

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023775.D
 Acq On : 16 Jul 2022 03:58
 Operator : SY/VA
 Sample : N3701-02RE
 Misc : 4.86g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

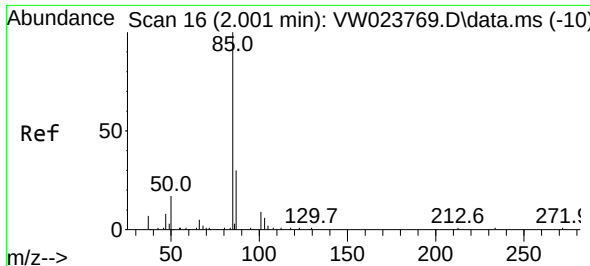
Instrument :
 MSVOA_W
 ClientSampleId :
 F5B63RE

Quant Time: Jul 16 04:47:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 16 01:30:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	10351	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	10296	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	3387	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	6601	24.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.880%
7) Chloroethane-d5	2.885	69	3180	18.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.120%
11) 1,1-Dichloroethene-d2	4.257	63	102	0.474	ug/L	0.24
Spiked Amount	25.000	Range	45 - 110	Recovery	=	1.880%#
21) 2-Butanone-d5	7.080	46	1847	45.041	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.080%
24) Chloroform-d	7.653	84	9103	30.206	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.840%
26) 1,2-Dichloroethane-d4	8.305	65	5744	31.164	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.640%
32) Benzene-d6	8.281	84	13579	25.371	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.480%
36) 1,2-Dichloropropane-d6	9.274	67	5300	32.875	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.480%#
41) Toluene-d8	10.323	98	9707	17.880	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.520%
43) trans-1,3-Dichloroprop...	10.579	79	1380	18.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.040%
47) 2-Hexanone-d5	10.926	63	1284	37.875	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.760%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	5164	28.984	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	2840	23.489	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.960%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.989	85	48	0.682	ug/L #	1
13) Acetone	4.129	43	1058	36.492	ug/L	89
14) Carbon disulfide	4.373	76	326	1.010	ug/L #	33
15) Methyl Acetate	4.915	43	297	4.577	ug/L	93
20) cis-1,2-Dichloroethene	7.177	96	131	0.888	ug/L #	43
23) Bromochloromethane	7.305	128	47	0.663	ug/L #	1
37) 1,2-Dichloropropane	9.329	63	88	0.600	ug/L #	84
39) cis-1,3-Dichloropropene	9.890	75	129	0.583	ug/L	93
40) 4-Methyl-2-pentanone	10.213	43	257	2.518	ug/L #	63
44) trans-1,3-Dichloropropene	10.579	75	280	1.332	ug/L #	43
50) 1,2-Dibromoethane	11.109	107	86	0.698	ug/L #	8
52) Ethylbenzene	11.847	91	436	0.575	ug/L	89
61) 1,2,3-Trichloropropane	12.816	75	74	0.996	ug/L #	38
63) 1,2,4-Trimethylbenzene	13.243	105	325	0.873	ug/L #	32

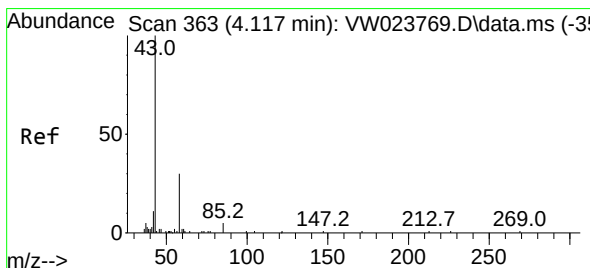
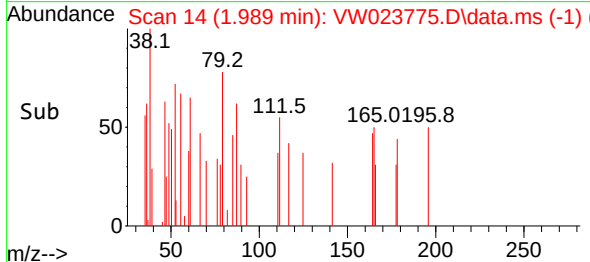
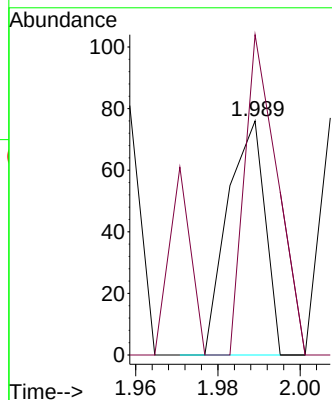
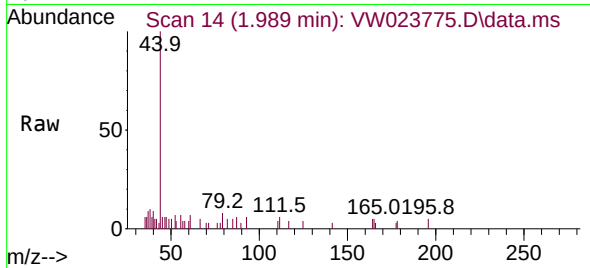
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.682 ug/L
RT: 1.989 min Scan# 14
Delta R.T. -0.012 min
Lab File: VW023775.D
Acq: 16 Jul 2022 03:58

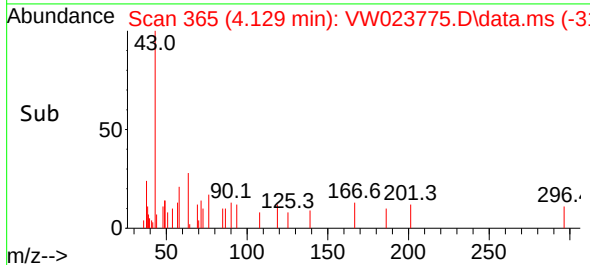
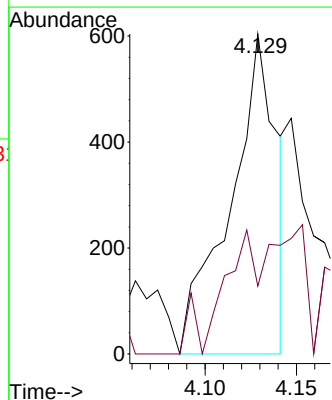
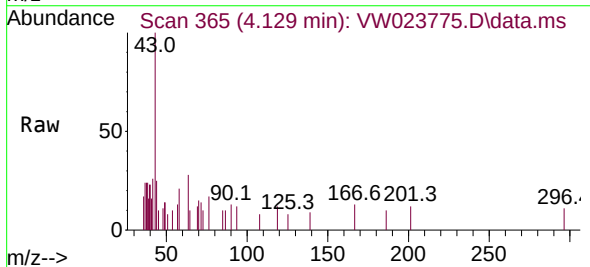
Instrument :
MSVOA_W
ClientSampleId :
F5B63RE

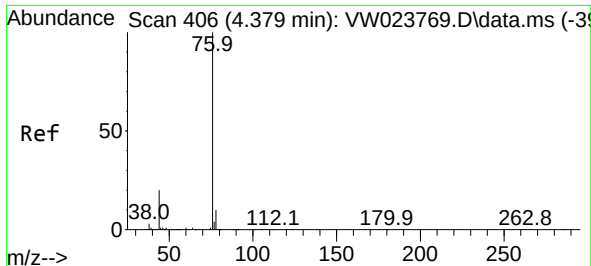
Tgt Ion: 85 Resp: 48
Ion Ratio Lower Upper
85 100
87 118.8 24.7 37.1#



#13
Acetone
Concen: 36.492 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW023775.D
Acq: 16 Jul 2022 03:58

Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
58 25.7 0.0 64.2

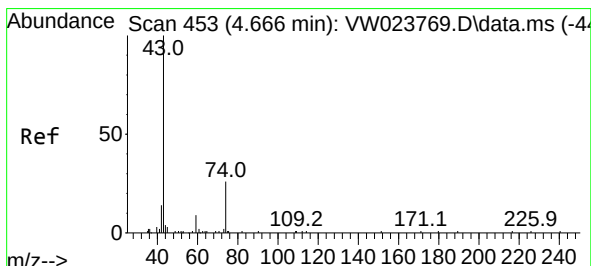
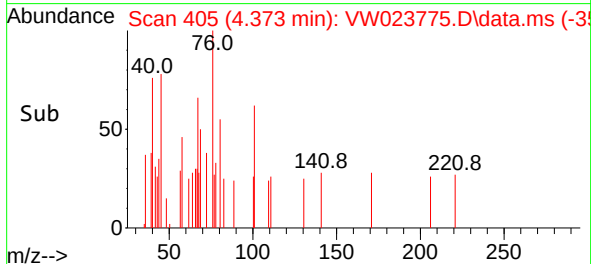
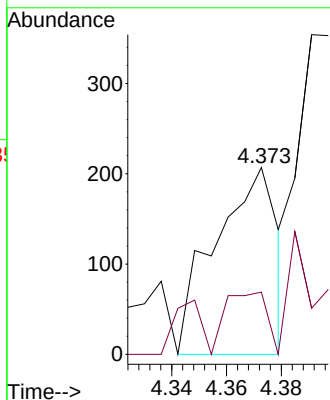
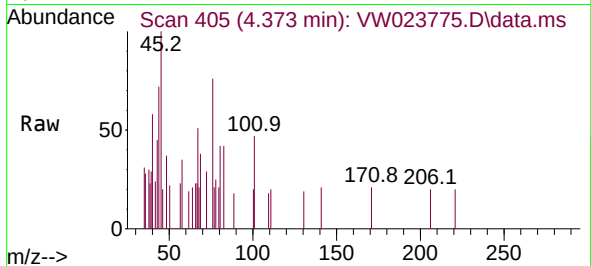




#14
Carbon disulfide
Concen: 1.010 ug/L
RT: 4.373 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW023775.D
Acq: 16 Jul 2022 03:58

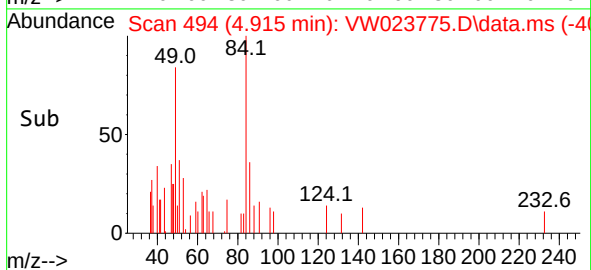
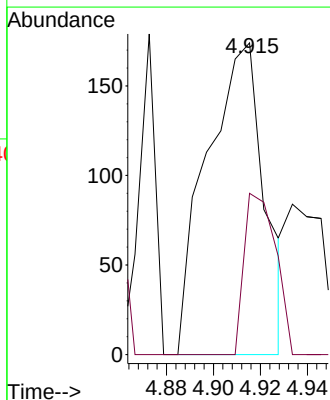
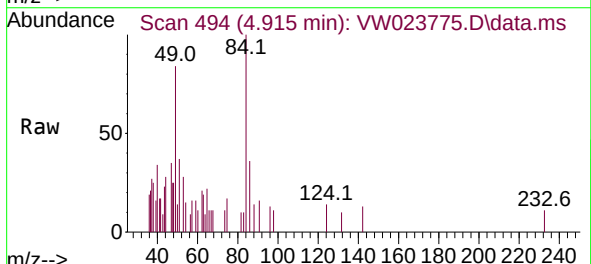
Instrument :
MSVOA_W
ClientSampleId :
F5B63RE

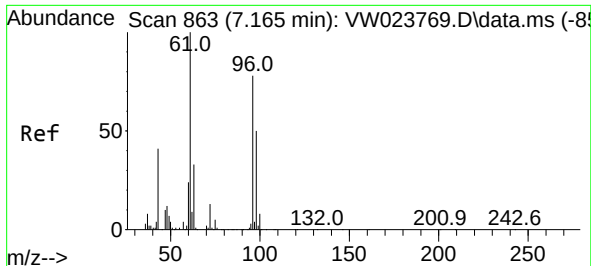
Tgt Ion: 76 Resp: 326
Ion Ratio Lower Upper
76 100
78 33.3 7.2 10.8#



#15
Methyl Acetate
Concen: 4.577 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.250 min
Lab File: VW023775.D
Acq: 16 Jul 2022 03:58

Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
74 28.3 20.0 30.0

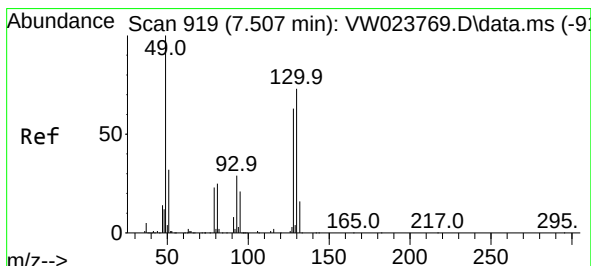
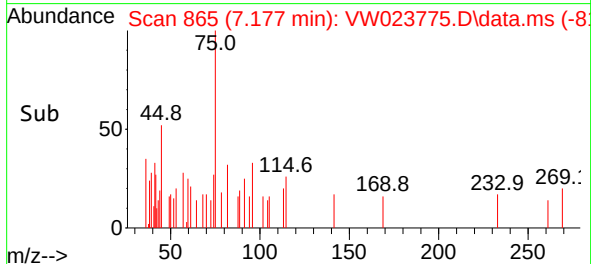
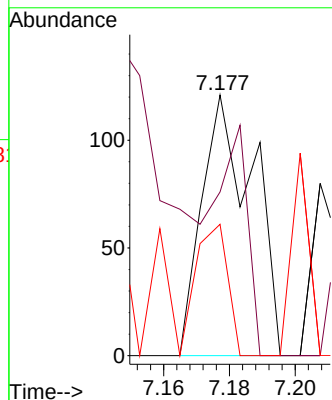
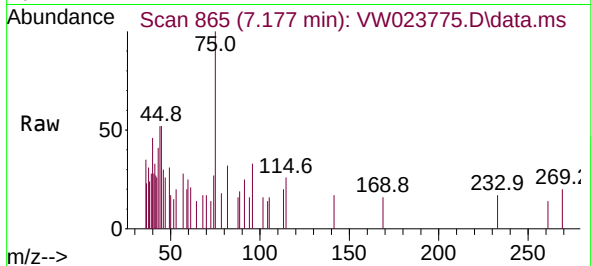




#20
 cis-1,2-Dichloroethene
 Concen: 0.888 ug/L
 RT: 7.177 min Scan# 80
 Delta R.T. 0.012 min
 Lab File: VW023775.D
 Acq: 16 Jul 2022 03:58

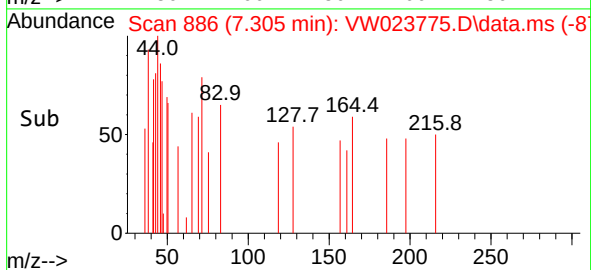
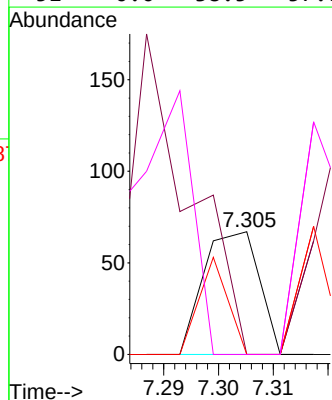
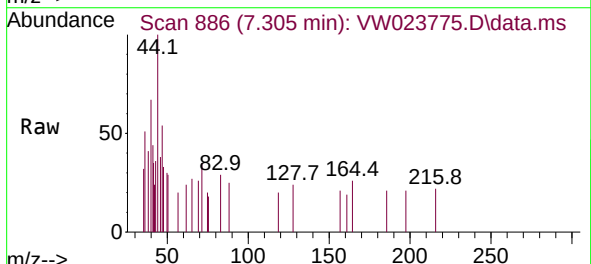
Instrument :
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 ClientSampleId :
 F5B63RE

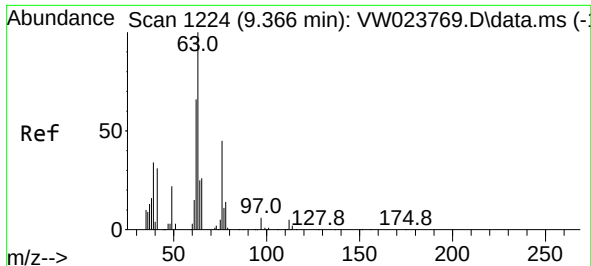
Tgt Ion: 96 Resp: 131
 Ion Ratio Lower Upper
 96 100
 61 62.8 90.6 168.2#
 68 50.4 0.2 0.4#



#23
 Bromochloromethane
 Concen: 0.663 ug/L
 RT: 7.305 min Scan# 886
 Delta R.T. -0.201 min
 Lab File: VW023775.D
 Acq: 16 Jul 2022 03:58

Tgt Ion: 128 Resp: 47
 Ion Ratio Lower Upper
 128 100
 49 0.0 106.0 196.8#
 130 0.0 83.2 154.4#
 51 0.0 38.5 57.7#





#37

1,2-Dichloropropane

Concen: 0.600 ug/L

RT: 9.329 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW023775.D

Acq: 16 Jul 2022 03:58

Instrument :

MSVOA_W

ClientSampleId :

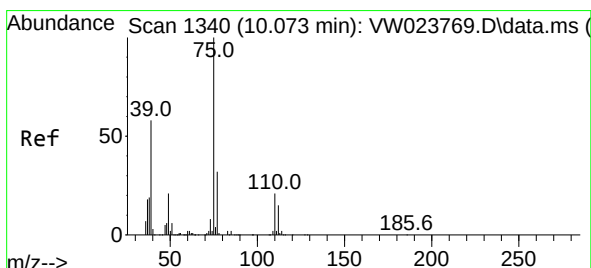
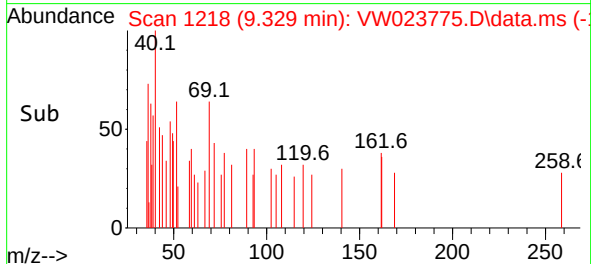
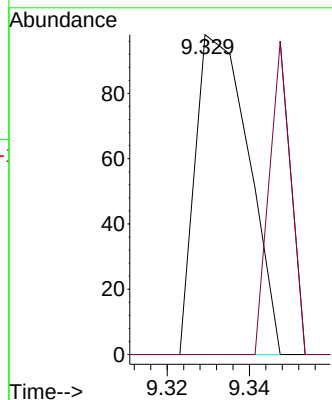
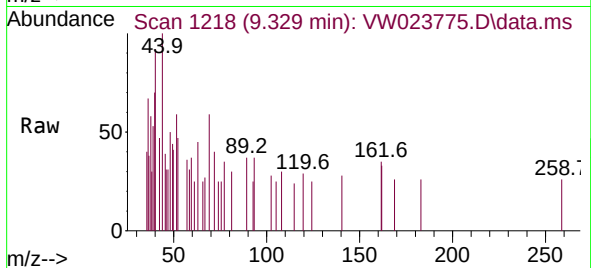
F5B63RE

Tgt Ion: 63 Resp: 88

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.583 ug/L

RT: 9.890 min Scan# 1310

Delta R.T. -0.183 min

Lab File: VW023775.D

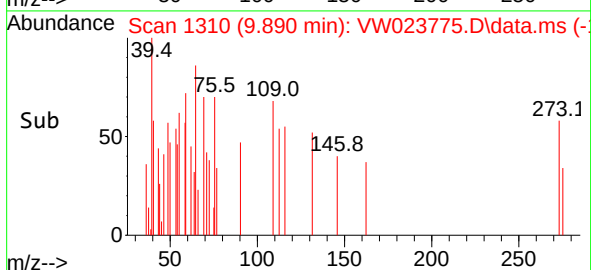
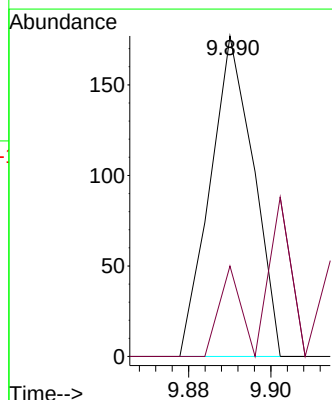
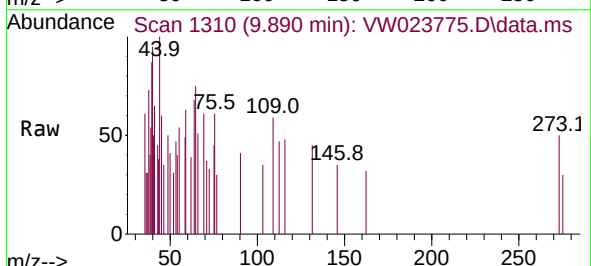
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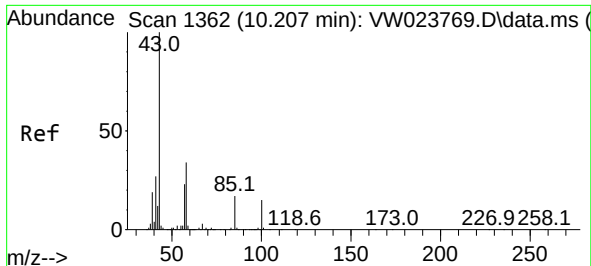
Tgt Ion: 75 Resp: 129

Ion Ratio Lower Upper

75 100

77 28.2 22.5 41.9





#40

4-Methyl-2-pentanone

Concen: 2.518 ug/L

RT: 10.213 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW023775.D

Acq: 16 Jul 2022 03:58

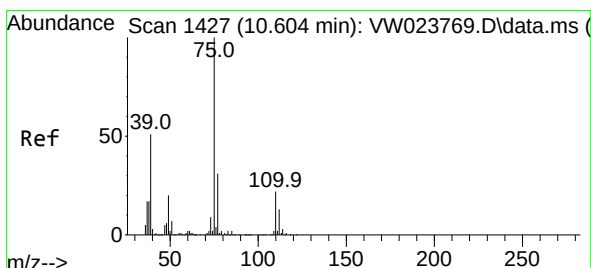
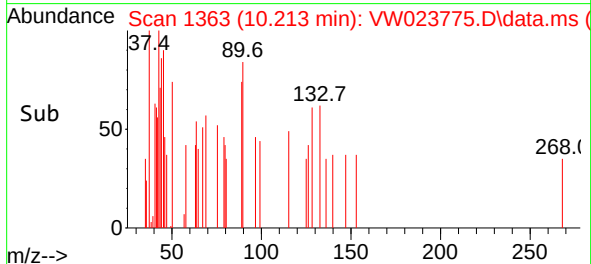
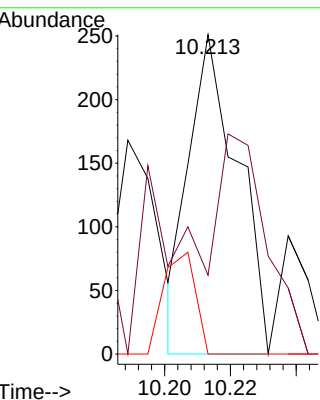
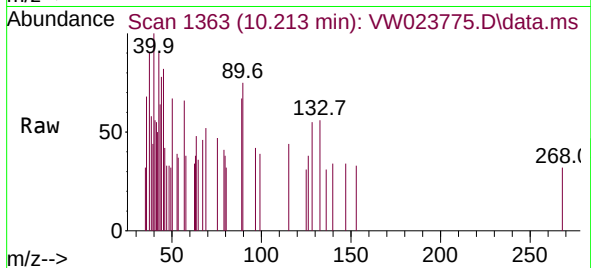
Instrument :

MSVOA_W

ClientSampleId :

F5B63RE

Tgt Ion:	43	Resp:	257
Ion	Ratio	Lower	Upper
43	100		
58	66.1	29.8	44.8#
100	21.0	13.0	19.4#



#44

trans-1,3-Dichloropropene

Concen: 1.332 ug/L

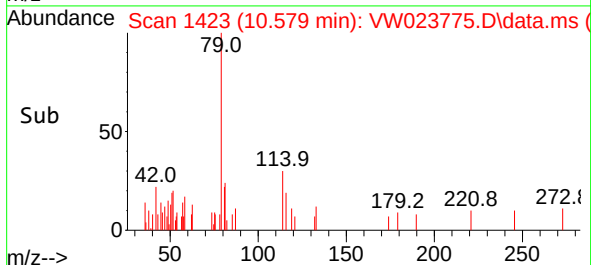
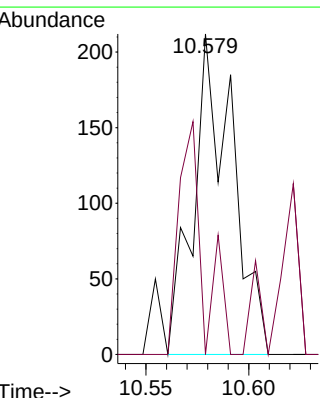
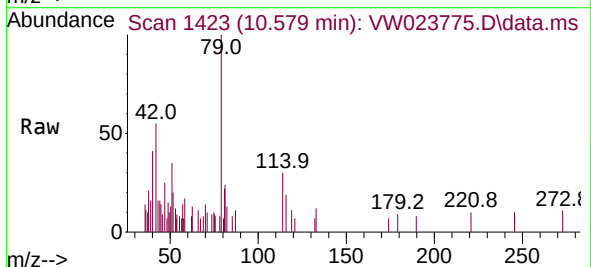
RT: 10.579 min Scan# 1423

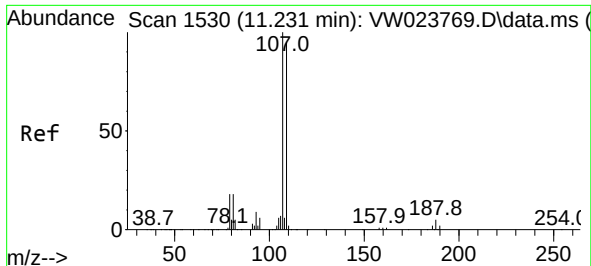
Delta R.T. -0.025 min

Lab File: VW023775.D

Acq: 16 Jul 2022 03:58

Tgt Ion:	75	Resp:	280
Ion	Ratio	Lower	Upper
75	100		
77	0.0	22.0	41.0#





#50

1,2-Dibromoethane

Concen: 0.698 ug/L

RT: 11.109 min Scan# 11

Delta R.T. -0.122 min

Lab File: VW023775.D

Acq: 16 Jul 2022 03:58

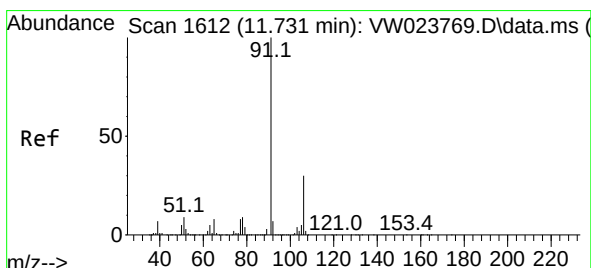
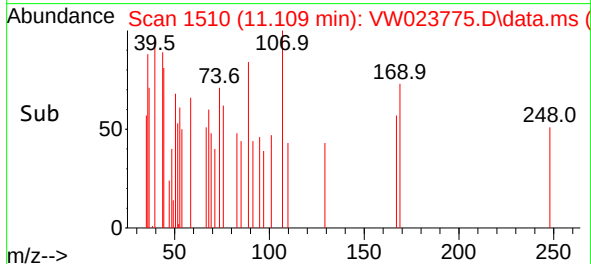
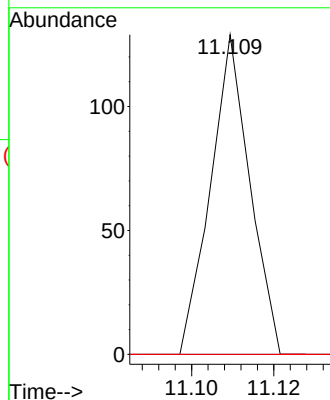
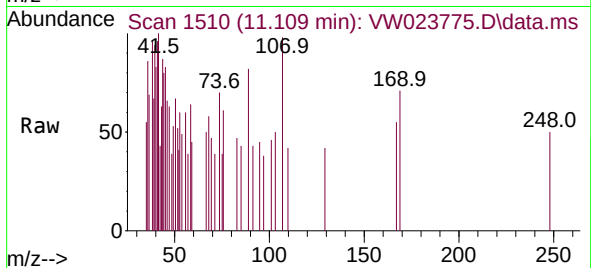
Instrument :

MSVOA_W

ClientSampleId :

F5B63RE

Tgt Ion:	107	Resp:	86
Ion	Ratio	Lower	Upper
107	100		
109	0.0	62.4	116.0#
188	0.0	2.3	3.5#



#52

Ethylbenzene

Concen: 0.575 ug/L

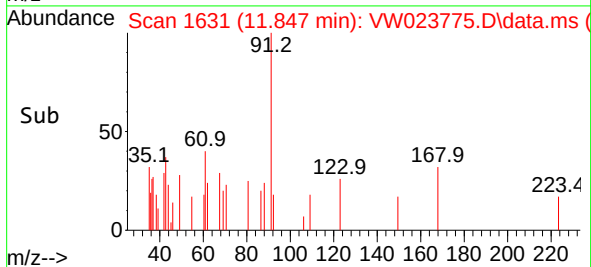
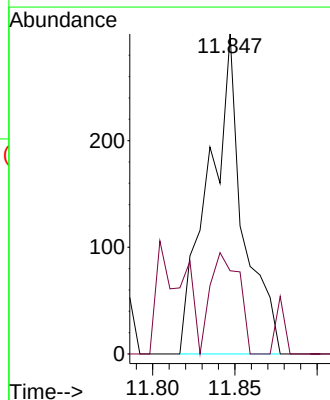
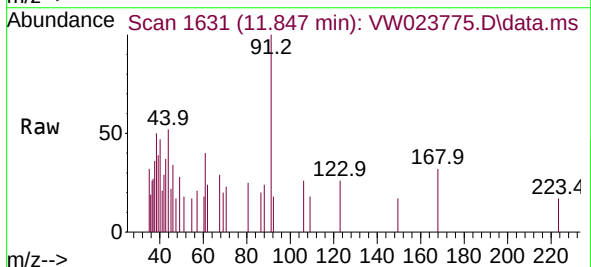
RT: 11.847 min Scan# 1631

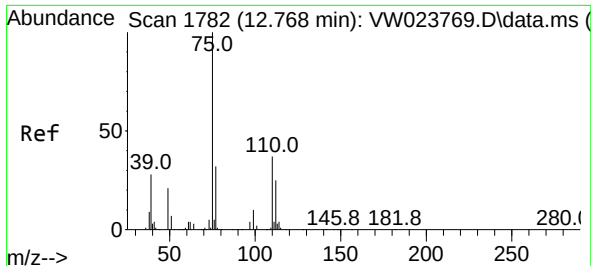
Delta R.T. 0.116 min

Lab File: VW023775.D

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Tgt Ion:	91	Resp:	436
Ion	Ratio	Lower	Upper
91	100		
106	26.0	22.5	41.9

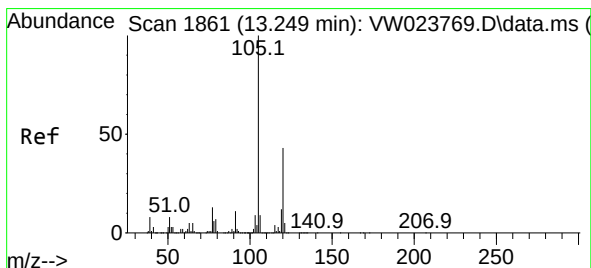
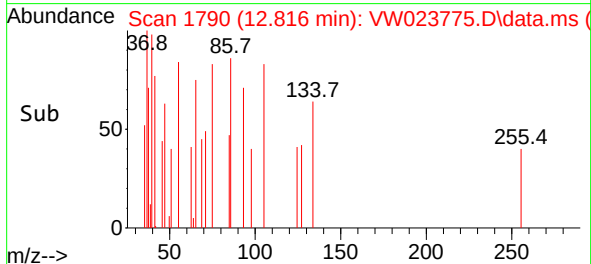
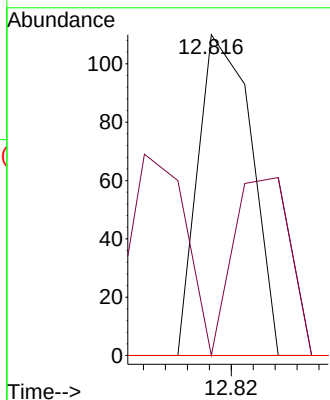
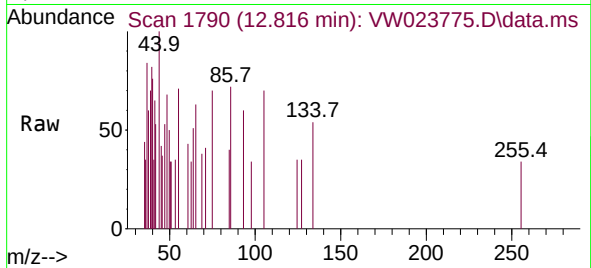




#61
1,2,3-Trichloropropane
Concen: 0.996 ug/L
RT: 12.816 min Scan# 11
Delta R.T. 0.049 min
Lab File: VW023775.D
Acq: 16 Jul 2022 03:58

Instrument :
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Tgt Ion: 75	Resp:	74
Ion Ratio	Lower	Upper
75	100	
77	63.5	25.0 37.4#
110	0.0	31.9 47.9#



#63
1,2,4-Trimethylbenzene
Concen: 0.873 ug/L
RT: 13.243 min Scan# 1860
Delta R.T. -0.006 min
Lab File: VW023775.D
Acq: 16 Jul 2022 03:58

Tgt Ion: 105	Resp:	325
Ion Ratio	Lower	Upper
105	100	
120	0.0	35.5 53.3#

