

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021609.D
 Acq On : 23 Dec 2021 13:15
 Operator : SY/VA
 Sample : M5174-05
 Misc : 7.12g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 00:33:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 00:28:54 2021
 Response via : Initial Calibration

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

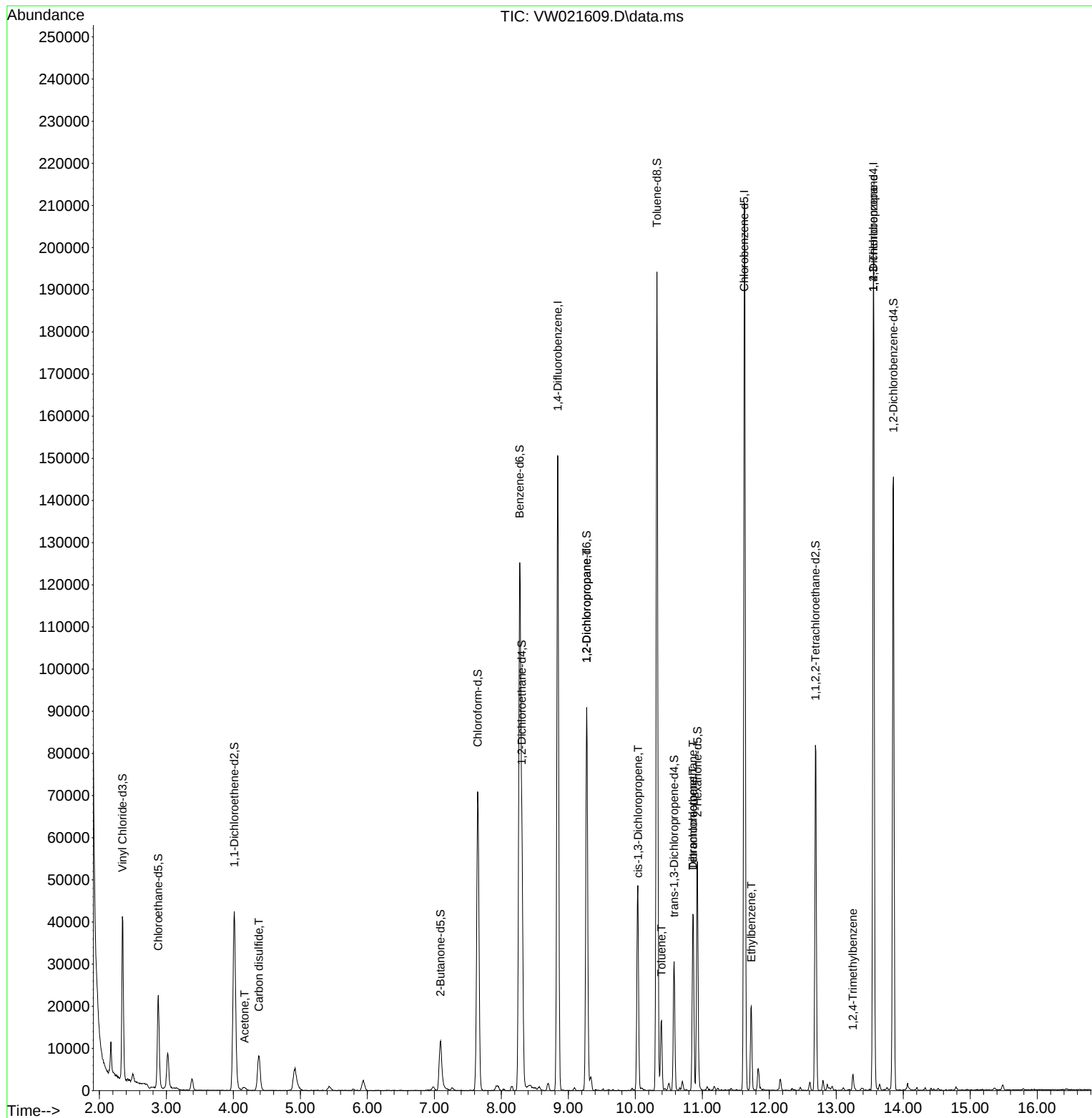
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	126537	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	119022	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	52445	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	31796	13.797	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.200%
7) Chloroethane-d5	2.879	69	24040	15.779	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.120%
11) 1,1-Dichloroethene-d2	4.013	63	39951	13.003	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.000%
21) 2-Butanone-d5	7.092	46	21152	65.113	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.220%
24) Chloroform-d	7.647	84	70059	19.868	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.480%
26) 1,2-Dichloroethane-d4	8.305	65	42544	22.681	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.720%
32) Benzene-d6	8.275	84	127360	19.522	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.080%
36) 1,2-Dichloropropane-d6	9.275	67	38234	21.852	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.400%
41) Toluene-d8	10.323	98	123300	18.497	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	10.579	79	15984	19.841	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.360%
47) 2-Hexanone-d5	10.927	63	18587	71.840	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.680%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	37158	24.705	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	39015	19.195	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.800%
Target Compounds	Qvalue					
13) Acetone	4.166	43	1214	4.169	ug/L	81
14) Carbon disulfide	4.379	76	18083	4.464	ug/L	98
37) 1,2-Dichloropropane	9.275	63	4986	3.448	ug/L	# 88
39) cis-1,3-Dichloropropene	10.043	75	1424	0.625	ug/L	# 73
42) Toluene	10.390	91	12333	1.626	ug/L	100
46) Tetrachloroethene	10.860	164	10025	5.798	ug/L	92
49) Dibromochloromethane	10.860	129	8406	5.760	ug/L	# 10
52) Ethylbenzene	11.731	91	14123	1.630	ug/L	99
61) 1,2,3-Trichloropropane	13.554	75	6051	7.928	ug/L	# 67
63) 1,2,4-Trimethylbenzene	13.249	105	2403	0.402	ug/L	98

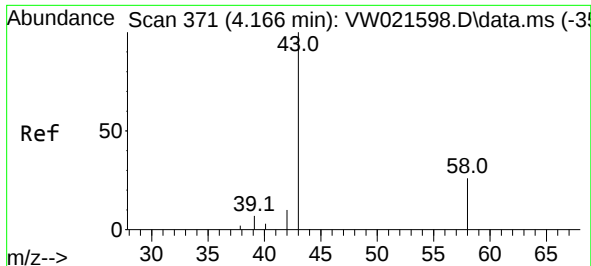
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Dec 24 00:33:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 24 00:28:54 2021
Response via : Initial Calibration

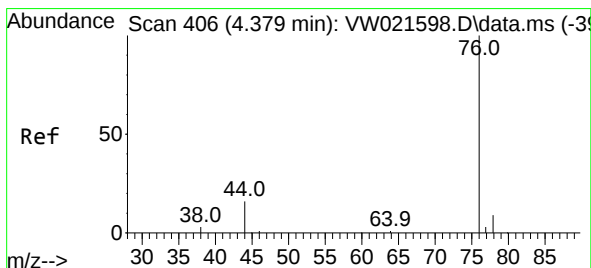
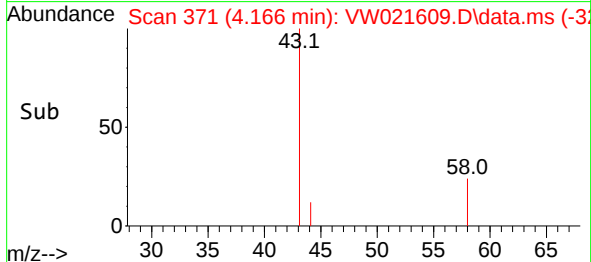
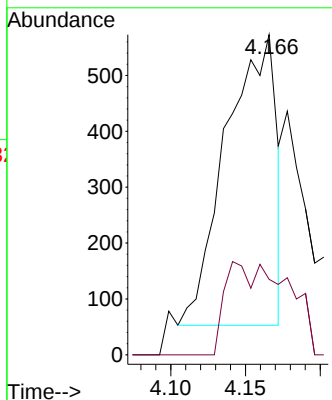
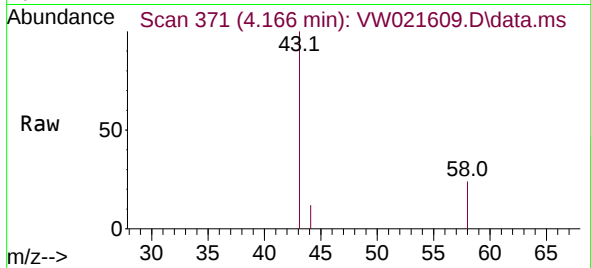




#13
Acetone
Concen: 4.169 ug/L
RT: 4.166 min Scan# 371
Delta R.T. 0.000 min
Lab File: VW021609.D
Acq: 23 Dec 2021 13:15

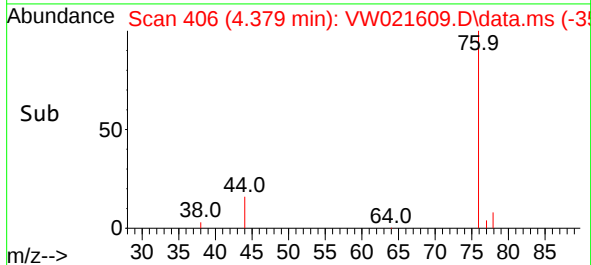
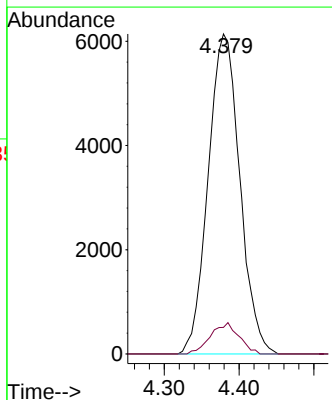
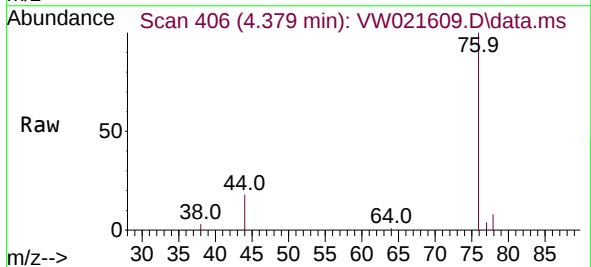
Instrument :
MSVOA_W
ClientSampleId :

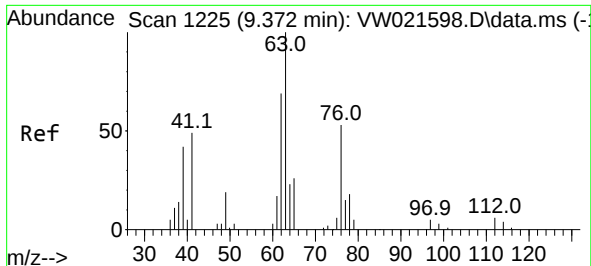
Tgt Ion: 43 Resp: 1214
Ion Ratio Lower Upper
43 100
58 16.8 0.0 52.8



#14
Carbon disulfide
Concen: 4.464 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW021609.D
Acq: 23 Dec 2021 13:15

Tgt Ion: 76 Resp: 18083
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7





#37

1,2-Dichloropropane

Concen: 3.448 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021609.D

Acq: 23 Dec 2021 13:15

Instrument :

MSVOA_W

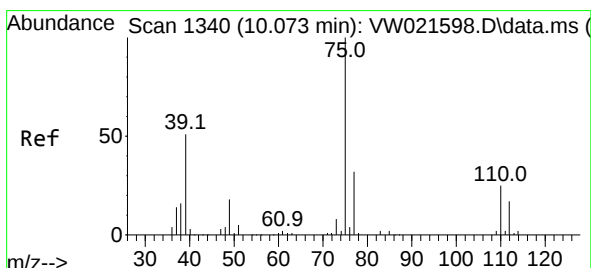
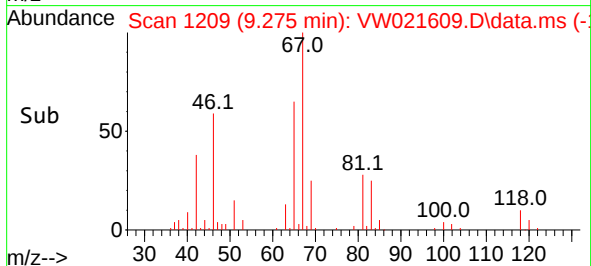
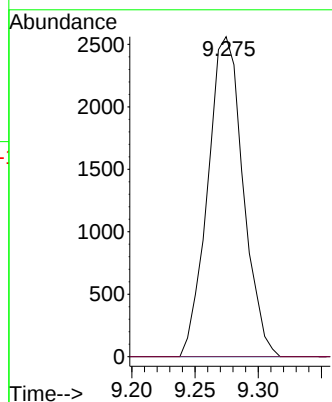
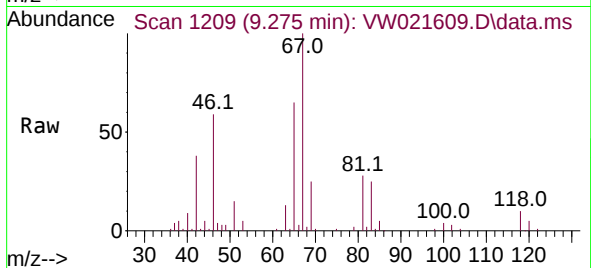
ClientSampleId :

Tgt Ion: 63 Resp: 4986

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.625 ug/L

RT: 10.043 min Scan# 1335

Delta R.T. -0.030 min

Lab File: VW021609.D

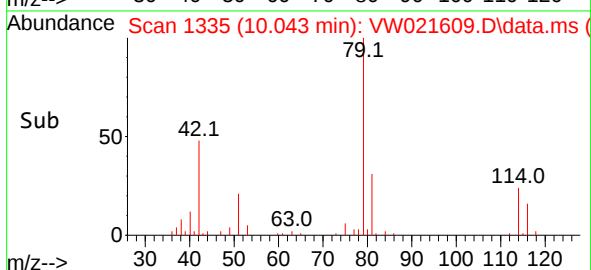
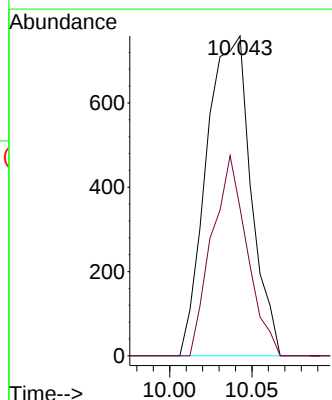
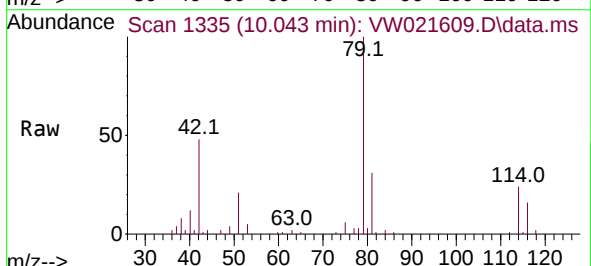
Acq: 23 Dec 2021 13:15

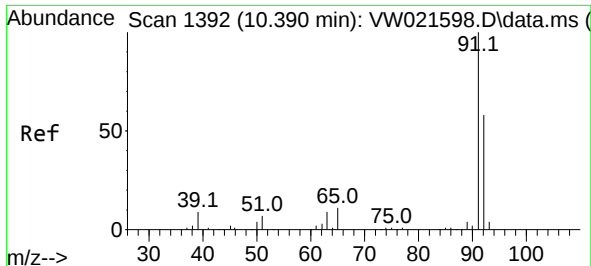
Tgt Ion: 75 Resp: 1424

Ion Ratio Lower Upper

75 100

77 46.1 21.8 40.6#

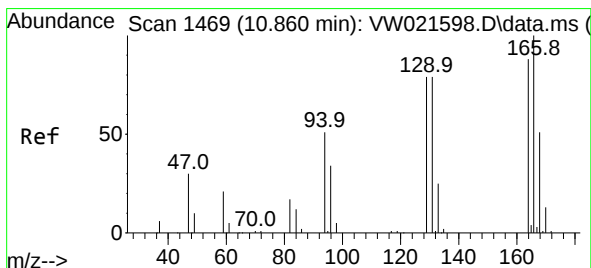
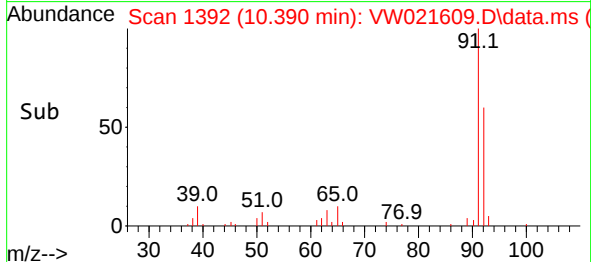
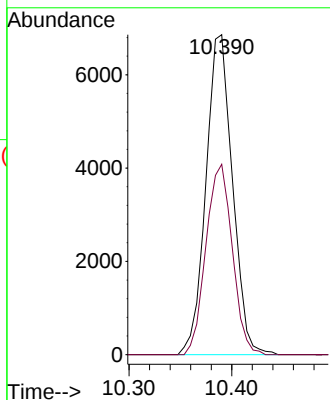
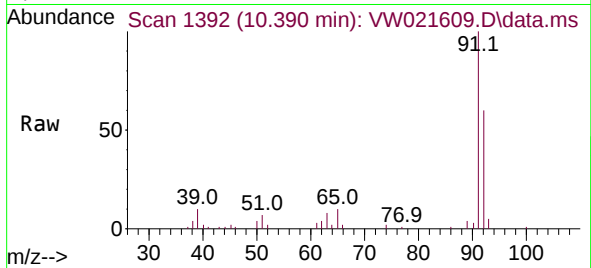




#42
Toluene
Concen: 1.626 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021609.D
Acq: 23 Dec 2021 13:15

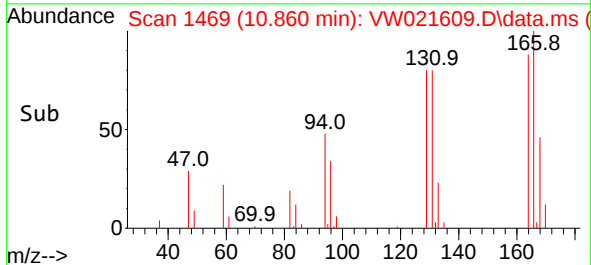
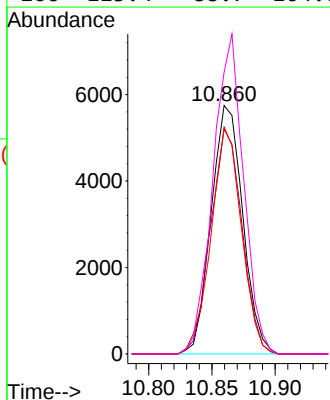
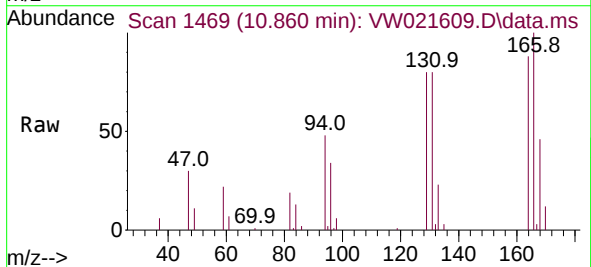
Instrument :
MSVOA_W
ClientSampleId :

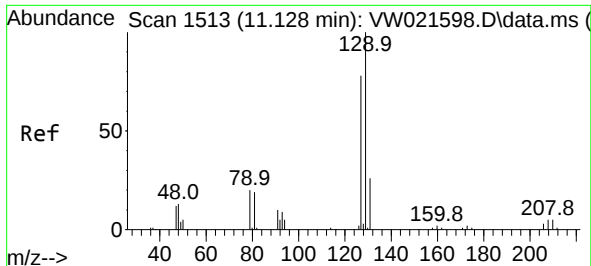
Tgt Ion: 91 Resp: 12333
Ion Ratio Lower Upper
91 100
92 59.5 41.7 77.5



#46
Tetrachloroethene
Concen: 5.798 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021609.D
Acq: 23 Dec 2021 13:15

Tgt Ion:164 Resp: 10025
Ion Ratio Lower Upper
164 100
129 90.6 65.5 121.7
131 91.3 59.7 110.9
166 113.4 88.7 164.7

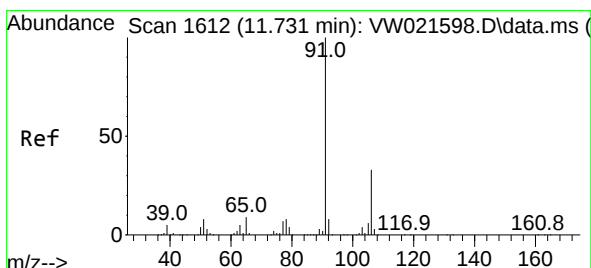
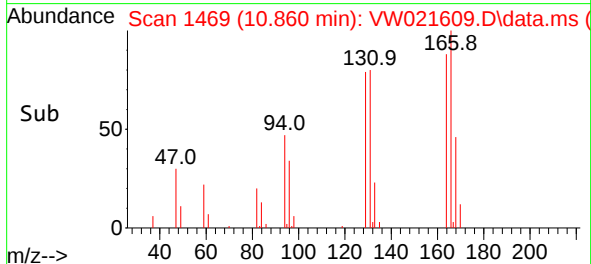
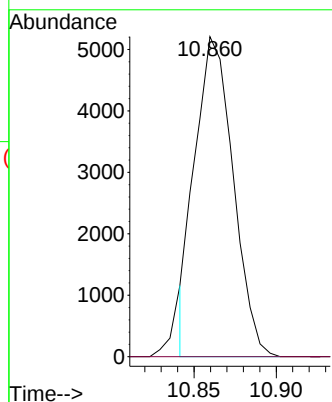
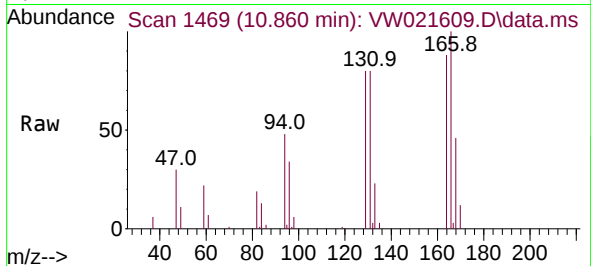




#49
Dibromochloromethane
Concen: 5.760 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021609.D
Acq: 23 Dec 2021 13:15

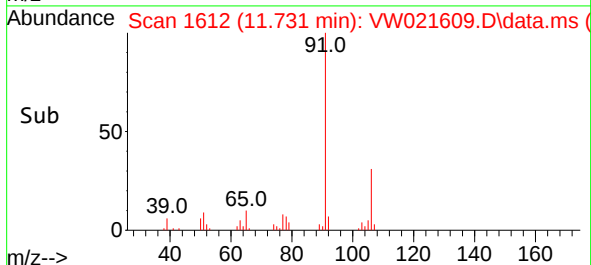
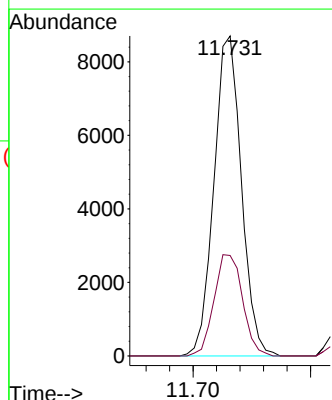
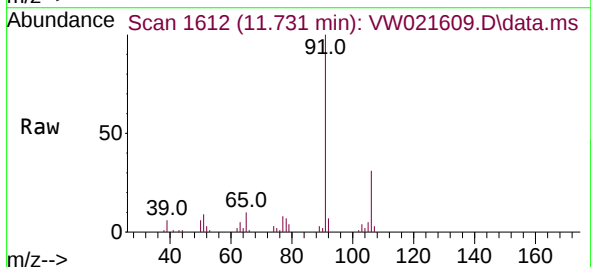
Instrument :
MSVOA_W
ClientSampleId :

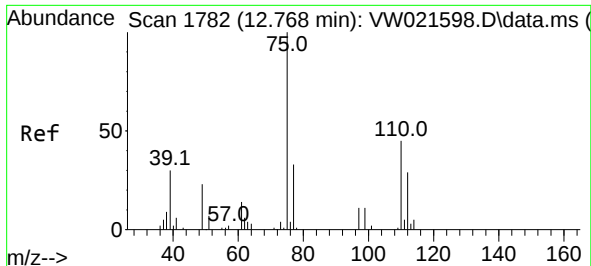
Tgt Ion:129 Resp: 8406
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



#52
Ethylbenzene
Concen: 1.630 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021609.D
Acq: 23 Dec 2021 13:15

Tgt Ion: 91 Resp: 14123
Ion Ratio Lower Upper
91 100
106 31.4 21.5 39.9

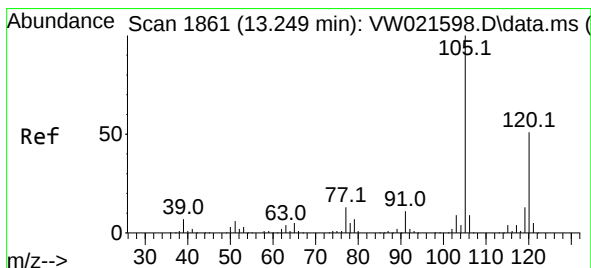
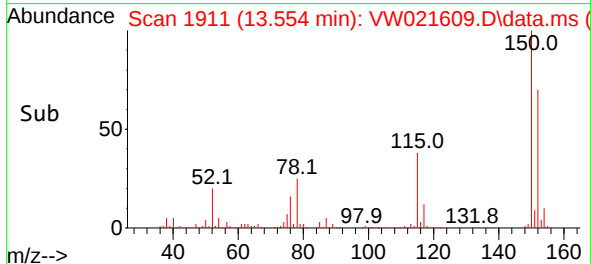
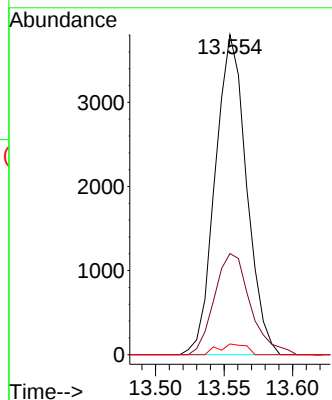
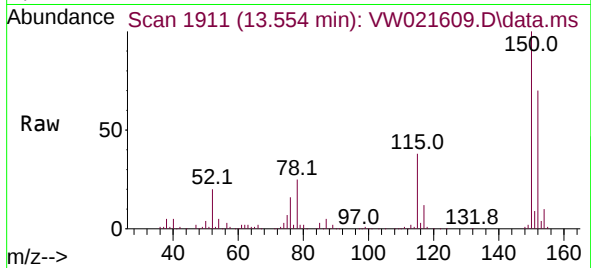




#61
1,2,3-Trichloropropane
Concen: 7.928 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW021609.D
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Instrument :
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ClientSampleId :

Tgt Ion: 75 Resp: 6051
Ion Ratio Lower Upper
75 100
77 36.3 25.8 38.8
110 3.0 29.0 43.4#



#63
1,2,4-Trimethylbenzene
Concen: 0.402 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021609.D
Acq: 23 Dec 2021 13:15

Tgt Ion: 105 Resp: 2403
Ion Ratio Lower Upper
105 100
120 45.0 35.0 52.6

