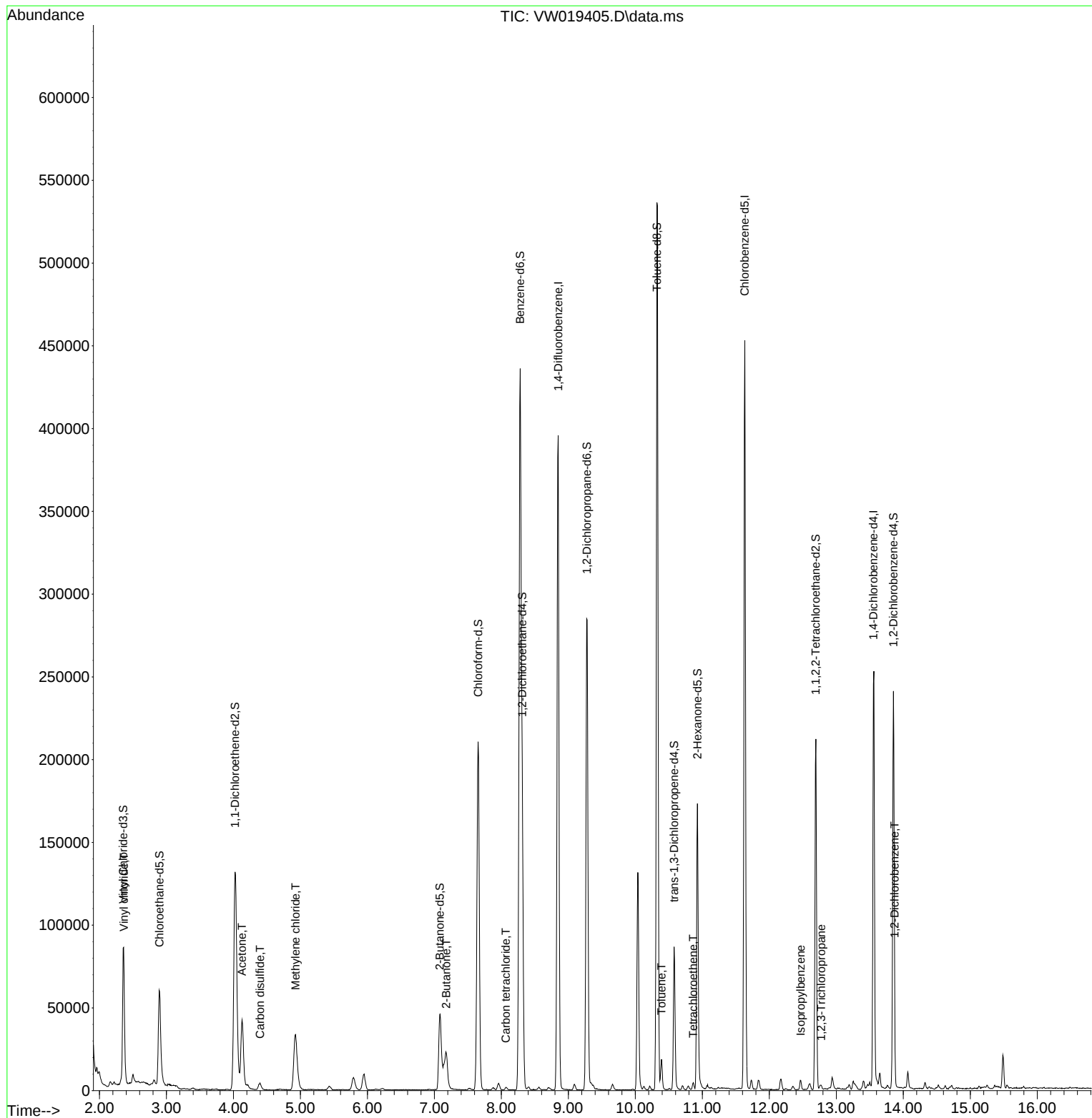
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	326479	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	251011	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	65682	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	96942	20.957	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.840%		
7) Chloroethane-d5	2.897	69	80271	24.334	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.320%		
11) 1,1-Dichloroethene-d2	4.025	63	152644	17.102	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.400%		
21) 2-Butanone-d5	7.079	46	80644	60.065	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	120.140%		
24) Chloroform-d	7.652	84	220949	24.493	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.960%		
26) 1,2-Dichloroethane-d4	8.311	65	128901	26.038	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	104.160%		
32) Benzene-d6	8.280	84	444315	29.736	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	118.960%		
36) 1,2-Dichloropropane-d6	9.274	67	141104	30.299	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	121.200%#		
41) Toluene-d8	10.323	98	356502	26.464	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	105.840%		
43) trans-1,3-Dichloroprop...	10.579	79	48705	24.421	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.680%		
47) 2-Hexanone-d5	10.926	63	59203	68.522	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	137.040%#		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	108847	28.925	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	115.720%		
66) 1,2-Dichlorobenzene-d4	13.853	152	62959	27.168	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	108.680%		
Target Compounds						Qvalue
5) Vinyl chloride	2.367	62	1646	0.300	ug/L #	1
13) Acetone	4.129	43	74574	75.381	ug/L	89
14) Carbon disulfide	4.397	76	8784	0.644	ug/L	97
16) Methylene chloride	4.927	84	30302	4.656	ug/L	94
22) 2-Butanone	7.177	43	31546	20.608	ug/L	95
31) Carbon tetrachloride	8.067	117	1179	0.245	ug/L	99
42) Toluene	10.390	91	12819	0.783	ug/L	91
46) Tetrachloroethene	10.865	164	970	0.317	ug/L	87
60) Isopropylbenzene	12.469	105	2917	0.330	ug/L #	89
61) 1,2,3-Trichloropropane	12.773	75	803	0.558	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	1302	0.358	ug/L #	85

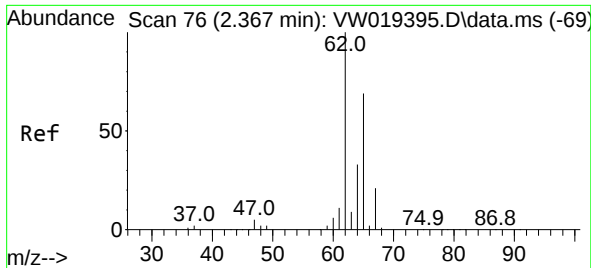
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Jul 10 01:03:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jul 10 00:58:28 2021
Response via : Initial Calibration

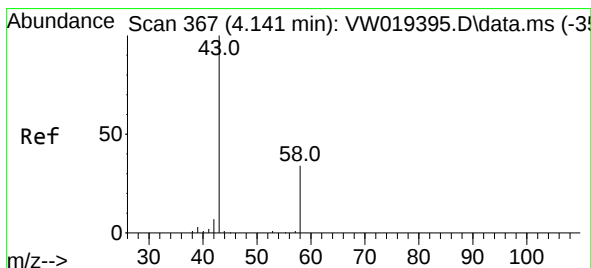
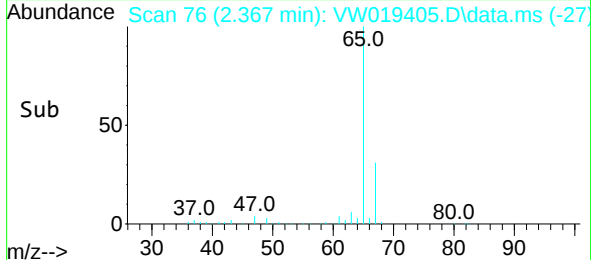
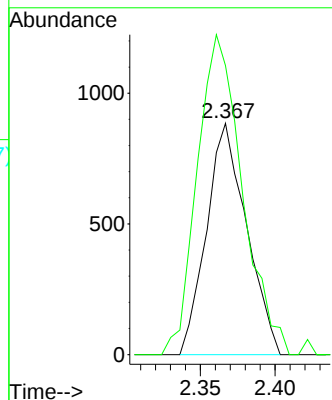
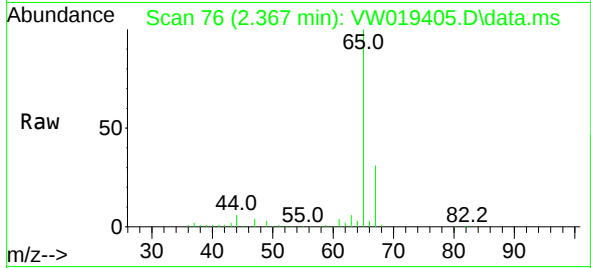




#5
 Vinyl chloride
 Concen: 0.300 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW019405.D
 Acq: 09 Jul 2021 18:26

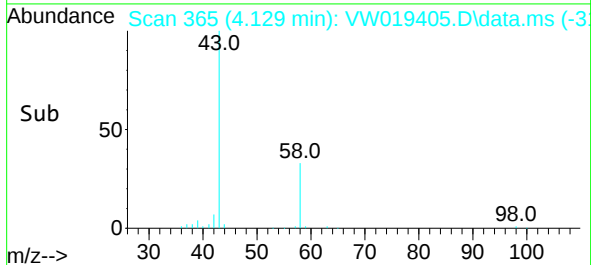
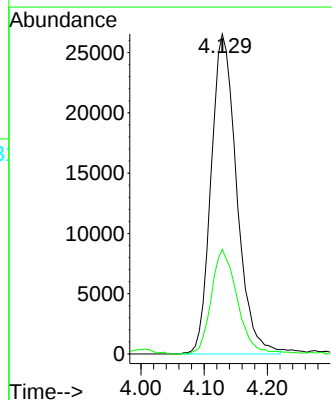
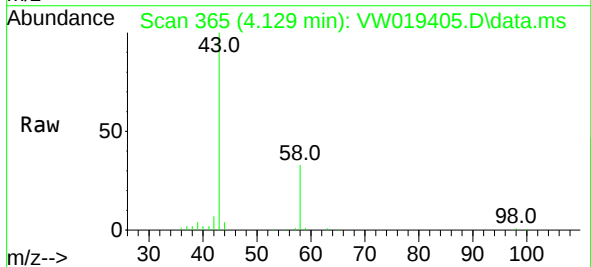
Instrument :
 MSVOA_W
 ClientSampled :

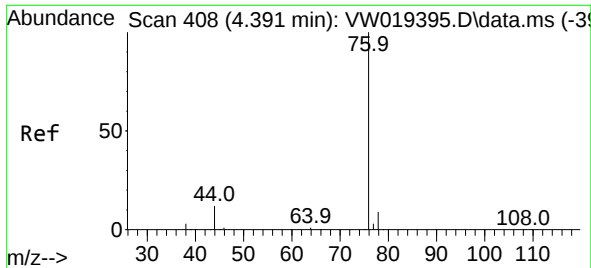
Tgt Ion: 62 Resp: 1646
 Ion Ratio Lower Upper
 62 100
 64 125.0 24.2 45.0#



#13
 Acetone
 Concen: 75.381 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. -0.013 min
 Lab File: VW019405.D
 Acq: 09 Jul 2021 18:26

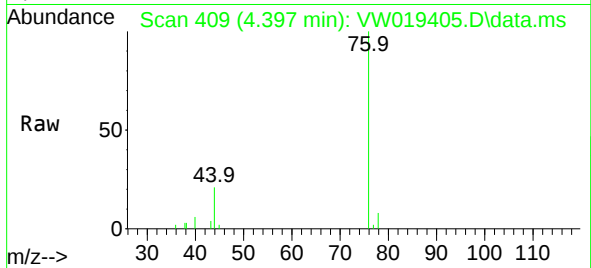
Tgt Ion: 43 Resp: 74574
 Ion Ratio Lower Upper
 43 100
 58 32.6 0.0 53.8



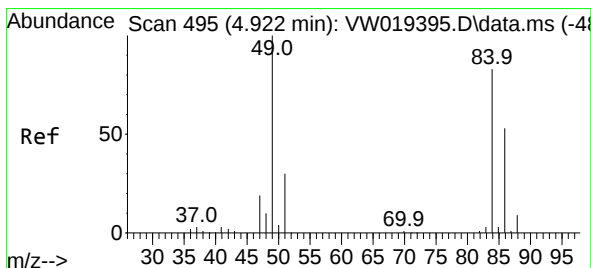
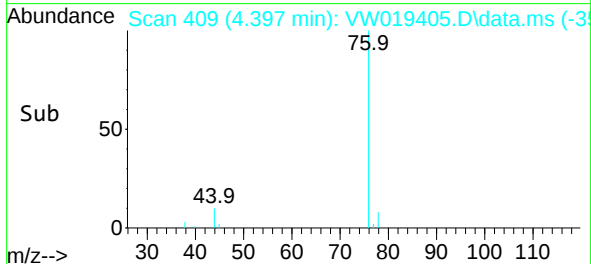
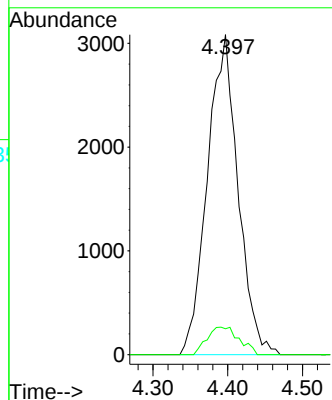


#14
Carbon disulfide
Concen: 0.644 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW019405.D
Acq: 09 Jul 2021 18:26

Instrument :
MSVOA_W
ClientSampled :

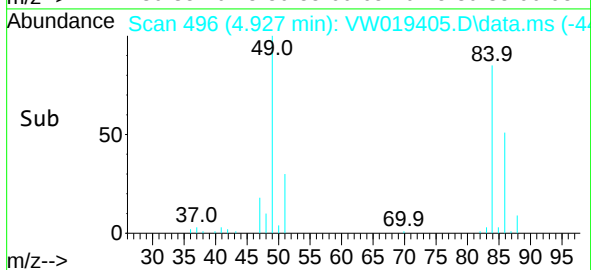
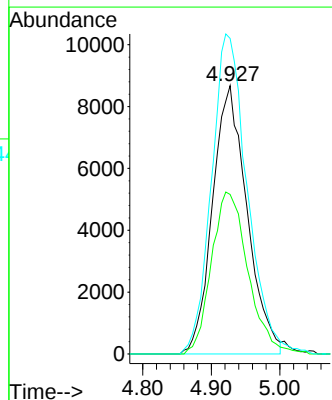
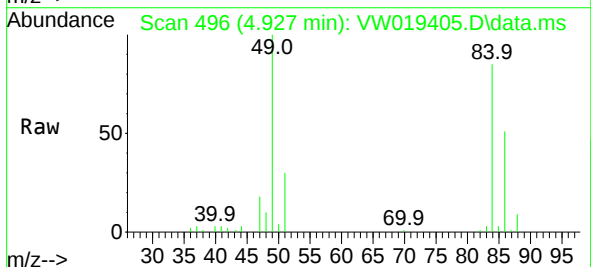


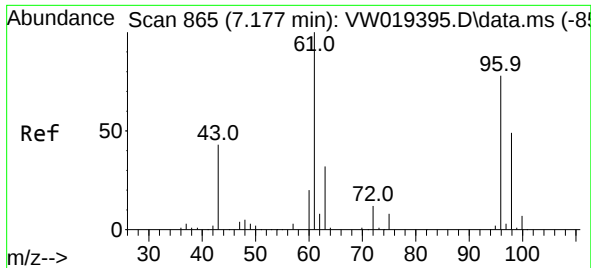
Tgt Ion: 76 Resp: 8784
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0



#16
Methylene chloride
Concen: 4.656 ug/L
RT: 4.927 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019405.D
Acq: 09 Jul 2021 18:26

Tgt Ion: 84 Resp: 30302
Ion Ratio Lower Upper
84 100
86 59.5 45.3 84.1
49 117.6 86.6 160.8

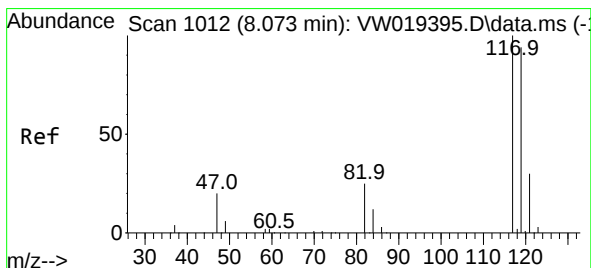
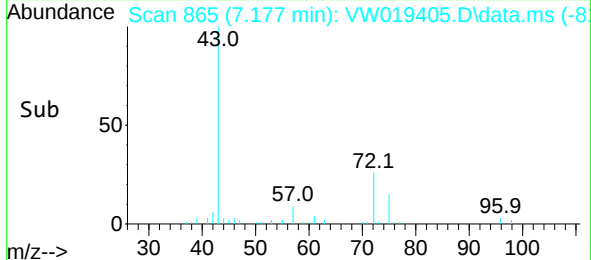
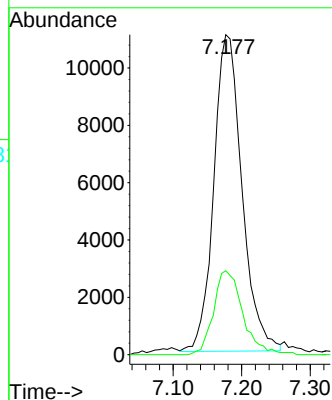
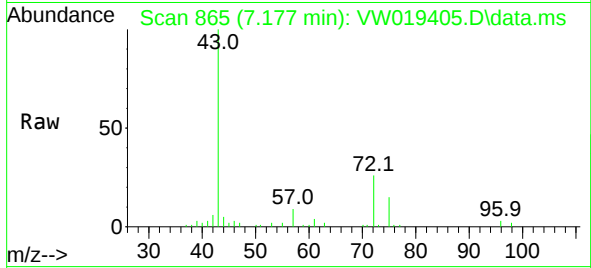




#22
2-Butanone
Concen: 20.608 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW019405.D
Acq: 09 Jul 2021 18:26

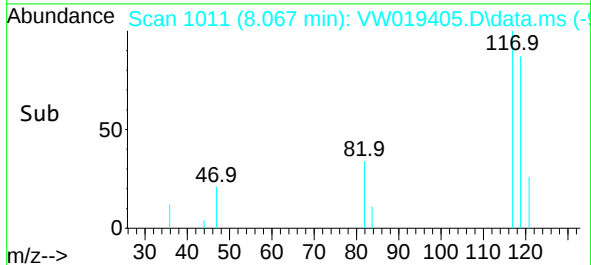
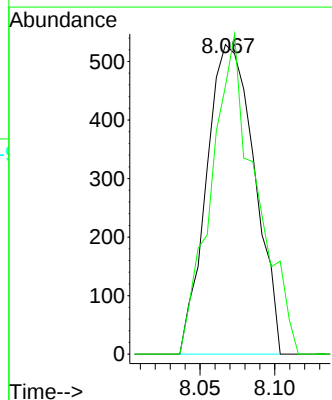
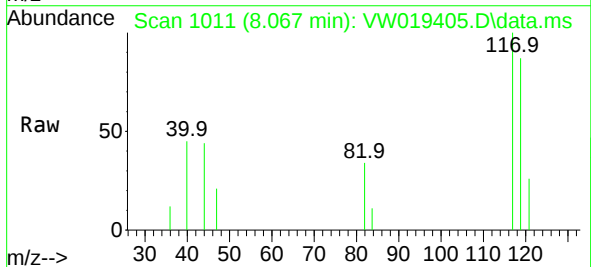
Instrument :
MSVOA_W
ClientSampled :

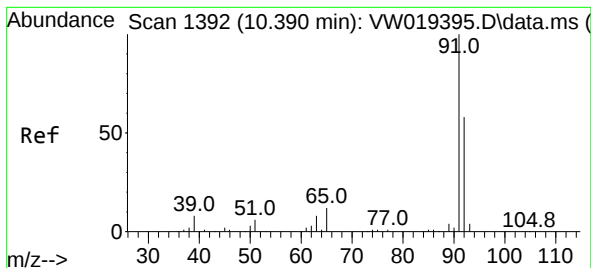
Tgt Ion: 43 Resp: 31546
Ion Ratio Lower Upper
43 100
72 27.3 14.9 44.7



#31
Carbon tetrachloride
Concen: 0.245 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW019405.D
Acq: 09 Jul 2021 18:26

Tgt Ion: 117 Resp: 1179
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7





#42

Toluene

Concen: 0.783 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW019405.D

Acq: 09 Jul 2021 18:26

Tgt Ion: 91 Resp: 12819

Ion Ratio Lower Upper

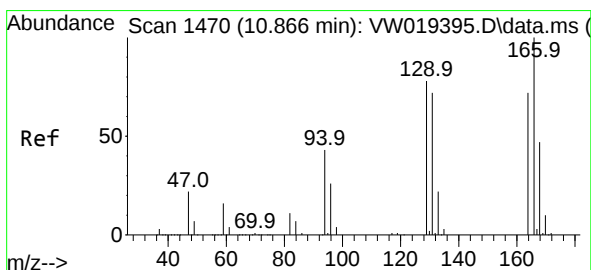
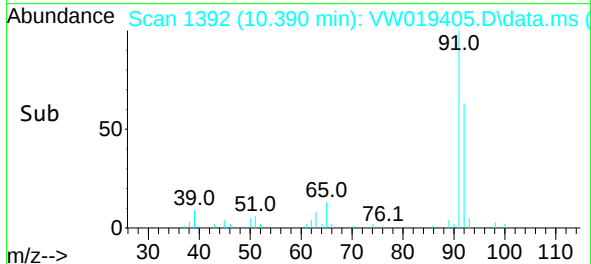
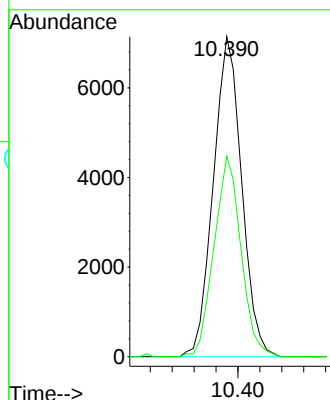
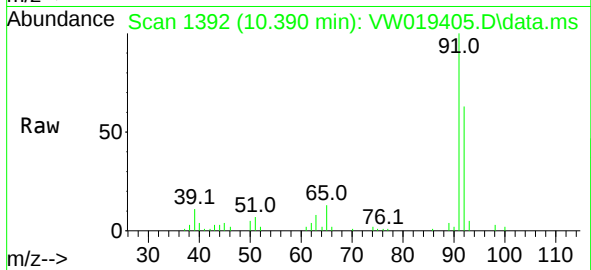
91 100

92 62.7 39.5 73.3

Instrument :

MSVOA_W

ClientSampled :



#46

Tetrachloroethene

Concen: 0.317 ug/L

RT: 10.865 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VW019405.D

Acq: 09 Jul 2021 18:26

Tgt Ion: 164 Resp: 970

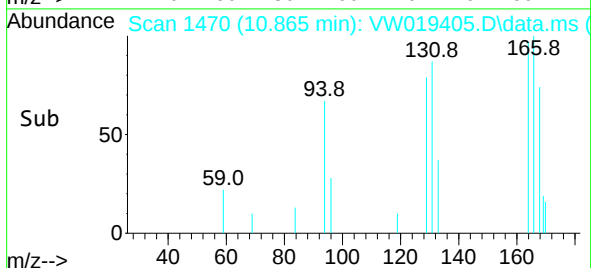
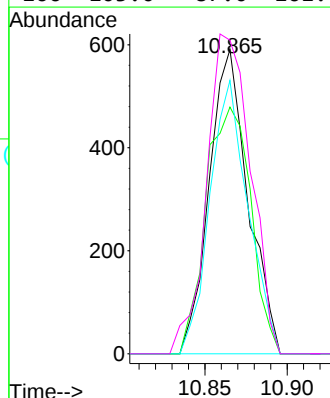
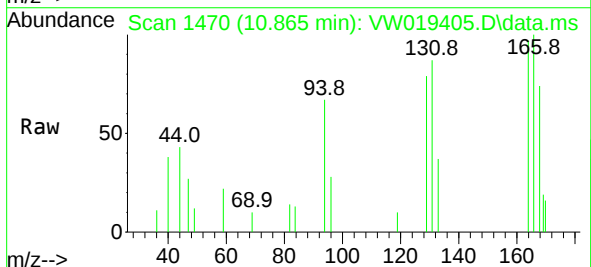
Ion Ratio Lower Upper

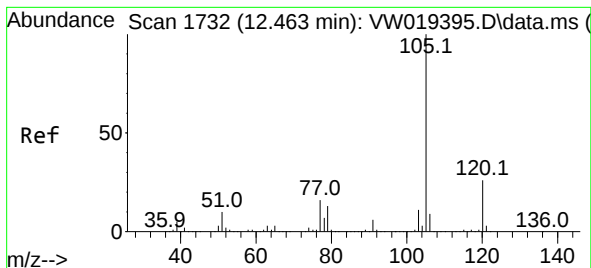
164 100

129 81.0 66.7 123.9

131 89.8 61.1 113.5

166 103.0 87.0 161.6

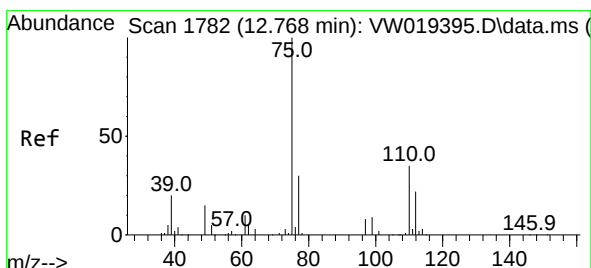
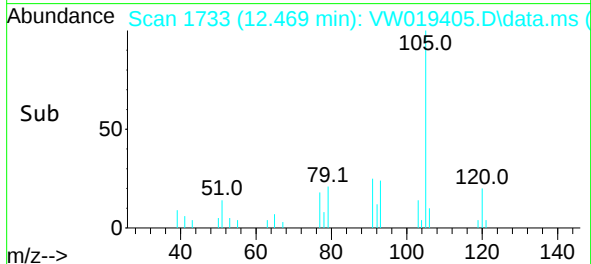
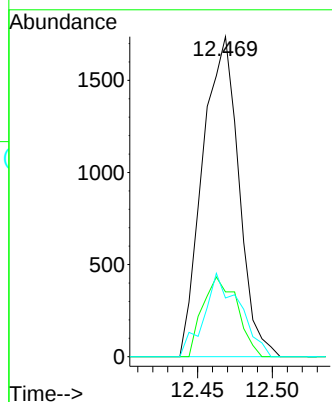
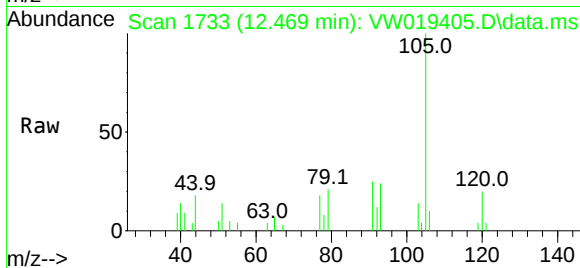




#60
Isopropylbenzene
Concen: 0.330 ug/L
RT: 12.469 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VW019405.D
Acq: 09 Jul 2021 18:26

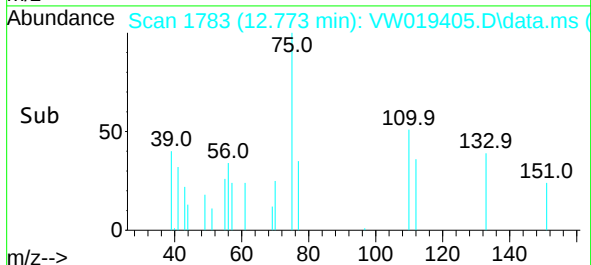
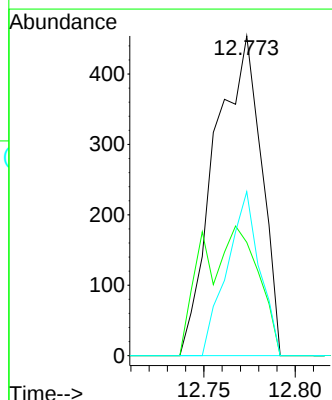
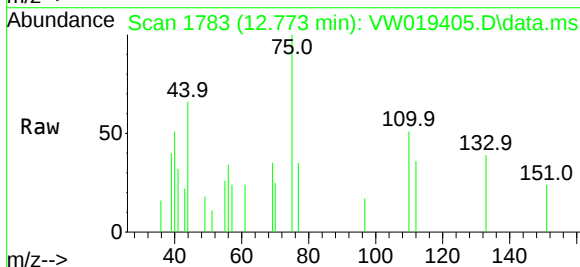
Instrument :
MSVOA_W
ClientSampled :

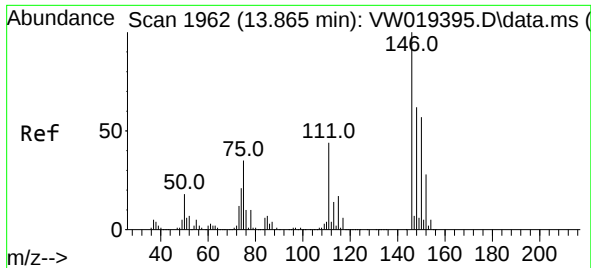
Tgt Ion:	105	Resp:	2917
Ion	Ratio	Lower	Upper
105	100		
120	23.8	21.1	31.7
77	25.8	13.2	19.8#



#61
1,2,3-Trichloropropane
Concen: 0.558 ug/L
RT: 12.773 min Scan# 1783
Delta R.T. 0.006 min
Lab File: VW019405.D
Acq: 09 Jul 2021 18:26

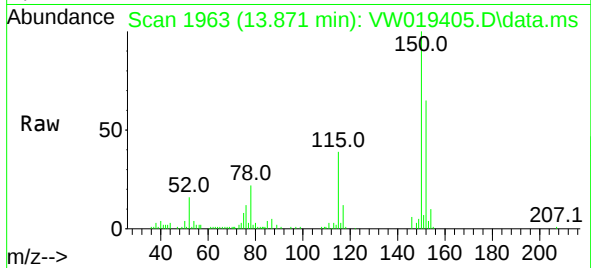
Tgt Ion:	75	Resp:	803
Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.3	37.9
110	36.1	32.6	48.8





#67
 1,2-Dichlorobenzene
 Concen: 0.358 ug/L
 RT: 13.871 min Scan# 1963
 Delta R.T. 0.006 min
 Lab File: VW019405.D
 Acq: 09 Jul 2021 18:26

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	146	Resp:	1302
Ion	Ratio	Lower	Upper
146	100		
111	50.1	33.2	49.8#
148	51.0	50.4	75.6

