

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070921\
 Data File : VW019403.D
 Acq On : 09 Jul 2021 17:38
 Operator : SY/VA
 Sample : M2959-07
 Misc : 5.90G/10ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 10 01:03:03 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)

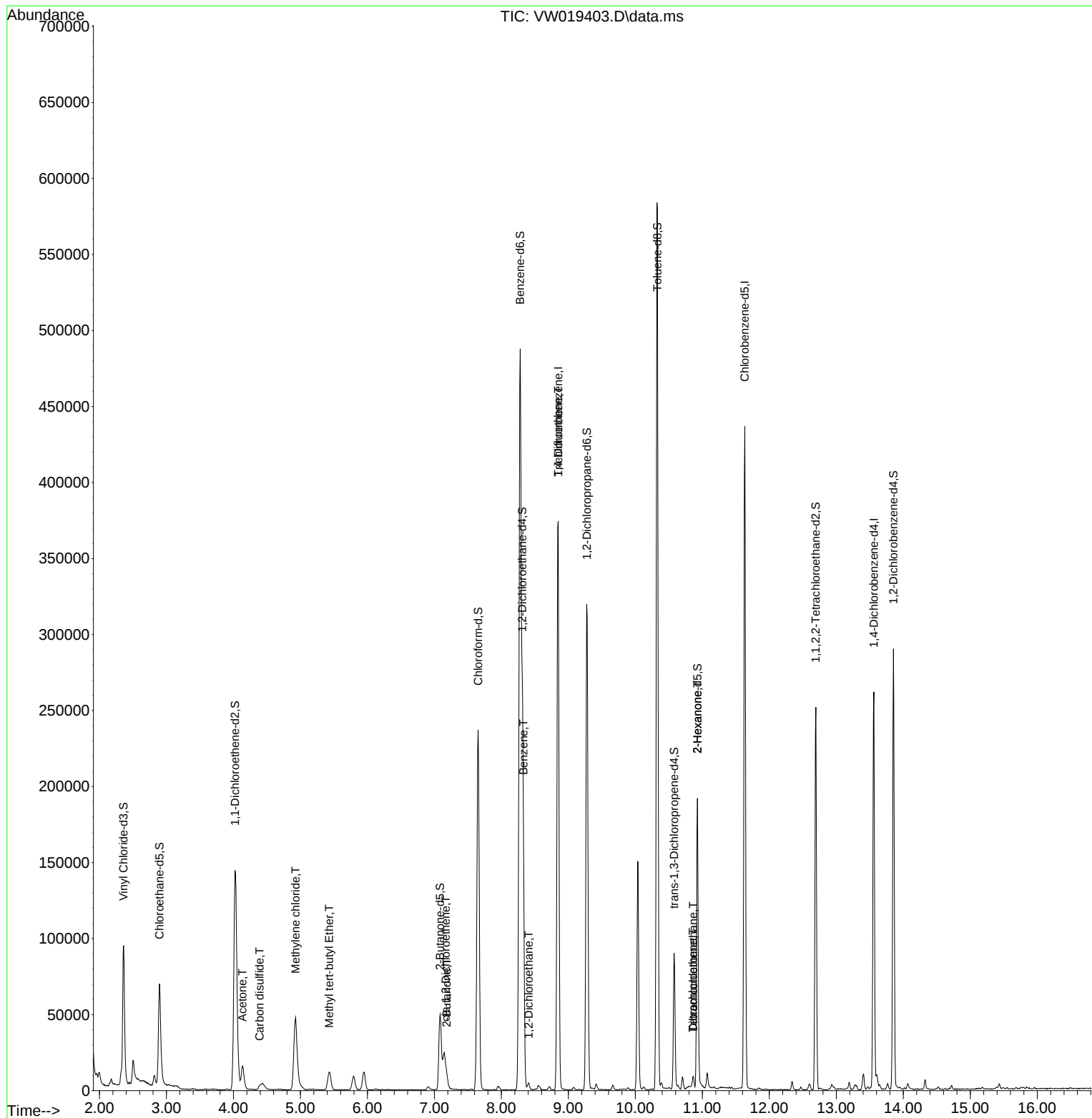
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	317897	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	242004	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	68319	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	110343	24.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.000%
7) Chloroethane-d5	2.897	69	90716	28.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.960%
11) 1,1-Dichloroethene-d2	4.025	63	168823	19.425	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.720%
21) 2-Butanone-d5	7.086	46	87928	67.259	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.520%
24) Chloroform-d	7.653	84	247694	28.199	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.800%
26) 1,2-Dichloroethane-d4	8.311	65	142450	29.552	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.200%
32) Benzene-d6	8.281	84	501828	34.836	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	139.360%#
36) 1,2-Dichloropropane-d6	9.274	67	159041	35.422	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.680%#
41) Toluene-d8	10.329	98	395294	30.435	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.760%
43) trans-1,3-Dichloroprop...	10.579	79	51393	26.728	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.920%
47) 2-Hexanone-d5	10.926	63	65147	78.208	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.420%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	129093	35.582	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	142.320%#
66) 1,2-Dichlorobenzene-d4	13.853	152	74272	30.812	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	123.240%#
Target Compounds					Qvalue	
13) Acetone	4.135	43	28404	29.486	ug/L	87
14) Carbon disulfide	4.391	76	5605	0.422	ug/L	98
16) Methylene chloride	4.928	84	42257	6.668	ug/L	93
18) Methyl tert-butyl Ether	5.427	73	18662	2.993	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	2379	0.498	ug/L	86
22) 2-Butanone	7.183	43	9970	6.689	ug/L	90
27) 1,2-Dichloroethane	8.409	62	4095	0.743	ug/L	98
33) Benzene	8.329	78	115015	7.593	ug/L	100
34) Trichloroethene	8.848	95	9286	2.402	ug/L #	5
46) Tetrachloroethene	10.859	164	1679	0.570	ug/L	93
48) 2-Hexanone	10.926	43	7950	4.818	ug/L #	67
49) Dibromochloromethane	10.865	129	1658	0.540	ug/L #	13

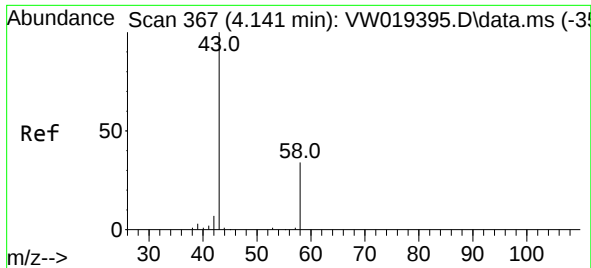
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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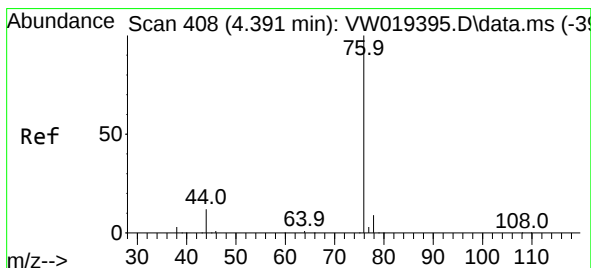
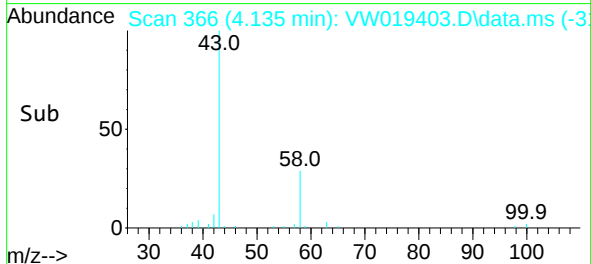
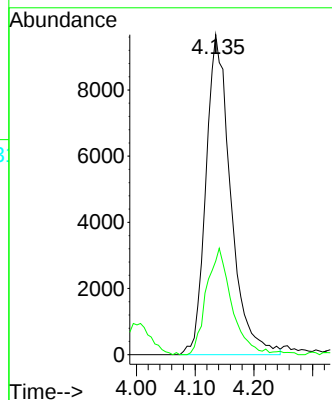
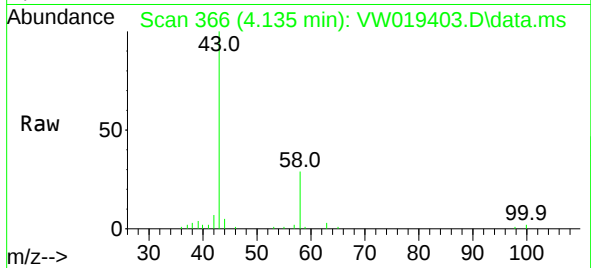




#13
Acetone
Concen: 29.486 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019403.D
Acq: 09 Jul 2021 17:38

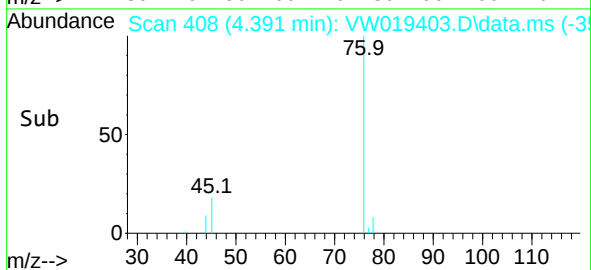
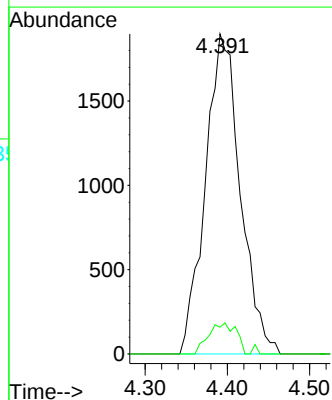
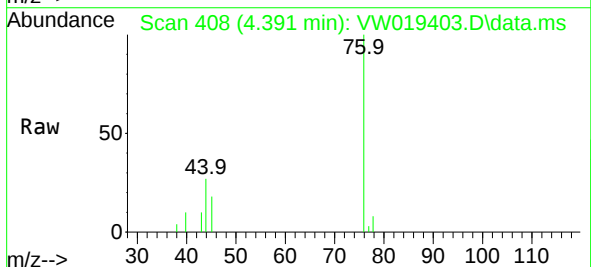
Instrument :
MSVOA_W
ClientSampled :

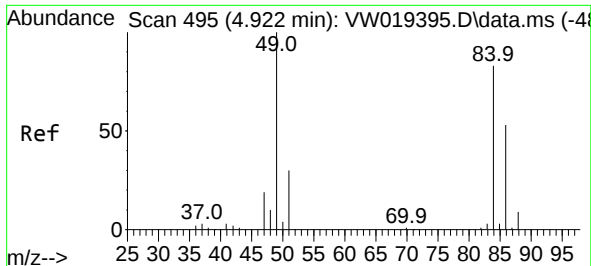
Tgt Ion: 43 Resp: 28404
Ion Ratio Lower Upper
43 100
58 33.4 0.0 53.8



#14
Carbon disulfide
Concen: 0.422 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW019403.D
Acq: 09 Jul 2021 17:38

Tgt Ion: 76 Resp: 5605
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

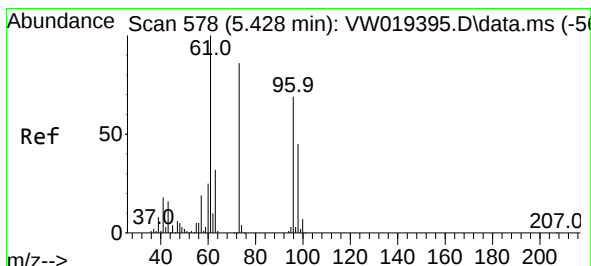
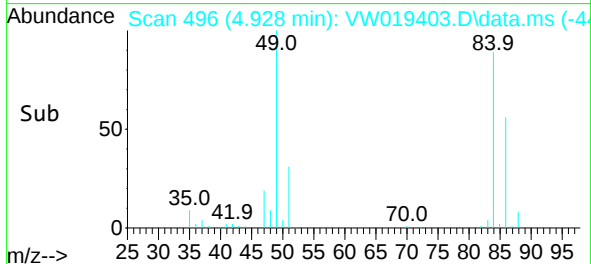
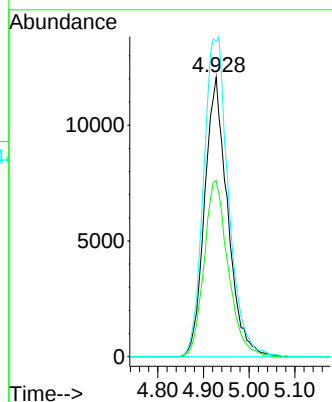
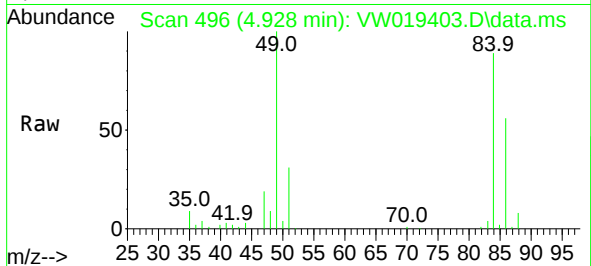




#16
Methylene chloride
Concen: 6.668 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019403.D
Acq: 09 Jul 2021 17:38

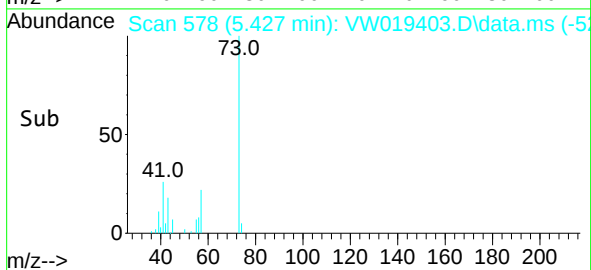
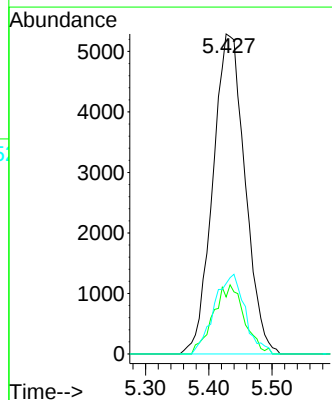
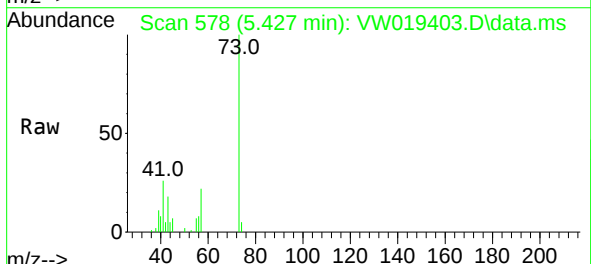
Instrument :
MSVOA_W
ClientSampled :

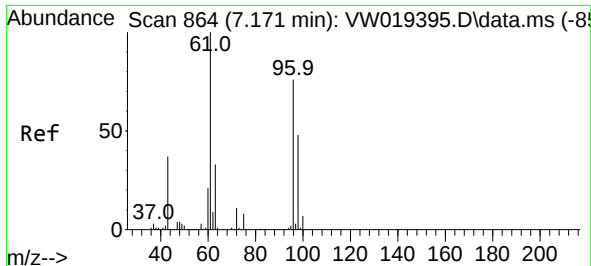
Tgt Ion: 84 Resp: 42257
Ion Ratio Lower Upper
84 100
86 62.9 45.3 84.1
49 112.9 86.6 160.8



#18
Methyl tert-butyl Ether
Concen: 2.993 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019403.D
Acq: 09 Jul 2021 17:38

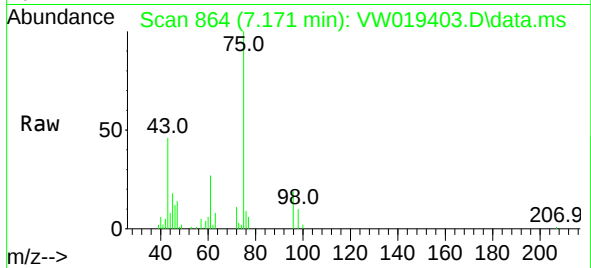
Tgt Ion: 73 Resp: 18662
Ion Ratio Lower Upper
73 100
43 20.6 17.7 26.5
57 23.9 17.0 25.4





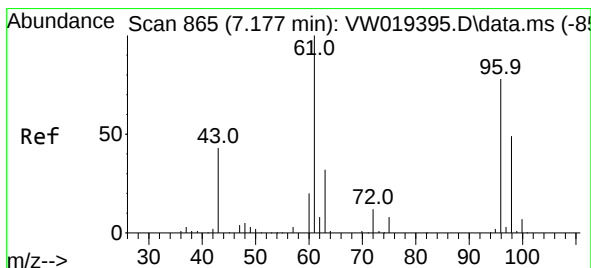
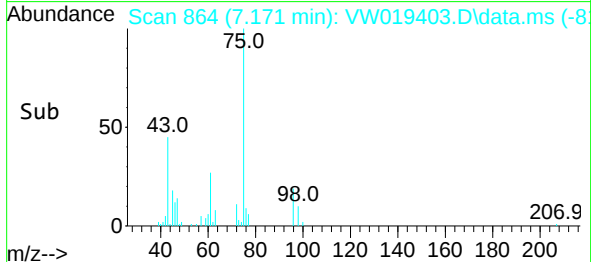
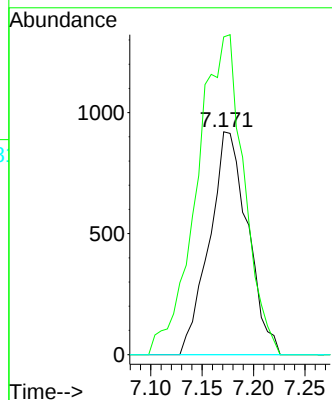
#20
cis-1,2-Dichloroethene
Concen: 0.498 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW019403.D
Acq: 09 Jul 2021 17:38

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 96 Resp: 2379

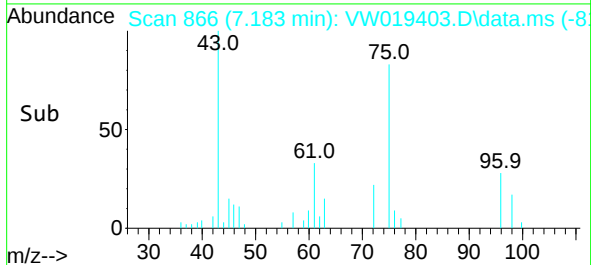
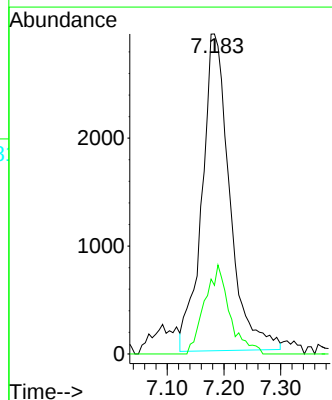
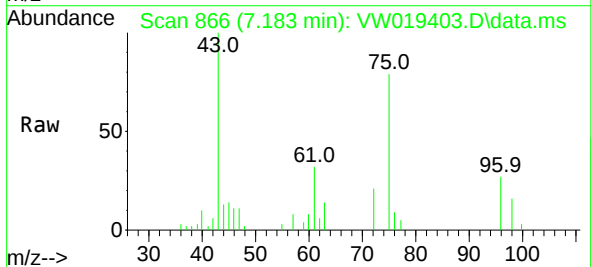
Ion	Ratio	Lower	Upper
96	100		
61	142.6	88.5	164.3
68	0.0	0.0	0.0

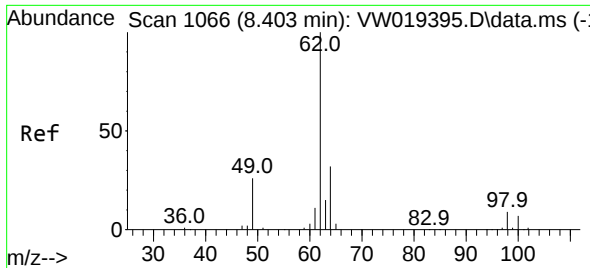


#22
2-Butanone
Concen: 6.689 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW019403.D
Acq: 09 Jul 2021 17:38

Tgt Ion: 43 Resp: 9970

Ion	Ratio	Lower	Upper
43	100		
72	24.6	14.9	44.7

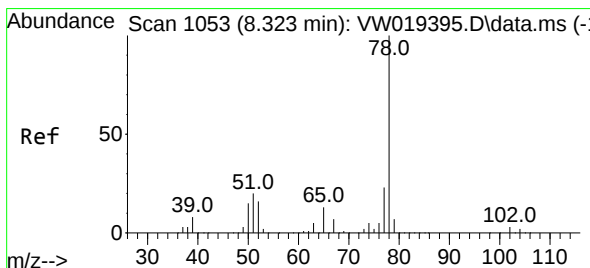
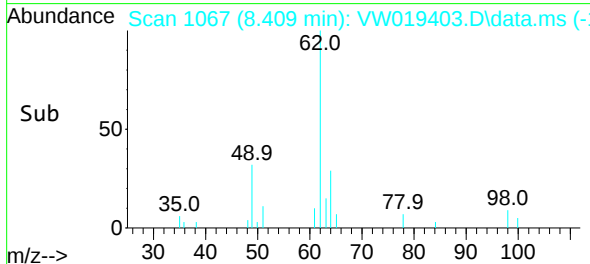
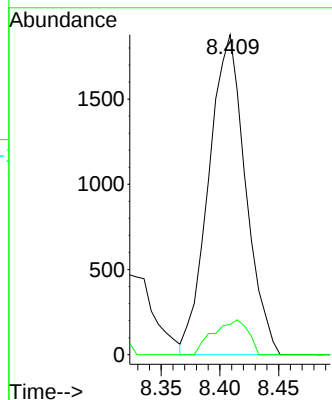
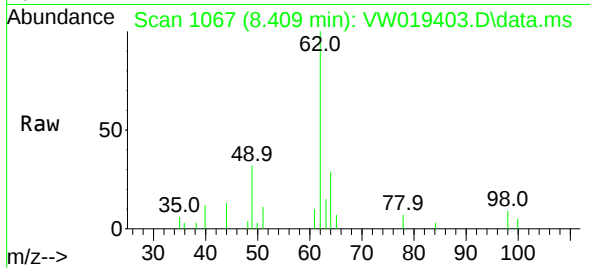




#27
1,2-Dichloroethane
Concen: 0.743 ug/L
RT: 8.409 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VW019403.D
Acq: 09 Jul 2021 17:38

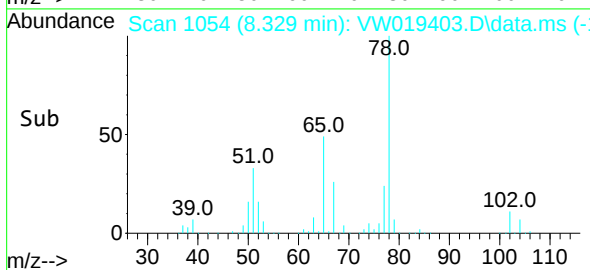
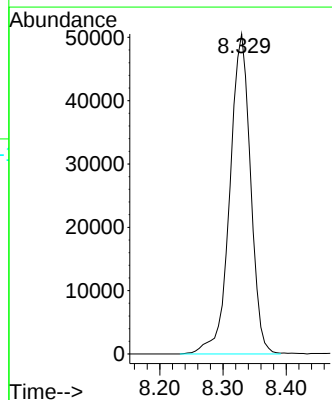
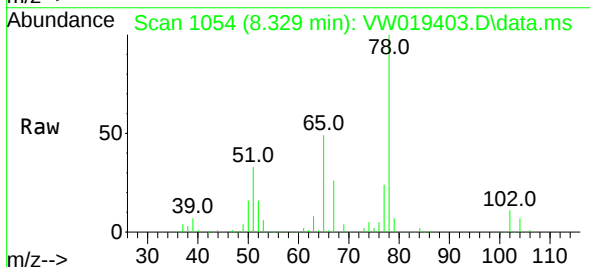
Instrument :
MSVOA_W
ClientSampled :

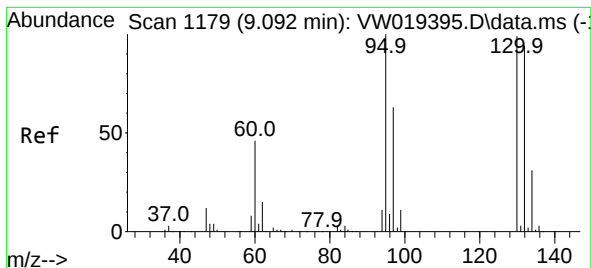
Tgt Ion: 62 Resp: 4095
Ion Ratio Lower Upper
62 100
98 9.5 6.9 10.3



#33
Benzene
Concen: 7.593 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW019403.D
Acq: 09 Jul 2021 17:38

Tgt Ion: 78 Resp: 115015





#34

Trichloroethene

Concen: 2.402 ug/L

RT: 8.848 min Scan# 1139

Delta R.T. -0.244 min

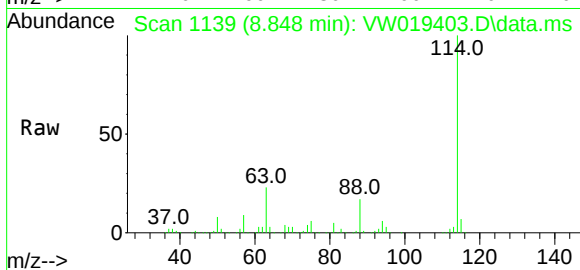
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Acq: 09 Jul 2021 17:38

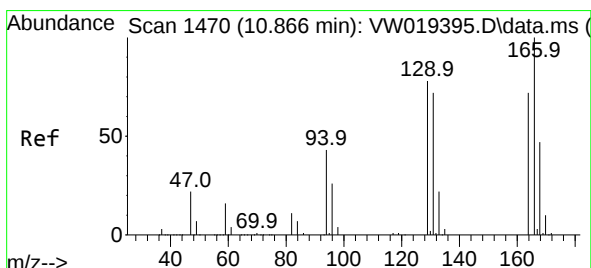
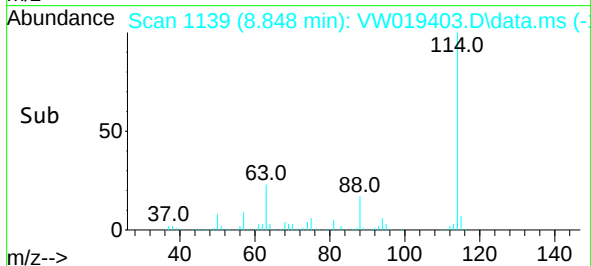
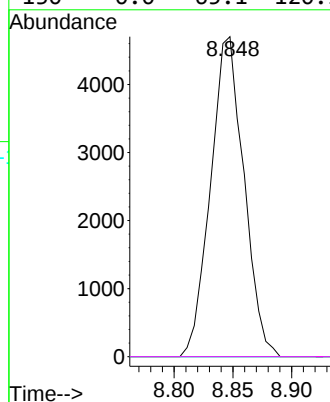
Instrument :

MSVOA_W

ClientSampled :



Tgt Ion:	95	Resp:	9286
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.3	87.8#
132	0.0	71.0	131.8#
130	0.0	65.1	120.9#



#46

Tetrachloroethene

Concen: 0.570 ug/L

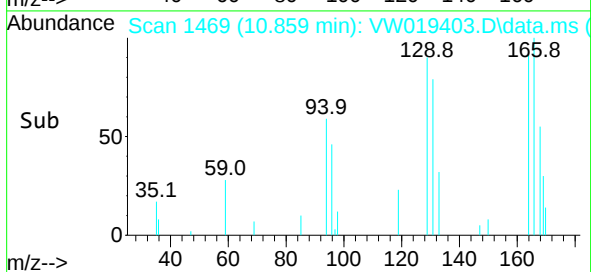
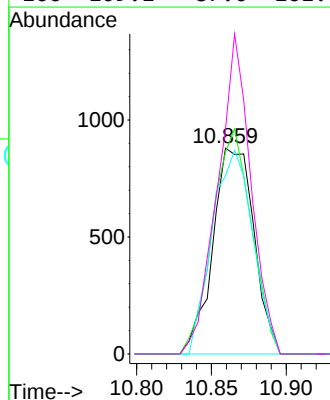
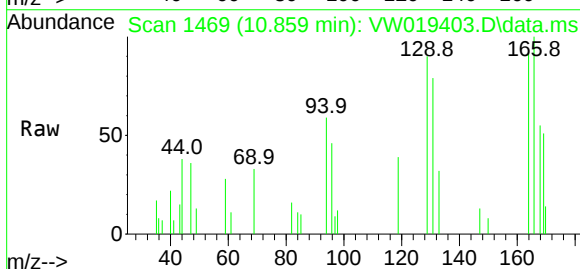
RT: 10.859 min Scan# 1469

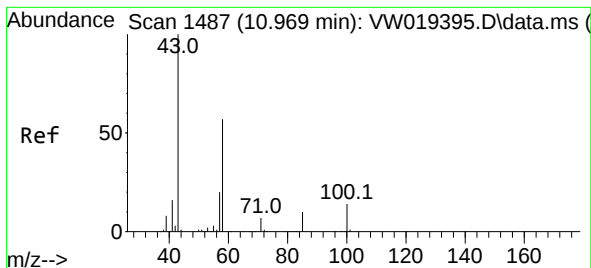
Delta R.T. -0.006 min

Lab File: VW019403.D

Acq: 09 Jul 2021 17:38

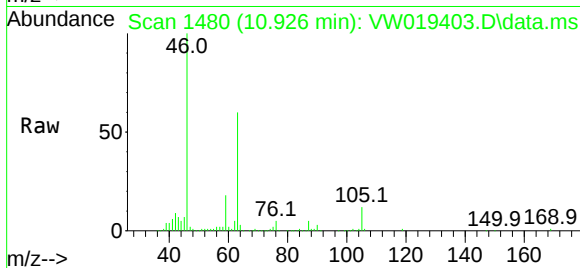
Tgt Ion:	164	Resp:	1679
Ion	Ratio	Lower	Upper
164	100		
129	98.1	66.7	123.9
131	86.5	61.1	113.5
166	109.1	87.0	161.6



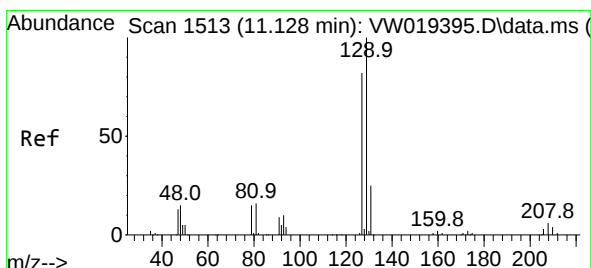
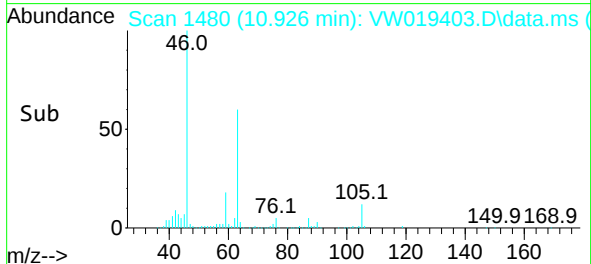
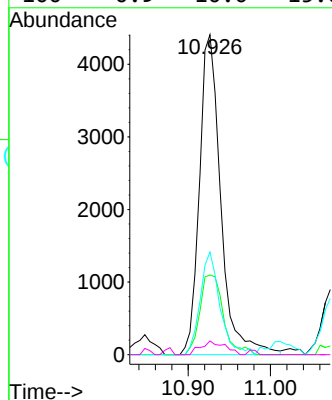


#48
2-Hexanone
Concen: 4.818 ug/L
RT: 10.926 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW019403.D
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Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 7950
Ion Ratio Lower Upper
43 100
58 26.6 42.7 64.1#
57 29.3 15.8 23.8#
100 0.9 10.0 15.0#



#49
Dibromochloromethane
Concen: 0.540 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW019403.D
Acq: 09 Jul 2021 17:38

Tgt Ion: 129 Resp: 1658
Ion Ratio Lower Upper
129 100
127 0.0 51.7 95.9#

