

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021487.D
 Acq On : 18 Dec 2021 19:30
 Operator : SY/VA
 Sample : M5171-08
 Misc : 6.01g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:13:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

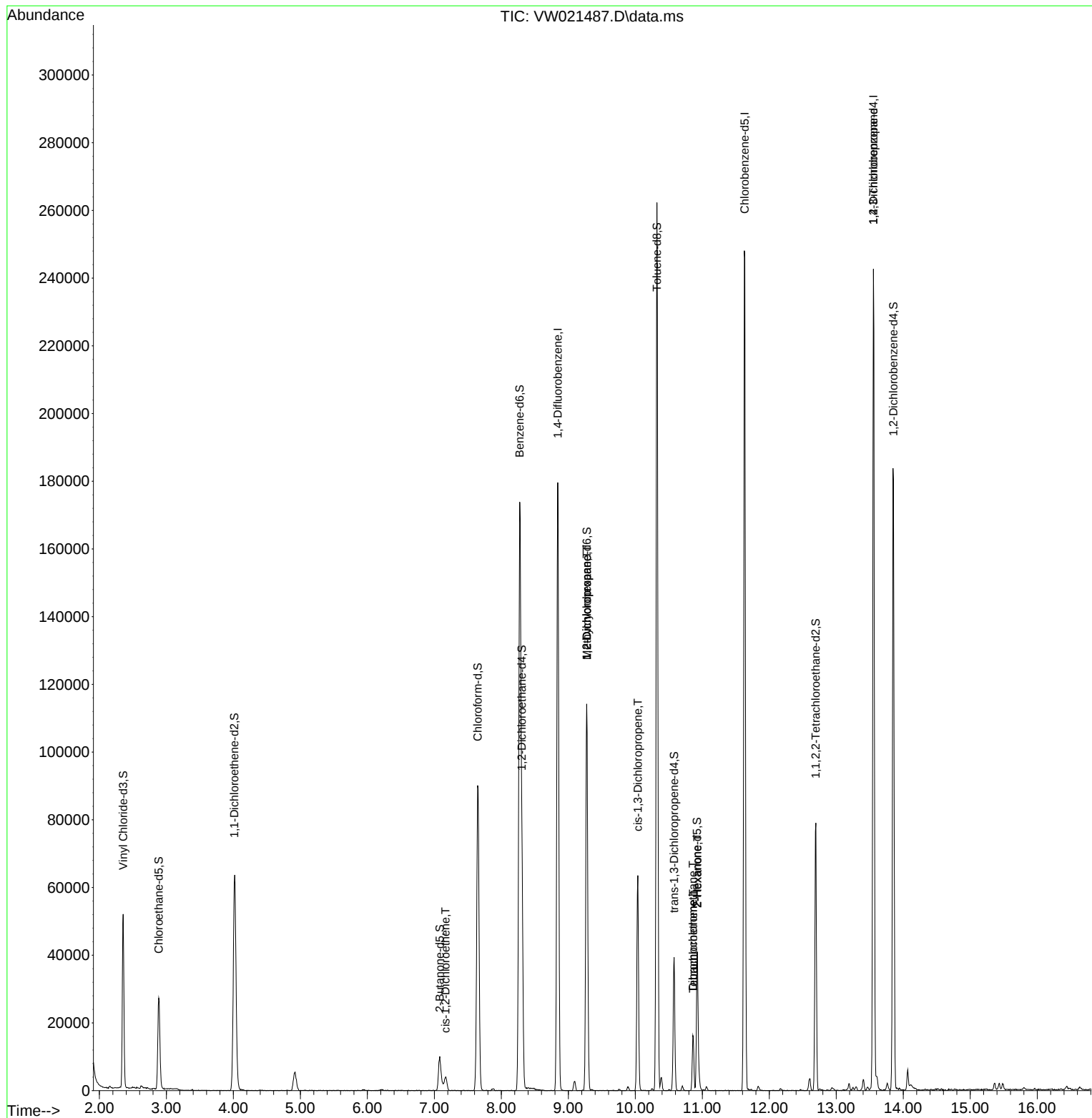
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	156206	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	144933	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	62626	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	50908	17.894	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.560%
7) Chloroethane-d5	2.885	69	33032	17.564	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.240%
11) 1,1-Dichloroethene-d2	4.013	63	62064	16.364	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.440%
21) 2-Butanone-d5	7.080	46	16453	41.028	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.060%
24) Chloroform-d	7.647	84	91284	20.970	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.880%
26) 1,2-Dichloroethane-d4	8.305	65	51129	22.081	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.320%
32) Benzene-d6	8.275	84	177057	22.287	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.160%
36) 1,2-Dichloropropane-d6	9.274	67	49212	23.098	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.400%
41) Toluene-d8	10.323	98	173228	21.341	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.360%
43) trans-1,3-Dichloroprop...	10.579	79	19947	20.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.320%
47) 2-Hexanone-d5	10.921	63	13840	43.929	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.860%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	35644	19.461	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	48173	19.848	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.400%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	7.165	96	2177	0.985	ug/L	78
35) Methylcyclohexane	9.274	83	13350	3.652	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	6352	3.607	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1772	0.638	ug/L	86
46) Tetrachloroethene	10.866	164	3705	1.760	ug/L	89
48) 2-Hexanone	10.927	43	1735	2.493	ug/L #	72
49) Dibromochloromethane	10.860	129	3151	1.773	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	7032	7.715	ug/L #	66

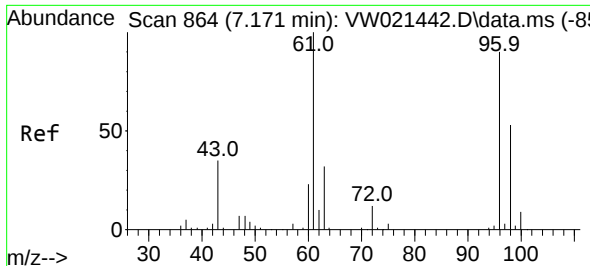
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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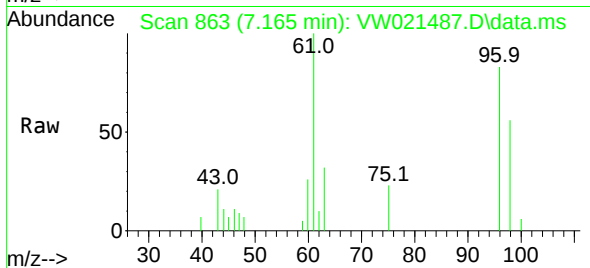
Quant Time: Dec 18 23:13:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
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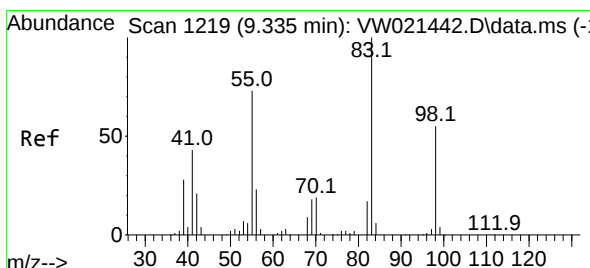
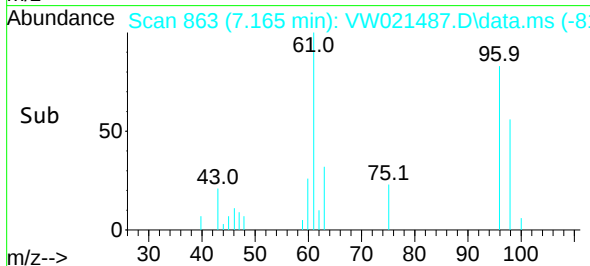
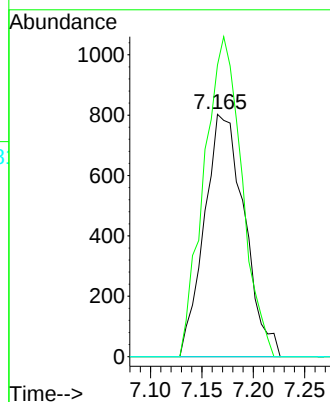
#20
 cis-1,2-Dichloroethene
 Concen: 0.985 ug/L
 RT: 7.165 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW021487.D
 Acq: 18 Dec 2021 19:30

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 2177

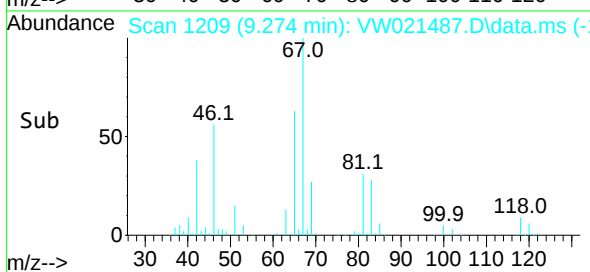
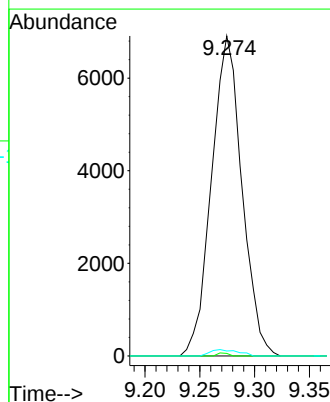
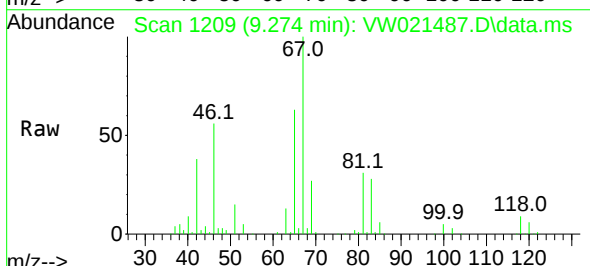
Ion	Ratio	Lower	Upper
96	100		
61	120.3	103.7	192.7
68	0.0	0.0	0.0

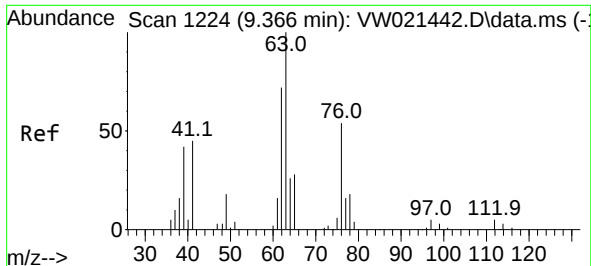


#35
 Methylcyclohexane
 Concen: 3.652 ug/L
 RT: 9.274 min Scan# 1209
 Delta R.T. -0.061 min
 Lab File: VW021487.D
 Acq: 18 Dec 2021 19:30

Tgt Ion: 83 Resp: 13350

Ion	Ratio	Lower	Upper
83	100		
55	0.3	70.8	106.2#
98	1.8	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 3.607 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021487.D

Acq: 18 Dec 2021 19:30

Instrument :

MSVOA_W

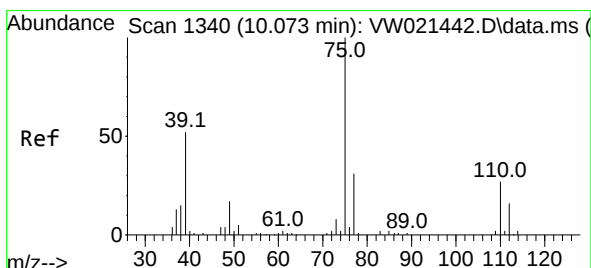
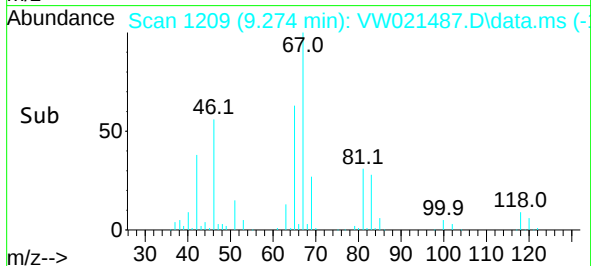
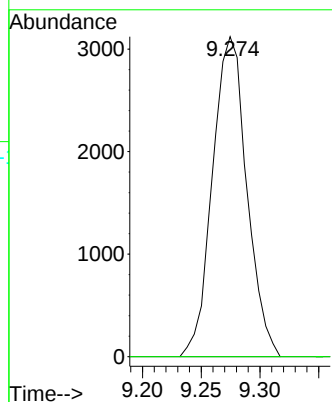
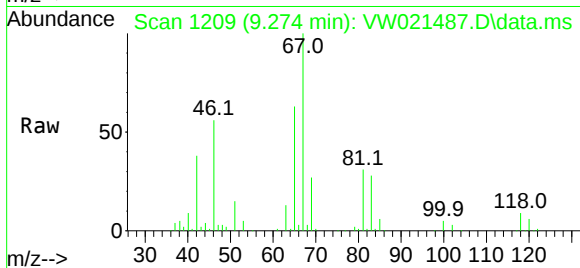
ClientSampleId :

Tgt Ion: 63 Resp: 6352

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.638 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021487.D

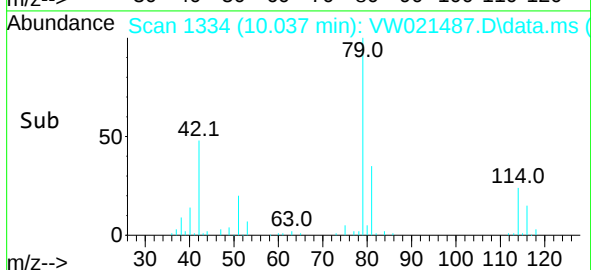
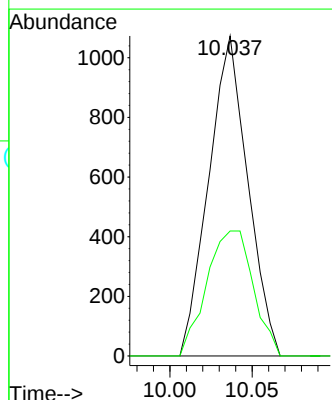
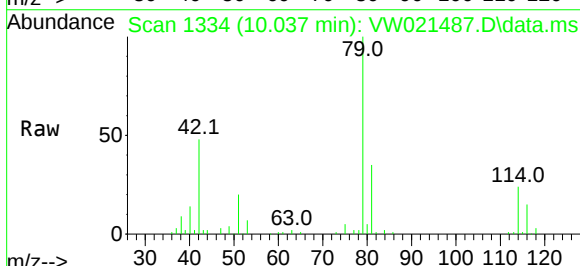
Acq: 18 Dec 2021 19:30

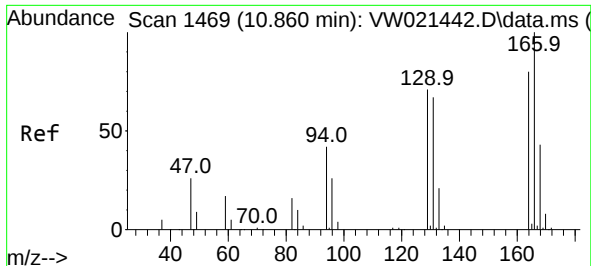
Tgt Ion: 75 Resp: 1772

Ion Ratio Lower Upper

75 100

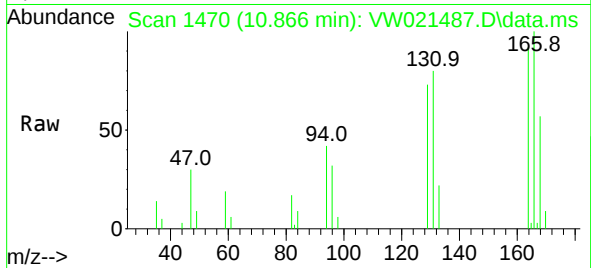
77 39.0 21.8 40.6



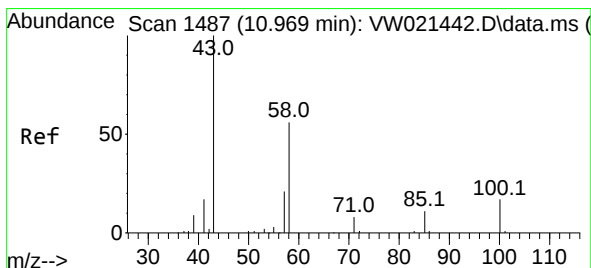
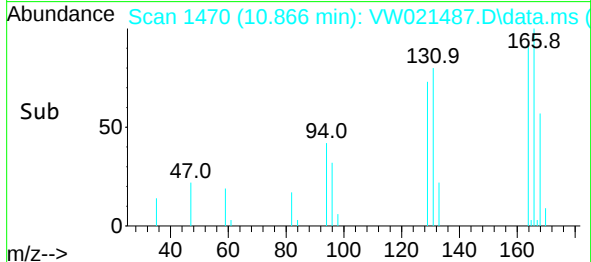
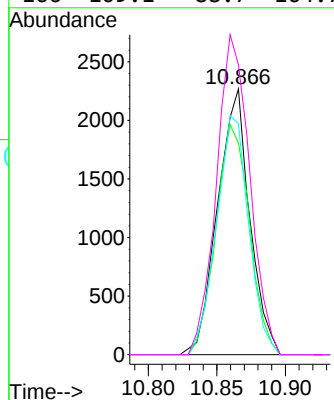


#46
Tetrachloroethene
Concen: 1.760 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW021487.D
Acq: 18 Dec 2021 19:30

Instrument :
MSVOA_W
ClientSampleId :

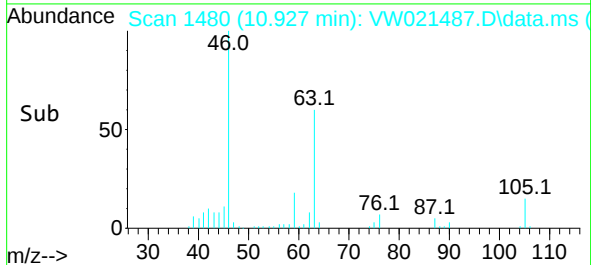
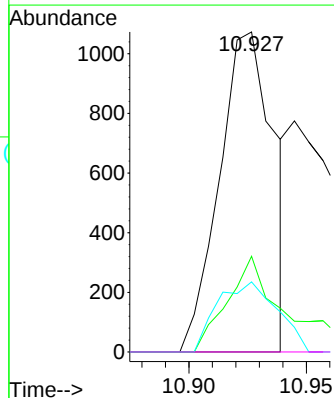
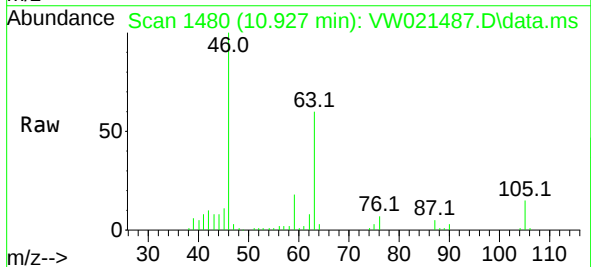


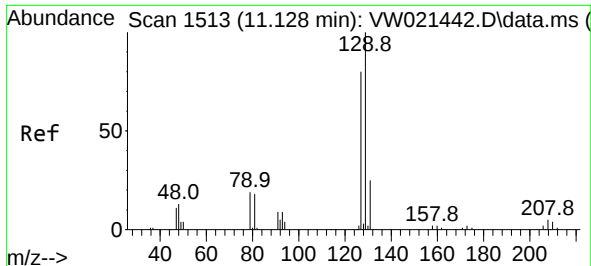
Tgt Ion:164 Resp: 3705
Ion Ratio Lower Upper
164 100
129 79.6 65.5 121.7
131 86.9 59.7 110.9
166 109.1 88.7 164.7



#48
2-Hexanone
Concen: 2.493 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021487.D
Acq: 18 Dec 2021 19:30

Tgt Ion: 43 Resp: 1735
Ion Ratio Lower Upper
43 100
58 27.6 40.2 60.2#
57 24.1 14.3 21.5#
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 1.773 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.268 min

Lab File: VW021487.D

Acq: 18 Dec 2021 19:30

Instrument :

MSVOA_W

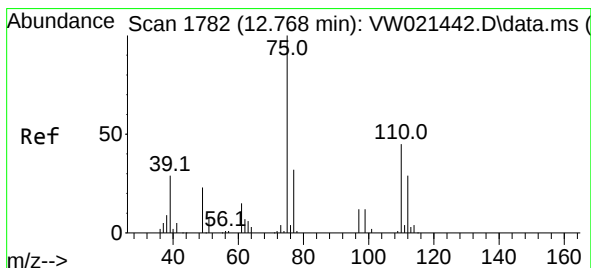
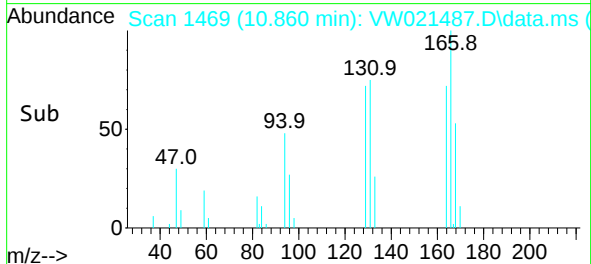
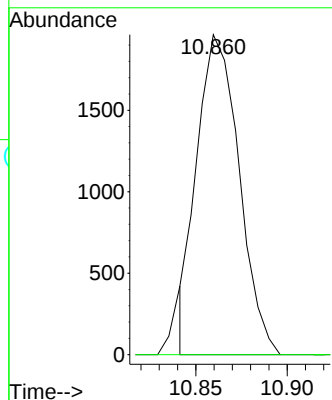
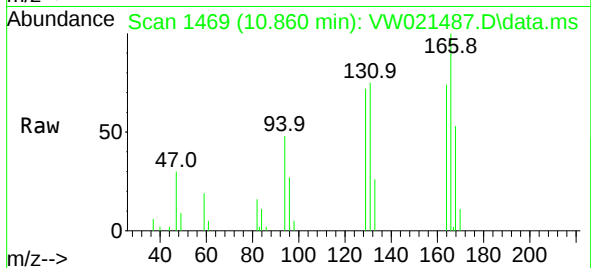
ClientSampleId :

Tgt Ion:129 Resp: 3151

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.715 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021487.D

Acq: 18 Dec 2021 19:30

Tgt Ion: 75 Resp: 7032

Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.8

110 3.3 29.0 43.4#

