

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020323\
 Data File : VW030036.D
 Acq On : 03 Feb 2023 15:06
 Operator : SY/MD
 Sample : 01393-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 04 01:03:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 04 01:01:21 2023
 Response via : Initial Calibration

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

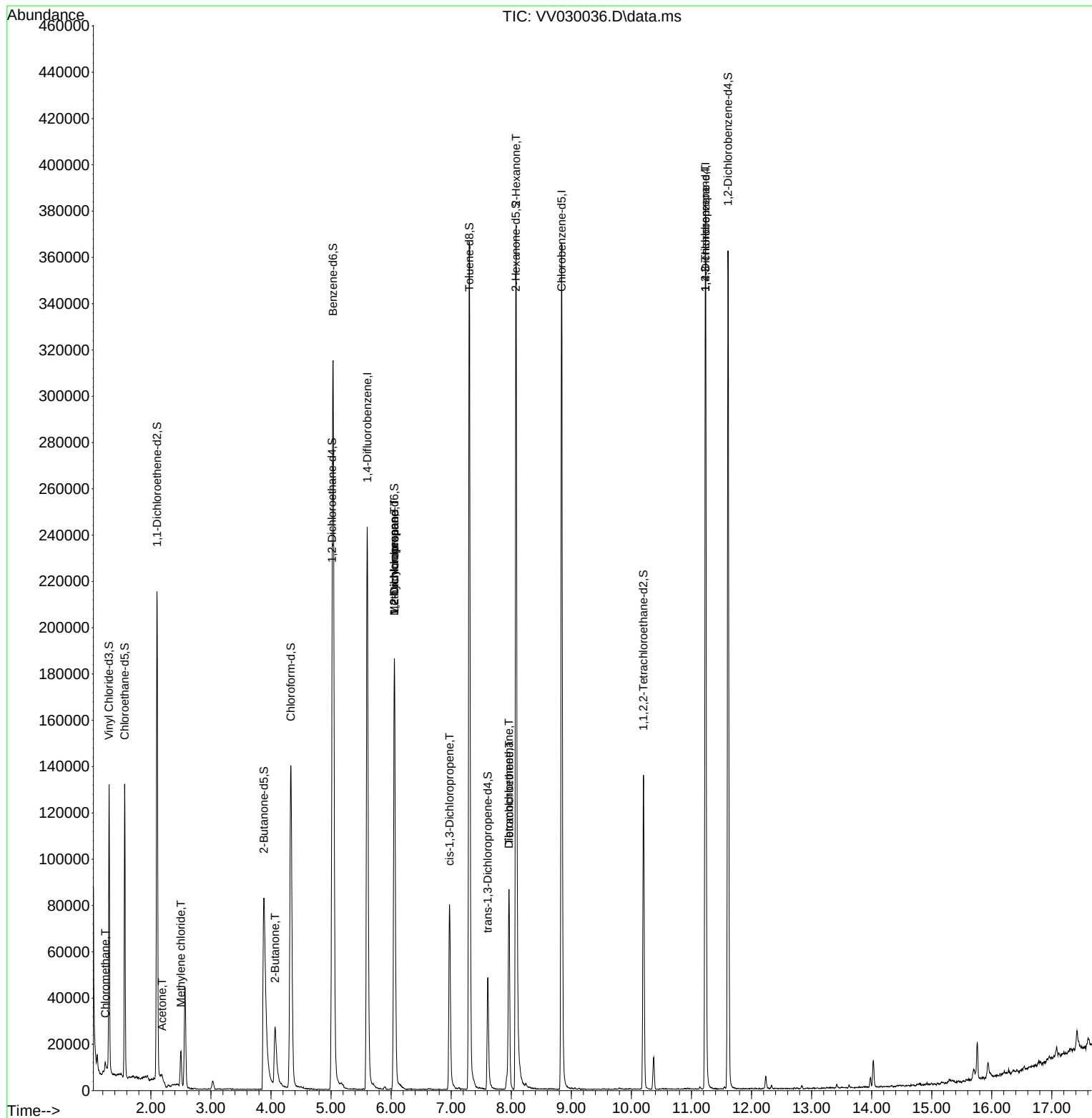
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	223464	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.837	117	213973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	104285	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80238	4.734	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.600%	
7) Chloroethane-d5	1.564	69	78457	5.584	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	111.600%	
11) 1,1-Dichloroethene-d2	2.101	63	110655	3.581	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.600%	
20) 2-Butanone-d5	3.883	46	163563	54.445	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.900%	
24) Chloroform-d	4.330	84	152825	4.915	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.018	65	65347	4.963	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.200%	
32) Benzene-d6	5.034	84	310035	4.885	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	6.053	67	99522	5.358	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.200%	
41) Toluene-d8	7.301	98	258580	4.400	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
43) trans-1,3-Dichloroprop...	7.609	79	31046	4.576	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.600%	
46) 2-Hexanone-d5	8.079	63	144540	52.333	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.660%	
56) 1,1,2,2-Tetrachloroeth...	10.201	84	69494	5.105	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	11.609	152	97485	5.142	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						
3) Chloromethane	1.243	50	2567	0.117	ug/L	97
13) Acetone	2.188	43	4590	2.141	ug/L	96
16) Methylene chloride	2.500	84	6650	0.281	ug/L	96
21) 2-Butanone	4.069	43	45368	14.769	ug/L #	47
35) Methylcyclohexane	6.053	83	22421	0.741	ug/L #	21
37) 1,2-Dichloropropane	6.056	63	9824	0.593	ug/L #	85
39) cis-1,3-Dichloropropene	6.976	75	1879	0.085	ug/L #	58
47) Tetrachloroethene	7.963	164	20232	1.340	ug/L	98
48) 2-Hexanone	8.082	43	14286	2.827	ug/L #	63
49) Dibromochloromethane	7.960	129	18444	1.317	ug/L #	11
61) 1,2,3-Trichloropropane	11.233	75	11955	1.548	ug/L #	65

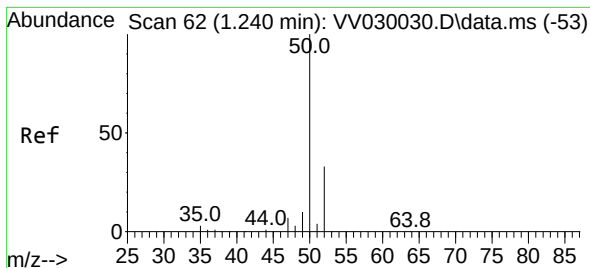
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 04 01:01:21 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.117 ug/L

RT: 1.243 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV030036.D

Acq: 03 Feb 2023 15:06

Instrument :

MSVOA_V

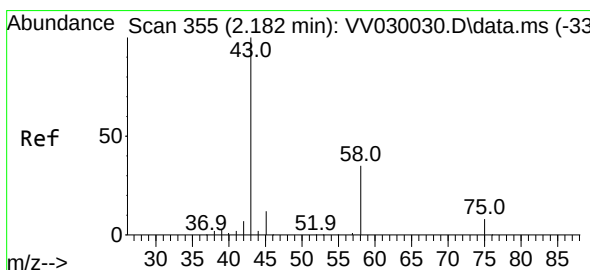
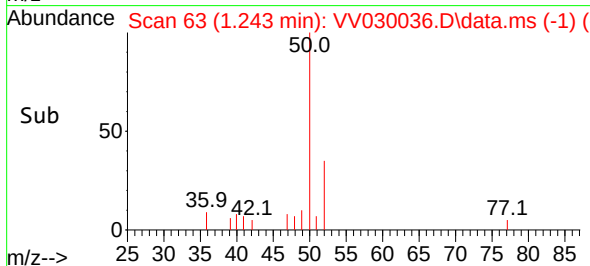
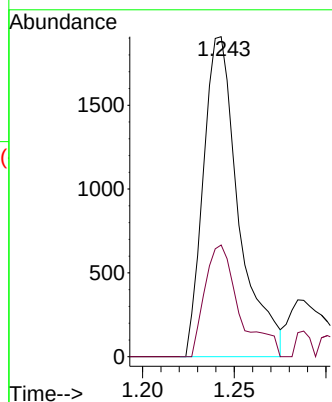
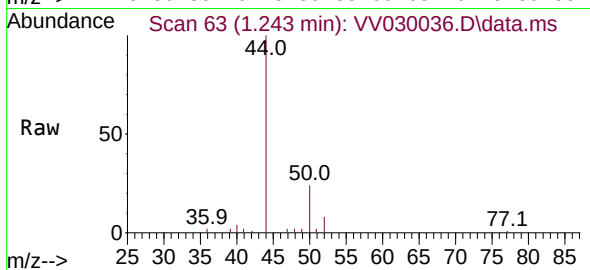
ClientSampleId :

Tgt Ion: 50 Resp: 2567

Ion Ratio Lower Upper

50 100

52 34.9 23.1 42.9



#13

Acetone

Concen: 2.141 ug/L

RT: 2.188 min Scan# 357

Delta R.T. 0.007 min

Lab File: VV030036.D

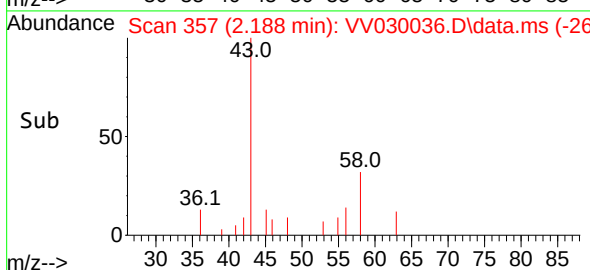
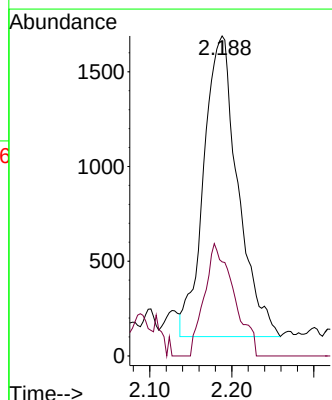
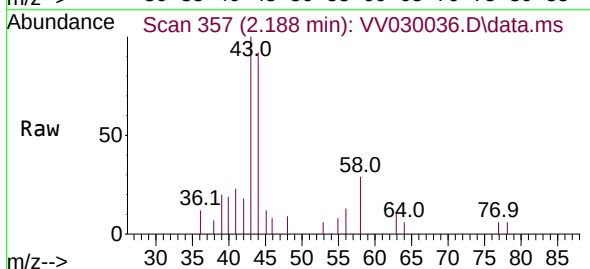
Acq: 03 Feb 2023 15:06

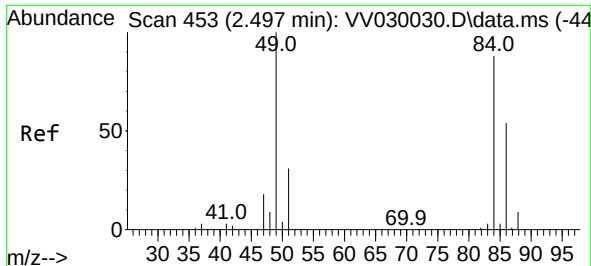
Tgt Ion: 43 Resp: 4590

Ion Ratio Lower Upper

43 100

58 32.3 0.0 68.8

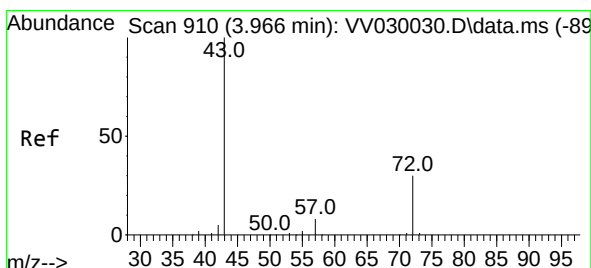
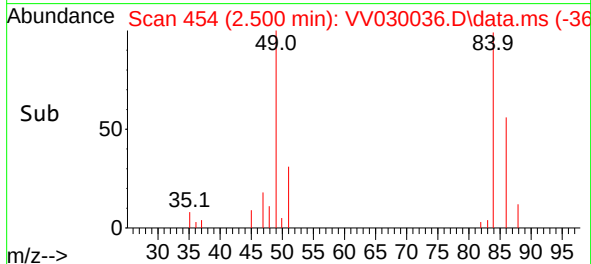
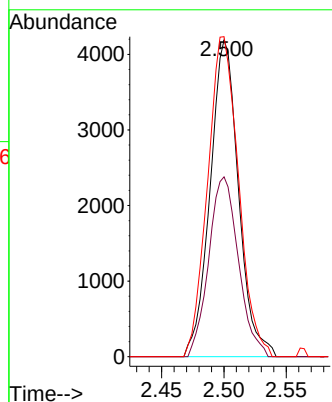
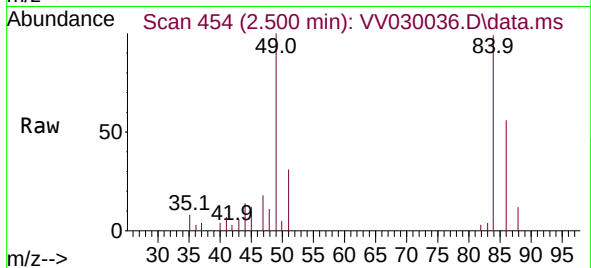




#16
Methylene chloride
Concen: 0.281 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV030036.D
Acq: 03 Feb 2023 15:06

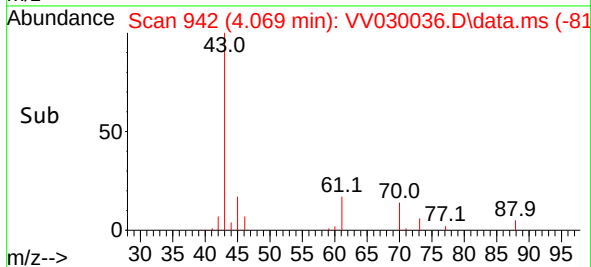
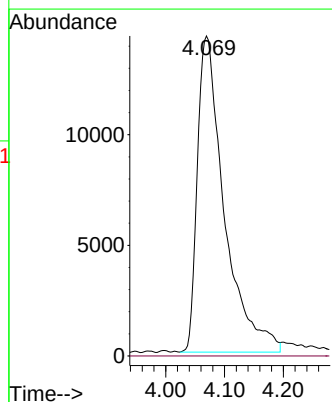
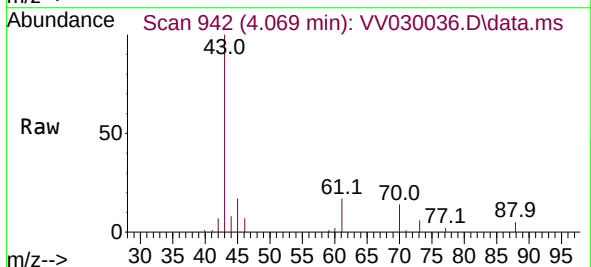
Instrument :
MSVOA_V
ClientSampleId :

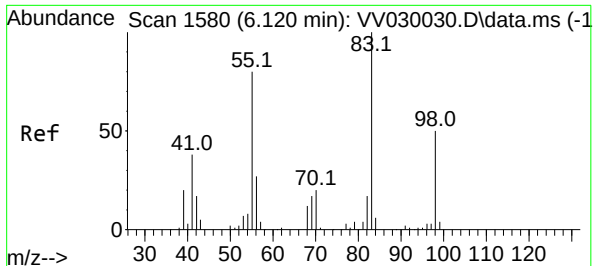
Tgt Ion: 84 Resp: 6650
Ion Ratio Lower Upper
84 100
86 56.8 45.0 83.6
49 101.1 71.5 132.7



#21
2-Butanone
Concen: 14.769 ug/L
RT: 4.069 min Scan# 942
Delta R.T. 0.103 min
Lab File: VV030036.D
Acq: 03 Feb 2023 15:06

Tgt Ion: 43 Resp: 45368
Ion Ratio Lower Upper
43 100
72 0.0 13.9 41.6#





#35

Methylcyclohexane

Concen: 0.741 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. -0.067 min

Lab File: VV030036.D

Acq: 03 Feb 2023 15:06

Instrument :

MSVOA_V

ClientSampleId :

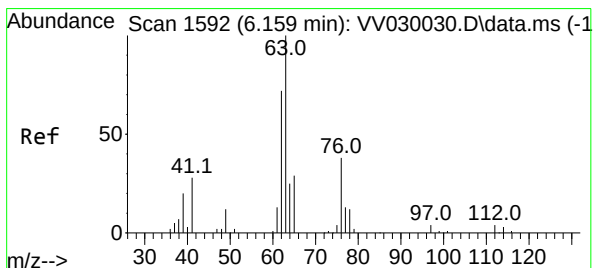
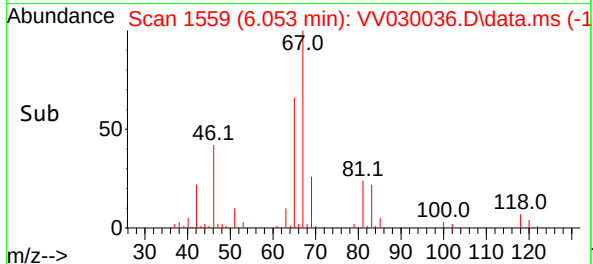
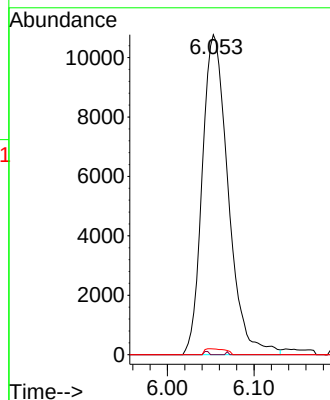
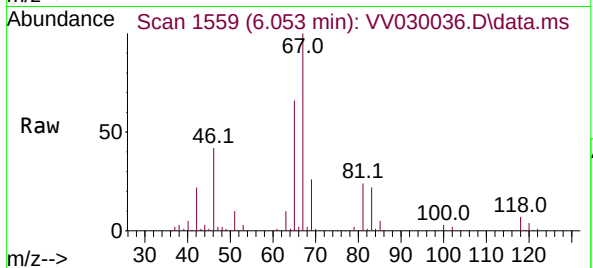
Tgt Ion: 83 Resp: 22421

Ion Ratio Lower Upper

83 100

55 0.2 57.3 85.9#

98 1.5 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.593 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. -0.103 min

Lab File: VV030036.D

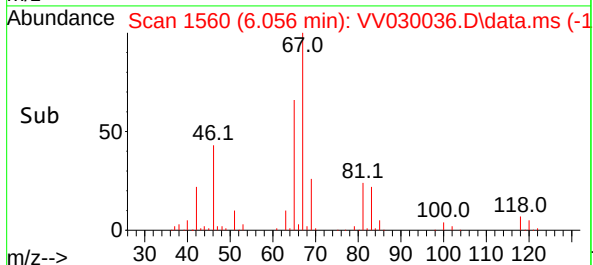
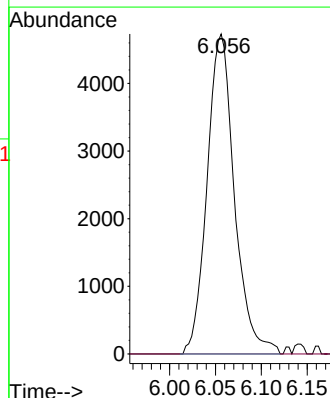
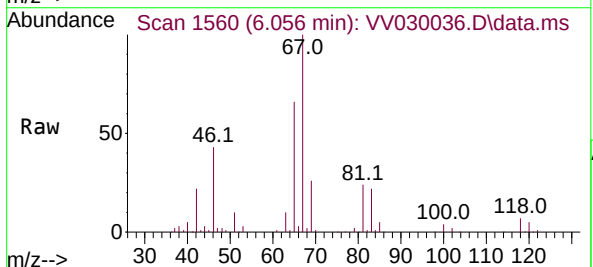
Acq: 03 Feb 2023 15:06

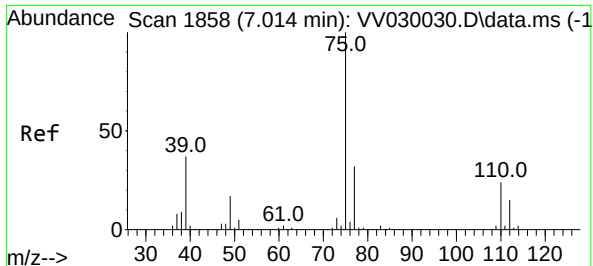
Tgt Ion: 63 Resp: 9824

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.976 min Scan# 1846

Delta R.T. -0.038 min

Lab File: VV030036.D

Acq: 03 Feb 2023 15:06

Instrument :

MSVOA_V

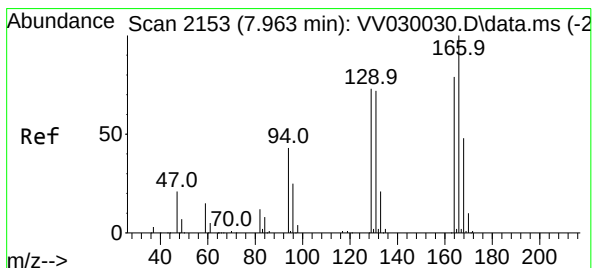
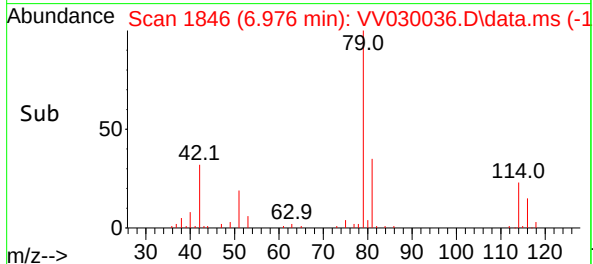
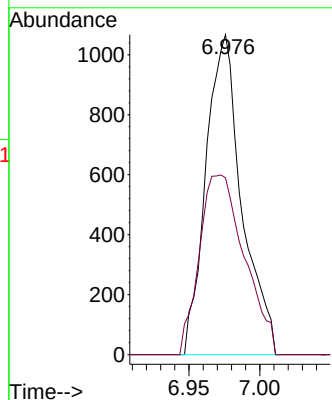
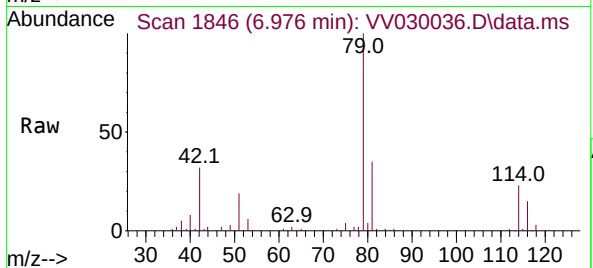
ClientSampleId :

Tgt Ion: 75 Resp: 1879

Ion Ratio Lower Upper

75 100

77 55.3 22.4 41.6#



#47

Tetrachloroethene

Concen: 1.340 ug/L

RT: 7.963 min Scan# 2153

Delta R.T. 0.000 min

Lab File: VV030036.D

Acq: 03 Feb 2023 15:06

Tgt Ion: 164 Resp: 20232

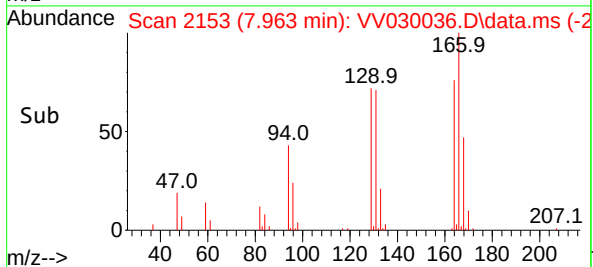
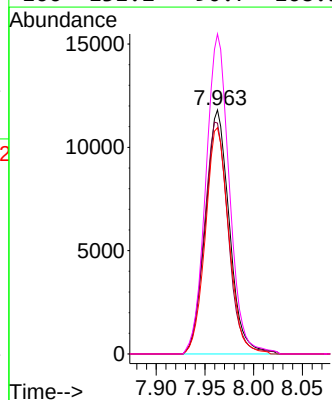
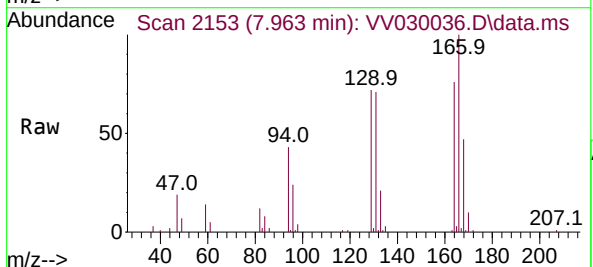
Ion Ratio Lower Upper

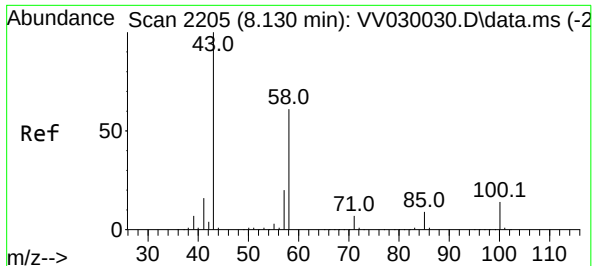
164 100

129 94.7 64.5 119.7

131 92.8 62.9 116.7

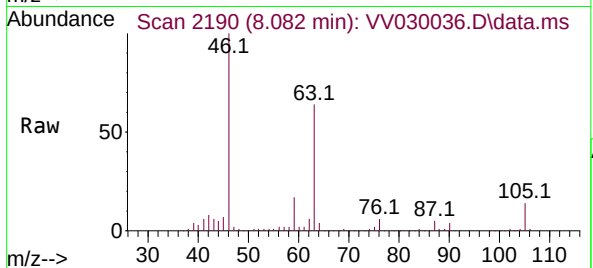
166 131.2 90.7 168.5



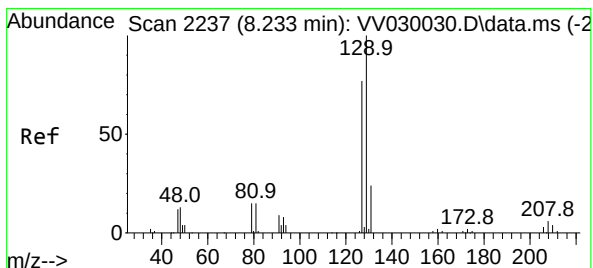
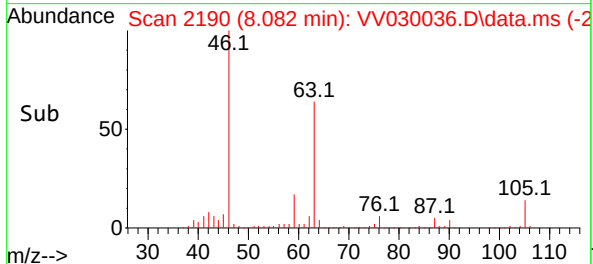
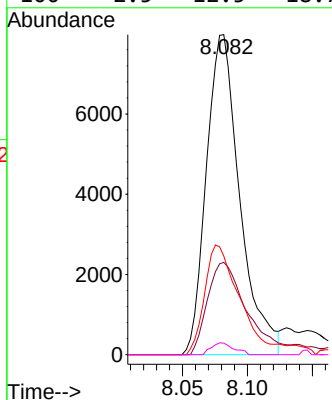


#48
2-Hexanone
Concen: 2.827 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.048 min
Lab File: VV030036.D
Acq: 03 Feb 2023 15:06

Instrument :
MSVOA_V
ClientSampleId :

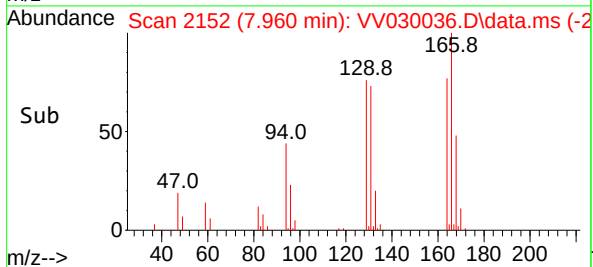
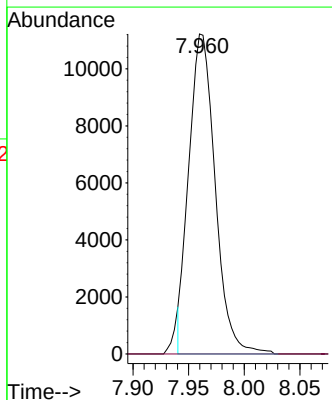
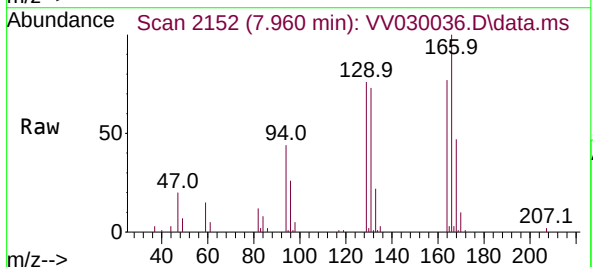


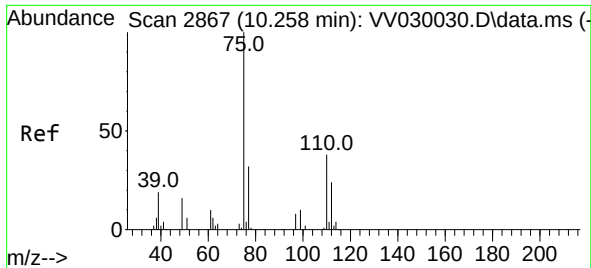
Tgt Ion: 43	Resp: 14286
Ion Ratio	Lower Upper
43	100
58	34.1 51.4 77.2#
57	37.9 17.0 25.6#
100	2.5 12.5 18.7#



#49
Dibromochloromethane
Concen: 1.317 ug/L
RT: 7.960 min Scan# 2152
Delta R.T. -0.273 min
Lab File: VV030036.D
Acq: 03 Feb 2023 15:06

Tgt Ion: 129	Resp: 18444
Ion Ratio	Lower Upper
129	100
127	0.0 54.1 100.5#





#61

1,2,3-Trichloropropane

Concen: 1.548 ug/L

RT: 11.233 min Scan# 31

Delta R.T. 0.974 min

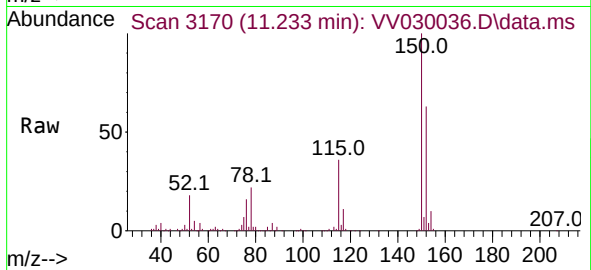
Lab File: VV030036.D

Acq: 03 Feb 2023 15:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 11955

Ion Ratio Lower Upper

75 100

77 31.8 26.5 39.7

110 1.9 31.8 47.8#

