

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020174.D
 Acq On : 24 Sep 2021 03:47
 Operator : SY/VA
 Sample : M3874-14
 Misc : 4.20g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 24 04:14:17 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	397438	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	309288	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	76159	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	134554	16.549	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	66.200%	
7) Chloroethane-d5	2.898	69	114291	18.659	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	74.640%	
11) 1,1-Dichloroethene-d2	4.025	63	173469	13.626	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	54.520%	
21) 2-Butanone-d5	7.080	46	28612	22.804	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	45.600%	
24) Chloroform-d	7.653	84	245338	19.628	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	78.520%	
26) 1,2-Dichloroethane-d4	8.311	65	124272	18.473	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	73.880%	
32) Benzene-d6	8.281	84	450740	22.843	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	91.360%	
36) 1,2-Dichloropropane-d6	9.281	67	133875	23.443	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	93.760%	
41) Toluene-d8	10.323	98	408079	22.729	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	90.920%	
43) trans-1,3-Dichloroprop...	10.579	79	40327	16.522	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	66.080%	
47) 2-Hexanone-d5	10.927	63	26132	33.067	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	66.140%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	70488	16.002	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	64.000%	
66) 1,2-Dichlorobenzene-d4	13.853	152	55625	19.478	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	77.920%	
Target Compounds					Qvalue	
13) Acetone	4.129	43	32839	30.560	ug/L	100
14) Carbon disulfide	4.397	76	6305	0.380	ug/L	97
22) 2-Butanone	7.177	43	17361	12.453	ug/L	84
29) Cyclohexane	7.964	56	4179	0.607	ug/L #	93
33) Benzene	8.329	78	12433	0.666	ug/L	100
35) Methylcyclohexane	9.341	83	58790	7.221	ug/L #	87
39) cis-1,3-Dichloropropene	10.037	75	3093	0.454	ug/L #	59
42) Toluene	10.390	91	12865	0.649	ug/L	94
45) 1,1,2-Trichloroethane	10.762	97	96390	28.433	ug/L #	22
48) 2-Hexanone	10.939	43	56245	34.676	ug/L #	26
51) Chlorobenzene	11.658	112	5774	0.448	ug/L #	87
52) Ethylbenzene	11.731	91	7446	0.341	ug/L #	76
53) m,p-Xylene	11.847	106	73267	8.799	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	2368435	287.694	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.206	75	1269	3.931	ug/L #	6

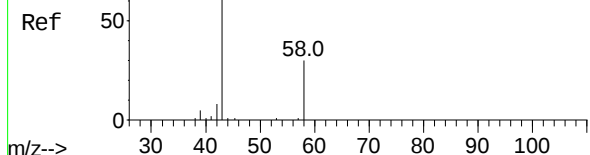
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_W
ClientSampleId :

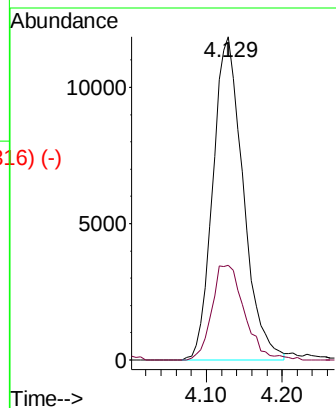
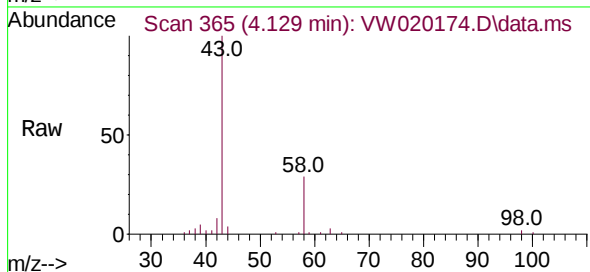
Abundance Scan 365 (4.129 min): VW020154.D\data.ms (-357) #13

Acetone
Concen: 30.560 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW020174.D
Acq: 24 Sep 2021 03:47

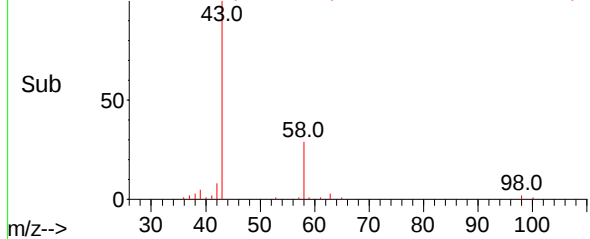
Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 43 Resp: 32839
Ion Ratio Lower Upper
43 100
58 30.9 0.0 61.6



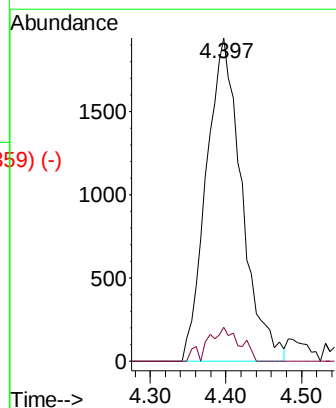
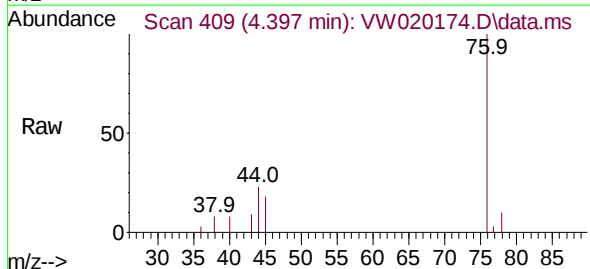
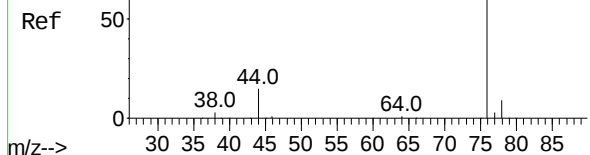
Abundance Scan 365 (4.129 min): VW020174.D\data.ms (-316) (-)



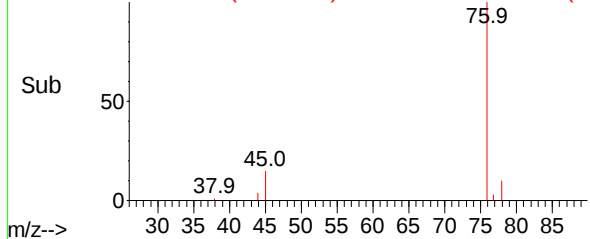
Abundance Scan 408 (4.391 min): VW020154.D\data.ms (-396) #14

Carbon disulfide
Concen: 0.380 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW020174.D
Acq: 24 Sep 2021 03:47

Tgt Ion: 76 Resp: 6305
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3



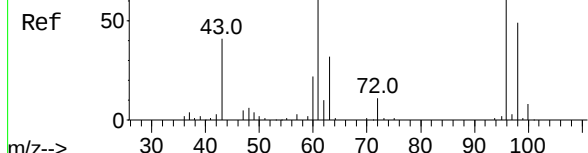
Abundance Scan 409 (4.397 min): VW020174.D\data.ms (-359) (-)



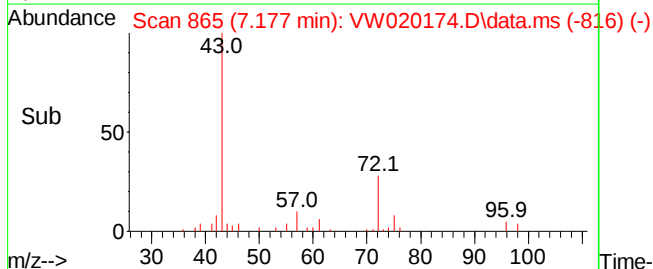
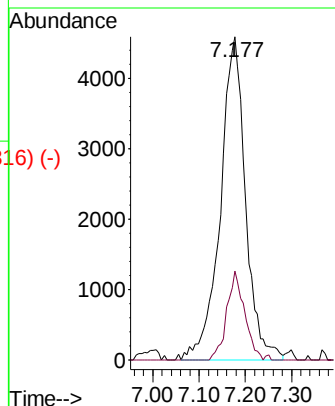
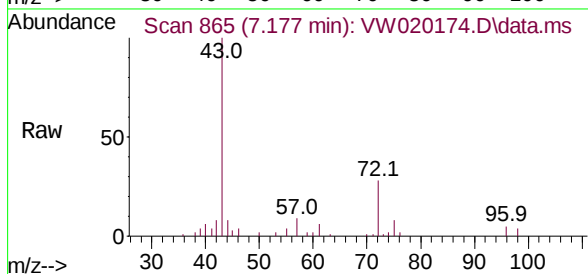
Abundance Scan 865 (7.177 min): VW020154.D\data.ms (-854) #23

2-Butanone
Concen: 12.453 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020174.D
Acq: 24 Sep 2021 03:47

Instrument :
MSVOA_W
ClientSampled :

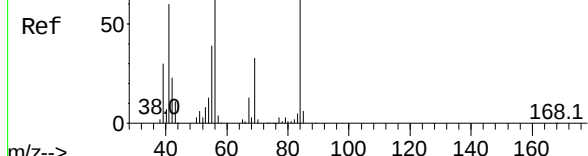


Tgt Ion: 43 Resp: 17361
Ion Ratio Lower Upper
43 100
72 19.4 14.1 42.2

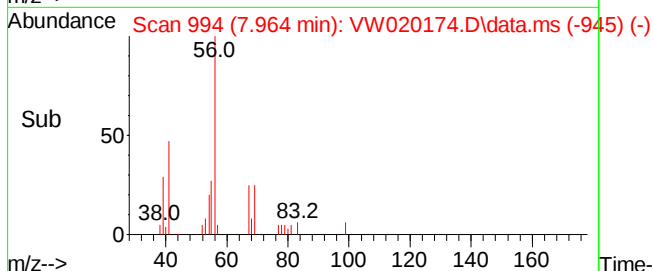
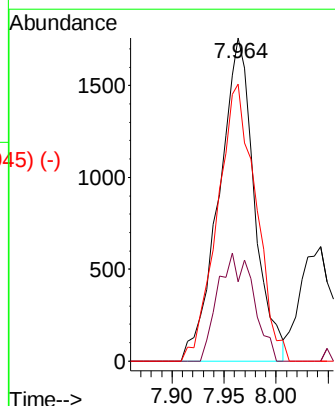
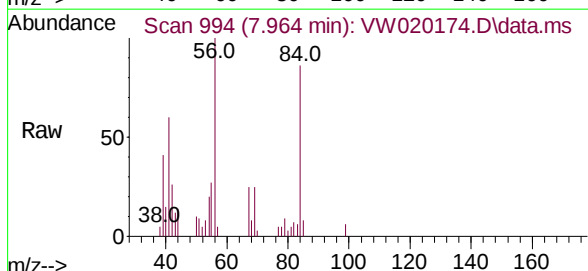


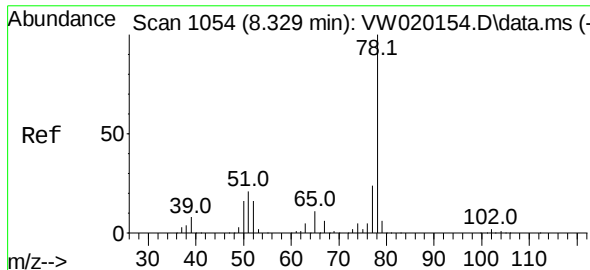
Abundance Scan 994 (7.964 min): VW020154.D\data.ms (-982) #29

Cyclohexane
Concen: 0.607 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.000 min
Lab File: VW020174.D
Acq: 24 Sep 2021 03:47



Tgt Ion: 56 Resp: 4179
Ion Ratio Lower Upper
56 100
69 20.3 25.7 38.5#
84 93.1 73.4 110.2

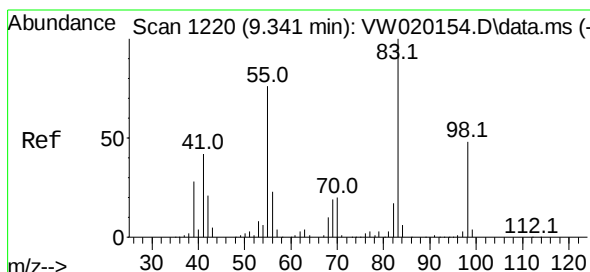
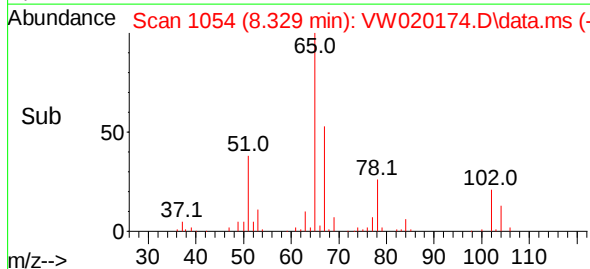
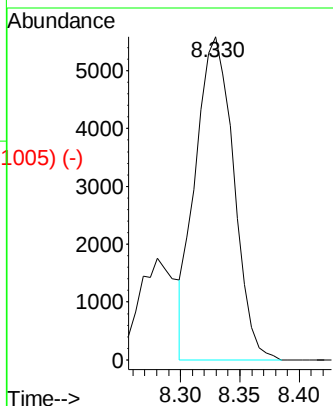
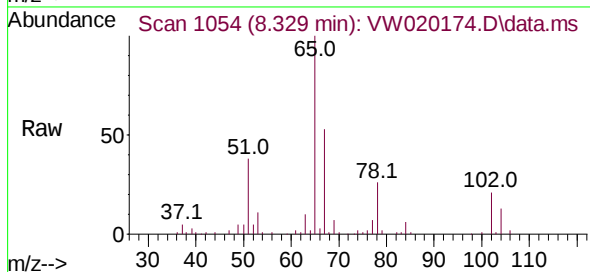




Benzene
Concen: 0.666 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW020174.D
Acq: 24 Sep 2021 03:47

Instrument :
MSVOA_W
ClientSampled :

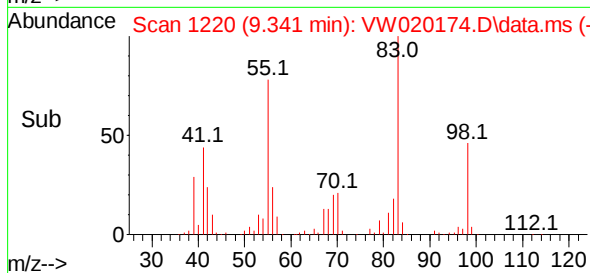
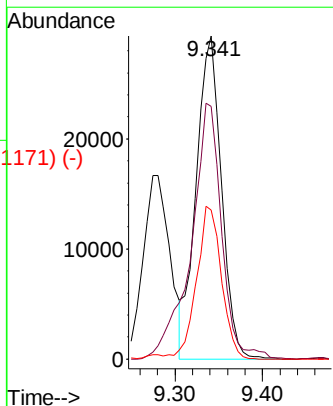
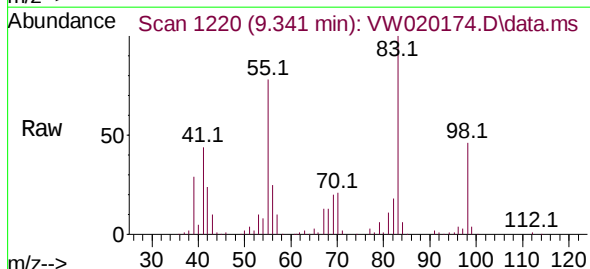
Tgt Ion: 78 Resp: 12433

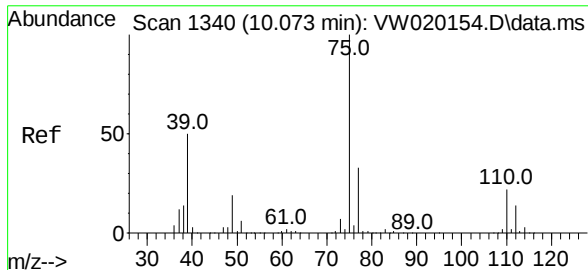


Methylcyclohexane
Concen: 7.221 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.000 min
Lab File: VW020174.D
Acq: 24 Sep 2021 03:47

Tgt Ion: 83 Resp: 58790

Ion	Ratio	Lower	Upper
83	100		
55	93.8	61.4	92.2#
98	46.3	38.1	57.1

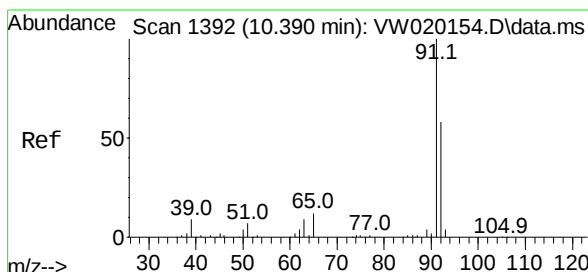
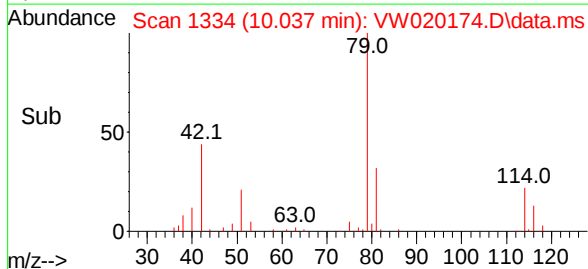
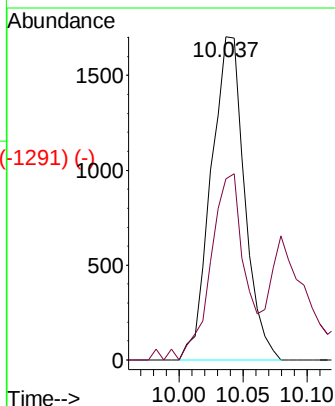
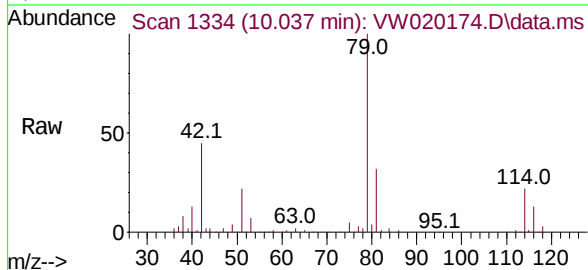




cis-1,3-Dichloropropene
Concen: 0.454 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW020174.D
Acq: 24 Sep 2021 03:47

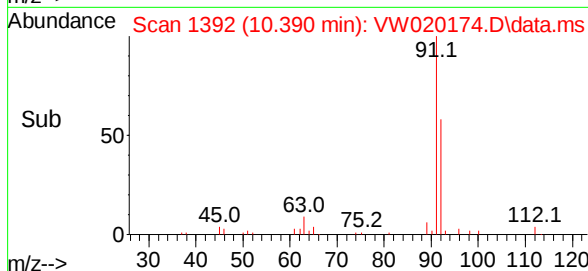
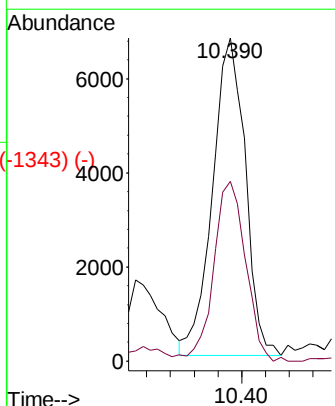
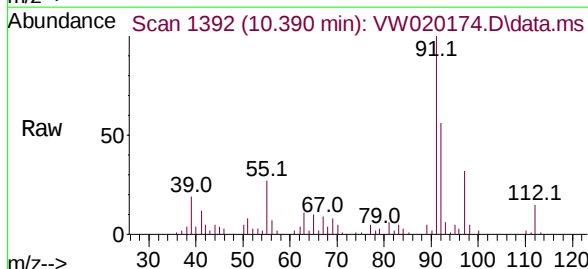
Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 3093
Ion Ratio Lower Upper
75 100
77 56.0 23.0 42.6#

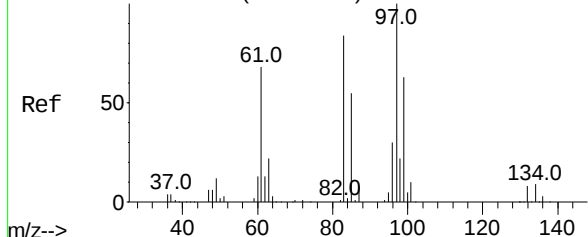


Toluene
Concen: 0.649 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020174.D
Acq: 24 Sep 2021 03:47

Tgt Ion: 91 Resp: 12865
Ion Ratio Lower Upper
91 100
92 55.7 42.2 78.4



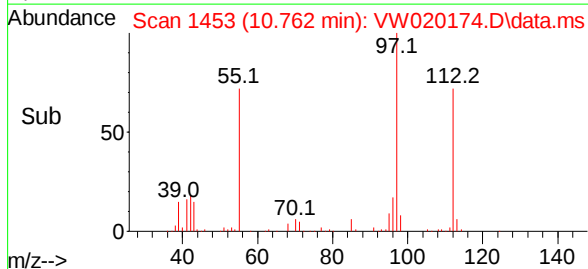
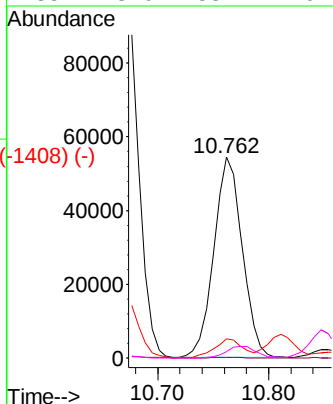
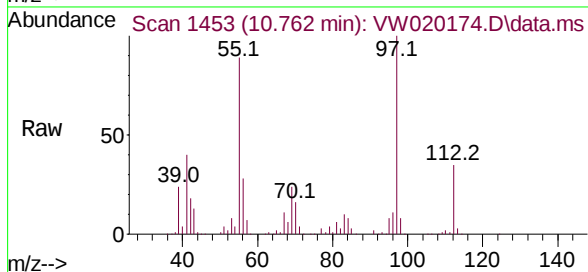
Abundance Scan 1457 (10.786 min): VW020154.D\data.ms (-1445) (-)



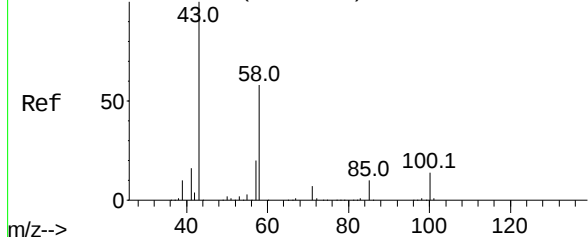
1,1,2-Trichloroethane
Concen: 28.433 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW020174.D
Acq: 24 Sep 2021 03:47

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:	97	Resp:	96390
Ion	Ratio	Lower	Upper
97	100		
99	0.3	42.0	78.0#
83	9.6	58.7	108.9#
85	3.0	38.1	70.7#

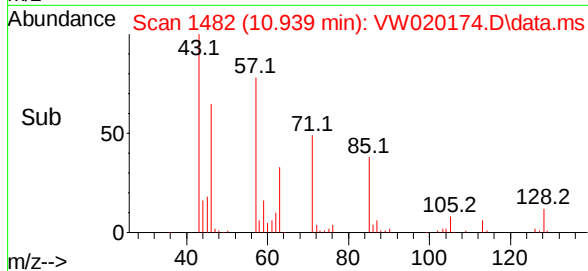
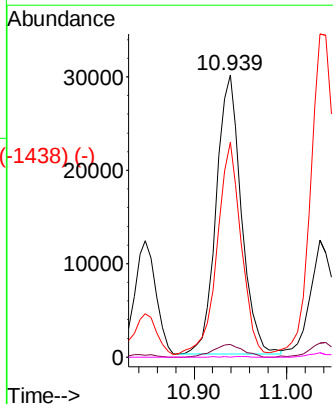
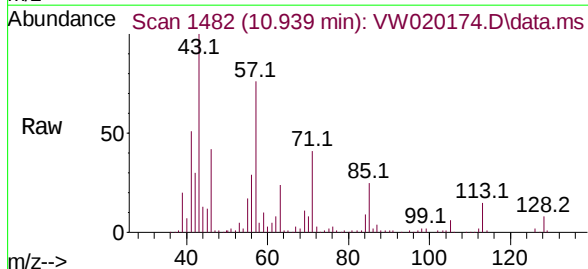


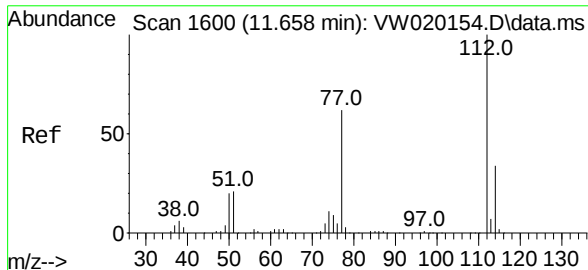
Abundance Scan 1487 (10.969 min): VW020154.D\data.ms (-1442) (-)



2-Hexanone
Concen: 34.676 ug/L
RT: 10.939 min Scan# 1482
Delta R.T. -0.030 min
Lab File: VW020174.D
Acq: 24 Sep 2021 03:47

Tgt Ion:	43	Resp:	56245
Ion	Ratio	Lower	Upper
43	100		
58	5.5	43.8	65.6#
57	72.7	15.6	23.4#
100	0.2	10.5	15.7#

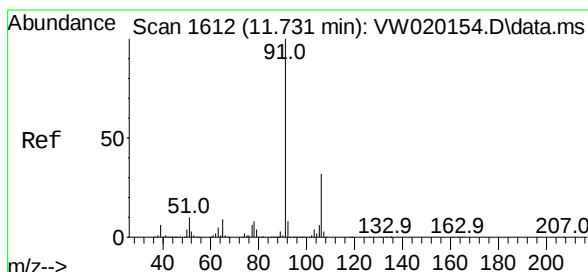
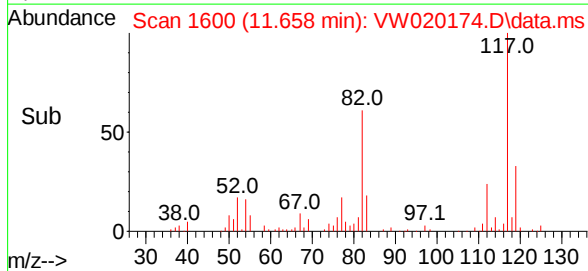
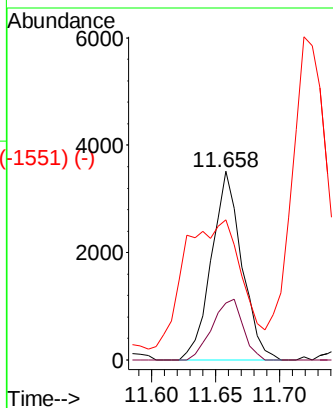
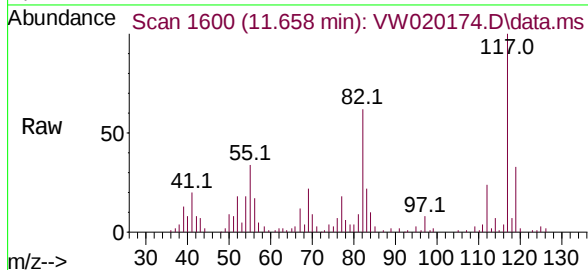




Scan 1600 (11.658 min): VW020154.D\data.ms (-1551) (-)
 Chlorobenzene
 Concen: 0.448 ug/L
 RT: 11.658 min Scan# 1600
 Delta R.T. 0.000 min
 Lab File: VW020174.D
 Acq: 24 Sep 2021 03:47

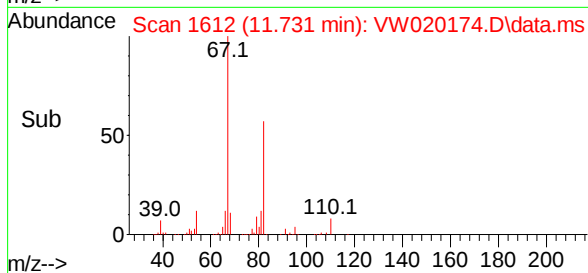
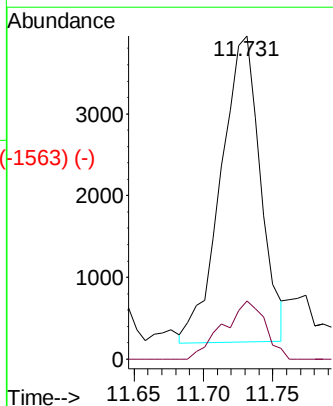
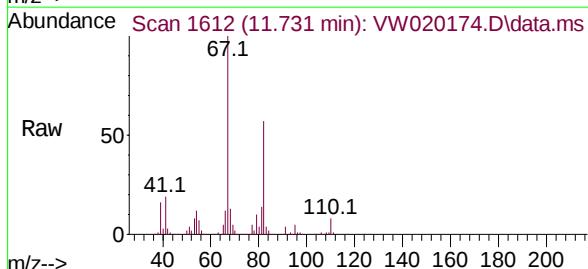
Instrument :
 MSVOA_W
 ClientSampled :

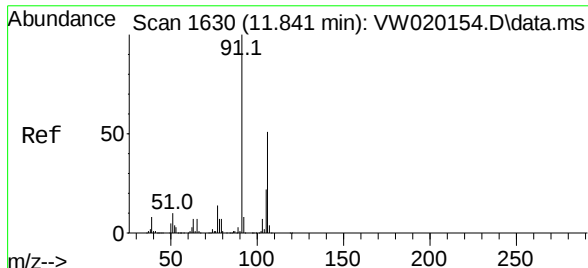
Tgt Ion:	112	Resp:	5774
Ion	Ratio	Lower	Upper
112	100		
114	30.1	21.9	40.7
77	74.2	48.0	72.0#



Scan 1612 (11.731 min): VW020154.D\data.ms (-1552) (-)
 Ethylbenzene
 Concen: 0.341 ug/L
 RT: 11.731 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: VW020174.D
 Acq: 24 Sep 2021 03:47

Tgt Ion:	91	Resp:	7446
Ion	Ratio	Lower	Upper
91	100		
106	18.0	22.0	40.8#

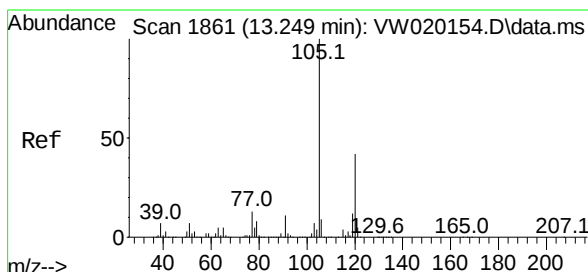
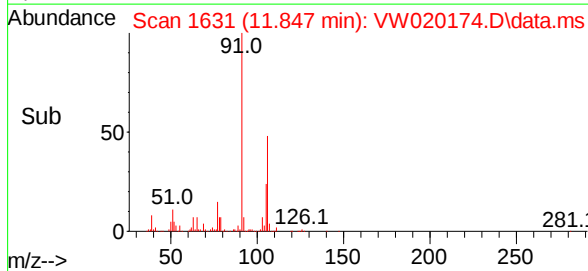
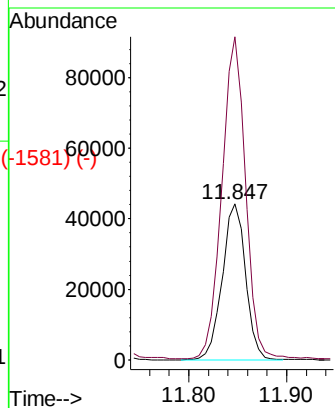
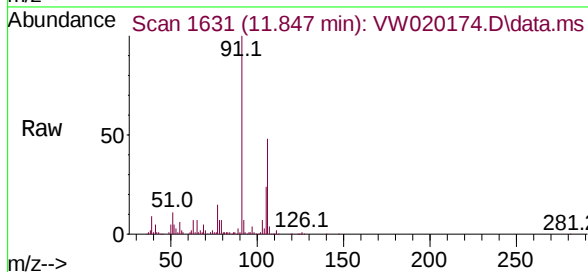




m,p-Xylene
Concen: 8.799 ug/L
RT: 11.847 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VW020174.D
Acq: 24 Sep 2021 03:47

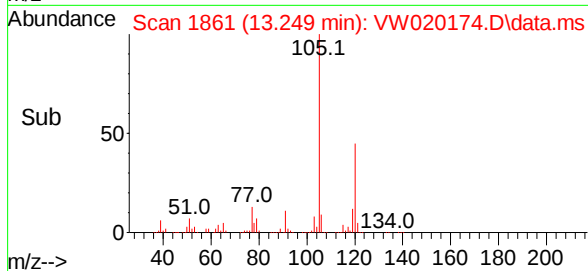
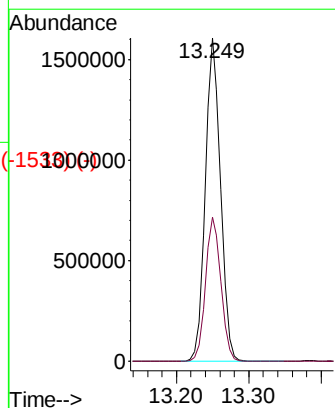
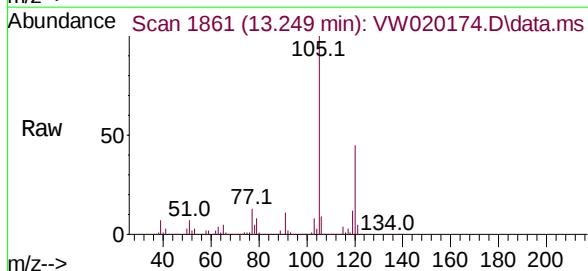
Instrument :
MSVOA_W
ClientSampleId :

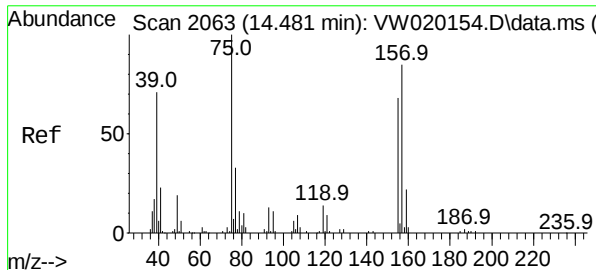
Tgt Ion:106 Resp: 73267
Ion Ratio Lower Upper
106 100
91 206.8 146.4 271.8



1,2,4-Trimethylbenzene
Concen: 287.694 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020174.D
Acq: 24 Sep 2021 03:47

Tgt Ion:105 Resp: 2368435
Ion Ratio Lower Upper
105 100
120 45.0 36.2 54.4





1,2-Dibromo-3-chloropropane
 Concen: 3.931 ug/L
 RT: 14.206 min Scan# 2018
 Delta R.T. -0.274 min
 Lab File: VW020174.D
 Acq: 24 Sep 2021 03:47

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	75	Resp:	1269
Ion	Ratio	Lower	Upper
75	100		
155	0.0	58.5	87.7#
157	0.0	77.4	116.0#

