

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020171.D
 Acq On : 24 Sep 2021 02:35
 Operator : SY/VA
 Sample : M3874-05
 Misc : 3.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 24 03:05:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 24 02:49:39 2021
 Response via : Initial Calibration

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

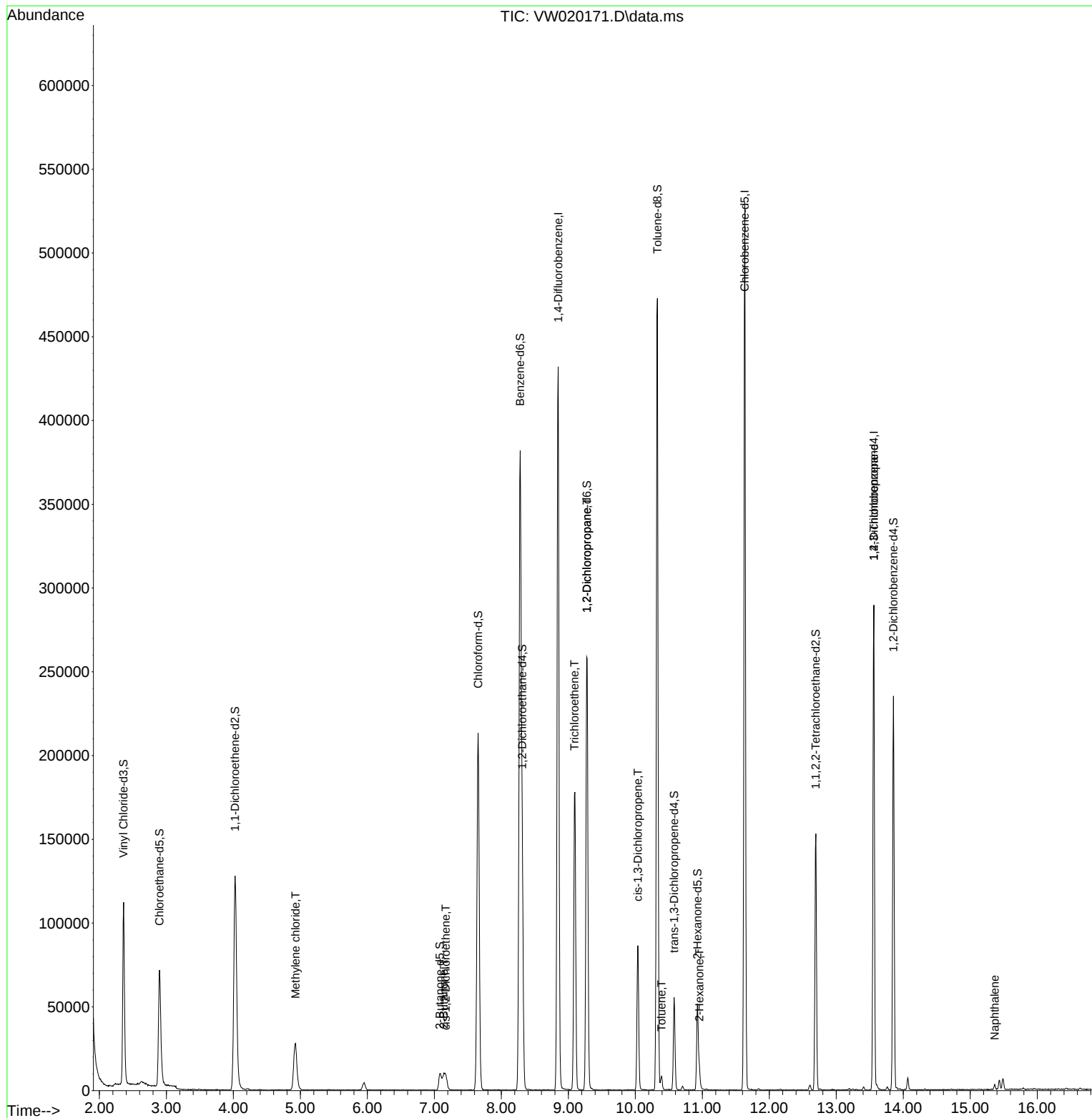
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	343435	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	273585	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	71329	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	118181	16.821	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.280%
7) Chloroethane-d5	2.898	69	94231	17.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.200%
11) 1,1-Dichloroethene-d2	4.025	63	137604	12.509	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.040%
21) 2-Butanone-d5	7.080	46	16756	15.455	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	30.900%
24) Chloroform-d	7.653	84	212805	19.703	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	8.311	65	110631	19.031	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.120%
32) Benzene-d6	8.281	84	379103	21.720	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.880%
36) 1,2-Dichloropropane-d6	9.274	67	120108	23.777	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.120%
41) Toluene-d8	10.329	98	308570	19.430	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.720%
43) trans-1,3-Dichloroprop...	10.579	79	29891	13.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	55.360%
47) 2-Hexanone-d5	10.927	63	14973	21.419	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.840%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	73393	18.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	56447	21.105	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.400%
Target Compounds						Qvalue
16) Methylene chloride	4.928	84	22805	3.763	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	2587	0.530	ug/L	96
22) 2-Butanone	7.141	43	8951	7.430	ug/L #	47
34) Trichloroethene	9.092	95	63181	14.294	ug/L	95
37) 1,2-Dichloropropane	9.274	63	14235	3.481	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	2388	0.396	ug/L #	68
42) Toluene	10.390	91	5319	0.303	ug/L	99
48) 2-Hexanone	10.957	43	5864	4.087	ug/L #	41
61) 1,2,3-Trichloropropane	13.560	75	9402	6.981	ug/L #	67
71) Naphthalene	15.365	128	2475	0.599	ug/L	99

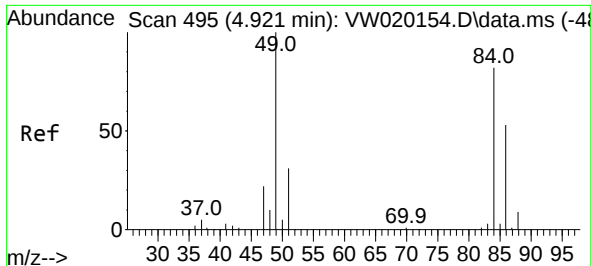
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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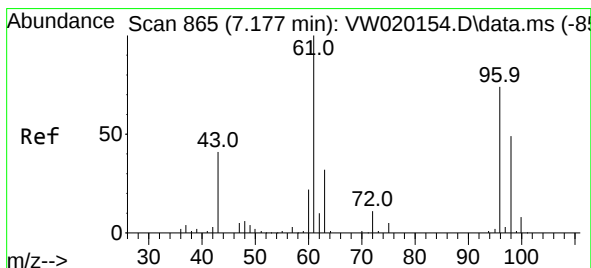
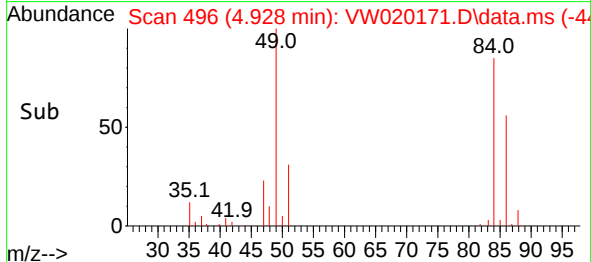
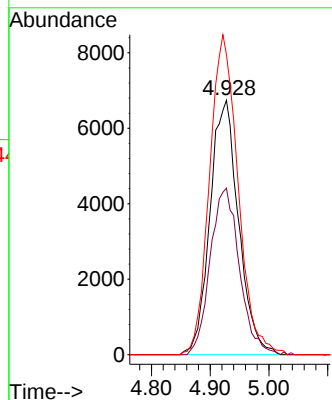
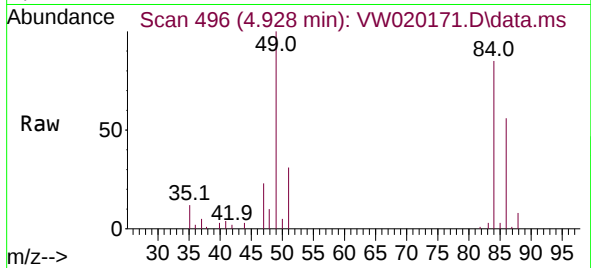




#16
Methylene chloride
Concen: 3.763 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW020171.D
Acq: 24 Sep 2021 02:35

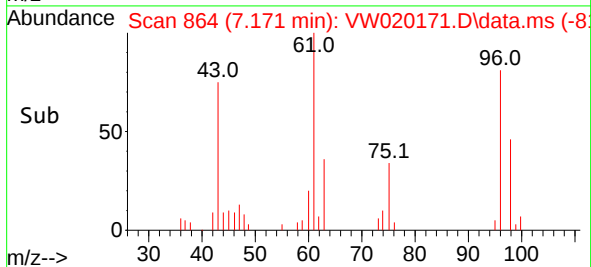
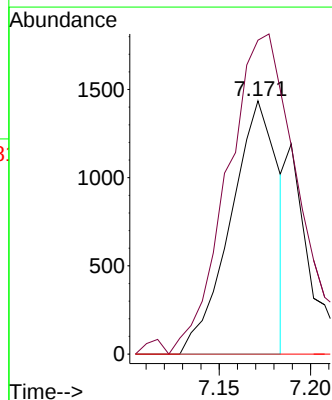
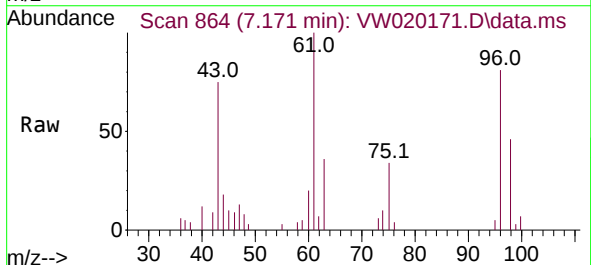
Instrument :
MSVOA_W
ClientSampled :

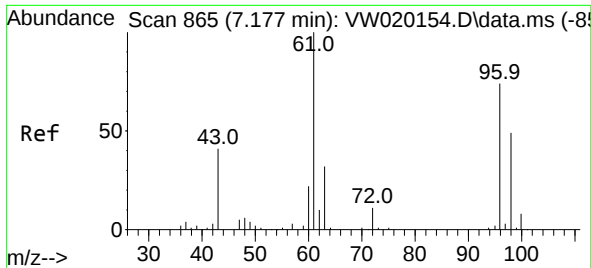
Tgt Ion: 84 Resp: 22805
Ion Ratio Lower Upper
84 100
86 65.5 42.6 79.0
49 117.9 83.4 154.8



#20
cis-1,2-Dichloroethene
Concen: 0.530 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW020171.D
Acq: 24 Sep 2021 02:35

Tgt Ion: 96 Resp: 2587
Ion Ratio Lower Upper
96 100
61 124.0 89.9 167.0
68 0.0 0.0 0.0

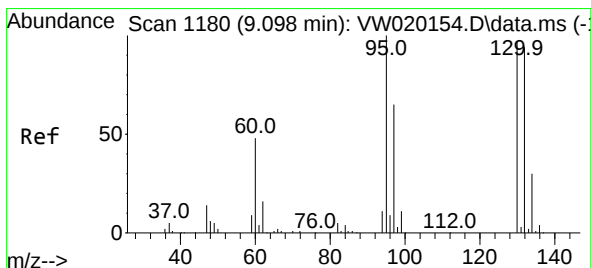
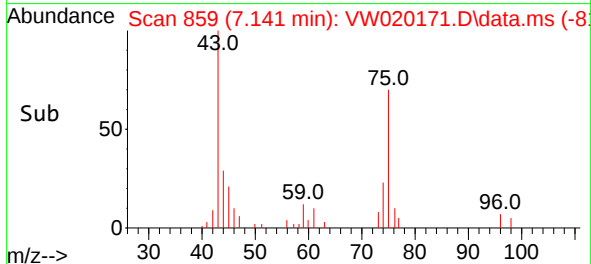
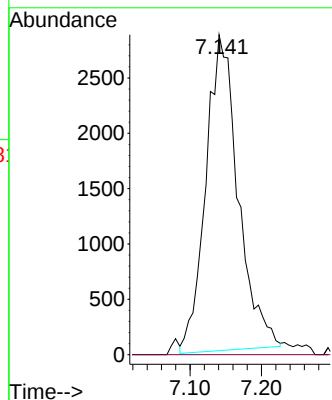
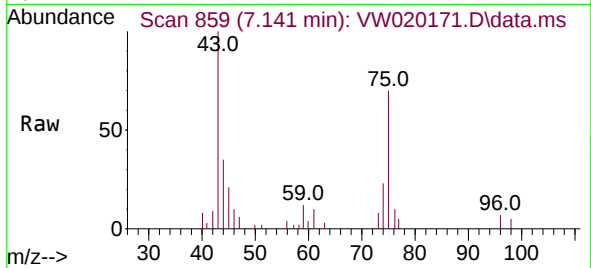




#22
2-Butanone
Concen: 7.430 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.036 min
Lab File: VW020171.D
Acq: 24 Sep 2021 02:35

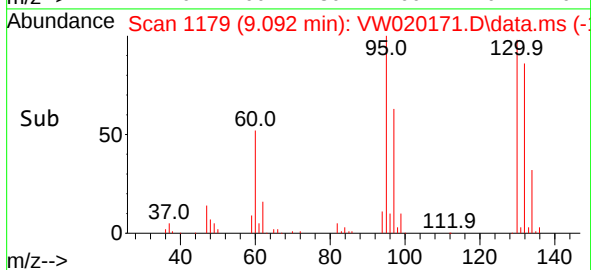
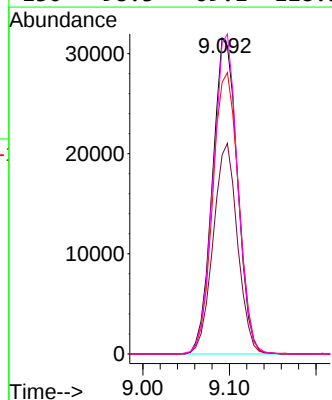
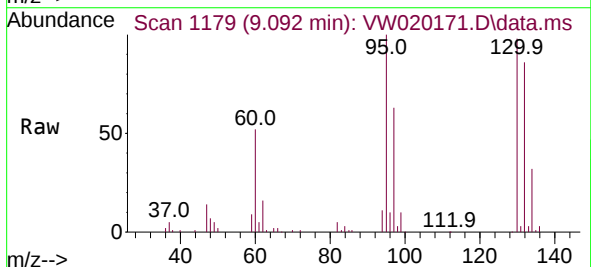
Instrument :
MSVOA_W
ClientSampled :

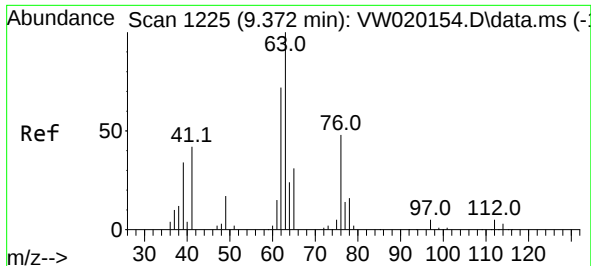
Tgt Ion: 43 Resp: 8951
Ion Ratio Lower Upper
43 100
72 0.0 14.1 42.2#



#34
Trichloroethene
Concen: 14.294 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VW020171.D
Acq: 24 Sep 2021 02:35

Tgt Ion: 95 Resp: 63181
Ion Ratio Lower Upper
95 100
97 63.0 45.1 83.7
132 86.0 67.9 126.1
130 98.3 69.1 128.3

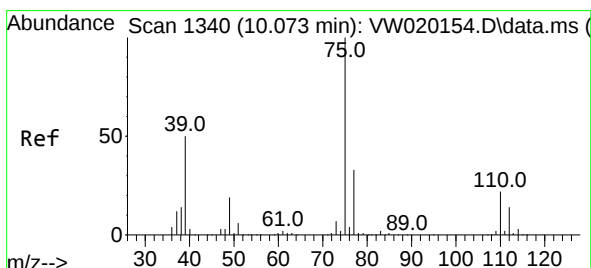
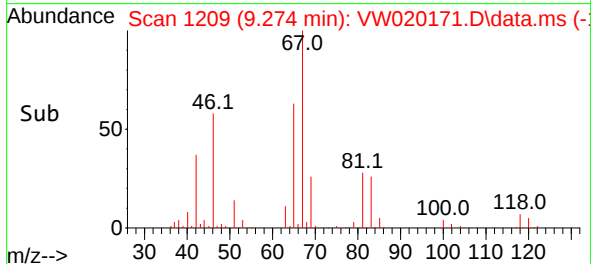
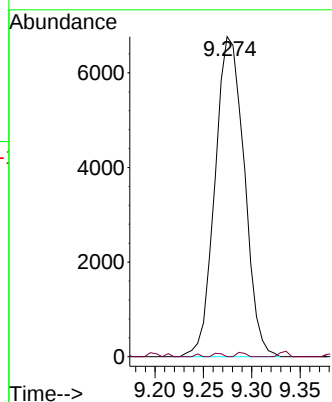
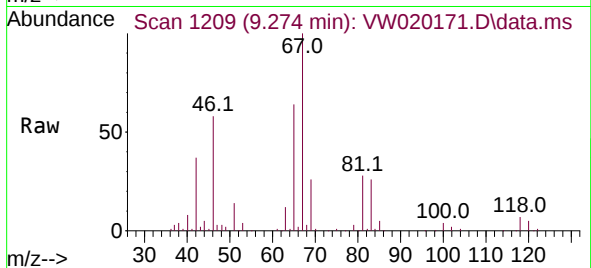




#37
1,2-Dichloropropane
Concen: 3.481 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW020171.D
Acq: 24 Sep 2021 02:35

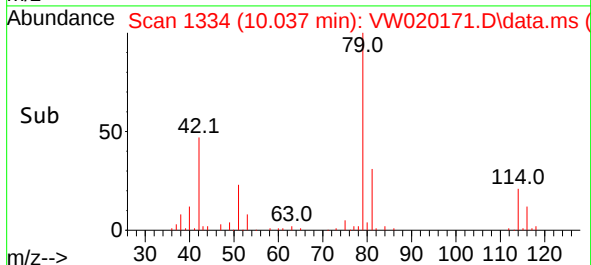
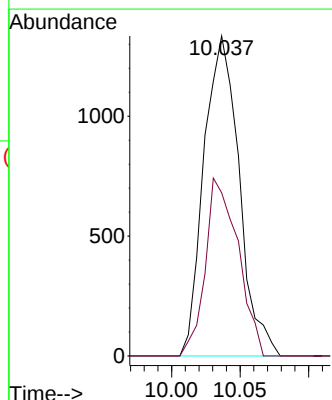
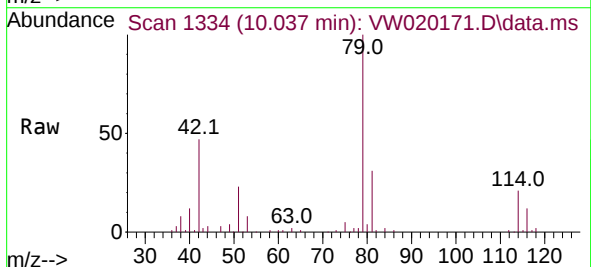
Instrument :
MSVOA_W
ClientSampled :

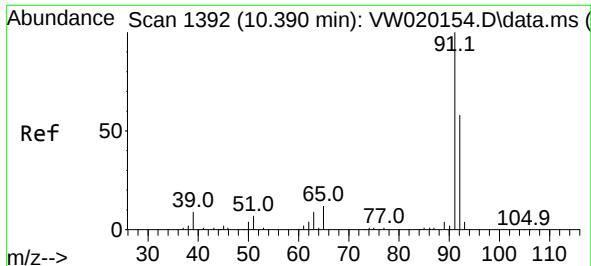
Tgt Ion: 63 Resp: 14235
Ion Ratio Lower Upper
63 100
112 0.4 3.6 5.4#



#39
cis-1,3-Dichloropropene
Concen: 0.396 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW020171.D
Acq: 24 Sep 2021 02:35

Tgt Ion: 75 Resp: 2388
Ion Ratio Lower Upper
75 100
77 51.0 23.0 42.6#

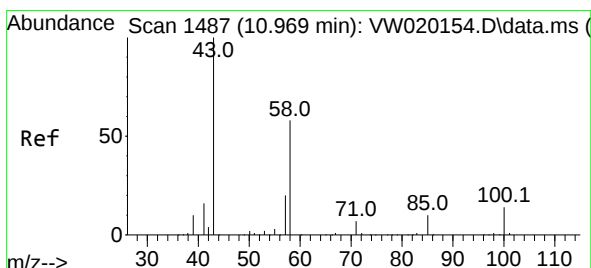
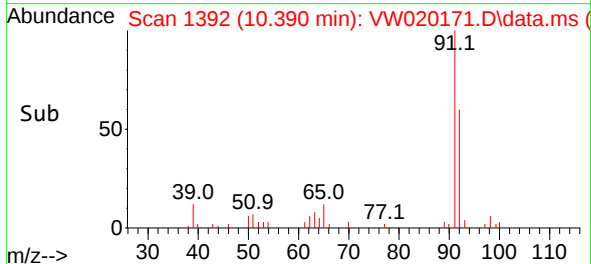
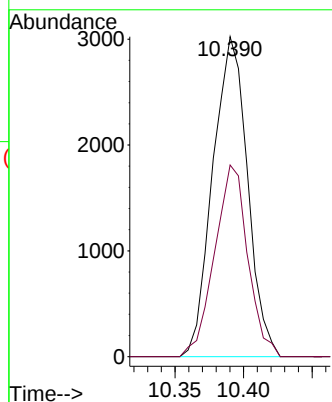
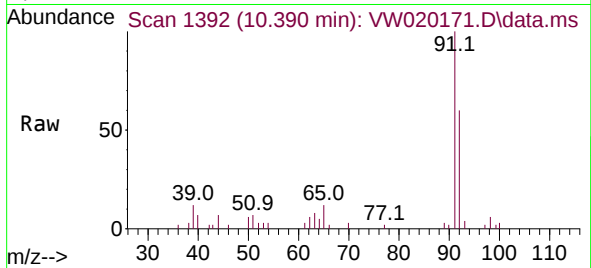




#42
Toluene
Concen: 0.303 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020171.D
Acq: 24 Sep 2021 02:35

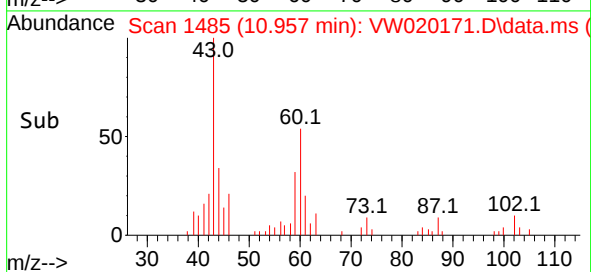
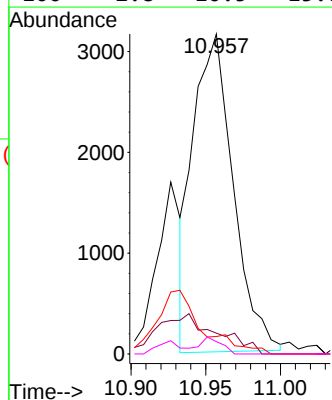
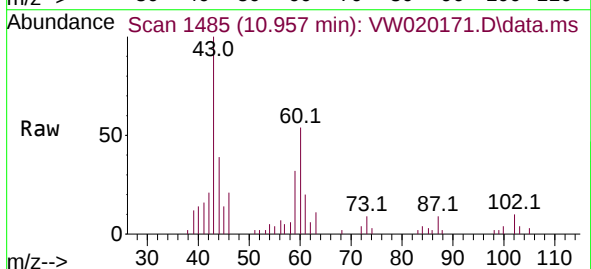
Instrument :
MSVOA_W
ClientSampled :

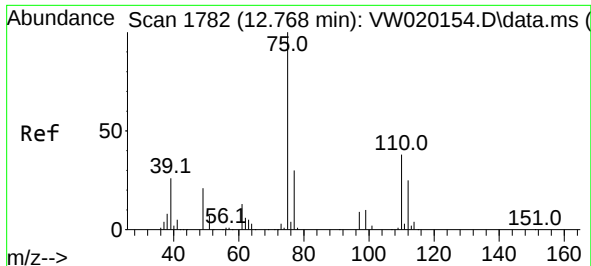
Tgt Ion: 91 Resp: 5319
Ion Ratio Lower Upper
91 100
92 59.9 42.2 78.4



#48
2-Hexanone
Concen: 4.087 ug/L
RT: 10.957 min Scan# 1485
Delta R.T. -0.012 min
Lab File: VW020171.D
Acq: 24 Sep 2021 02:35

Tgt Ion: 43 Resp: 5864
Ion Ratio Lower Upper
43 100
58 0.0 43.8 65.6#
57 4.0 15.6 23.4#
100 2.8 10.5 15.7#

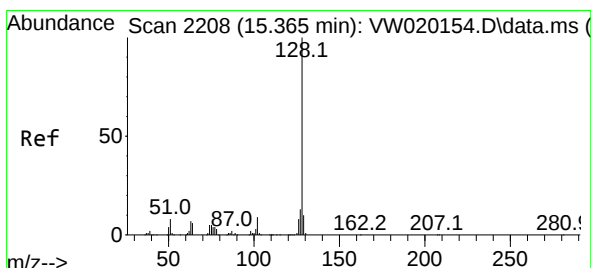
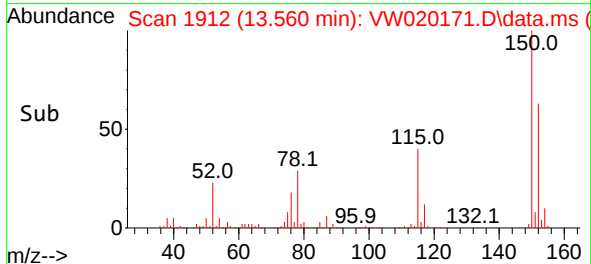
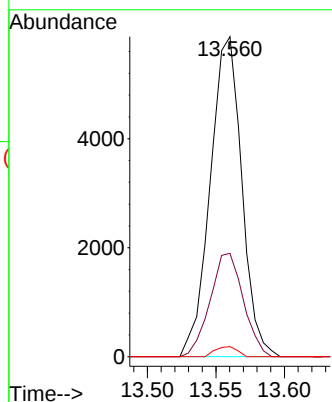
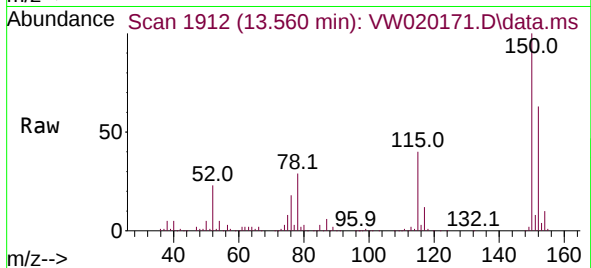




#61
1,2,3-Trichloropropane
Concen: 6.981 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.793 min
Lab File: VW020171.D
Acq: 24 Sep 2021 02:35

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 9402
Ion Ratio Lower Upper
75 100
77 34.1 26.3 39.5
110 2.2 30.2 45.2#



#71
Naphthalene
Concen: 0.599 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020171.D
Acq: 24 Sep 2021 02:35

Tgt Ion: 128 Resp: 2475
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.0 8.6 12.8

