

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029846.D
 Acq On : 14 Jan 2023 09:59
 Operator : SY/MD
 Sample : VW0113WBL03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK291

Quant Time: Jan 16 00:39:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

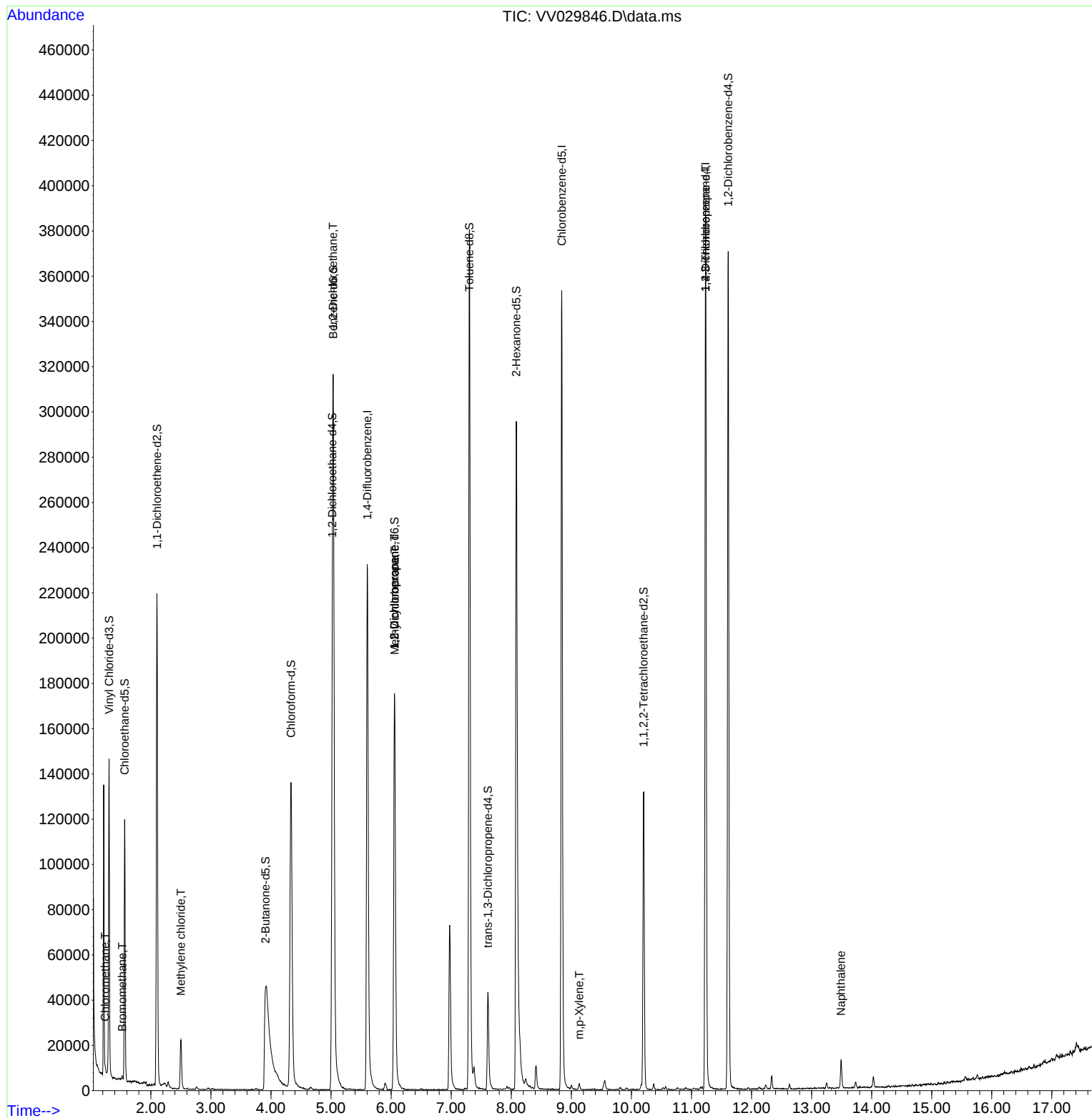
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	219285	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	211631	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	110007	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84786	5.098	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.564	69	72892	5.287	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.101	63	111896	3.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.800%
20) 2-Butanone-d5	3.908	46	134085	45.483	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.960%
24) Chloroform-d	4.333	84	151049	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.021	65	65284	5.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.037	84	319142	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.056	67	94719	5.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.304	98	275020	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.612	79	28450	4.240	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.085	63	130937	47.932	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.860%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	68380	5.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	101792	5.090	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1738	0.081	ug/L	94
6) Bromomethane	1.523	94	826	0.081	ug/L	99
16) Methylene chloride	2.500	84	10185	0.438	ug/L	97
27) 1,2-Dichloroethane	5.034	62	1243	0.081	ug/L #	71
35) Methylcyclohexane	6.059	83	22570	0.754	ug/L #	20
37) 1,2-Dichloropropane	6.056	63	9813	0.599	ug/L #	85
53) m,p-Xylene	9.133	106	940	0.030	ug/L	99
61) 1,2,3-Trichloropropane	11.236	75	11886	1.459	ug/L #	67
71) Naphthalene	13.490	128	10616	0.365	ug/L	98

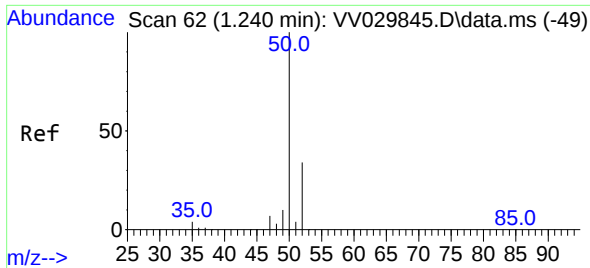
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_V
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VBLK291

Quant Time: Jan 16 00:39:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
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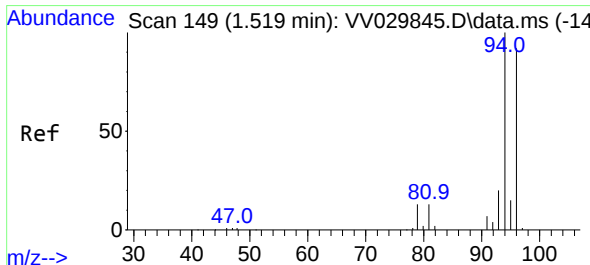
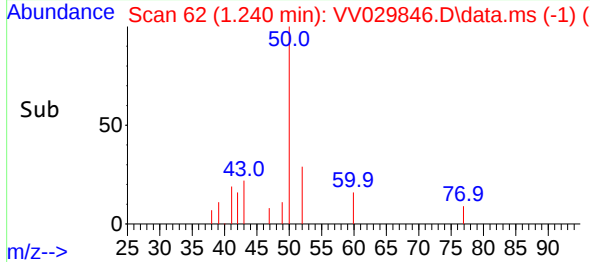
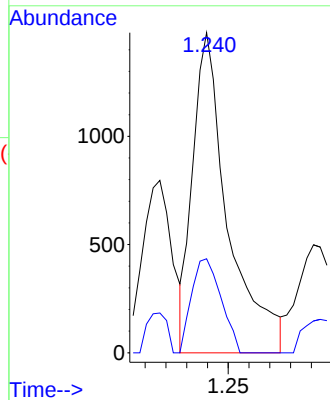
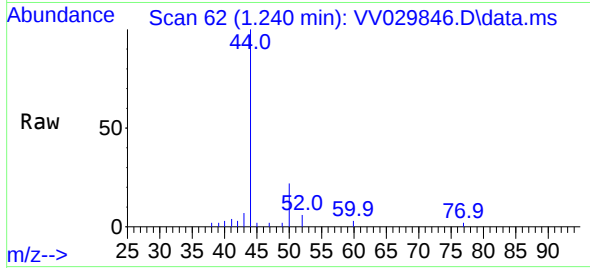




#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029846.D
Acq: 14 Jan 2023 09:59

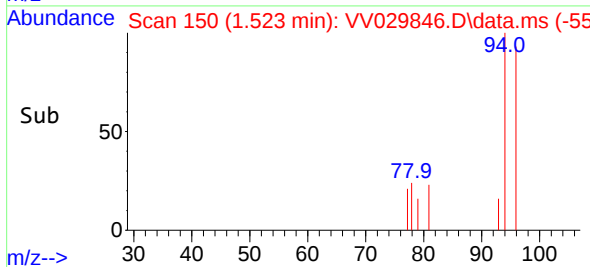
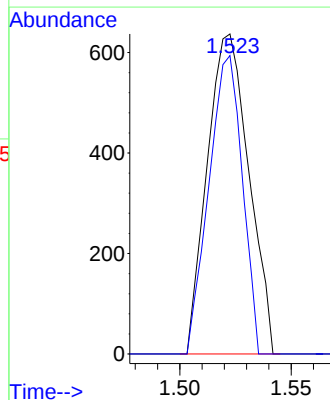
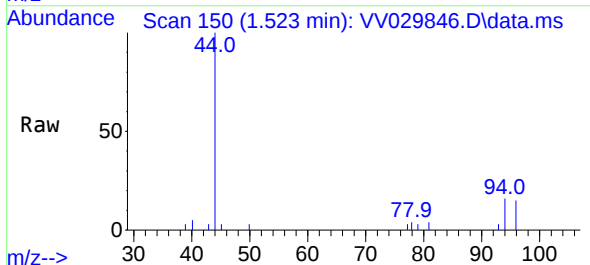
Instrument :
MSVOA_V
ClientSampleId :
VBLK291

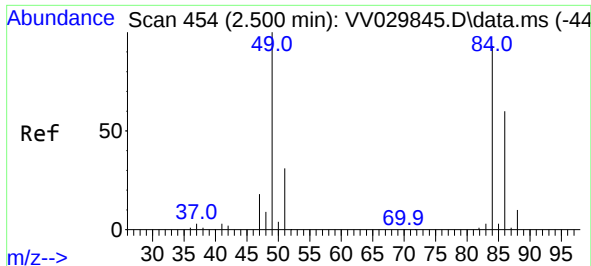
Tgt Ion: 50 Resp: 1738
Ion Ratio Lower Upper
50 100
52 29.3 23.1 42.9



#6
Bromomethane
Concen: 0.081 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.006 min
Lab File: VV029846.D
Acq: 14 Jan 2023 09:59

Tgt Ion: 94 Resp: 826
Ion Ratio Lower Upper
94 100
96 93.2 65.9 122.5

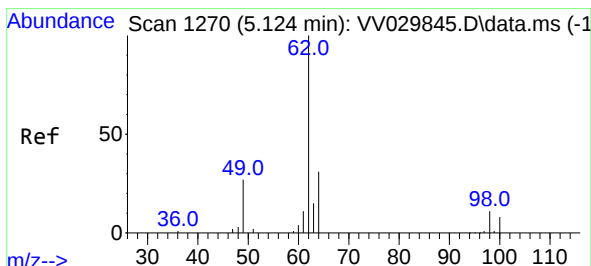
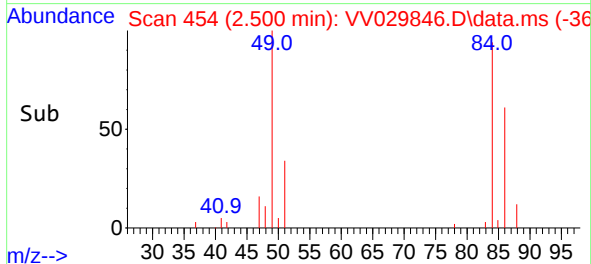
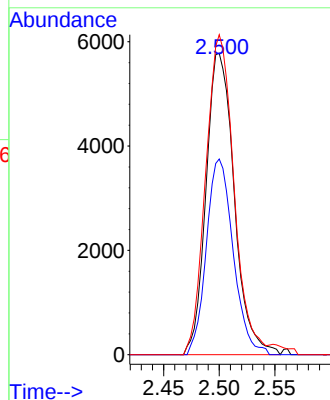
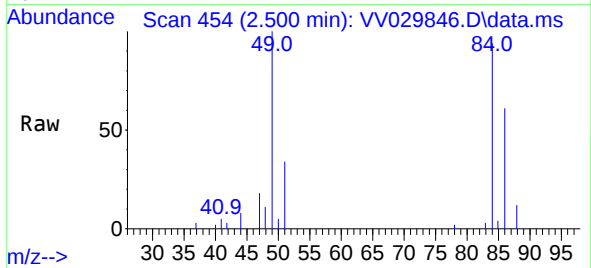




#16
Methylene chloride
Concen: 0.438 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029846.D
Acq: 14 Jan 2023 09:59

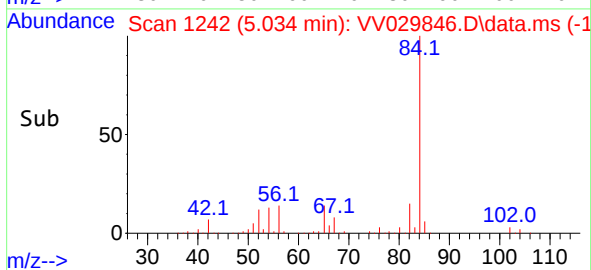
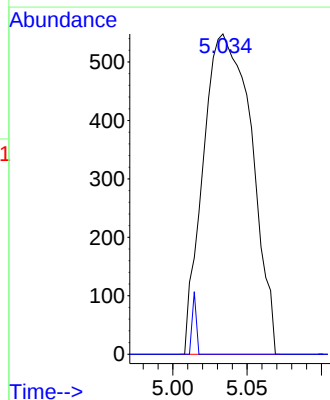
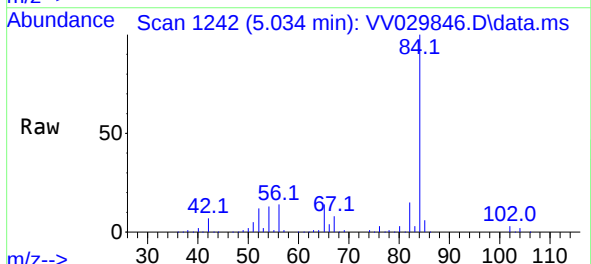
Instrument :
MSVOA_V
ClientSampleId :
VBLK291

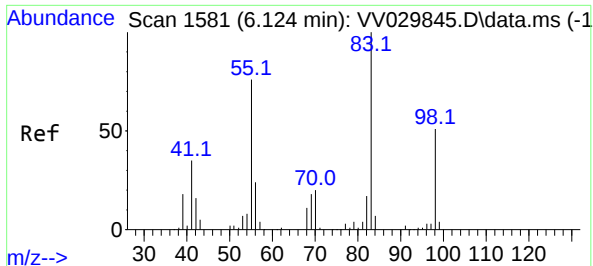
Tgt Ion: 84 Resp: 10185
Ion Ratio Lower Upper
84 100
86 64.9 45.0 83.6
49 106.2 71.5 132.7



#27
1,2-Dichloroethane
Concen: 0.081 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.087 min
Lab File: VV029846.D
Acq: 14 Jan 2023 09:59

Tgt Ion: 62 Resp: 1243
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#





#35

Methylcyclohexane

Concen: 0.754 ug/L

RT: 6.059 min Scan# 1560

Delta R.T. -0.061 min

Lab File: VV029846.D

Acq: 14 Jan 2023 09:59

Instrument :

MSVOA_V

ClientSampleId :

VBLK291

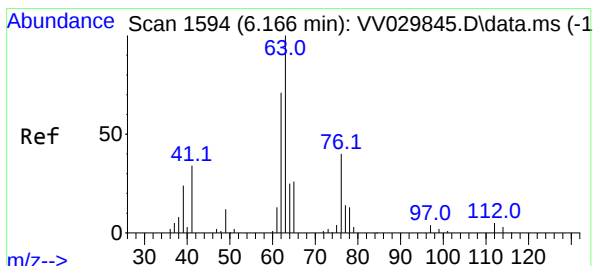
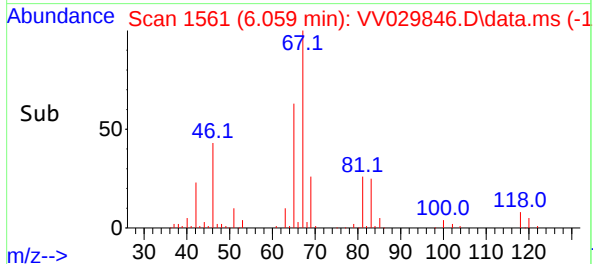
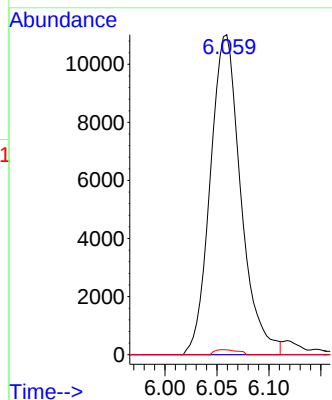
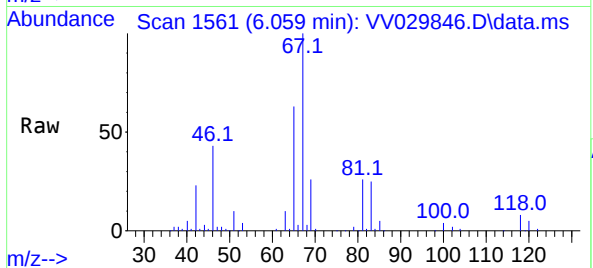
Tgt Ion: 83 Resp: 22570

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 1.2 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.599 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. -0.106 min

Lab File: VV029846.D

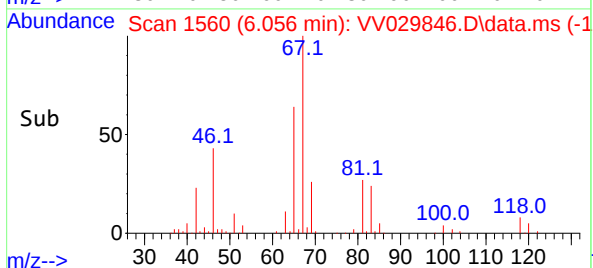
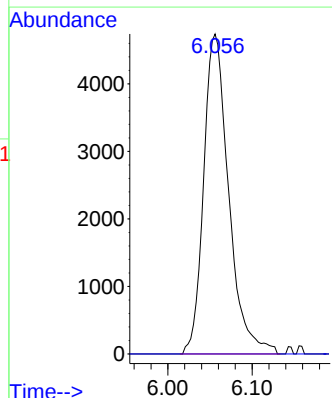
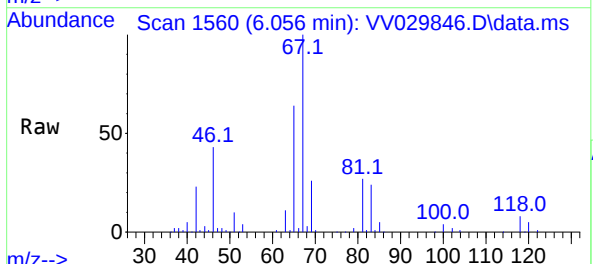
Acq: 14 Jan 2023 09:59

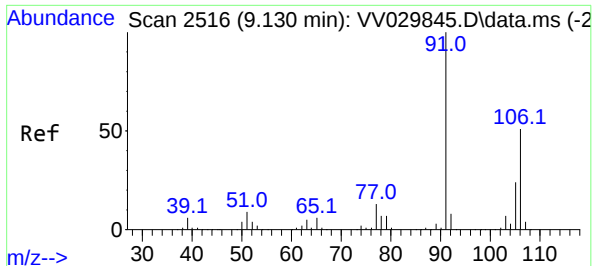
Tgt Ion: 63 Resp: 9813

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#

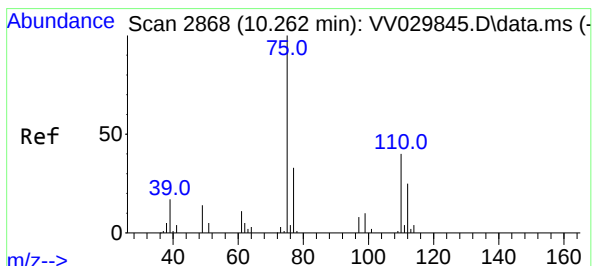
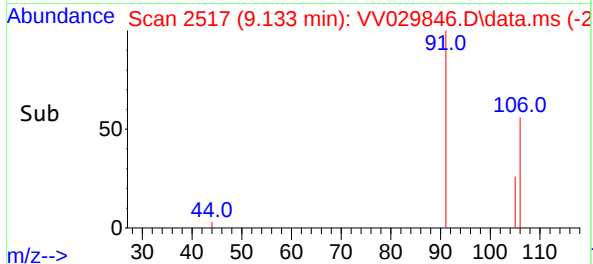
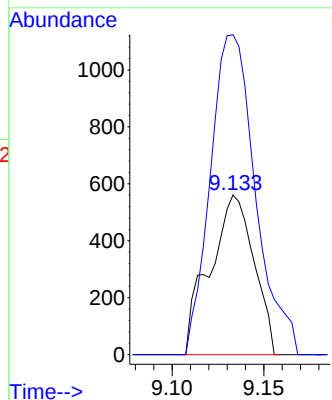
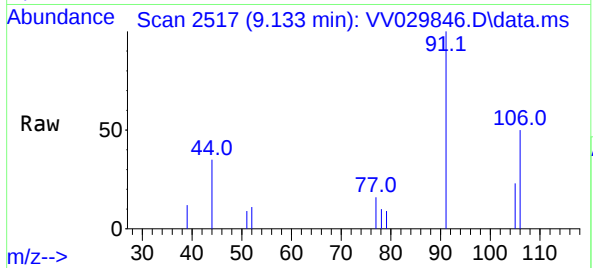




#53
m,p-Xylene
Concen: 0.030 ug/L
RT: 9.133 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029846.D
Acq: 14 Jan 2023 09:59

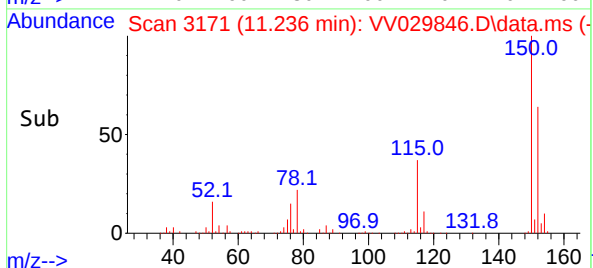
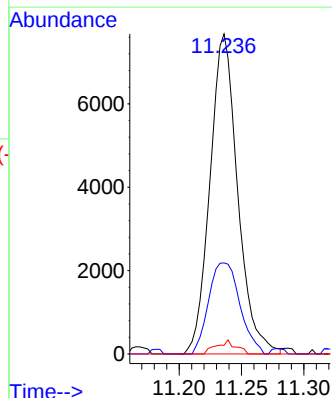
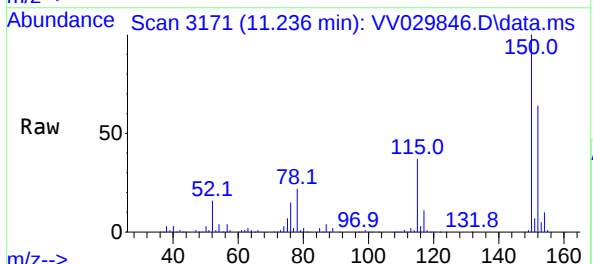
Instrument :
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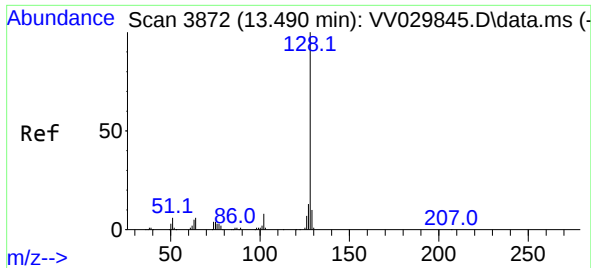
Tgt Ion:106 Resp: 940
Ion Ratio Lower Upper
106 100
91 200.4 138.7 257.7



#61
1,2,3-Trichloropropane
Concen: 1.459 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029846.D
Acq: 14 Jan 2023 09:59

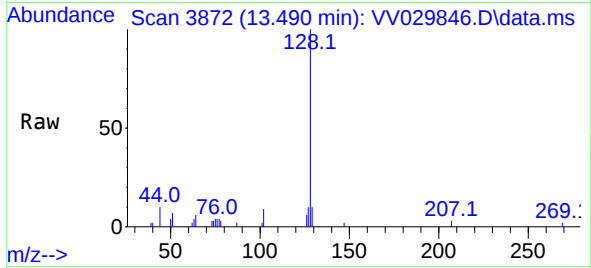
Tgt Ion: 75 Resp: 11886
Ion Ratio Lower Upper
75 100
77 32.1 26.5 39.7
110 3.0 31.8 47.8#





#71
Naphthalene
Concen: 0.365 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. -0.000 min
Lab File: VV029846.D
Acq: 14 Jan 2023 09:59

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:	128	Resp:	10616
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	11.5	10.0	15.0

