

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031324\
 Data File : VW028166.D
 Acq On : 13 Mar 2024 14:25
 Operator : SY/MD
 Sample : P1742-05
 Misc : 4.92g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 14 01:30:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 14 01:29:29 2024
 Response via : Initial Calibration

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

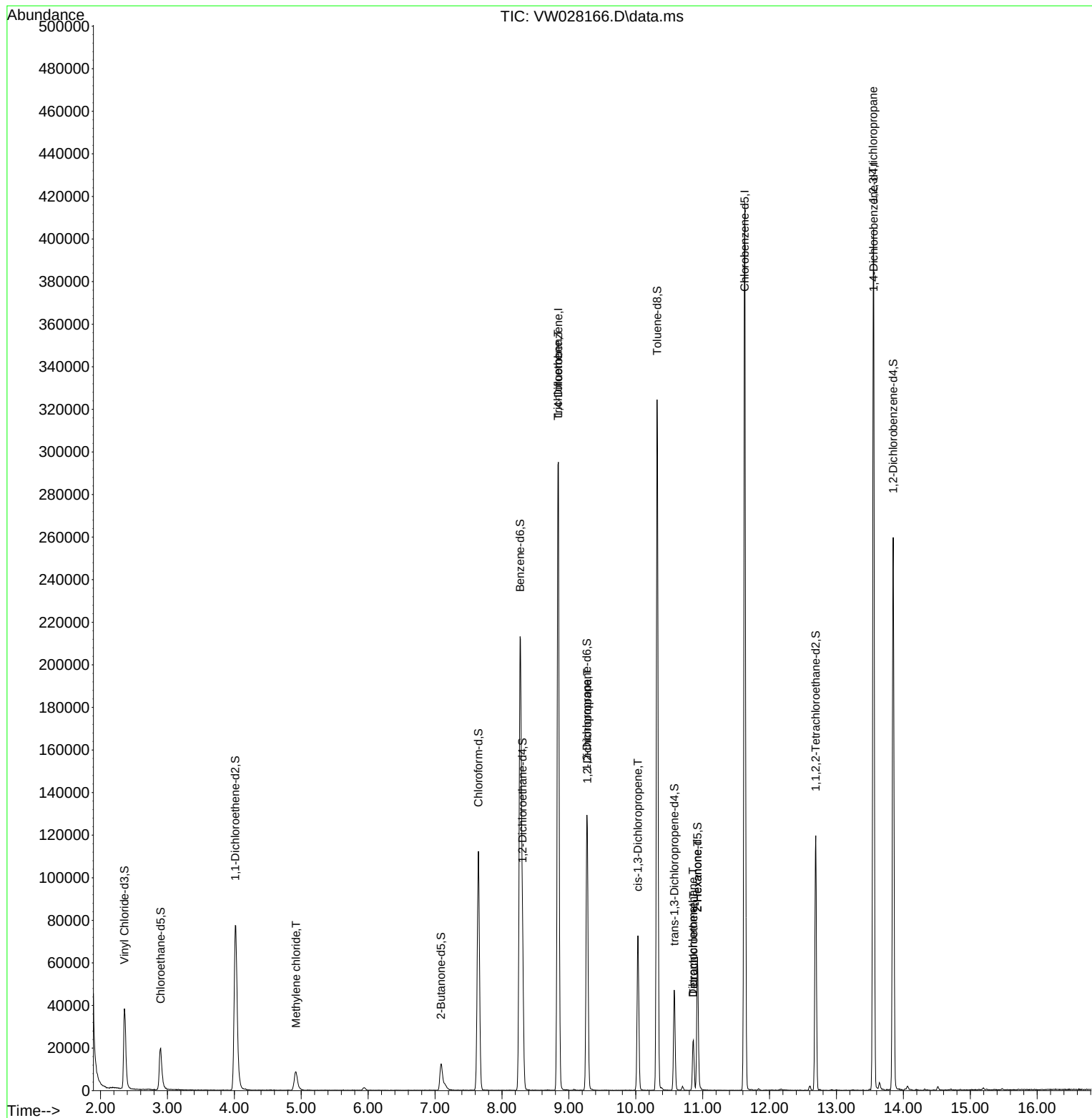
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	271570	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	249302	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	115290	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	56776	17.514	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.040%
7) Chloroethane-d5	2.899	69	31650	12.603	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.400%
11) 1,1-Dichloroethene-d2	4.015	65	27869	21.046	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.200%
21) 2-Butanone-d5	7.088	46	23795	51.455	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.920%
24) Chloroform-d	7.648	84	116254	20.211	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.840%
26) 1,2-Dichloroethane-d4	8.307	65	61877	23.115	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.440%
32) Benzene-d6	8.270	84	238047	20.454	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	9.270	67	60979	20.280	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.120%
41) Toluene-d8	10.319	98	225114	20.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.120%
43) trans-1,3-Dichloroprop...	10.575	79	28082	21.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.240%
47) 2-Hexanone-d5	10.922	63	23376	55.193	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	57773	24.344	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.360%
66) 1,2-Dichlorobenzene-d4	13.849	152	72861	21.250	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.000%
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	8312	2.225	ug/L	97
34) Trichloroethene	8.837	95	7993	2.025	ug/L #	4
37) 1,2-Dichloropropane	9.276	63	7095	2.262	ug/L #	86
39) cis-1,3-Dichloropropene	10.032	75	1857	0.360	ug/L #	60
46) Tetrachloroethene	10.861	164	6046	1.828	ug/L	93
48) 2-Hexanone	10.922	43	2522	2.504	ug/L #	61
49) Dibromochloromethane	10.855	129	4816	1.575	ug/L #	9
61) 1,2,3-Trichloropropane	13.550	75	12673	7.151	ug/L #	63

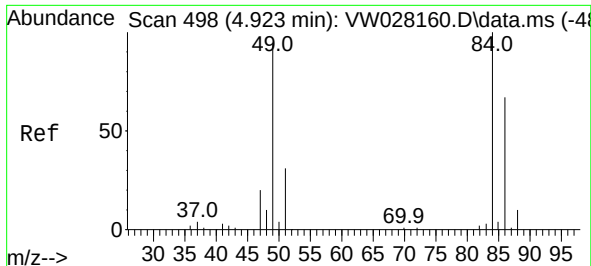
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Mar 14 01:29:29 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.225 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.000 min

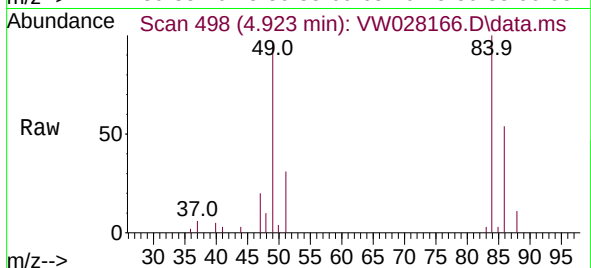
Lab File: VW028166.D

Acq: 13 Mar 2024 14:25

Instrument :

MSVOA_W

ClientSampleId :



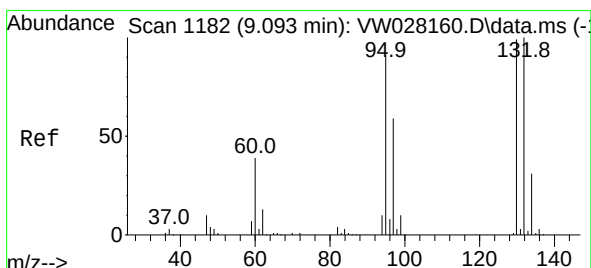
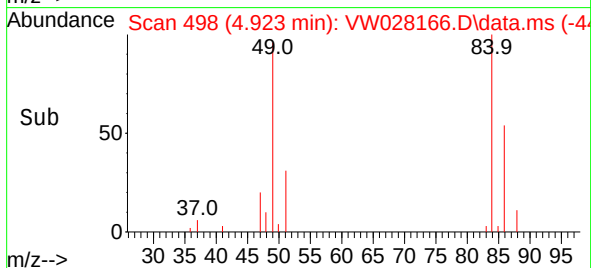
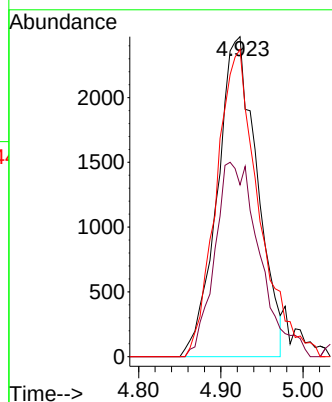
Tgt Ion: 84 Resp: 8312

Ion Ratio Lower Upper

84 100

86 53.7 41.2 76.6

49 96.0 66.5 123.5



#34

Trichloroethene

Concen: 2.025 ug/L

RT: 8.837 min Scan# 1140

Delta R.T. -0.256 min

Lab File: VW028166.D

Acq: 13 Mar 2024 14:25

Tgt Ion: 95 Resp: 7993

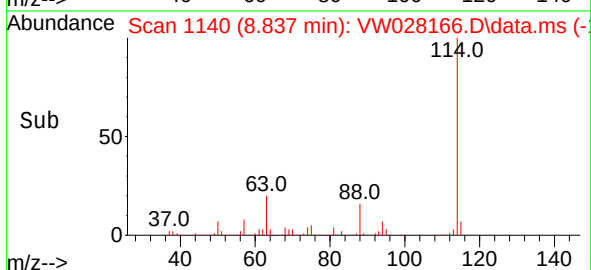
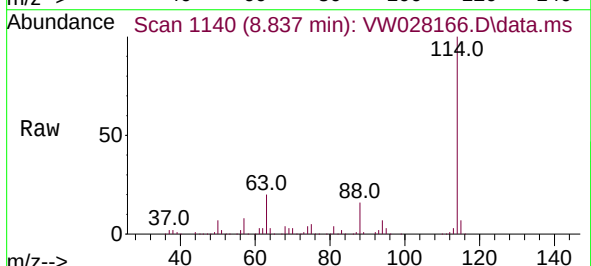
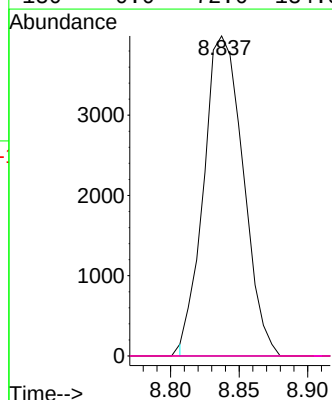
Ion Ratio Lower Upper

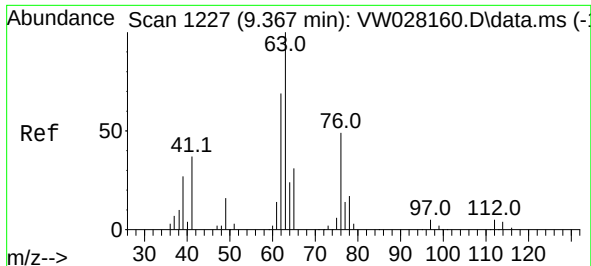
95 100

97 0.0 44.5 82.7#

132 0.0 68.3 126.9#

130 0.0 72.6 134.8#





#37

1,2-Dichloropropane

Concen: 2.262 ug/L

RT: 9.276 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW028166.D

Acq: 13 Mar 2024 14:25

Instrument :

MSVOA_W

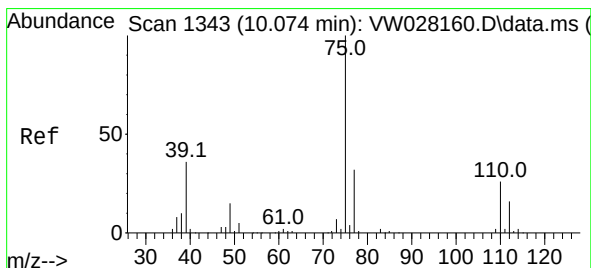
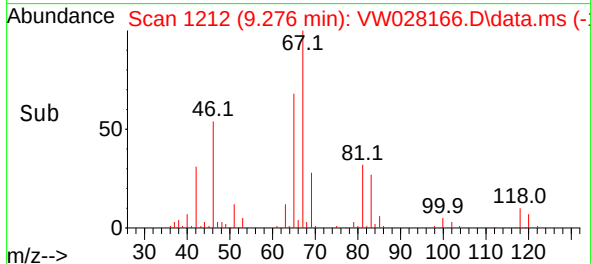
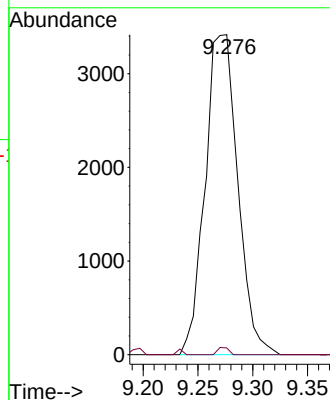
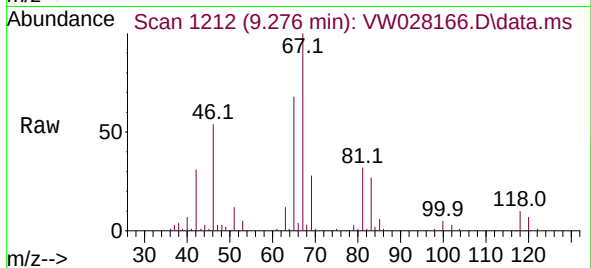
ClientSampleId :

Tgt Ion: 63 Resp: 7095

Ion Ratio Lower Upper

63 100

112 0.8 4.4 6.6#



#39

cis-1,3-Dichloropropene

Concen: 0.360 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.042 min

Lab File: VW028166.D

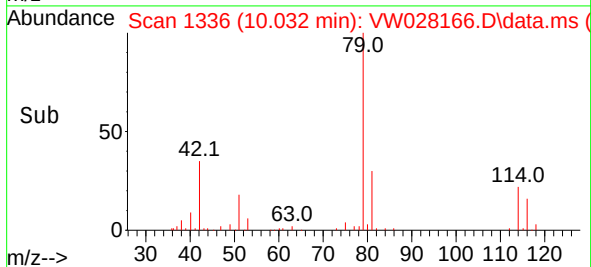
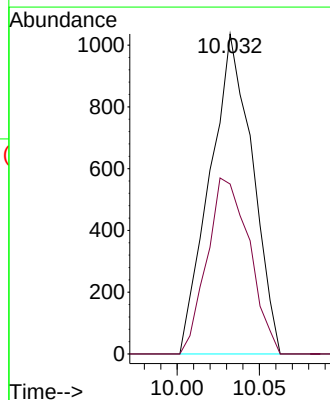
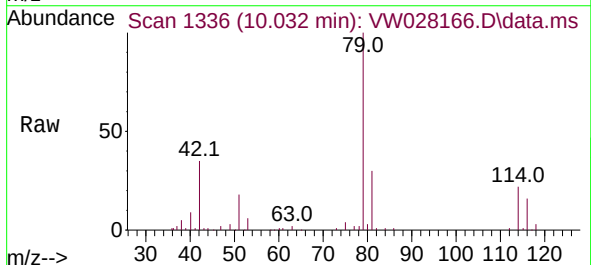
Acq: 13 Mar 2024 14:25

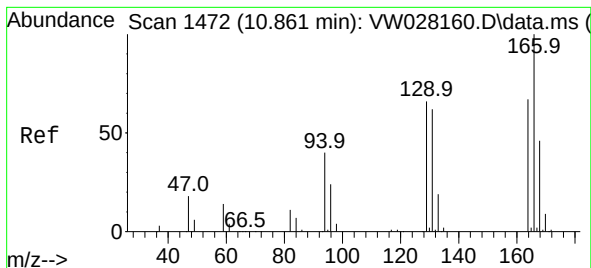
Tgt Ion: 75 Resp: 1857

Ion Ratio Lower Upper

75 100

77 53.1 21.7 40.3#





#46

Tetrachloroethene

Concen: 1.828 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

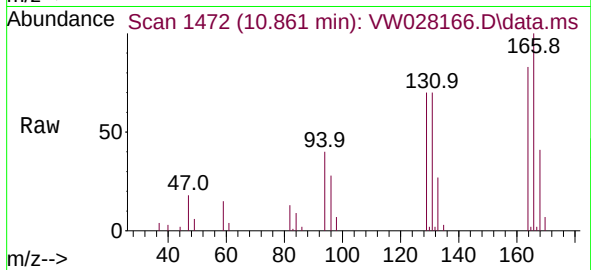
Lab File: VW028166.D

Acq: 13 Mar 2024 14:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 6046

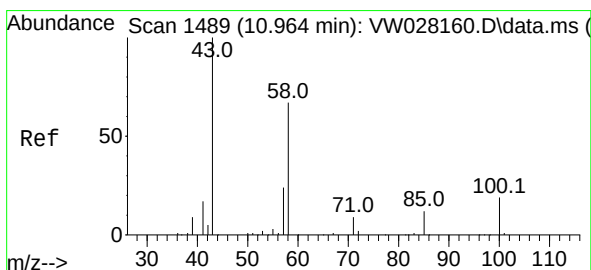
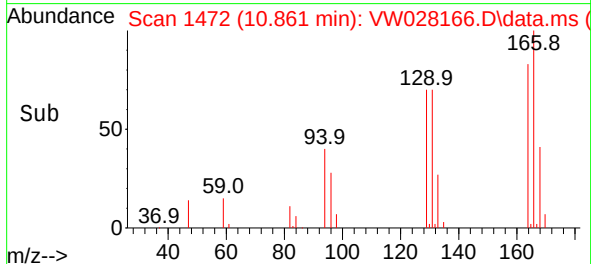
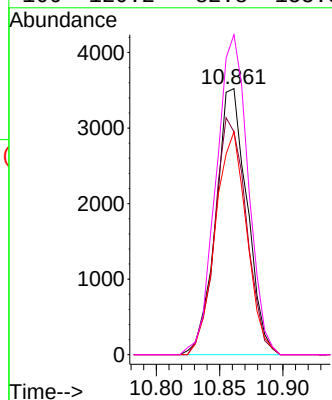
Ion Ratio Lower Upper

164 100

129 83.8 65.2 121.0

131 83.8 66.2 123.0

166 120.2 82.8 153.8



#48

2-Hexanone

Concen: 2.504 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.042 min

Lab File: VW028166.D

Acq: 13 Mar 2024 14:25

Tgt Ion: 43 Resp: 2522

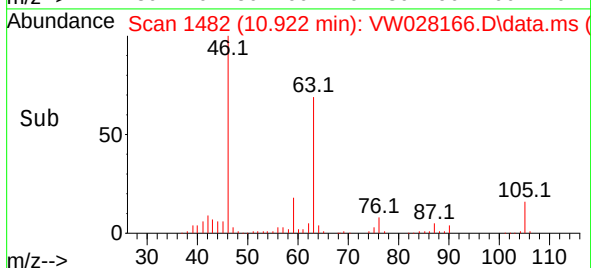
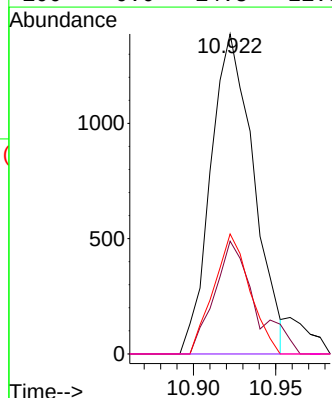
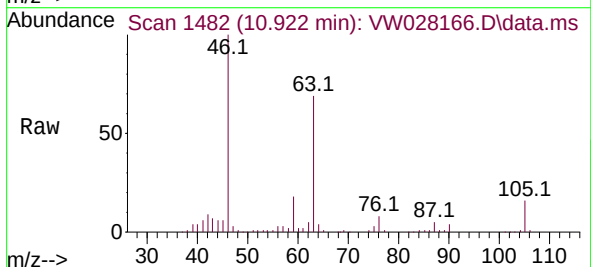
Ion Ratio Lower Upper

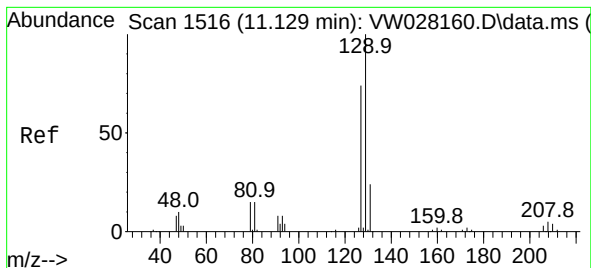
43 100

58 28.2 51.8 77.8#

57 31.6 18.2 27.4#

100 0.0 14.3 21.5#





#49

Dibromochloromethane

Concen: 1.575 ug/L

RT: 10.855 min Scan# 14

Delta R.T. -0.274 min

Lab File: VW028166.D

Acq: 13 Mar 2024 14:25

Instrument :

MSVOA_W

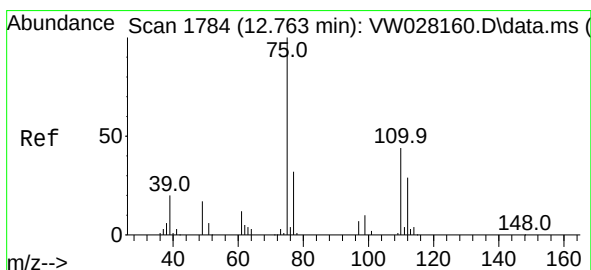
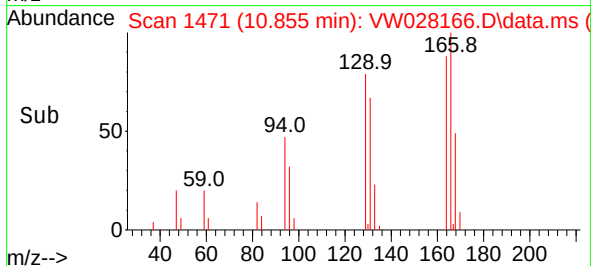
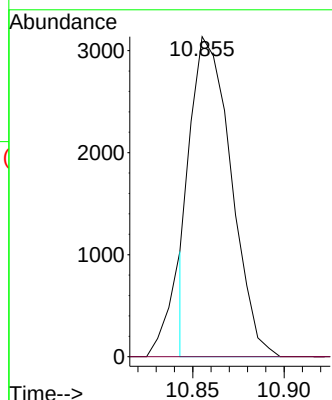
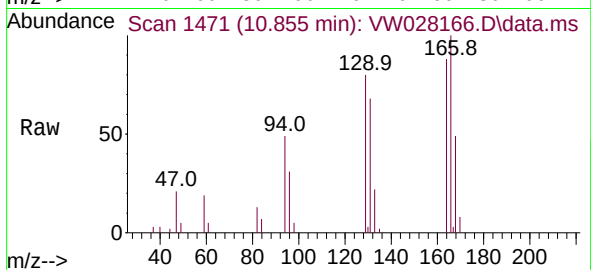
ClientSampleId :

Tgt Ion:129 Resp: 4816

Ion Ratio Lower Upper

129 100

127 0.0 57.1 106.1#



#61

1,2,3-Trichloropropane

Concen: 7.151 ug/L

RT: 13.550 min Scan# 1913

Delta R.T. 0.787 min

Lab File: VW028166.D

Acq: 13 Mar 2024 14:25

Tgt Ion: 75 Resp: 12673

Ion Ratio Lower Upper

75 100

77 34.2 25.9 38.9

110 3.1 34.1 51.1#

