

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021617.D
 Acq On : 23 Dec 2021 17:29
 Operator : SY/VA
 Sample : M5174-09
 Misc : 5.10g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 01:44:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

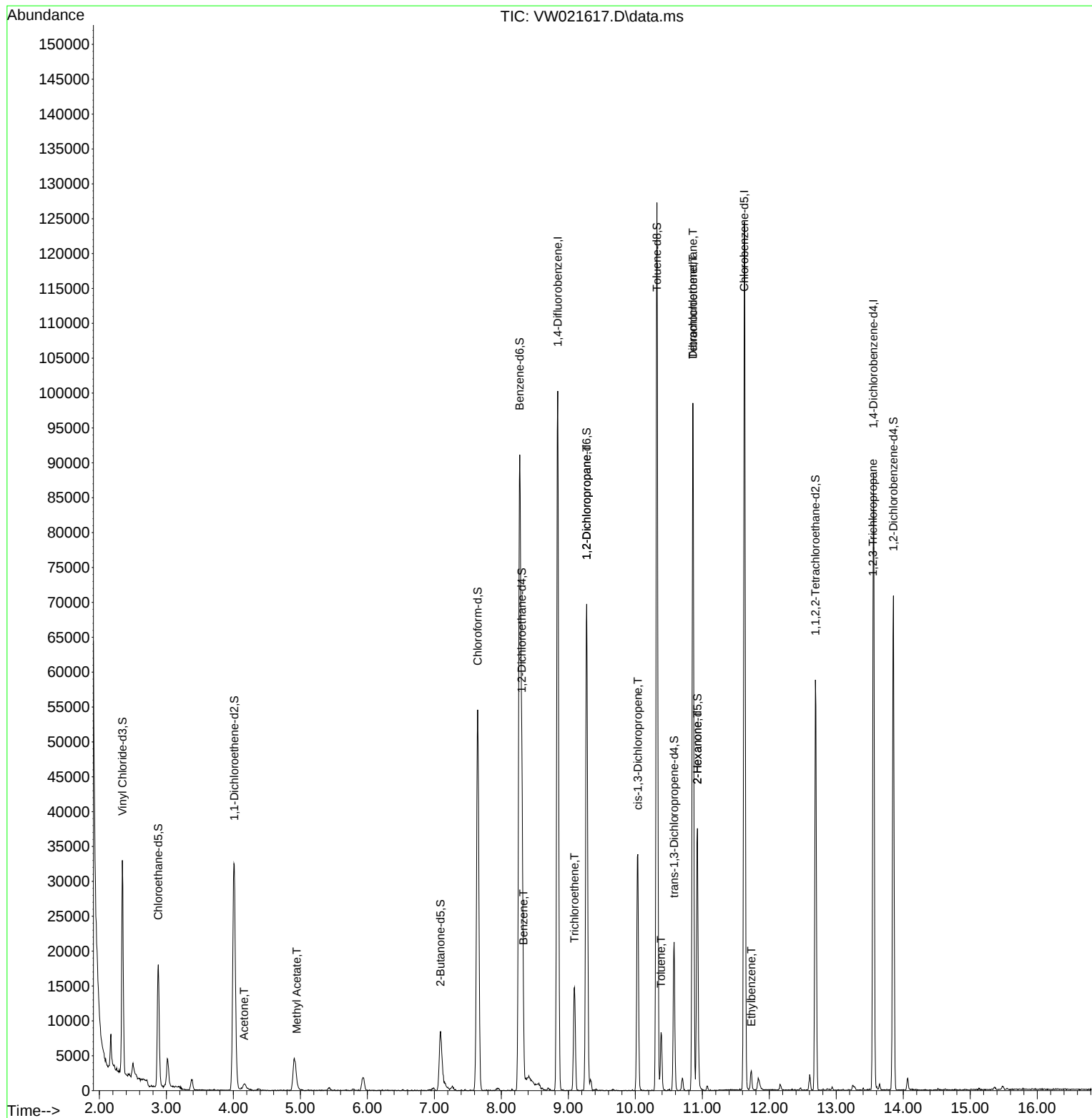
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	85809	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	69211	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	23644	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	26165	16.742	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.960%
7) Chloroethane-d5	2.879	69	20143	19.497	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	4.013	63	31220	14.984	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.920%
21) 2-Butanone-d5	7.092	46	16009	72.671	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	145.340%#
24) Chloroform-d	7.647	84	54668	22.861	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.440%
26) 1,2-Dichloroethane-d4	8.305	65	32832	25.811	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.240%
32) Benzene-d6	8.275	84	93799	24.725	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.880%
36) 1,2-Dichloropropane-d6	9.275	67	29685	29.177	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.720%
41) Toluene-d8	10.323	98	83588	21.565	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.240%
43) trans-1,3-Dichloroprop...	10.579	79	11141	23.782	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.120%
47) 2-Hexanone-d5	10.927	63	12589	83.676	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	167.360%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	26364	30.143	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.560%#
66) 1,2-Dichlorobenzene-d4	13.853	152	18798	20.514	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.040%
Target Compounds						Qvalue
13) Acetone	4.160	43	1310	6.633	ug/L	77
15) Methyl Acetate	4.946	43	463	1.359	ug/L	# 56
33) Benzene	8.330	78	3936	1.044	ug/L	100
34) Trichloroethene	9.092	95	5052	4.773	ug/L	90
37) 1,2-Dichloropropane	9.275	63	3831	4.555	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1075	0.811	ug/L	93
42) Toluene	10.384	91	6415	1.455	ug/L	90
46) Tetrachloroethene	10.860	164	22351	22.231	ug/L	97
48) 2-Hexanone	10.927	43	1577	4.746	ug/L	# 70
49) Dibromochloromethane	10.860	129	18342	21.615	ug/L	# 10
52) Ethylbenzene	11.731	91	2274	0.451	ug/L	96
61) 1,2,3-Trichloropropane	13.548	75	2666	7.748	ug/L	# 62

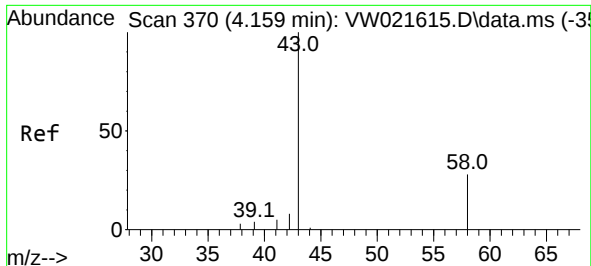
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration





#13

Acetone

Concen: 6.633 ug/L

RT: 4.160 min Scan# 31

Delta R.T. 0.000 min

Lab File: VW021617.D

Acq: 23 Dec 2021 17:29

Instrument :

MSVOA_W

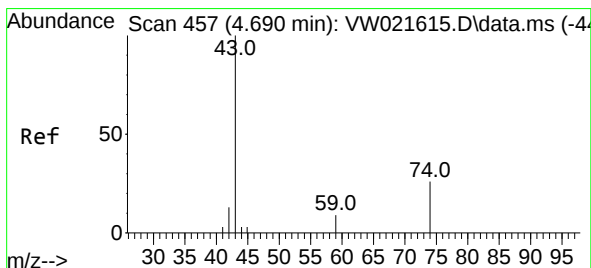
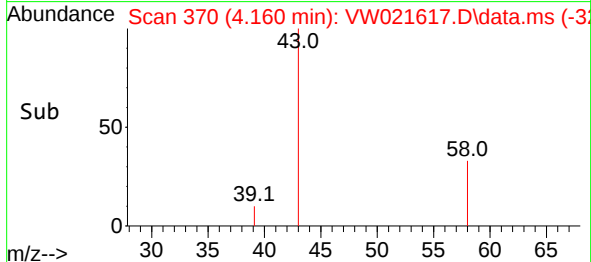
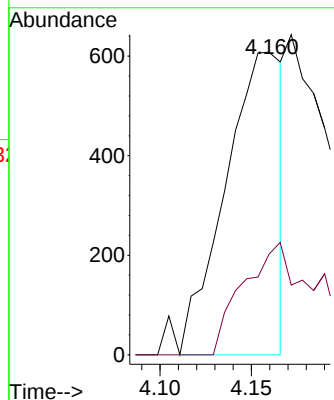
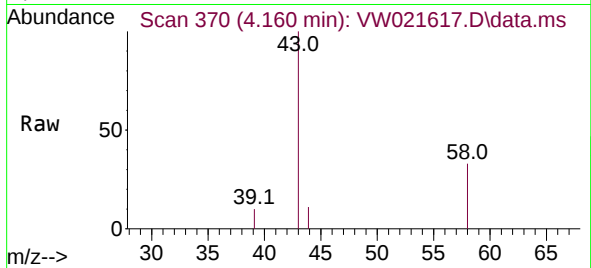
ClientSampleId :

Tgt Ion: 43 Resp: 1310

Ion Ratio Lower Upper

43 100

58 38.2 0.0 52.8



#15

Methyl Acetate

Concen: 1.359 ug/L

RT: 4.946 min Scan# 499

Delta R.T. 0.256 min

Lab File: VW021617.D

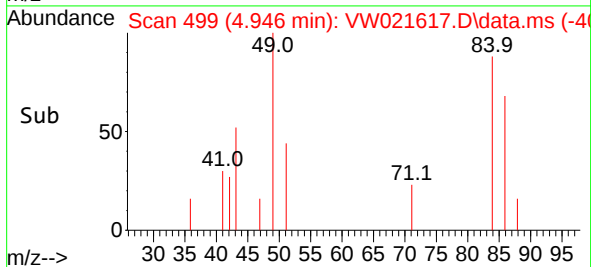
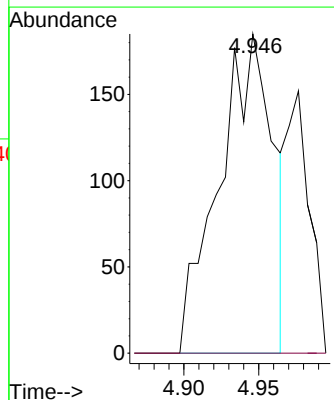
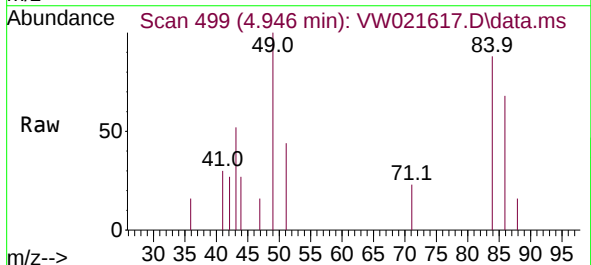
Acq: 23 Dec 2021 17:29

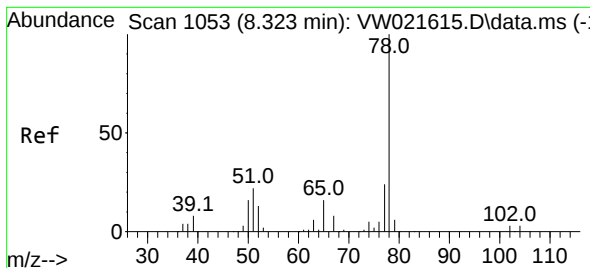
Tgt Ion: 43 Resp: 463

Ion Ratio Lower Upper

43 100

74 0.0 16.4 24.6#





#33

Benzene

Concen: 1.044 ug/L

RT: 8.330 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VW021617.D

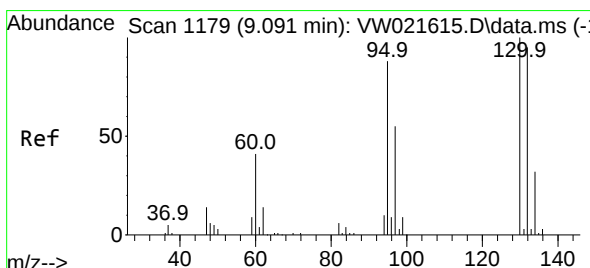
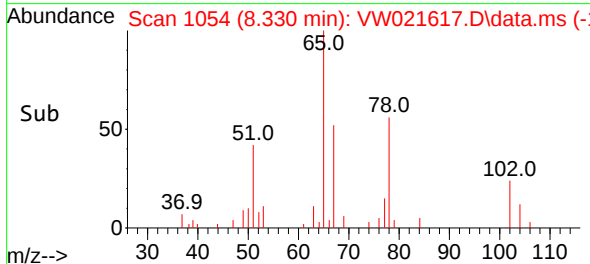
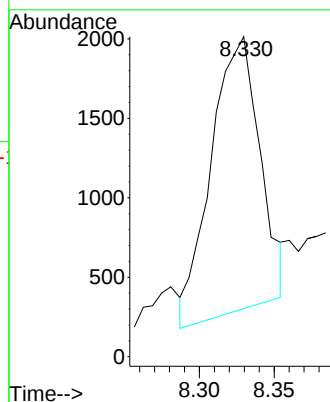
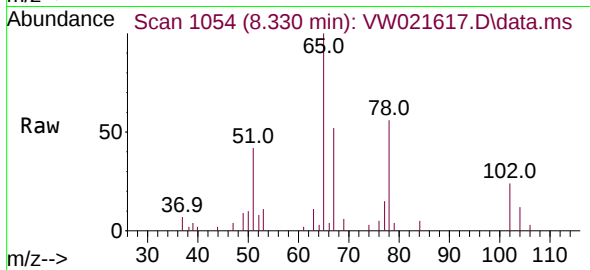
Acq: 23 Dec 2021 17:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 3936



#34

Trichloroethene

Concen: 4.773 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW021617.D

Acq: 23 Dec 2021 17:29

Tgt Ion: 95 Resp: 5052

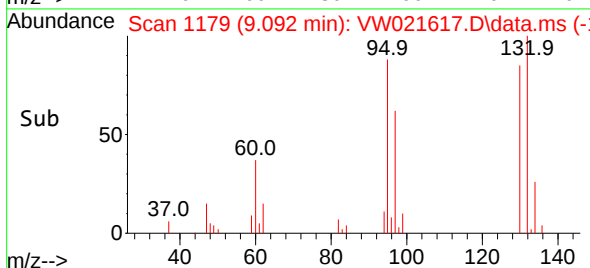
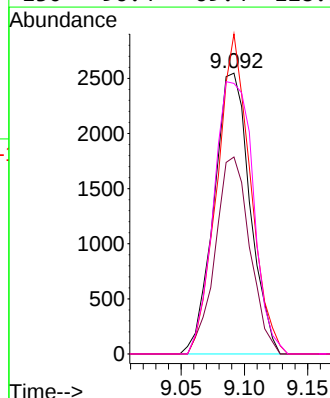
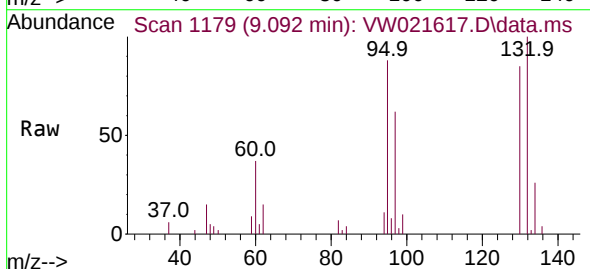
Ion Ratio Lower Upper

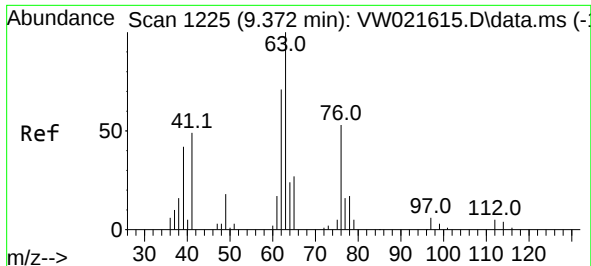
95 100

97 70.2 47.0 87.2

132 114.0 65.5 121.6

130 96.4 69.4 128.8





#37

1,2-Dichloropropane

Concen: 4.555 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW021617.D

Acq: 23 Dec 2021 17:29

Instrument :

MSVOA_W

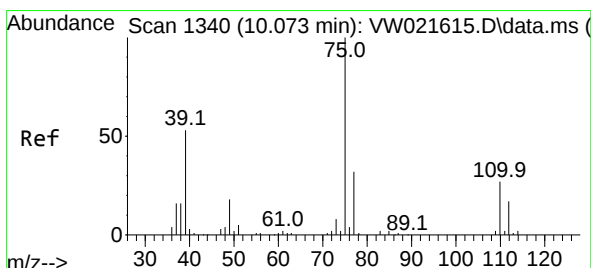
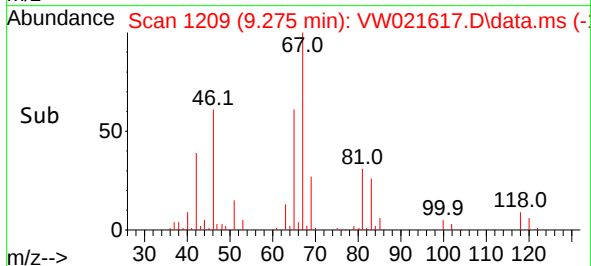
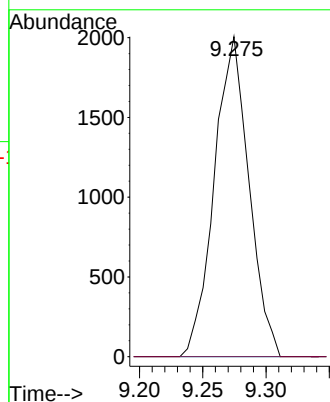
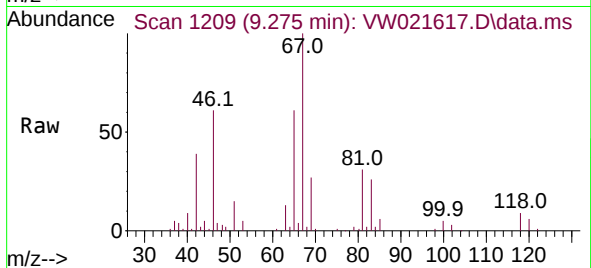
ClientSampleId :

Tgt Ion: 63 Resp: 3831

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.811 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW021617.D

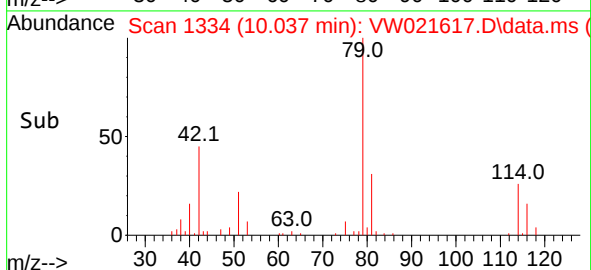
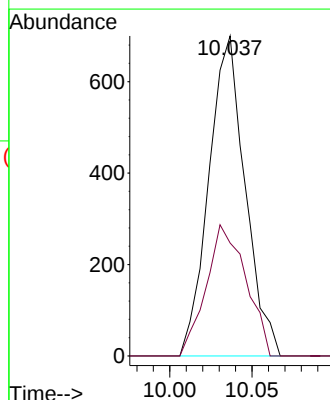
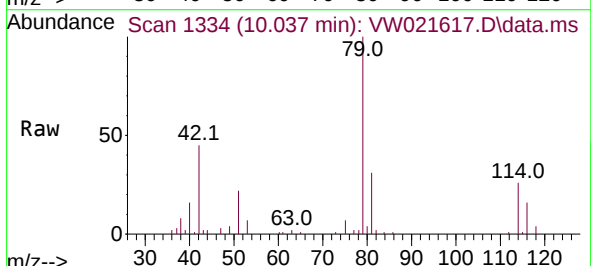
Acq: 23 Dec 2021 17:29

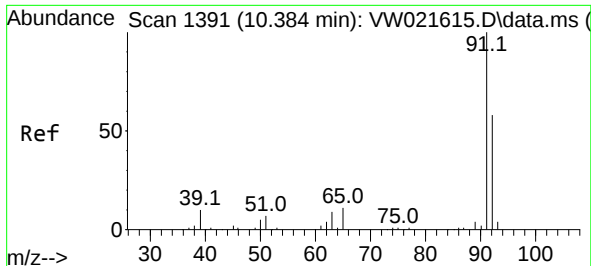
Tgt Ion: 75 Resp: 1075

Ion Ratio Lower Upper

75 100

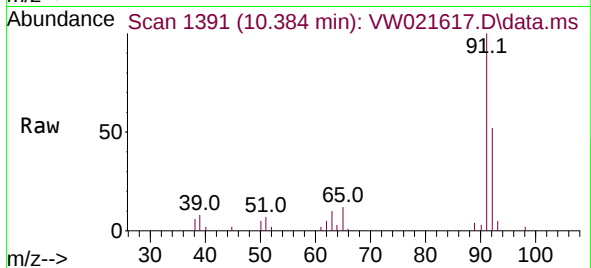
77 35.3 21.8 40.6



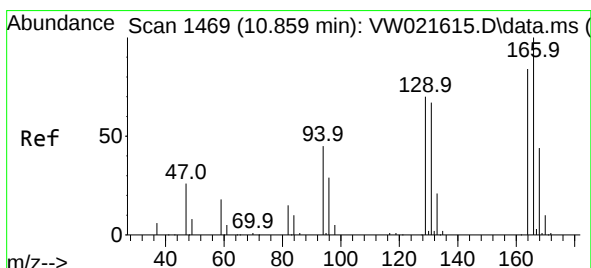
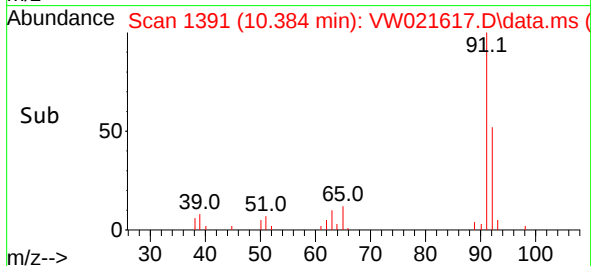
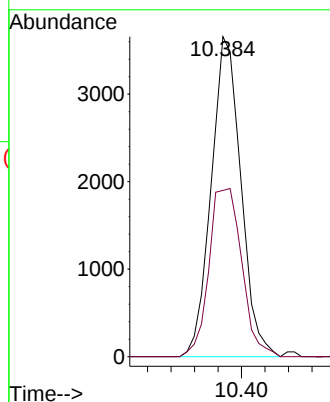


#42
Toluene
Concen: 1.455 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW021617.D
Acq: 23 Dec 2021 17:29

Instrument :
MSVOA_W
ClientSampleId :

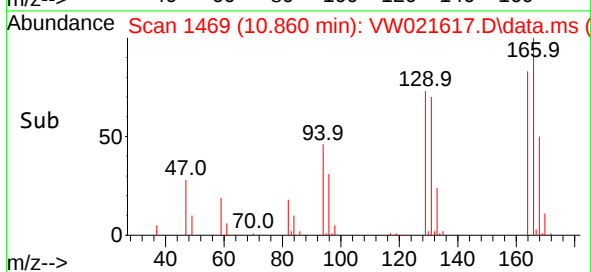
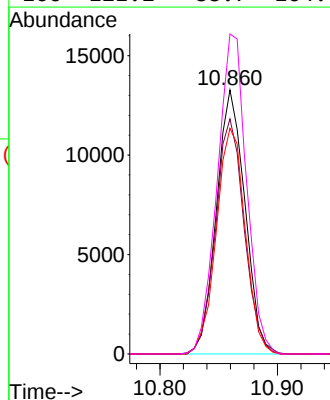
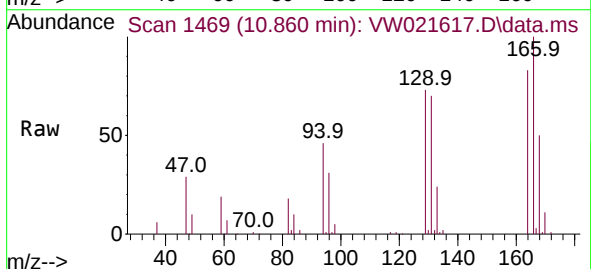


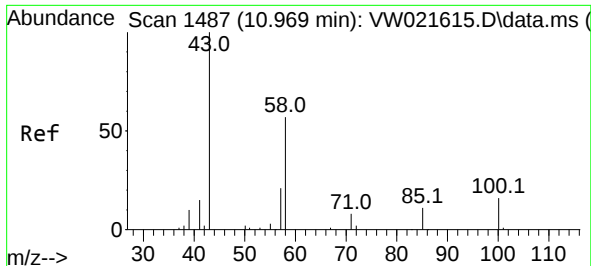
Tgt Ion: 91 Resp: 6415
Ion Ratio Lower Upper
91 100
92 51.9 41.7 77.5



#46
Tetrachloroethene
Concen: 22.231 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021617.D
Acq: 23 Dec 2021 17:29

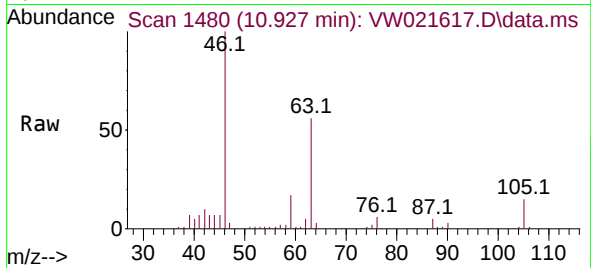
Tgt Ion: 164 Resp: 22351
Ion Ratio Lower Upper
164 100
129 89.0 65.5 121.7
131 85.4 59.7 110.9
166 121.2 88.7 164.7



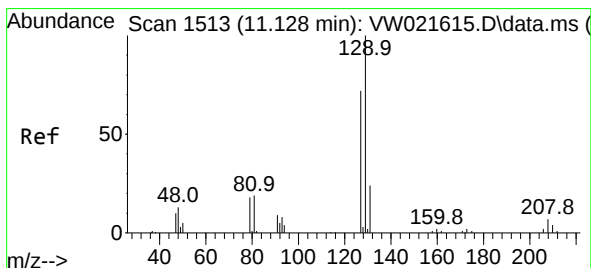
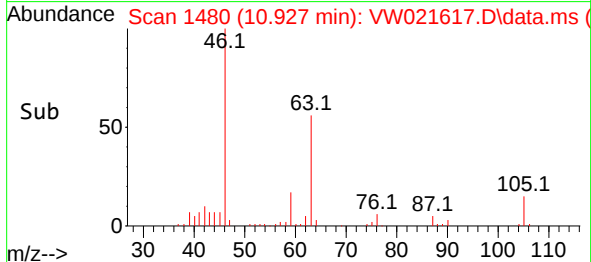
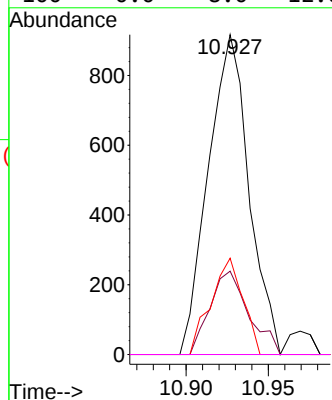


#48
2-Hexanone
Concen: 4.746 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021617.D
Acq: 23 Dec 2021 17:29

Instrument :
MSVOA_W
ClientSampleId :

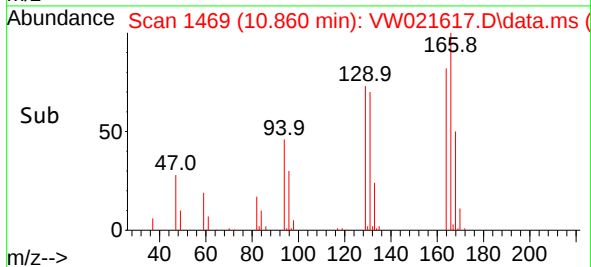
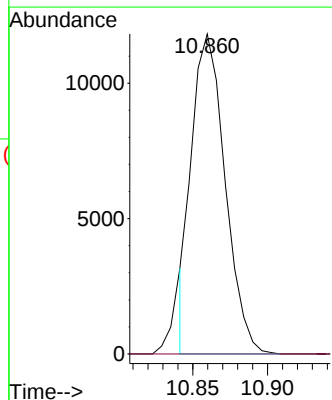
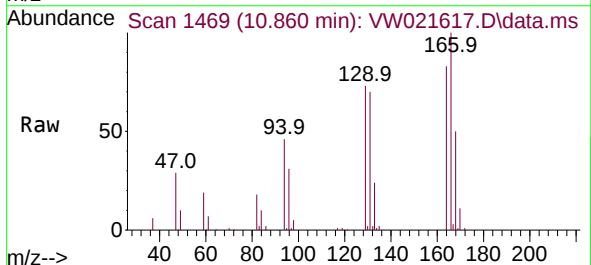


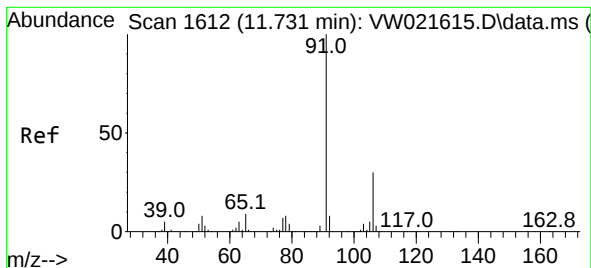
Tgt Ion: 43 Resp: 1577
Ion Ratio Lower Upper
43 100
58 24.8 40.2 60.2#
57 23.8 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 21.615 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021617.D
Acq: 23 Dec 2021 17:29

Tgt Ion:129 Resp: 18342
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#

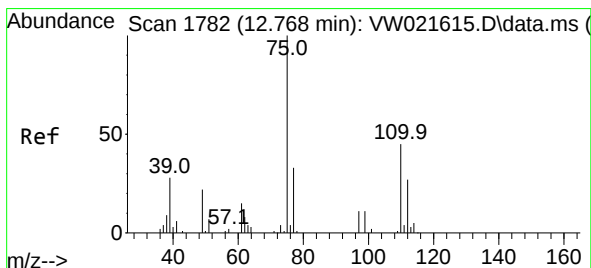
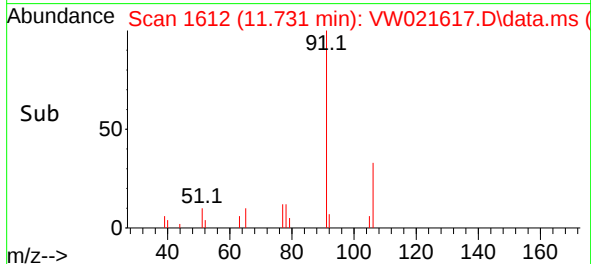
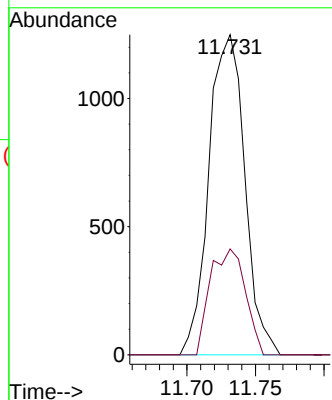
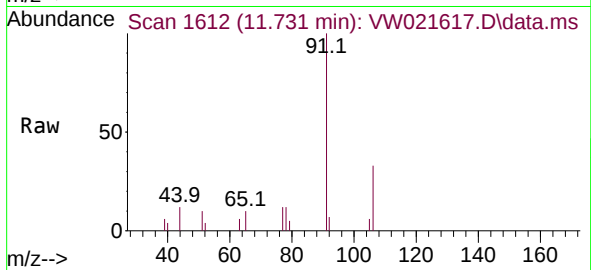




#52
Ethylbenzene
Concen: 0.451 ug/L
RT: 11.731 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021617.D
Acq: 23 Dec 2021 17:29

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 2274
Ion Ratio Lower Upper
91 100
106 33.1 21.5 39.9



#61
1,2,3-Trichloropropane
Concen: 7.748 ug/L
RT: 13.548 min Scan# 1910
Delta R.T. 0.781 min
Lab File: VW021617.D
Acq: 23 Dec 2021 17:29

Tgt Ion: 75 Resp: 2666
Ion Ratio Lower Upper
75 100
77 38.6 25.8 38.8
110 0.0 29.0 43.4#

