

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021626.D
 Acq On : 23 Dec 2021 21:05
 Operator : SY/VA
 Sample : M5171-05RE
 Misc : 6.26g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 01:47:19 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)

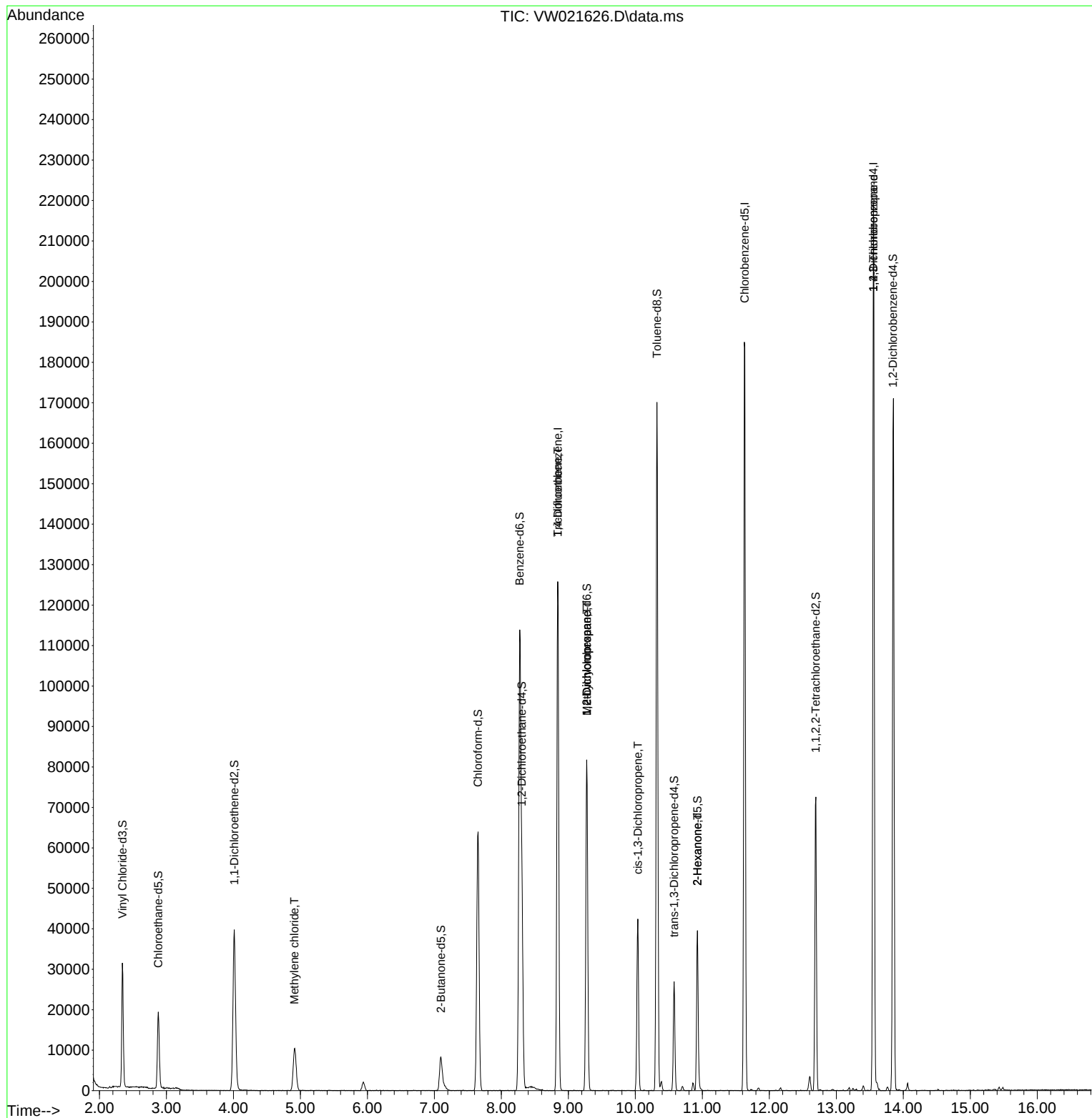
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	110175	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	106989	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	58182	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	29420	14.662	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.640%
7) Chloroethane-d5	2.879	69	21089	15.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.600%
11) 1,1-Dichloroethene-d2	4.013	63	36311	13.574	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.280%
21) 2-Butanone-d5	7.098	46	16159	57.130	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.260%
24) Chloroform-d	7.652	84	65351	21.285	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.120%
26) 1,2-Dichloroethane-d4	8.305	65	37155	22.750	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	8.274	84	116600	19.883	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.520%
36) 1,2-Dichloropropane-d6	9.274	67	35116	22.327	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.320%
41) Toluene-d8	10.323	98	112032	18.697	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	10.579	79	13893	19.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.720%
47) 2-Hexanone-d5	10.926	63	13543	58.232	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.460%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	33021	24.423	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.680%
66) 1,2-Dichlorobenzene-d4	13.846	152	45837	20.328	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.320%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.909	84	8486	4.661	ug/L	83
34) Trichloroethene	8.841	95	3296	2.015	ug/L	# 5
35) Methylcyclohexane	9.274	83	9259	3.431	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	4465	3.435	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1242	0.606	ug/L	# 70
48) 2-Hexanone	10.926	43	1658	3.228	ug/L	# 72
61) 1,2,3-Trichloropropane	13.554	75	6295	7.434	ug/L	# 69

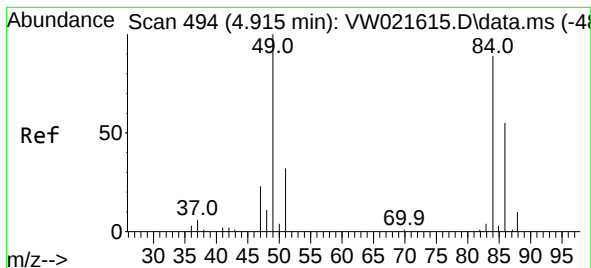
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021626.D
Acq On : 23 Dec 2021 21:05
Operator : SY/VA
Sample : M5171-05RE
Misc : 6.26g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 24 01:47:19 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





#16

Methylene chloride

Concen: 4.661 ug/L

RT: 4.909 min Scan# 49

Delta R.T. -0.006 min

Lab File: VW021626.D

Acq: 23 Dec 2021 21:05

Instrument :

MSVOA_W

ClientSampleId :

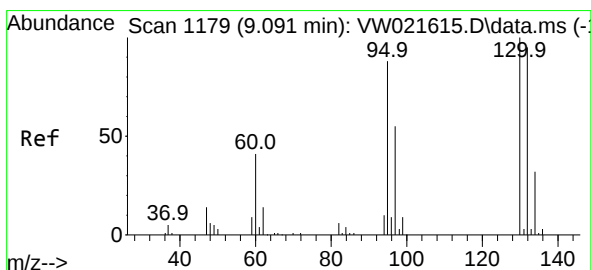
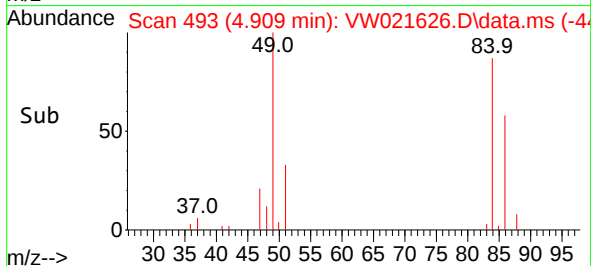
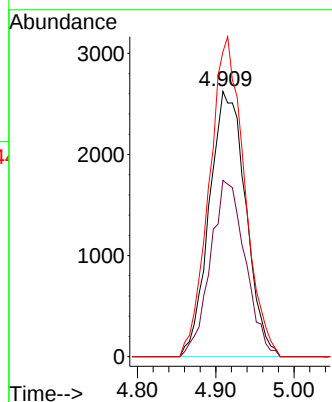
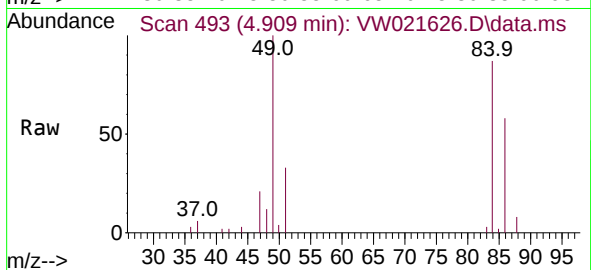
Tgt Ion: 84 Resp: 8486

Ion Ratio Lower Upper

84 100

86 66.5 45.5 84.5

49 114.9 100.5 186.7



#34

Trichloroethene

Concen: 2.015 ug/L

RT: 8.841 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021626.D

Acq: 23 Dec 2021 21:05

Tgt Ion: 95 Resp: 3296

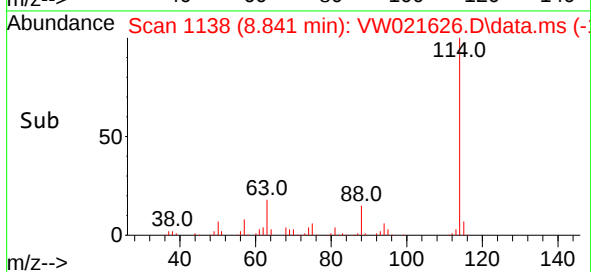
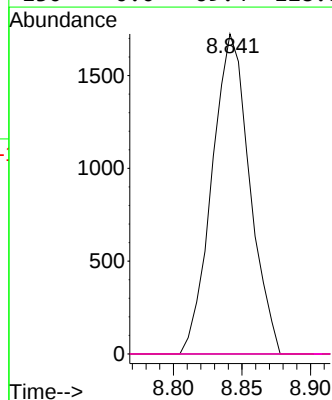
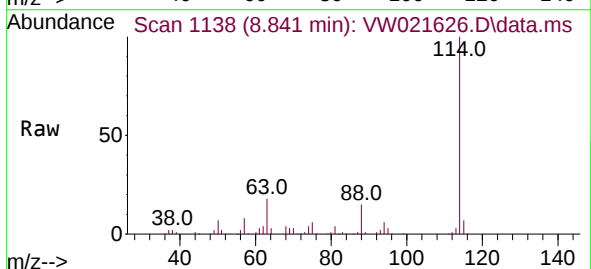
Ion Ratio Lower Upper

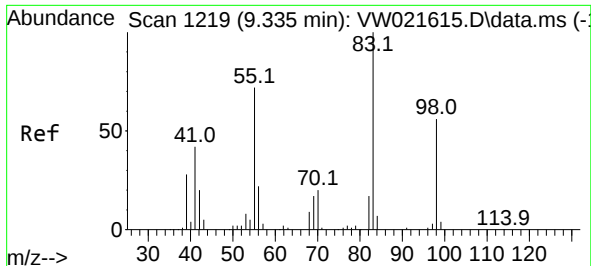
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 3.431 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021626.D

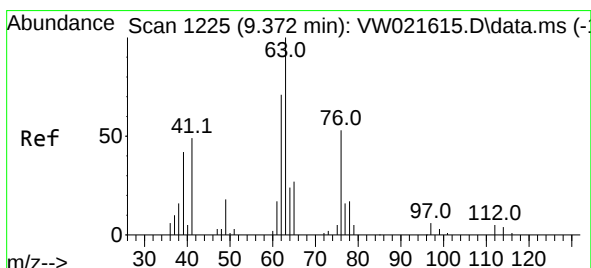
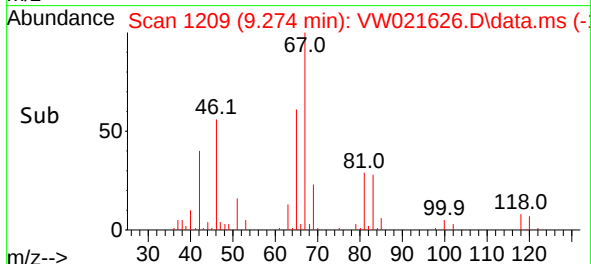
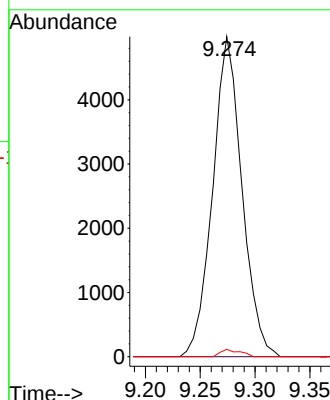
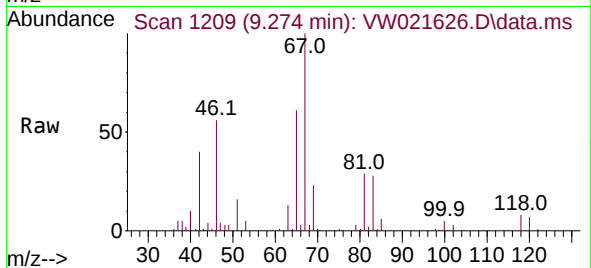
Acq: 23 Dec 2021 21:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 9259
Ion Ratio	Lower Upper
83	100
55	0.0 70.8 106.2#
98	1.5 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.435 ug/L

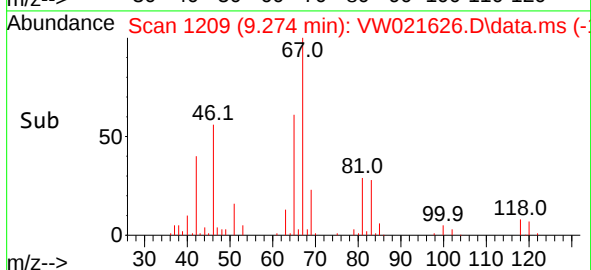
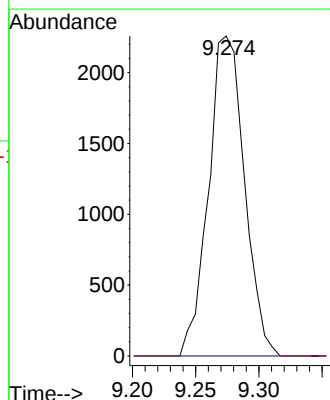
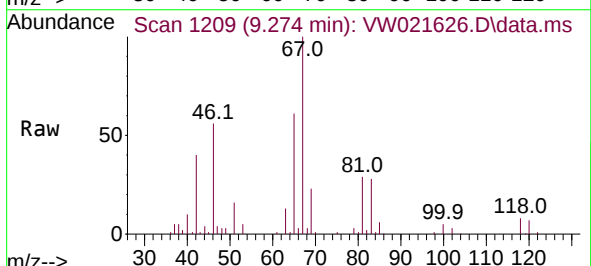
RT: 9.274 min Scan# 1209

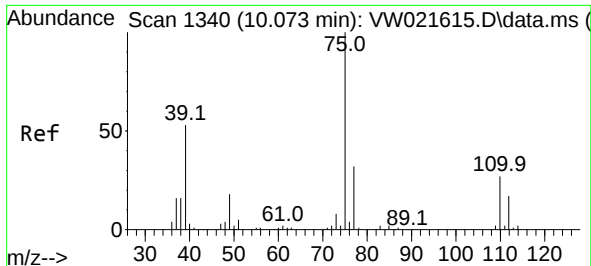
Delta R.T. -0.098 min

Lab File: VW021626.D

Acq: 23 Dec 2021 21:05

Tgt Ion: 63	Resp: 4465
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.606 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021626.D

Acq: 23 Dec 2021 21:05

Instrument :

MSVOA_W

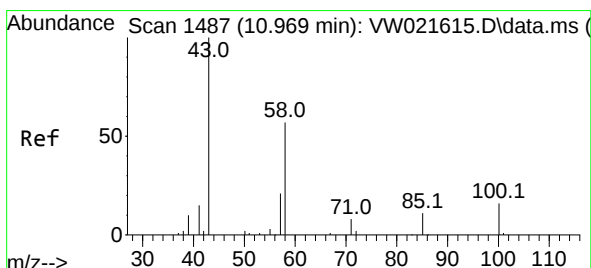
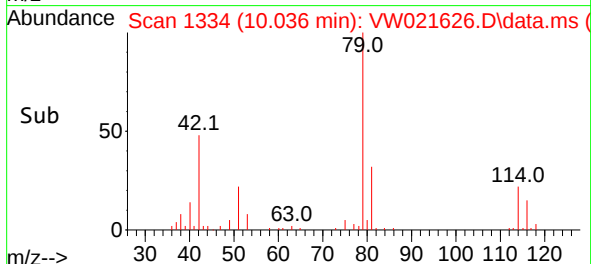
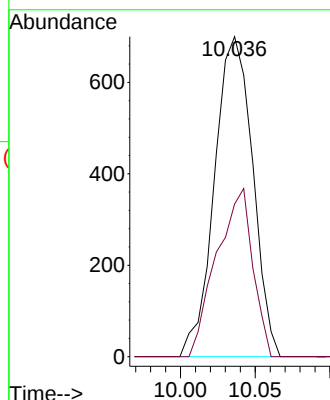
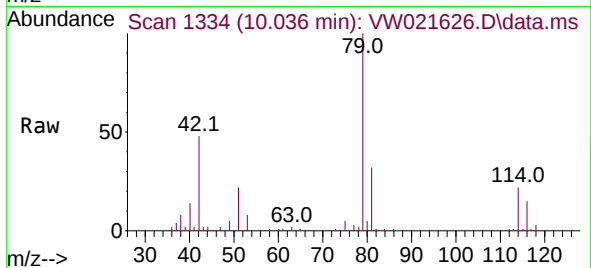
ClientSampleId :

Tgt Ion: 75 Resp: 1242

Ion Ratio Lower Upper

75 100

77 47.7 21.8 40.6#



#48

2-Hexanone

Concen: 3.228 ug/L

RT: 10.926 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW021626.D

Acq: 23 Dec 2021 21:05

Tgt Ion: 43 Resp: 1658

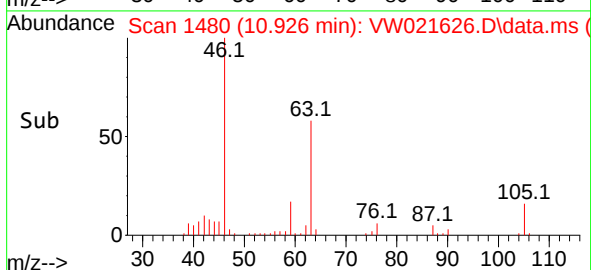
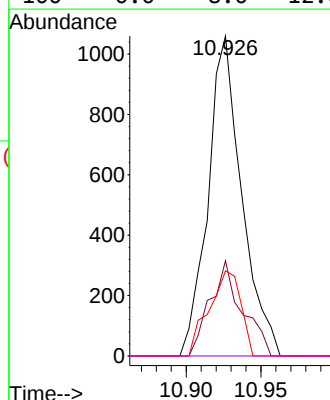
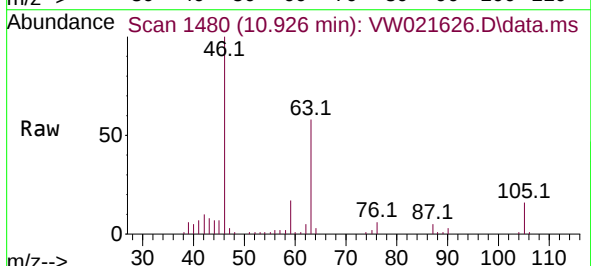
Ion Ratio Lower Upper

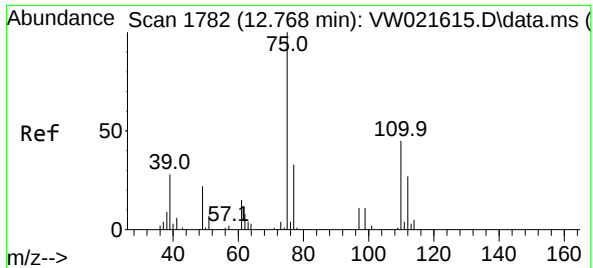
43 100

58 28.3 40.2 60.2#

57 25.1 14.3 21.5#

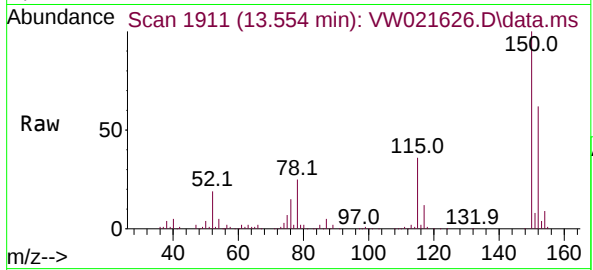
100 0.0 8.0 12.0#





#61
 1,2,3-Trichloropropane
 Concen: 7.434 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021626.D
 Acq: 23 Dec 2021 21:05

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	6295
Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.8	38.8
110	4.4	29.0	43.4#

