

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121621\
 Data File : VW021413.D
 Acq On : 16 Dec 2021 14:29
 Operator : SY/VA
 Sample : M5101-17RE
 Misc : 5.54g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 01:00:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

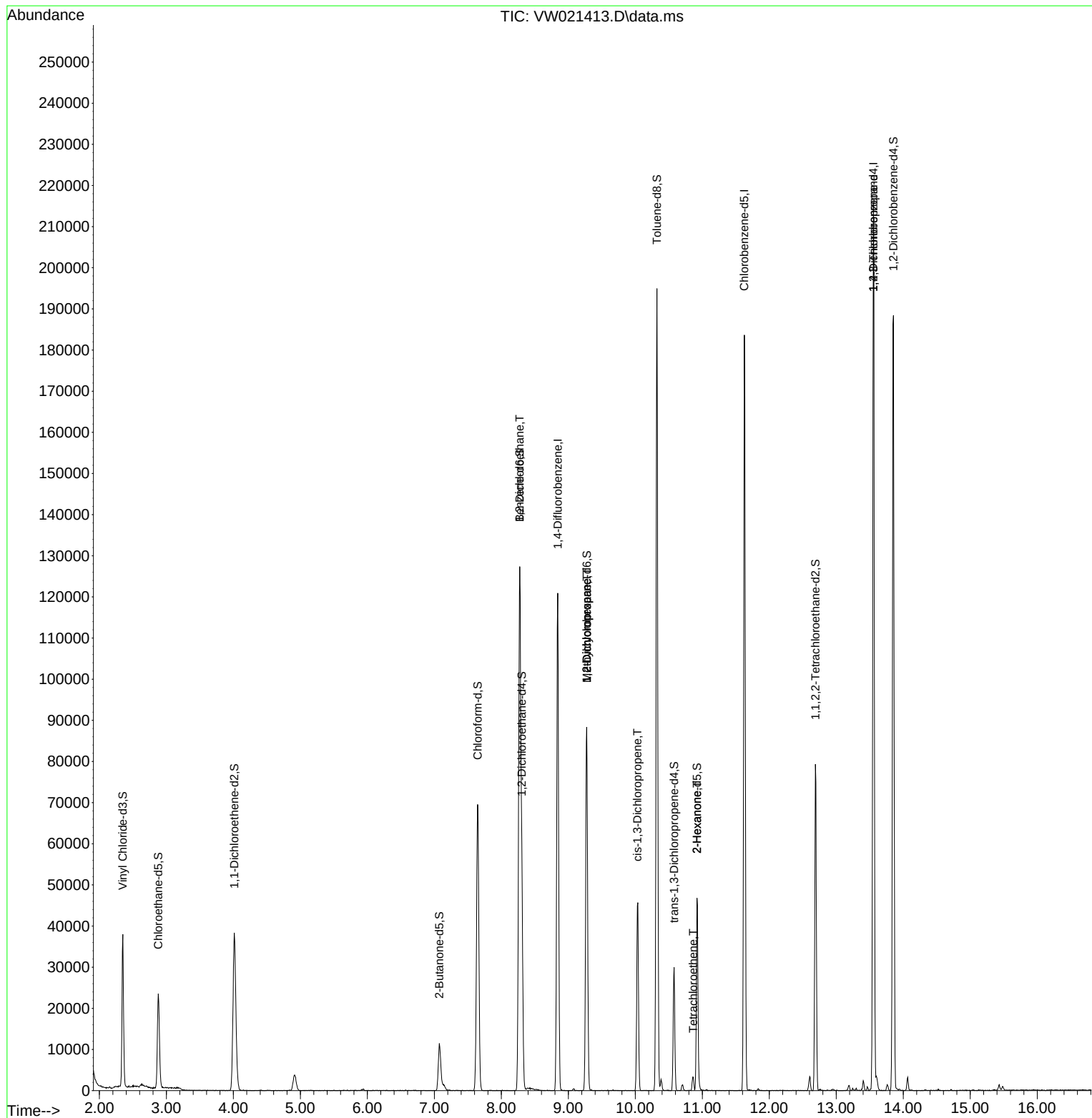
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	103324	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	101929	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	58992	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	35316	18.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.080%
7) Chloroethane-d5	2.879	69	28030	22.532	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.120%
11) 1,1-Dichloroethene-d2	4.013	63	36040	14.365	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.480%
21) 2-Butanone-d5	7.074	46	18566	69.992	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.980%#
24) Chloroform-d	7.647	84	69788	24.237	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.960%
26) 1,2-Dichloroethane-d4	8.305	65	39932	26.071	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.280%
32) Benzene-d6	8.275	84	127862	22.885	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.560%
36) 1,2-Dichloropropane-d6	9.274	67	37343	24.922	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.680%
41) Toluene-d8	10.323	98	125701	22.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.080%
43) trans-1,3-Dichloroprop...	10.579	79	15332	22.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.880%
47) 2-Hexanone-d5	10.920	63	15318	69.134	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.260%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	35970	27.925	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	49489	21.646	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	8.275	62	894	0.559	ug/L	# 77
35) Methylcyclohexane	9.274	83	9922	3.859	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	4771	3.852	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	1371	0.702	ug/L	# 80
46) Tetrachloroethene	10.866	164	837	0.565	ug/L	# 85
48) 2-Hexanone	10.920	43	2132	4.356	ug/L	# 66
61) 1,2,3-Trichloropropane	13.554	75	6527	7.602	ug/L	# 69

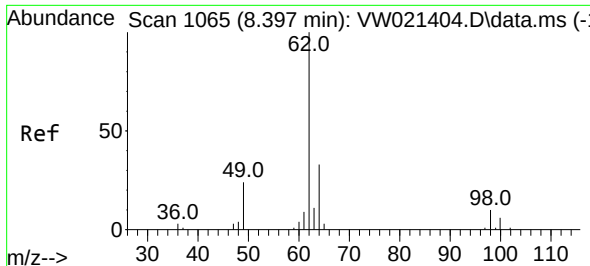
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 17 00:58:26 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.559 ug/L

RT: 8.275 min Scan# 1065

Delta R.T. -0.122 min

Lab File: VW021413.D

Acq: 16 Dec 2021 14:29

Instrument :

MSVOA_W

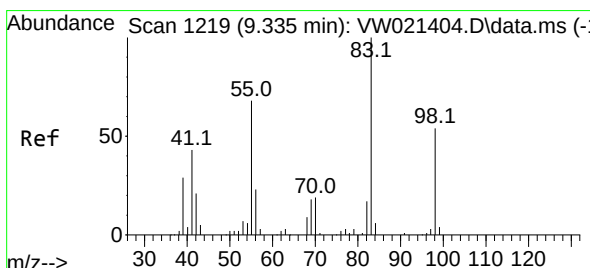
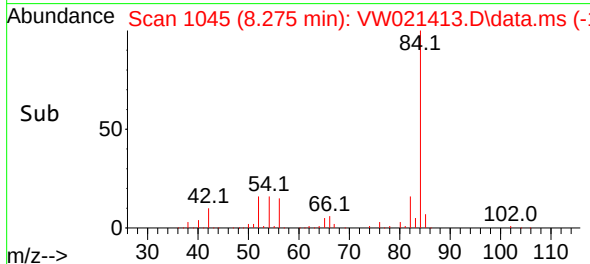
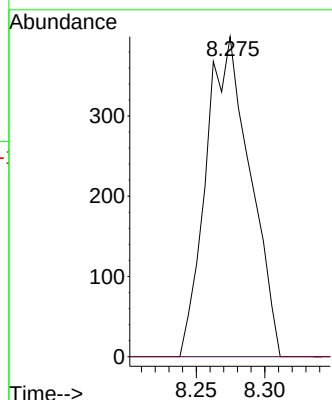
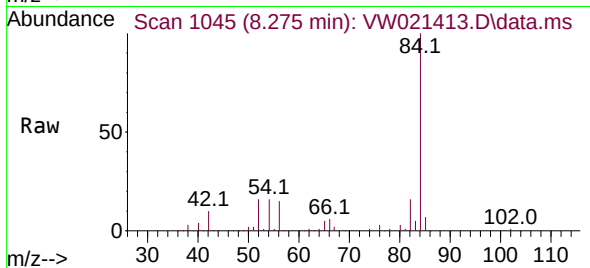
ClientSampleId :

Tgt Ion: 62 Resp: 894

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#35

Methylcyclohexane

Concen: 3.859 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021413.D

Acq: 16 Dec 2021 14:29

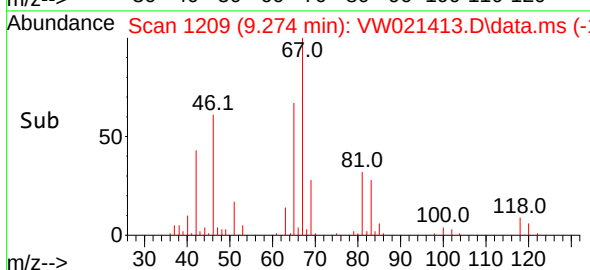
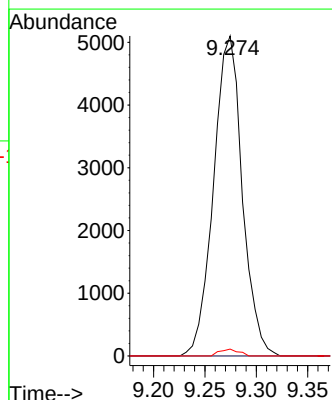
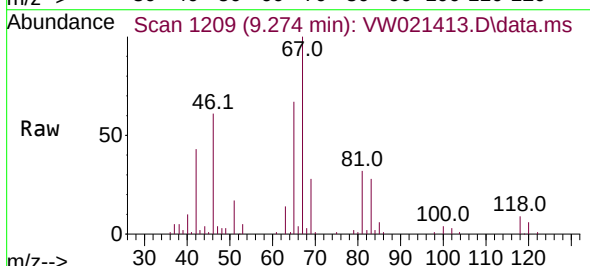
Tgt Ion: 83 Resp: 9922

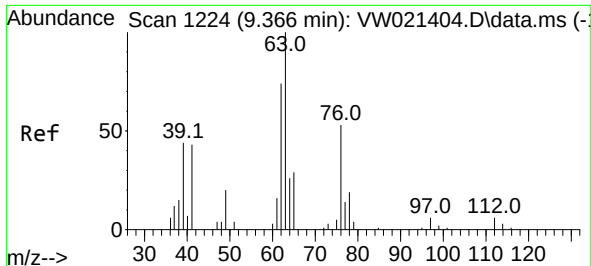
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.4 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.852 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021413.D

Acq: 16 Dec 2021 14:29

Instrument :

MSVOA_W

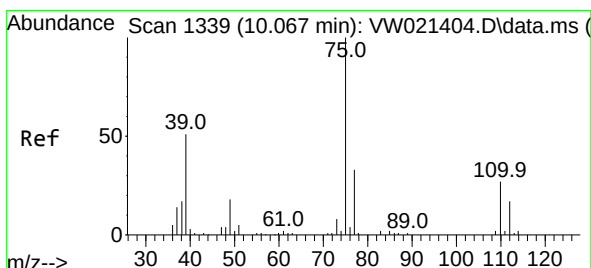
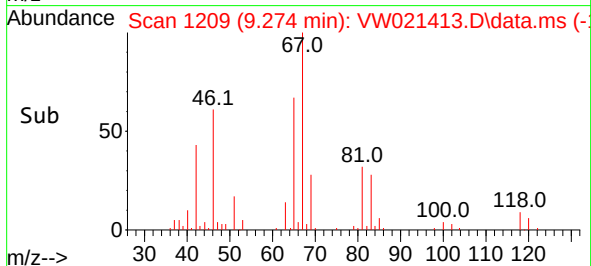
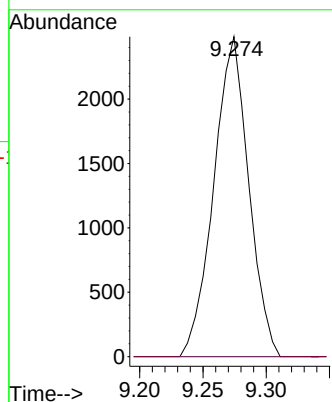
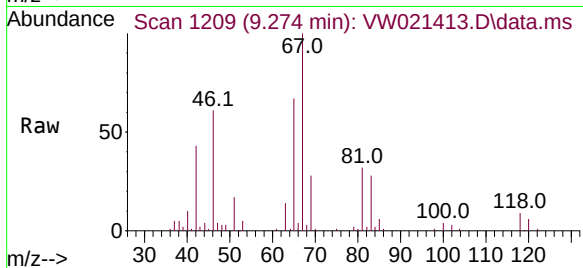
ClientSampleId :

Tgt Ion: 63 Resp: 4771

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.702 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.037 min

Lab File: VW021413.D

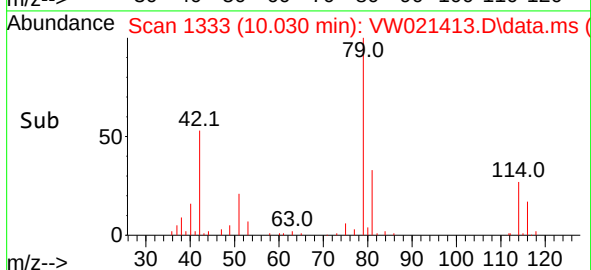
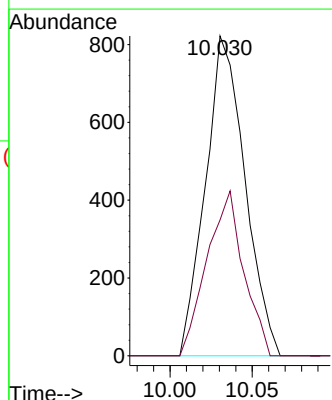
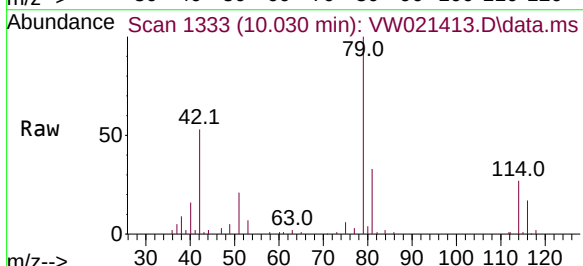
Acq: 16 Dec 2021 14:29

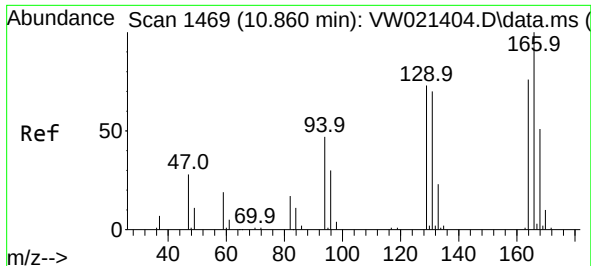
Tgt Ion: 75 Resp: 1371

Ion Ratio Lower Upper

75 100

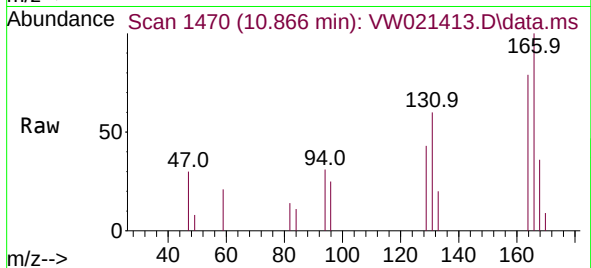
77 42.5 21.8 40.6#



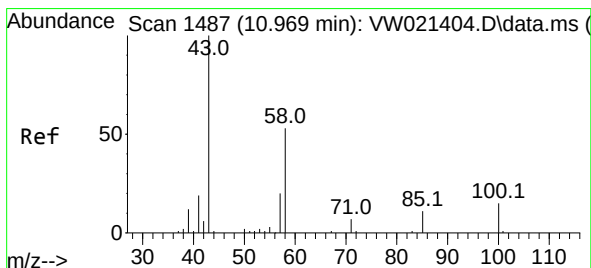
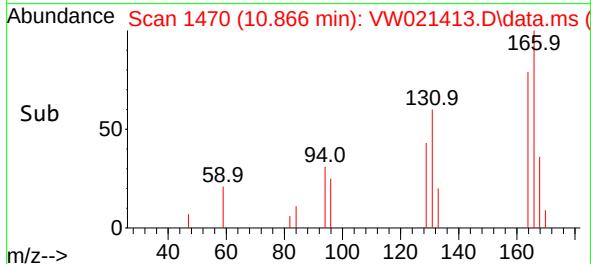
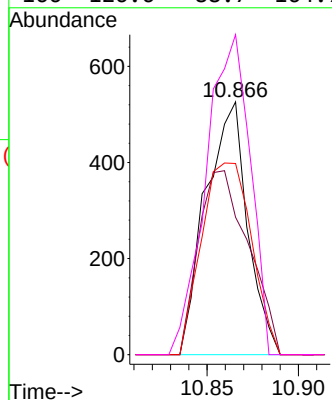


#46
Tetrachloroethene
Concen: 0.565 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW021413.D
Acq: 16 Dec 2021 14:29

Instrument :
MSVOA_W
ClientSampleId :

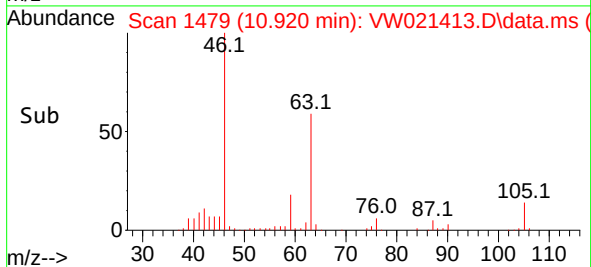
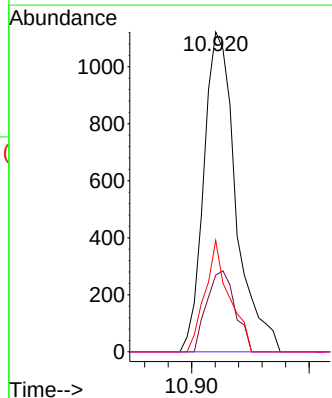
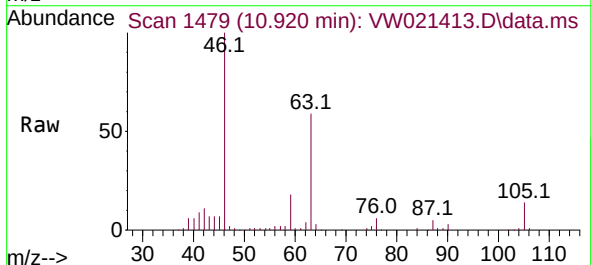


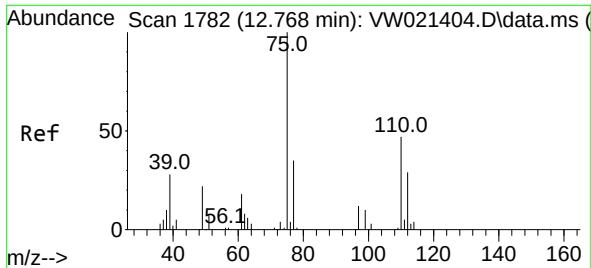
Tgt Ion:164 Resp: 837
Ion Ratio Lower Upper
164 100
129 54.4 65.5 121.7#
131 75.7 59.7 110.9
166 126.6 88.7 164.7



#48
2-Hexanone
Concen: 4.356 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021413.D
Acq: 16 Dec 2021 14:29

Tgt Ion: 43 Resp: 2132
Ion Ratio Lower Upper
43 100
58 22.3 40.2 60.2#
57 26.3 14.3 21.5#
100 0.0 8.0 12.0#





#61

1,2,3-Trichloropropane

Concen: 7.602 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

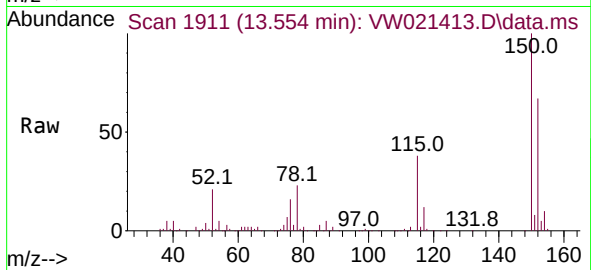
Lab File: VW021413.D

Acq: 16 Dec 2021 14:29

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 75 Resp: 6527

Ion Ratio Lower Upper

75 100

77 34.0 25.8 38.8

110 3.0 29.0 43.4#

