

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040424\
 Data File : VW028315.D
 Acq On : 04 Apr 2024 15:28
 Operator : SY/MD
 Sample : P1988-04RE
 Misc : 4.76g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 05 01:03:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 05 00:59:55 2024
 Response via : Initial Calibration

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

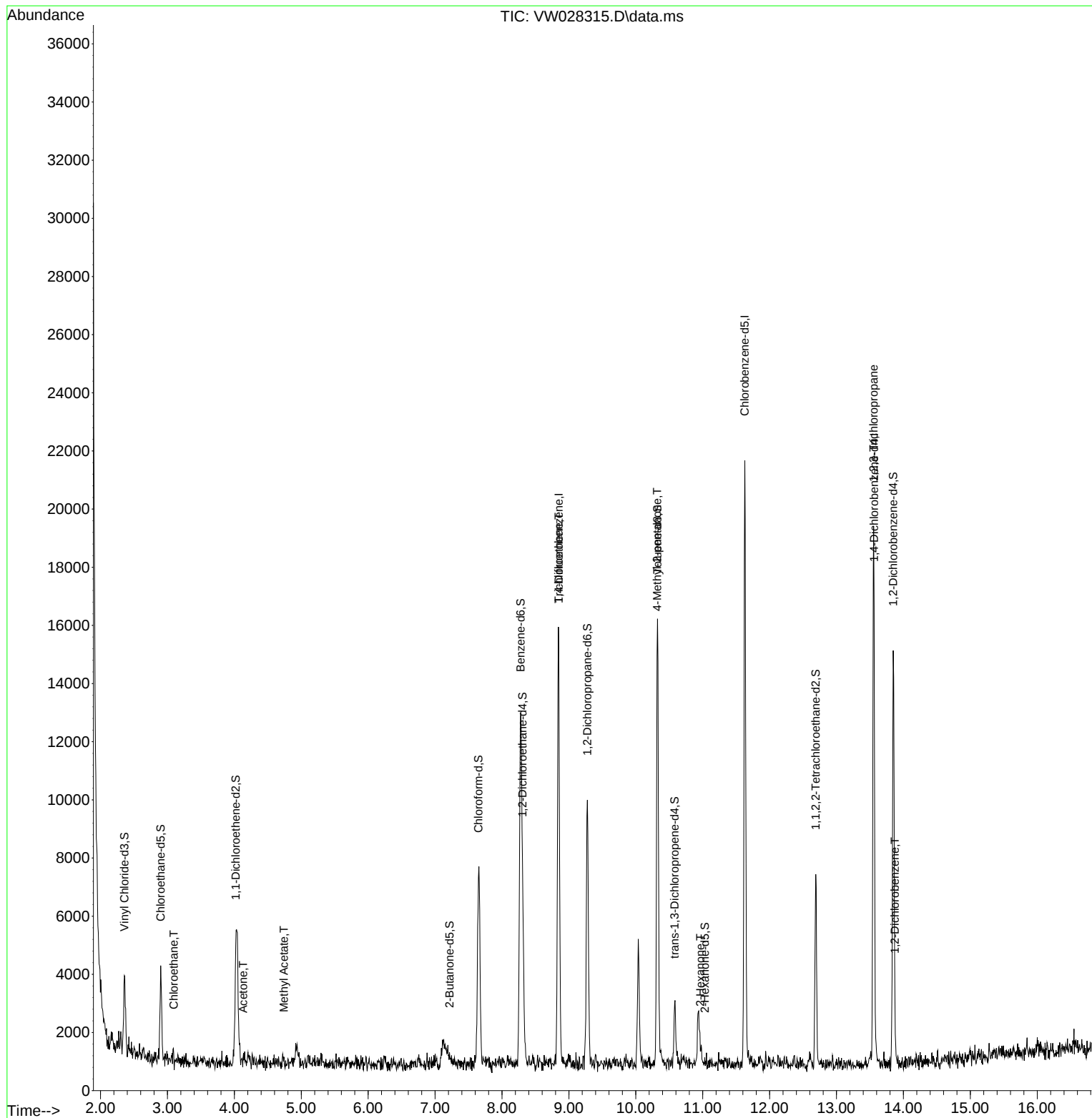
Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	11531	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	11127	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.562	152	4838	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	2583	19.145	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.560%
7) Chloroethane-d5	2.899	69	2875	30.501	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.000%
11) 1,1-Dichloroethene-d2	4.021	65	525	6.136	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	24.560%#
21) 2-Butanone-d5	7.215	46	175	4.398	ug/L	0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	8.800%#
24) Chloroform-d	7.648	84	7005	20.602	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	8.307	65	3758	20.056	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.240%
32) Benzene-d6	8.276	84	12756	18.777	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.120%
36) 1,2-Dichloropropane-d6	9.276	67	4122	21.084	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.320%
41) Toluene-d8	10.325	98	10395	16.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.360%
43) trans-1,3-Dichloroprop...	10.581	79	1429	16.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.360%
47) 2-Hexanone-d5	11.032	63	49	1.516	ug/L	0.11
Spiked Amount	50.000	Range	20 - 135	Recovery	=	3.040%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	3210	22.228	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	3784	21.471	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.880%
Target Compounds						Qvalue
8) Chloroethane	3.094	64	41	0.569	ug/L #	42
13) Acetone	4.131	43	202	4.572	ug/L	86
15) Methyl Acetate	4.740	43	46	0.676	ug/L #	53
34) Trichloroethene	8.849	95	543	2.843	ug/L #	5
40) 4-Methyl-2-pentanone	10.319	43	112	1.159	ug/L #	1
48) 2-Hexanone	10.965	43	124	1.637	ug/L #	62
61) 1,2,3-Trichloropropane	13.556	75	889	9.628	ug/L #	59
67) 1,2-Dichlorobenzene	13.873	146	116	0.420	ug/L #	26

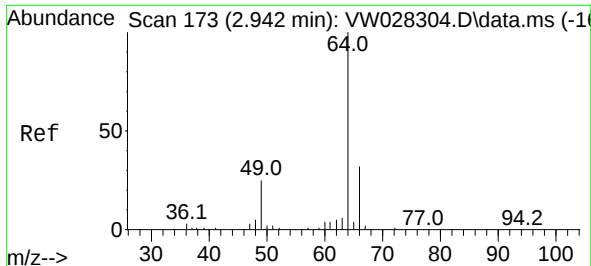
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Apr 05 00:59:55 2024
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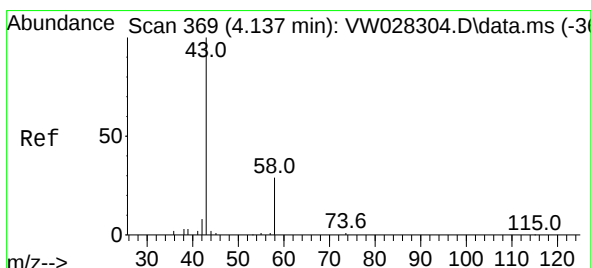
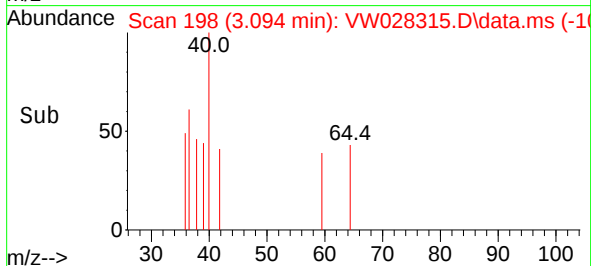
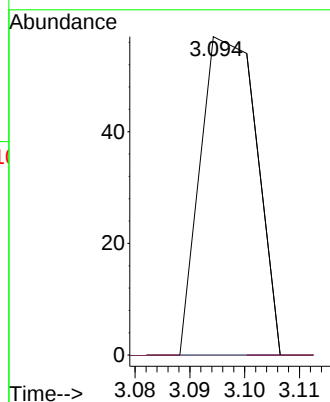
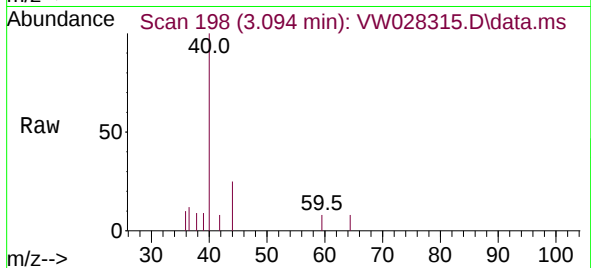




#8
Chloroethane
Concen: 0.569 ug/L
RT: 3.094 min Scan# 11
Delta R.T. 0.152 min
Lab File: VW028315.D
Acq: 04 Apr 2024 15:28

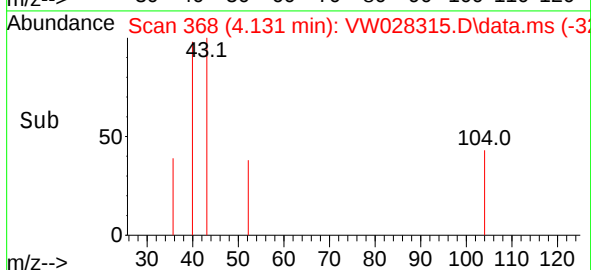
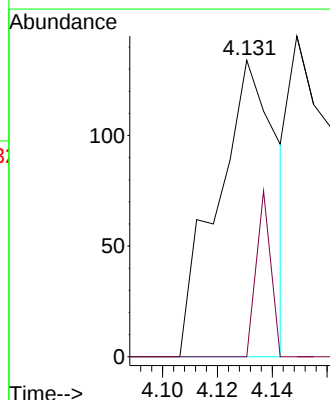
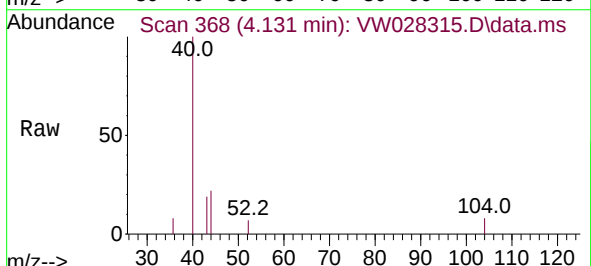
Instrument :
MSVOA_W
ClientSampleId :

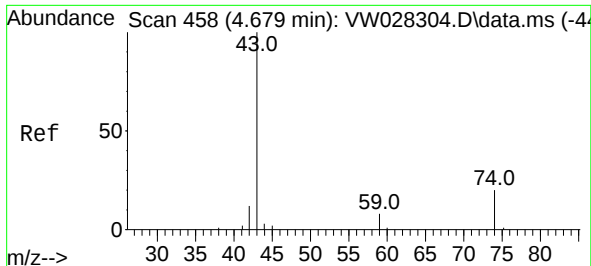
Tgt Ion: 64 Resp: 41
Ion Ratio Lower Upper
64 100
66 0.0 22.9 42.5#



#13
Acetone
Concen: 4.572 ug/L
RT: 4.131 min Scan# 368
Delta R.T. -0.006 min
Lab File: VW028315.D
Acq: 04 Apr 2024 15:28

Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
58 21.3 0.0 57.8





#15

Methyl Acetate

Concen: 0.676 ug/L

RT: 4.740 min Scan# 4

Delta R.T. 0.061 min

Lab File: VW028315.D

Acq: 04 Apr 2024 15:28

Instrument :

MSVOA_W

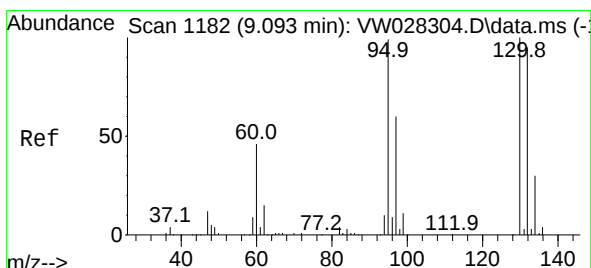
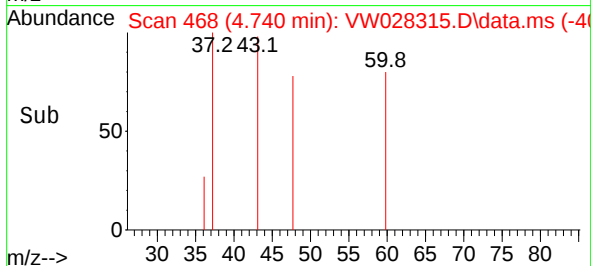
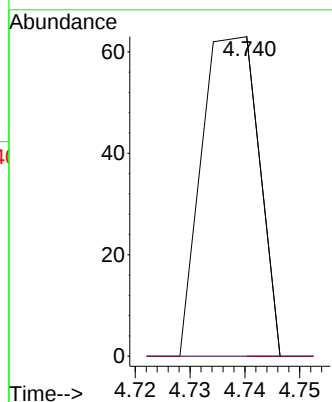
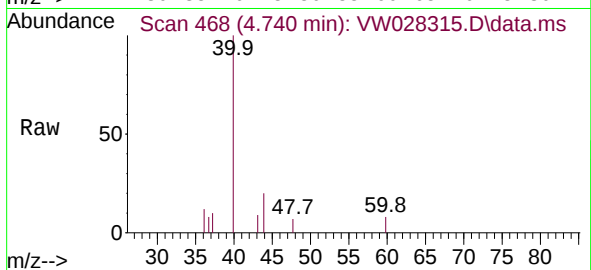
ClientSampleId :

Tgt Ion: 43 Resp: 46

Ion Ratio Lower Upper

43 100

74 0.0 18.2 27.2#



#34

Trichloroethene

Concen: 2.843 ug/L

RT: 8.849 min Scan# 1142

Delta R.T. -0.244 min

Lab File: VW028315.D

Acq: 04 Apr 2024 15:28

Tgt Ion: 95 Resp: 543

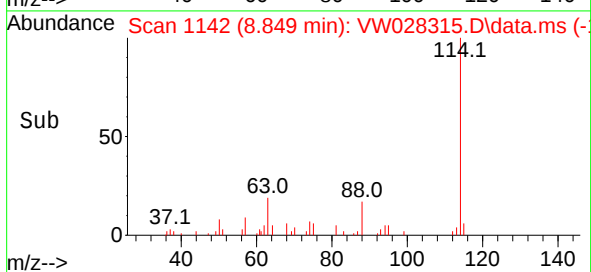
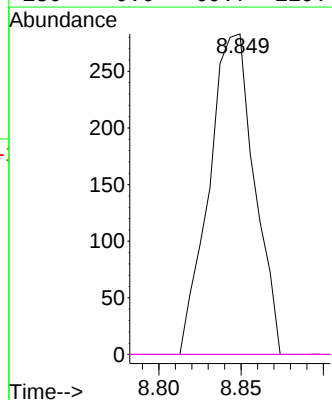
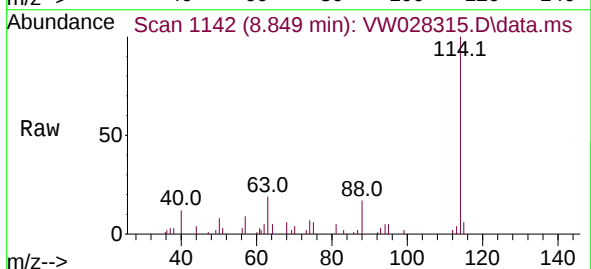
Ion Ratio Lower Upper

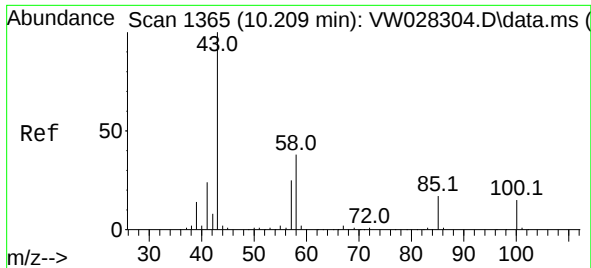
95 100

97 0.0 42.4 78.6#

132 0.0 69.4 128.8#

130 0.0 69.7 129.4#





#40

4-Methyl-2-pentanone

Concen: 1.159 ug/L

RT: 10.319 min Scan# 1383

Delta R.T. 0.110 min

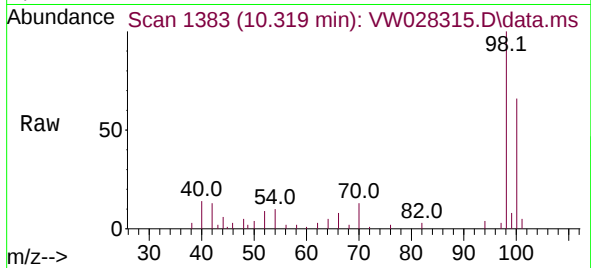
Lab File: VW028315.D

Acq: 04 Apr 2024 15:28

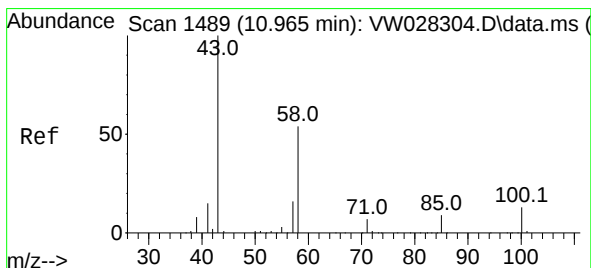
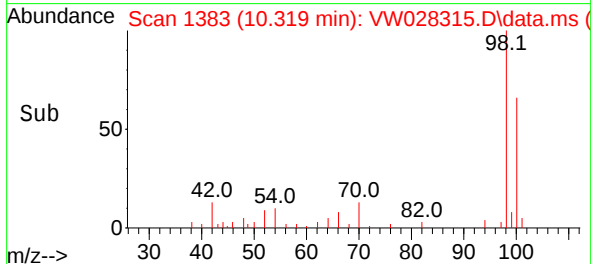
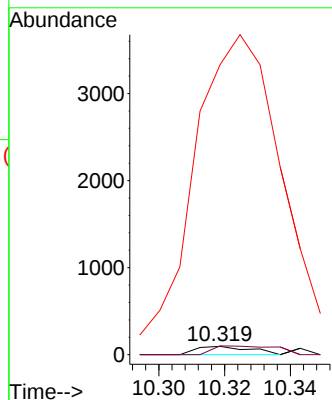
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	43	Resp:	112
Ion Ratio	Lower	Upper	
43	100		
58	92.9	30.1	45.1#
100	6316.1	11.8	17.8#



#48

2-Hexanone

Concen: 1.637 ug/L

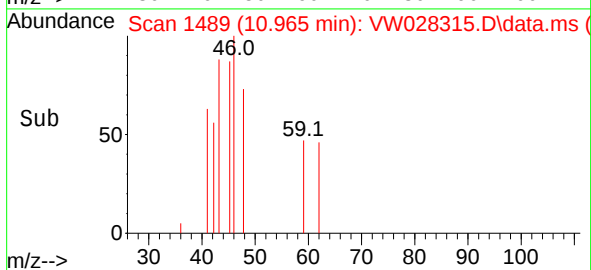
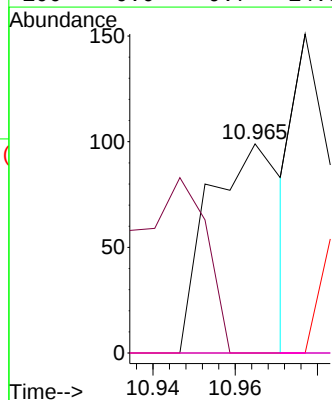
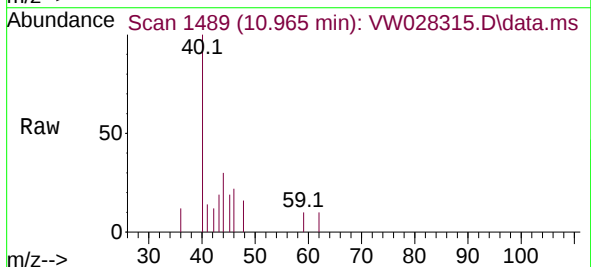
RT: 10.965 min Scan# 1489

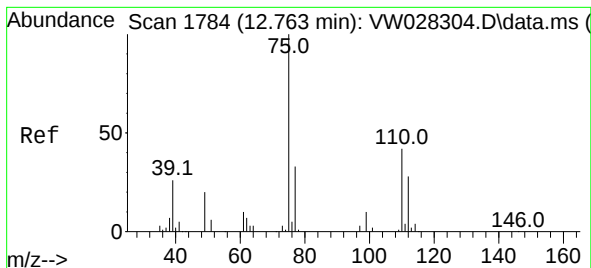
Delta R.T. 0.000 min

Lab File: VW028315.D

Acq: 04 Apr 2024 15:28

Tgt Ion:	43	Resp:	124
Ion Ratio	Lower	Upper	
43	100		
58	77.4	40.6	61.0#
57	0.0	15.7	23.5#
100	0.0	9.7	14.5#





#61

1,2,3-Trichloropropane

Concen: 9.628 ug/L

RT: 13.556 min Scan# 1914

Delta R.T. 0.793 min

Lab File: VW028315.D

Acq: 04 Apr 2024 15:28

Instrument :

MSVOA_W

ClientSampleId :

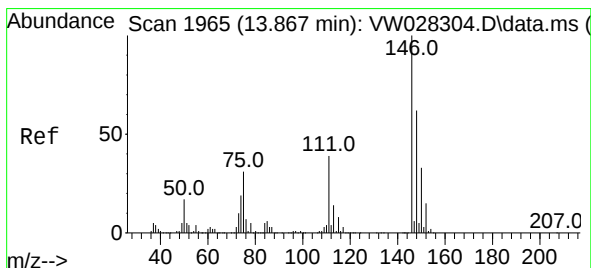
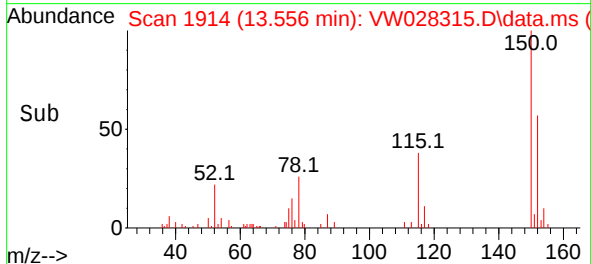
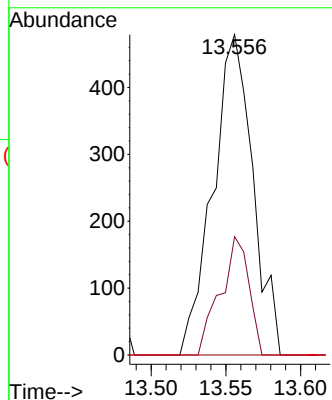
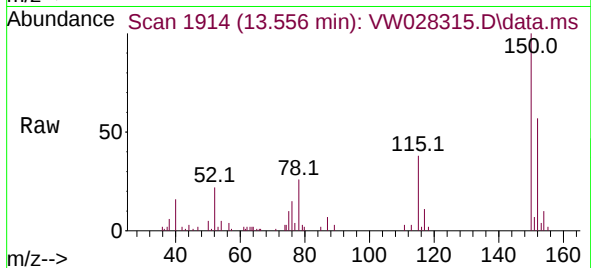
Tgt Ion: 75 Resp: 889

Ion Ratio Lower Upper

75 100

77 26.3 26.0 39.0

110 0.0 32.2 48.2#



#67

1,2-Dichlorobenzene

Concen: 0.420 ug/L

RT: 13.873 min Scan# 1966

Delta R.T. 0.006 min

Lab File: VW028315.D

Acq: 04 Apr 2024 15:28

Tgt Ion:146 Resp: 116

Ion Ratio Lower Upper

146 100

111 0.0 34.2 51.2#

148 0.0 48.1 72.1#

