

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021274.D
 Acq On : 10 Dec 2021 10:18
 Operator : SY/VA
 Sample : M4975-14RE
 Misc : 6.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 22:07:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 22:05:53 2021
 Response via : Initial Calibration

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

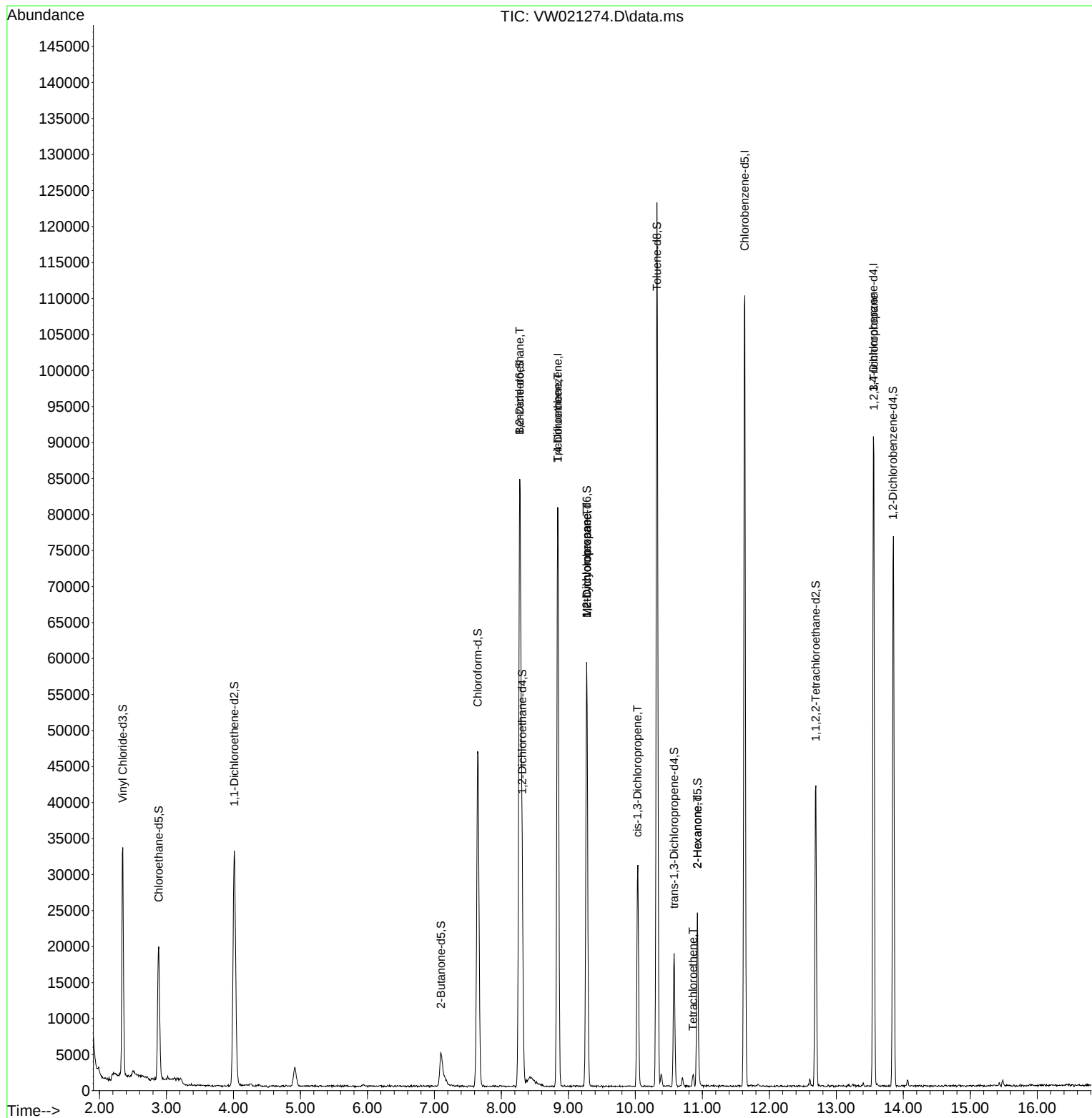
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	70027	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	63855	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	25253	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	31445	24.656	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.640%
7) Chloroethane-d5	2.885	69	21477	25.473	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.880%
11) 1,1-Dichloroethene-d2	4.013	63	30433	17.898	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.600%
21) 2-Butanone-d5	7.098	46	10167	56.553	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.100%
24) Chloroform-d	7.647	84	46496	23.826	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.320%
26) 1,2-Dichloroethane-d4	8.311	65	24965	24.050	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	8.275	84	86637	24.753	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	9.274	67	23988	25.555	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.200%
41) Toluene-d8	10.323	98	79474	22.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.880%
43) trans-1,3-Dichloroprop...	10.579	79	9782	22.632	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.520%
47) 2-Hexanone-d5	10.927	63	7999	57.627	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.260%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	19112	23.685	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.720%
66) 1,2-Dichlorobenzene-d4	13.847	152	20746	21.198	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.800%
Target Compounds						
27) 1,2-Dichloroethane	8.275	62	555	0.512	ug/L #	77
34) Trichloroethene	8.842	95	1951	1.998	ug/L #	5
35) Methylcyclohexane	9.274	83	6640	4.122	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	3052	3.933	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	997	0.815	ug/L	85
46) Tetrachloroethene	10.859	164	444	0.479	ug/L #	81
48) 2-Hexanone	10.927	43	1121	3.656	ug/L #	69
61) 1,2,3-Trichloropropane	13.560	75	2922	7.950	ug/L #	65

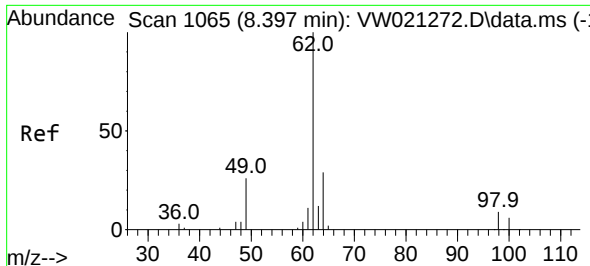
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 10 22:05:53 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.512 ug/L

RT: 8.275 min Scan# 110

Delta R.T. -0.122 min

Lab File: VW021274.D

Acq: 10 Dec 2021 10:18

Instrument :

MSVOA_W

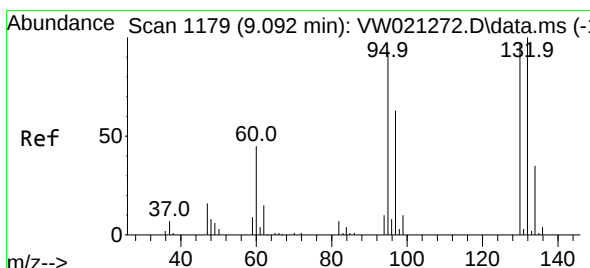
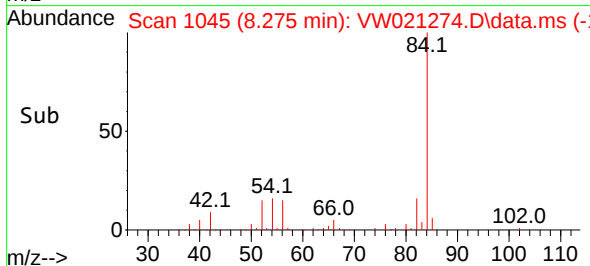
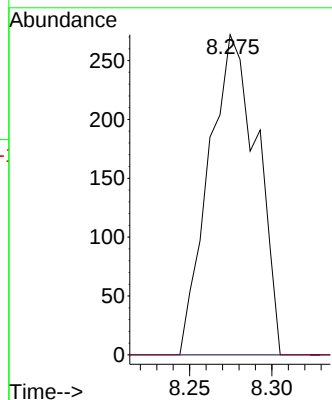
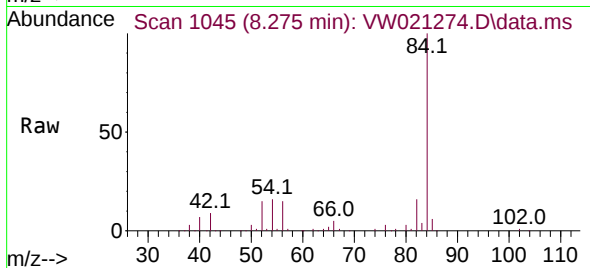
ClientSampleId :

Tgt Ion: 62 Resp: 555

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 1.998 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021274.D

Acq: 10 Dec 2021 10:18

Tgt Ion: 95 Resp: 1951

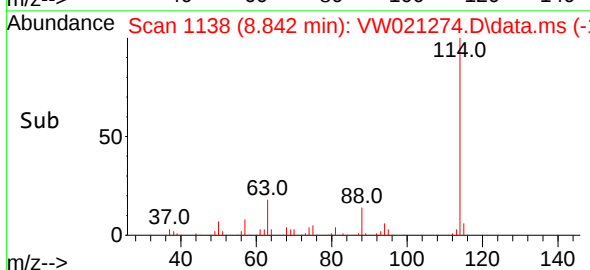
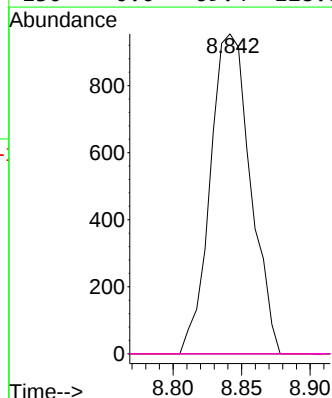
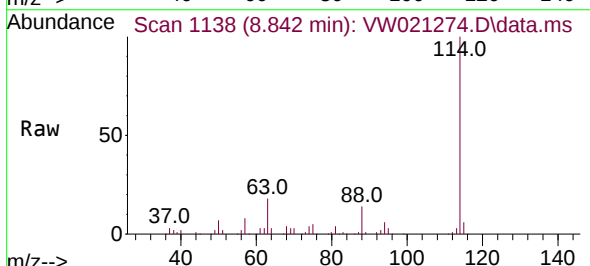
Ion Ratio Lower Upper

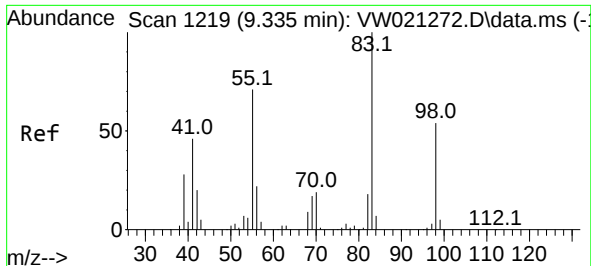
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 4.122 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021274.D

Acq: 10 Dec 2021 10:18

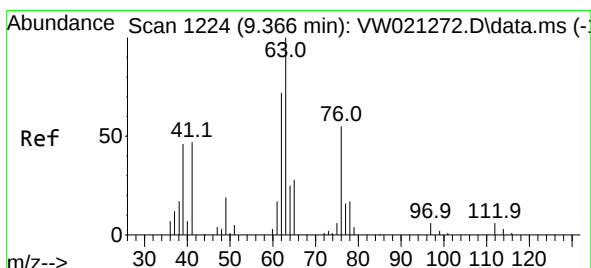
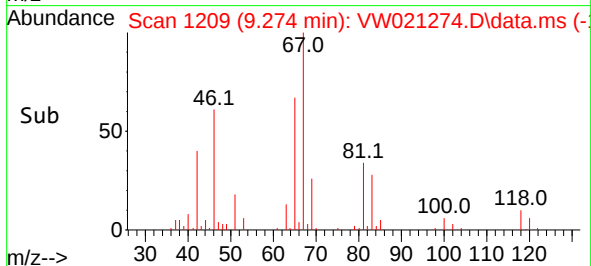
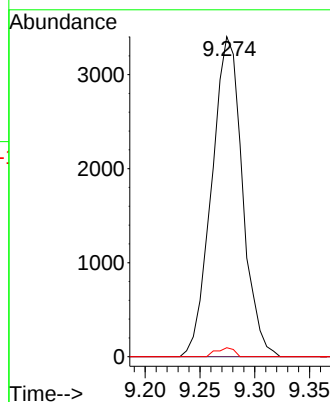
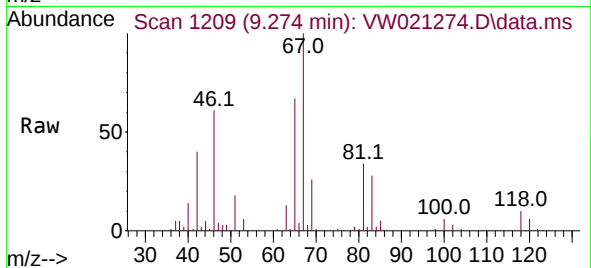
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83 Resp: 6640

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	1.6	37.7	56.5#



#37

1,2-Dichloropropane

Concen: 3.933 ug/L

RT: 9.274 min Scan# 1209

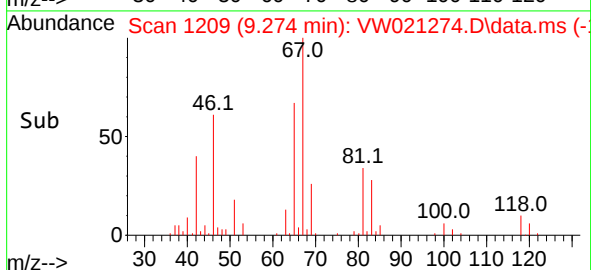
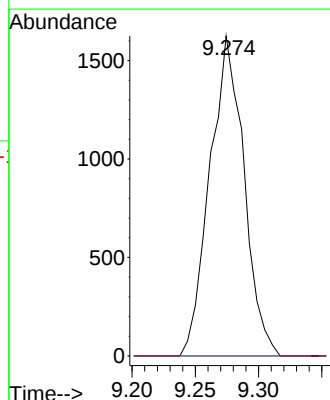
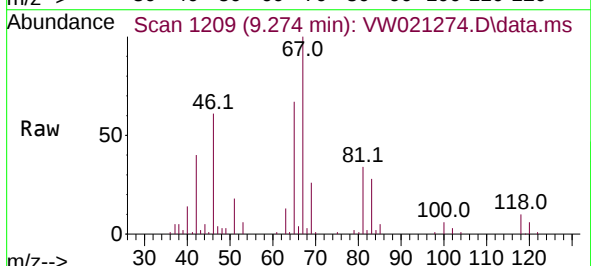
Delta R.T. -0.092 min

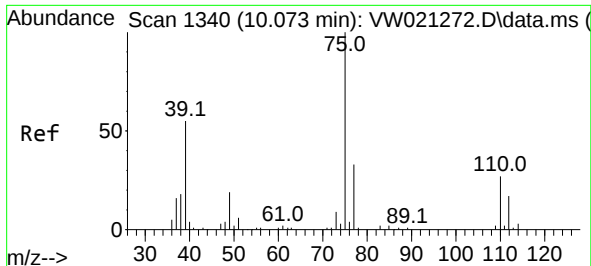
Lab File: VW021274.D

Acq: 10 Dec 2021 10:18

Tgt Ion: 63 Resp: 3052

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.815 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021274.D

Acq: 10 Dec 2021 10:18

Instrument :

MSVOA_W

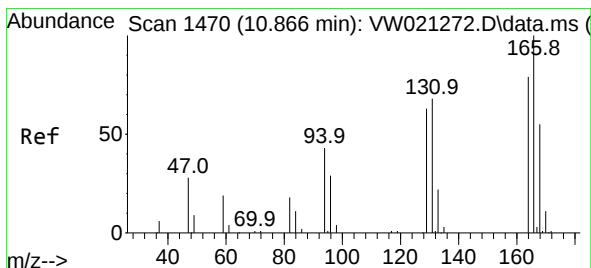
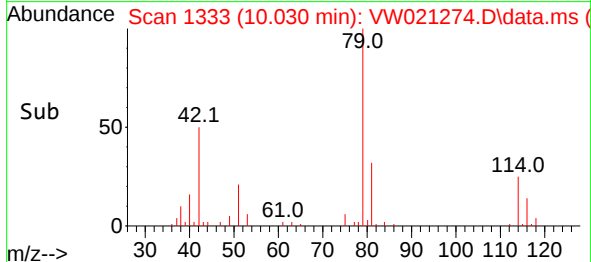
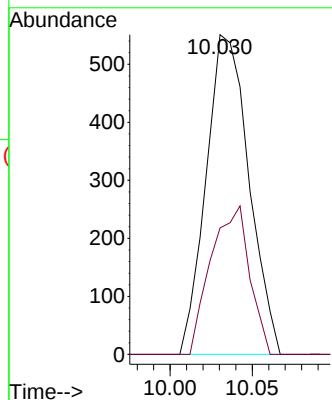
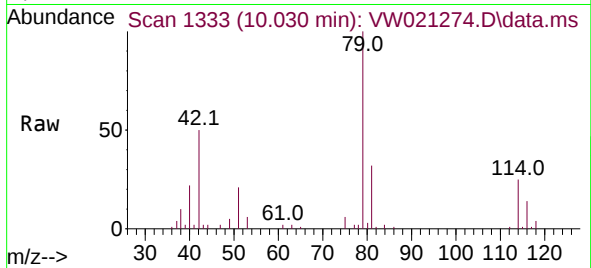
ClientSampleId :

Tgt Ion: 75 Resp: 997

Ion Ratio Lower Upper

75 100

77 39.6 21.8 40.6



#46

Tetrachloroethene

Concen: 0.479 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW021274.D

Acq: 10 Dec 2021 10:18

Tgt Ion: 164 Resp: 444

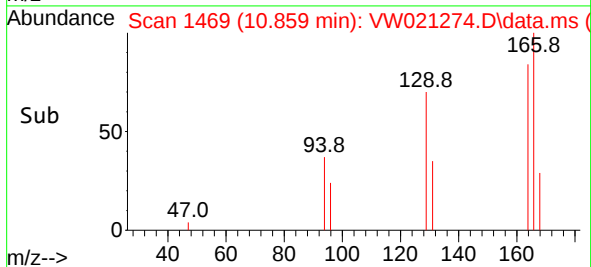
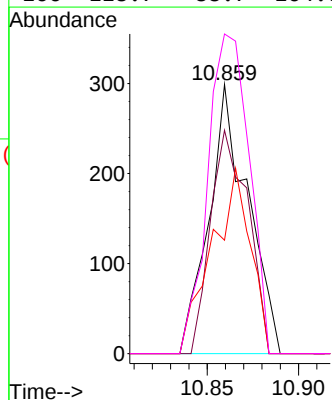
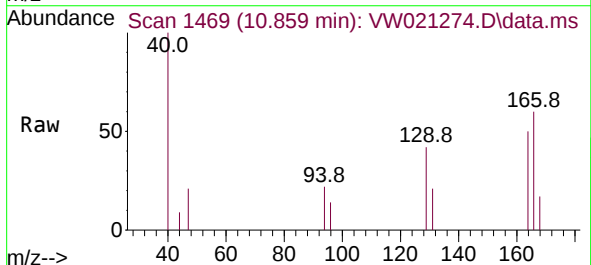
Ion Ratio Lower Upper

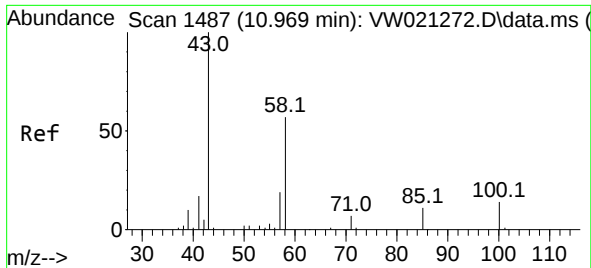
164 100

129 82.9 65.5 121.7

131 42.1 59.7 110.9#

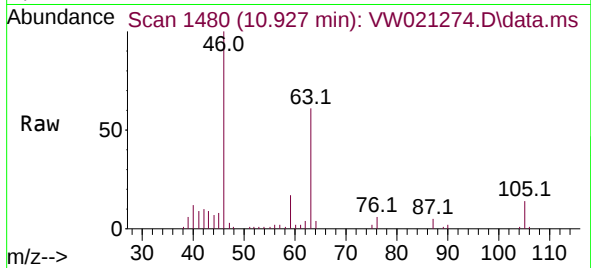
166 118.7 88.7 164.7



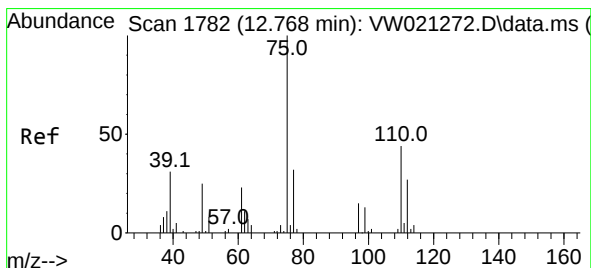
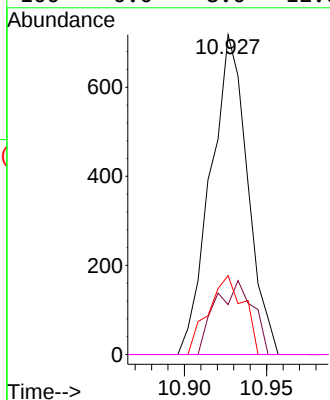
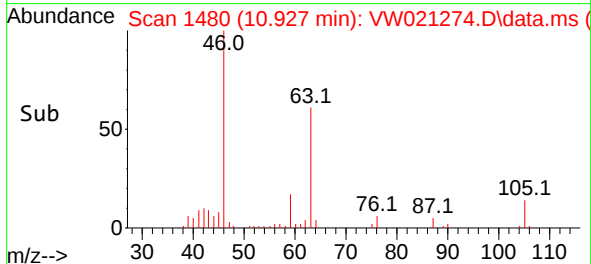


#48
2-Hexanone
Concen: 3.656 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021274.D
Acq: 10 Dec 2021 10:18

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 23.4 40.2 60.2#
57 23.6 14.3 21.5#
100 0.0 8.0 12.0#



#61
1,2,3-Trichloropropane
Concen: 7.950 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.792 min
Lab File: VW021274.D
Acq: 10 Dec 2021 10:18

Tgt Ion: 75 Resp: 2922
Ion Ratio Lower Upper
75 100
77 36.8 25.8 38.8
110 1.6 29.0 43.4#

