

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121621\
 Data File : VW021415.D
 Acq On : 16 Dec 2021 15:18
 Operator : SY/VA
 Sample : M5101-06RE
 Misc : 6.05g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 01:01:08 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)

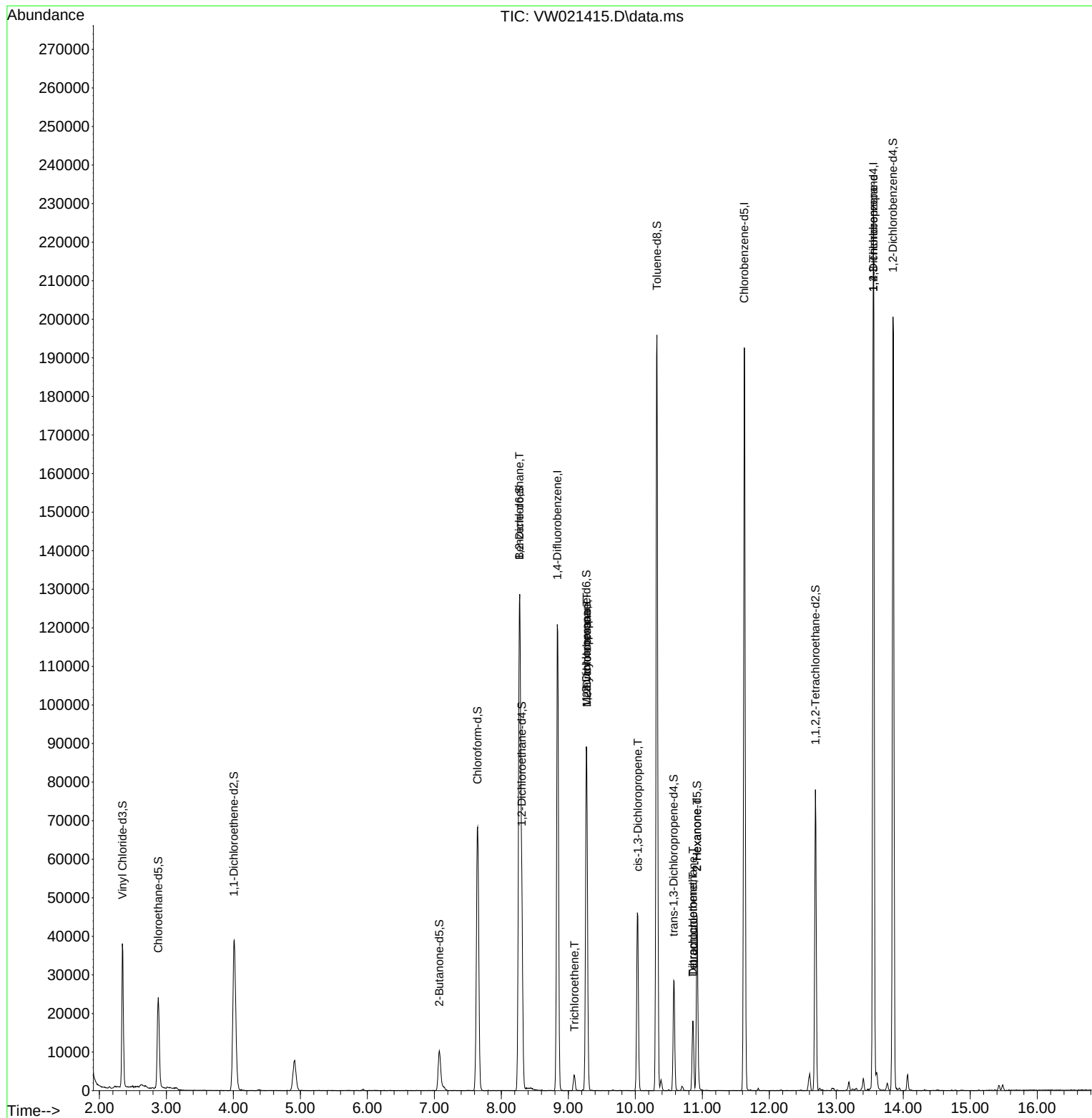
Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	104545	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	107921	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	60095	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	36099	18.959	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.840%
7) Chloroethane-d5	2.879	69	29104	23.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.480%
11) 1,1-Dichloroethene-d2	4.007	63	36993	14.573	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.280%
21) 2-Butanone-d5	7.074	46	17595	65.557	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.120%
24) Chloroform-d	7.641	84	70266	24.118	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.480%
26) 1,2-Dichloroethane-d4	8.305	65	39253	25.329	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.320%
32) Benzene-d6	8.269	84	132473	22.394	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.560%
36) 1,2-Dichloropropane-d6	9.268	67	38565	24.309	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.240%
41) Toluene-d8	10.323	98	130138	21.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.120%
43) trans-1,3-Dichloroprop...	10.573	79	15299	20.944	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.760%
47) 2-Hexanone-d5	10.921	63	14770	62.959	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.920%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	35096	25.734	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.920%
66) 1,2-Dichlorobenzene-d4	13.847	152	55347	23.764	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.040%
Target Compounds						Qvalue
27) 1,2-Dichloroethane	8.269	62	878	0.542	ug/L	# 77
34) Trichloroethene	9.092	95	1257	0.762	ug/L	92
35) Methylcyclohexane	9.275	83	10470	3.846	ug/L	# 14
37) 1,2-Dichloropropane	9.275	63	5017	3.826	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1341	0.649	ug/L	# 80
46) Tetrachloroethene	10.860	164	4224	2.694	ug/L	95
48) 2-Hexanone	10.921	43	1881	3.630	ug/L	# 68
49) Dibromochloromethane	10.860	129	3507	2.650	ug/L	# 10
61) 1,2,3-Trichloropropane	13.554	75	6794	7.768	ug/L	# 66

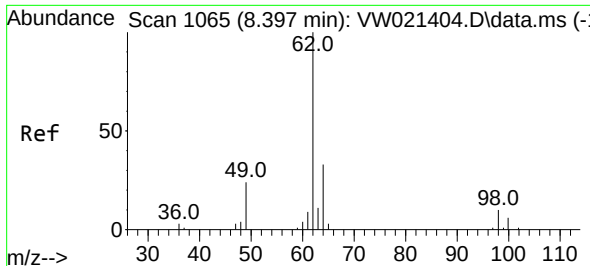
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.542 ug/L

RT: 8.269 min Scan# 1044

Delta R.T. -0.128 min

Lab File: VW021415.D

Acq: 16 Dec 2021 15:18

Instrument :

MSVOA_W

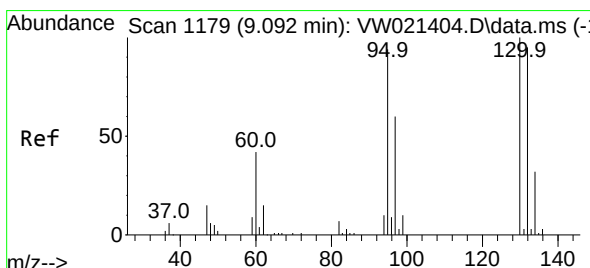
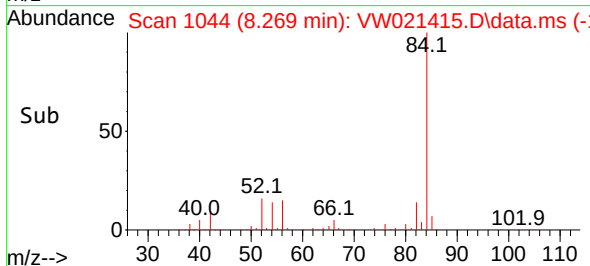
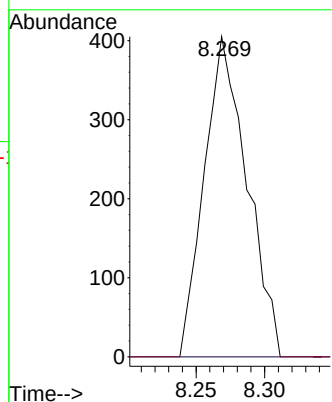
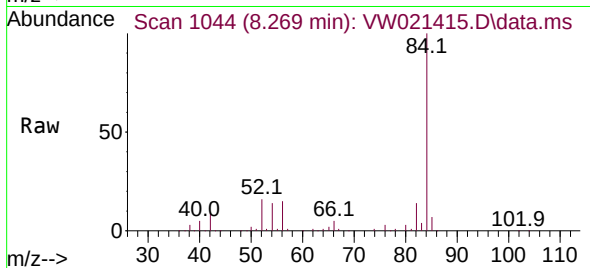
ClientSampleId :

Tgt Ion: 62 Resp: 878

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 0.762 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW021415.D

Acq: 16 Dec 2021 15:18

Tgt Ion: 95 Resp: 1257

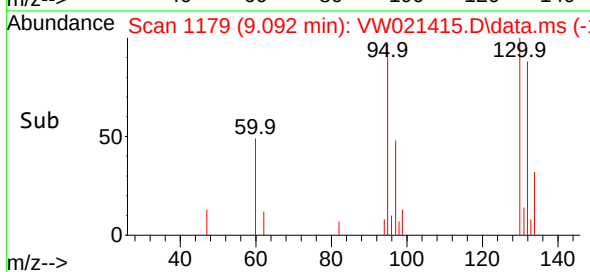
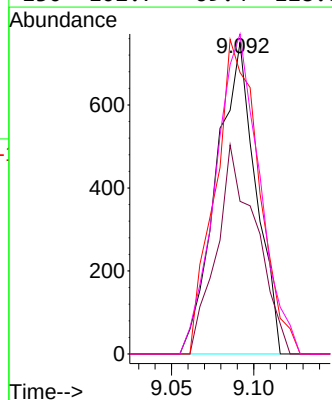
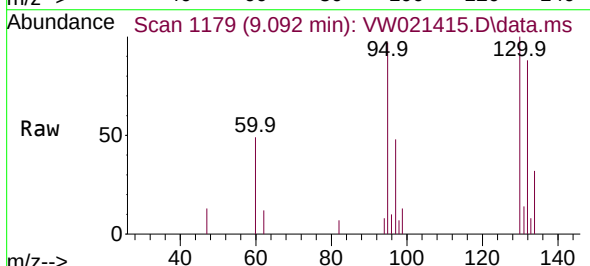
Ion Ratio Lower Upper

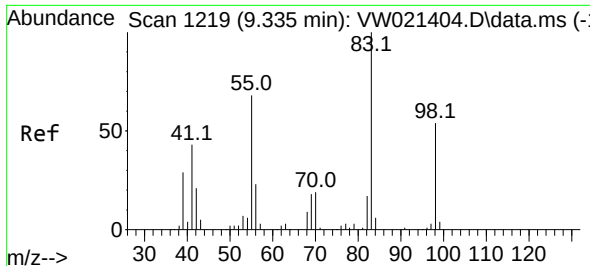
95 100

97 49.0 47.0 87.2

132 90.3 65.5 121.6

130 102.7 69.4 128.8

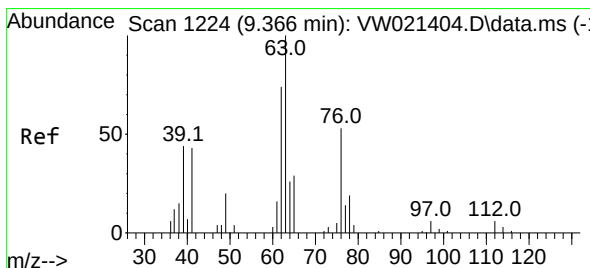
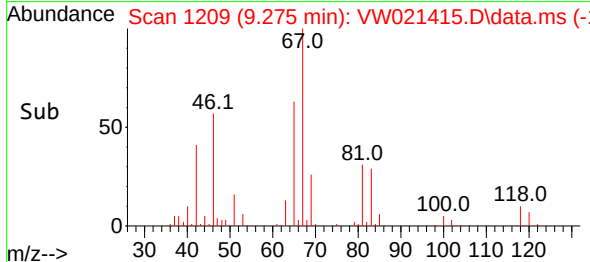
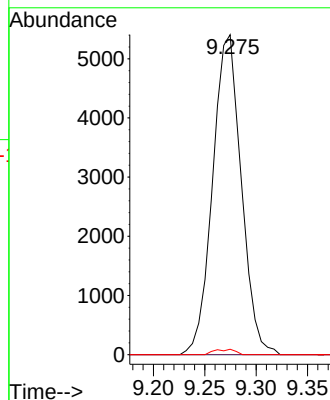
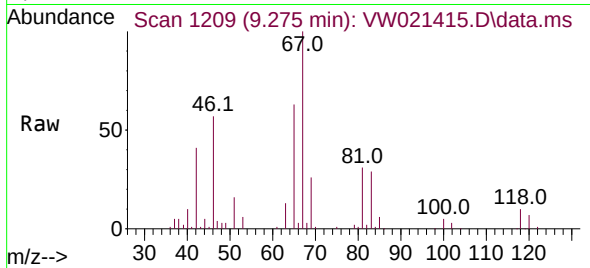




#35
Methylcyclohexane
Concen: 3.846 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021415.D
Acq: 16 Dec 2021 15:18

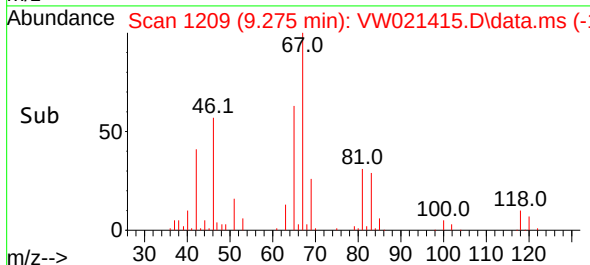
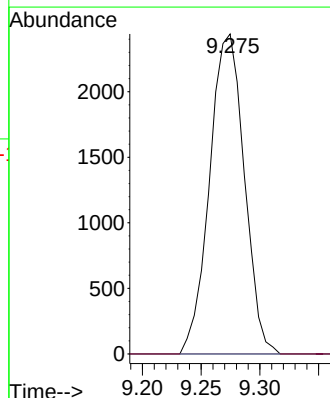
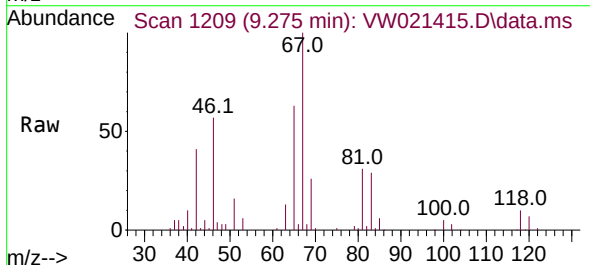
Instrument :
MSVOA_W
ClientSampleId :

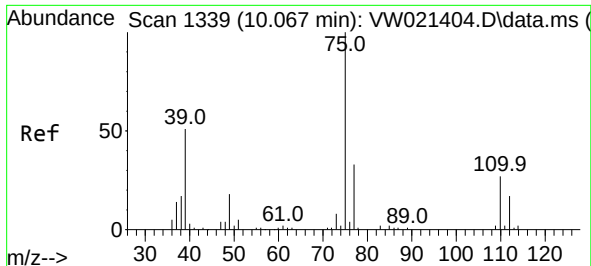
Tgt Ion: 83 Resp: 10470
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.7 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.826 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021415.D
Acq: 16 Dec 2021 15:18

Tgt Ion: 63 Resp: 5017
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

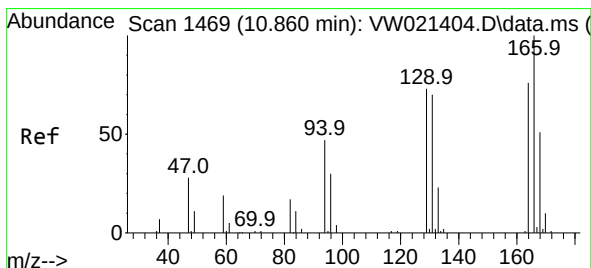
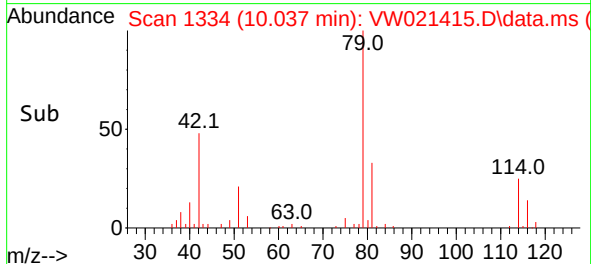
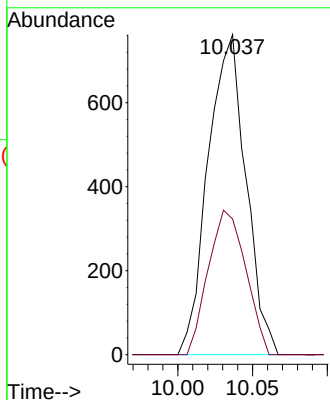
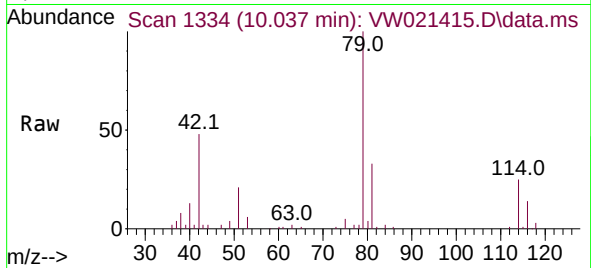




#39
 cis-1,3-Dichloropropene
 Concen: 0.649 ug/L
 RT: 10.037 min Scan# 11
 Delta R.T. -0.030 min
 Lab File: VW021415.D
 Acq: 16 Dec 2021 15:18

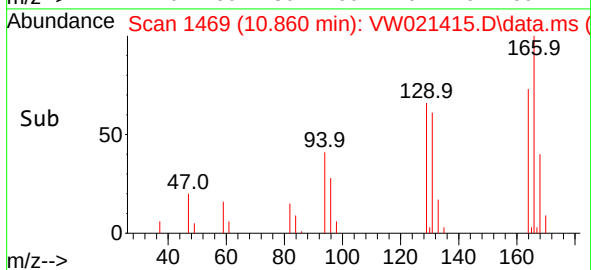
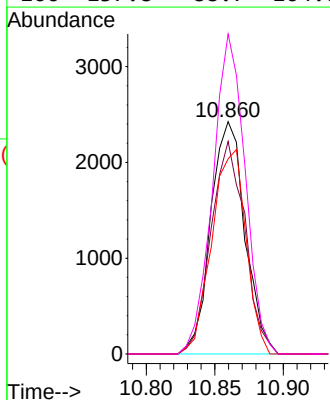
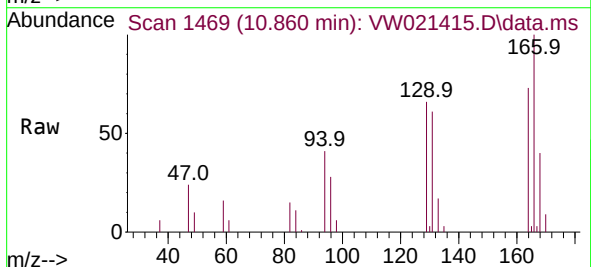
Instrument :
 MSVOA_W
 ClientSampleId :

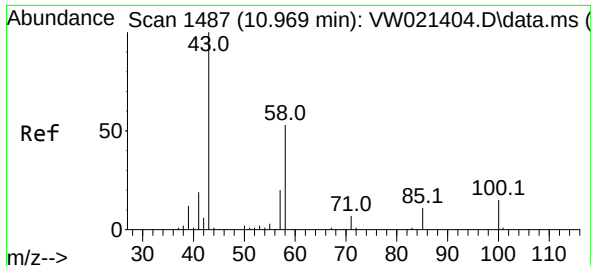
Tgt Ion: 75 Resp: 1341
 Ion Ratio Lower Upper
 75 100
 77 42.4 21.8 40.6#



#46
 Tetrachloroethene
 Concen: 2.694 ug/L
 RT: 10.860 min Scan# 1469
 Delta R.T. 0.000 min
 Lab File: VW021415.D
 Acq: 16 Dec 2021 15:18

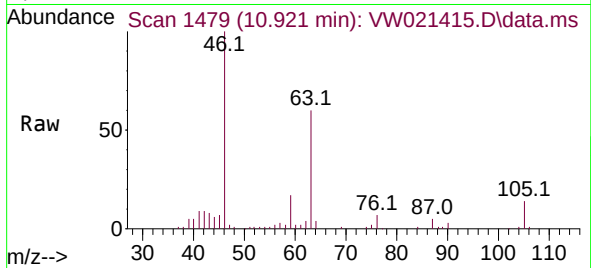
Tgt Ion:164 Resp: 4224
 Ion Ratio Lower Upper
 164 100
 129 91.5 65.5 121.7
 131 84.0 59.7 110.9
 166 137.8 88.7 164.7



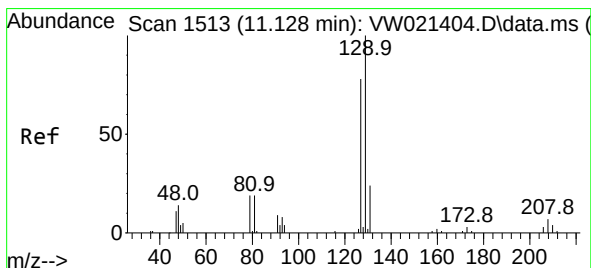
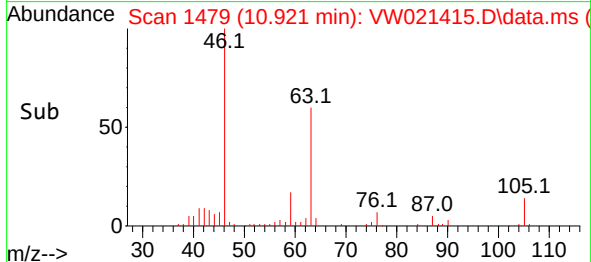
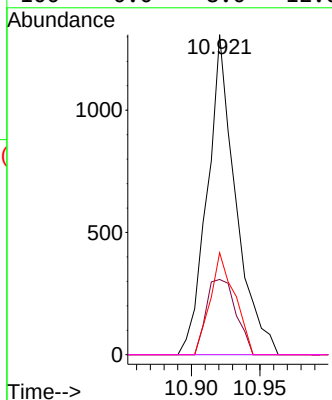


#48
2-Hexanone
Concen: 3.630 ug/L
RT: 10.921 min Scan# 1487
Delta R.T. -0.049 min
Lab File: VW021415.D
Acq: 16 Dec 2021 15:18

Instrument :
MSVOA_W
ClientSampleId :

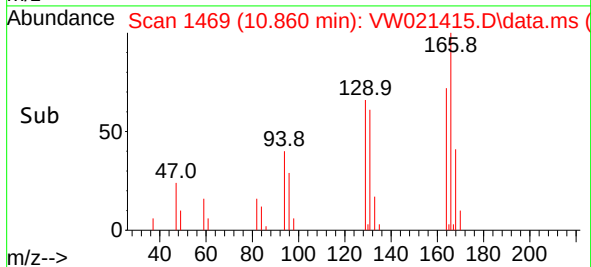
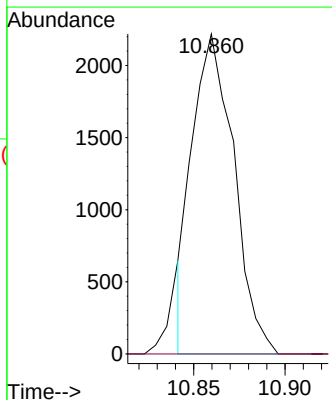
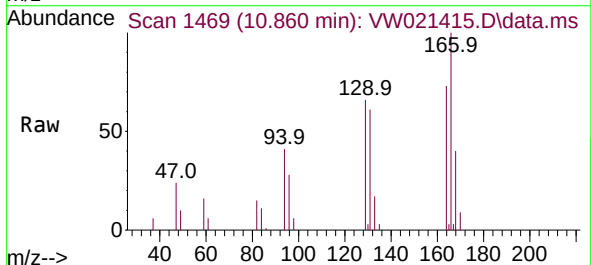


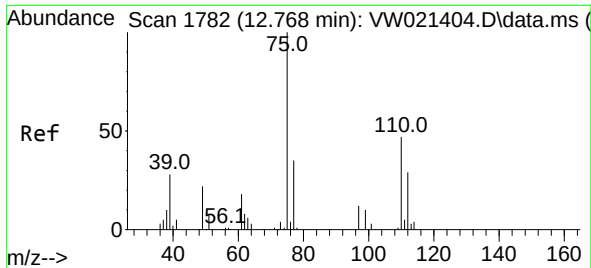
Tgt Ion: 43 Resp: 1881
Ion Ratio Lower Upper
43 100
58 24.7 40.2 60.2#
57 27.6 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 2.650 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021415.D
Acq: 16 Dec 2021 15:18

Tgt Ion:129 Resp: 3507
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61

1,2,3-Trichloropropane

Concen: 7.768 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.787 min

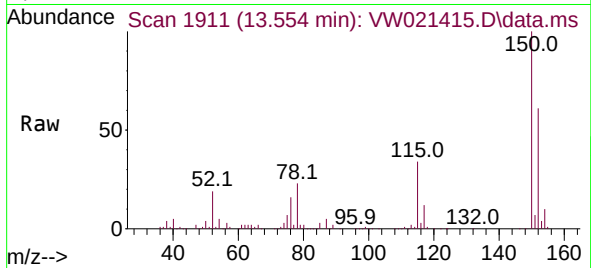
Lab File: VW021415.D

Acq: 16 Dec 2021 15:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 75 Resp: 6794

Ion Ratio Lower Upper

75 100

77 36.8 25.8 38.8

110 3.0 29.0 43.4#

