

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012423\
 Data File : VW029930.D
 Acq On : 24 Jan 2023 18:03
 Operator : SY/MD
 Sample : 01225-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9G4

Quant Time: Jan 25 00:46:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 25 00:44:28 2023
 Response via : Initial Calibration

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

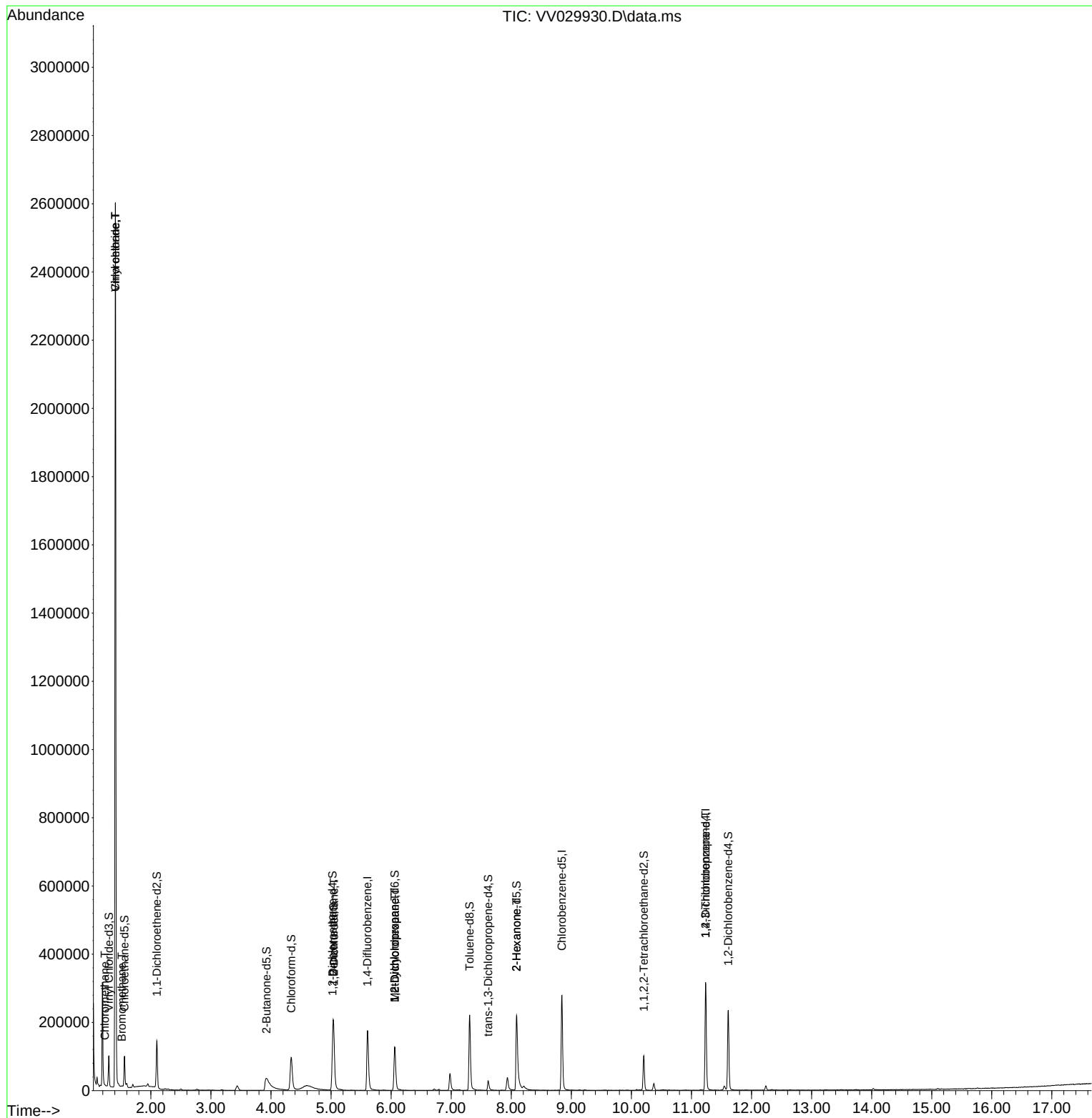
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	158960	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	163624	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	85727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	52316	4.339	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.561	69	52290	5.232	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.098	63	72921	3.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	3.925	46	89436	41.851	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.700%
24) Chloroform-d	4.336	84	106838	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.024	65	46930	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.040	84	198078	4.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.059	67	67678	4.764	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.307	98	155799	3.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	7.616	79	17852	3.441	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.800%
46) 2-Hexanone-d5	8.088	63	95444	45.191	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.380%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	52282	5.022	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	64397	4.132	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						Qvalue
3) Chloromethane	1.233	50	1805	0.116	ug/L	90
5) Vinyl chloride	1.410	62	34731	2.275	ug/L #	74
6) Bromomethane	1.516	94	924	0.124	ug/L	91
8) Chloroethane	1.410	64	6323	0.683	ug/L #	63
27) 1,2-Dichloroethane	5.047	62	1081	0.097	ug/L #	71
35) Methylcyclohexane	6.059	83	15539	0.671	ug/L #	21
37) 1,2-Dichloropropane	6.059	63	7179	0.567	ug/L #	86
48) 2-Hexanone	8.088	43	10181	2.635	ug/L #	64
61) 1,2,3-Trichloropropane	11.236	75	10430	1.643	ug/L #	66

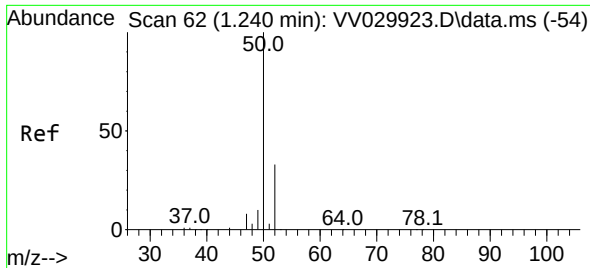
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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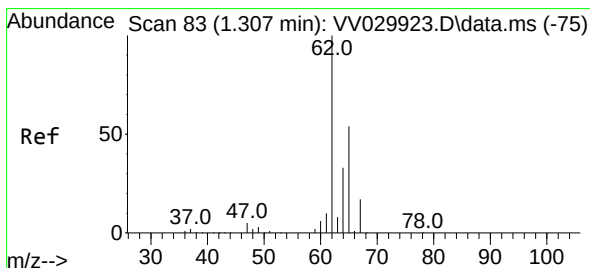
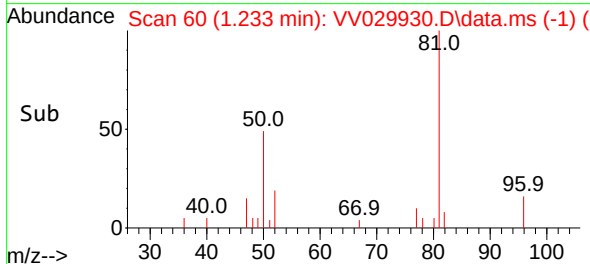
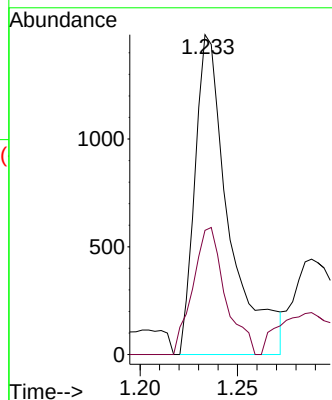
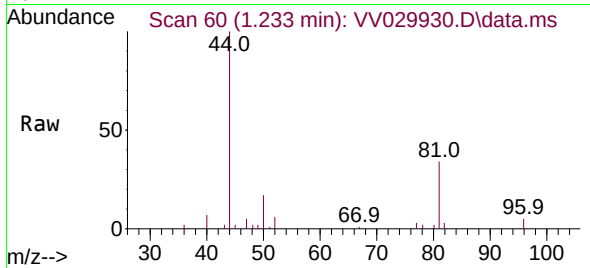




#3
Chloromethane
Concen: 0.116 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.006 min
Lab File: VV029930.D
Acq: 24 Jan 2023 18:03

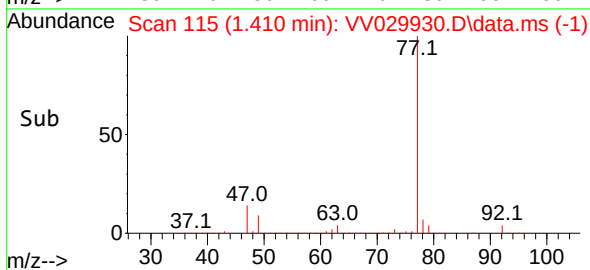
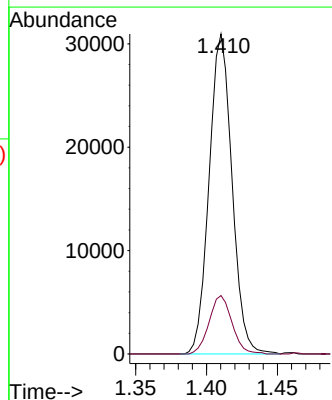
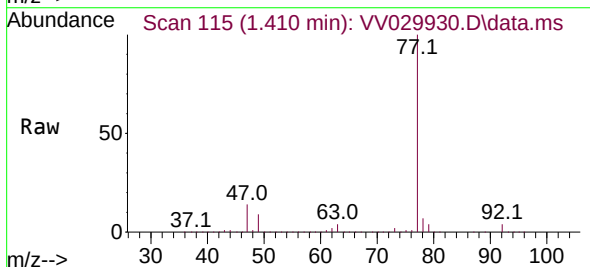
Instrument :
MSVOA_V
ClientSampleId :
EX9G4

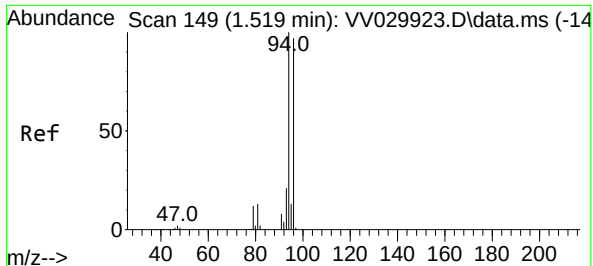
Tgt Ion: 50 Resp: 1805
Ion Ratio Lower Upper
50 100
52 38.8 23.1 42.9



#5
Vinyl chloride
Concen: 2.275 ug/L
RT: 1.410 min Scan# 115
Delta R.T. 0.103 min
Lab File: VV029930.D
Acq: 24 Jan 2023 18:03

Tgt Ion: 62 Resp: 34731
Ion Ratio Lower Upper
62 100
64 18.2 23.2 43.2#

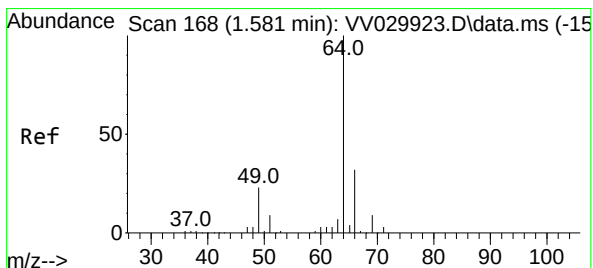
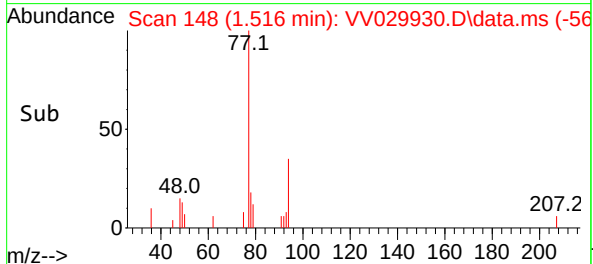
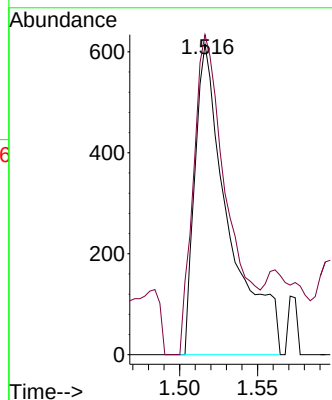
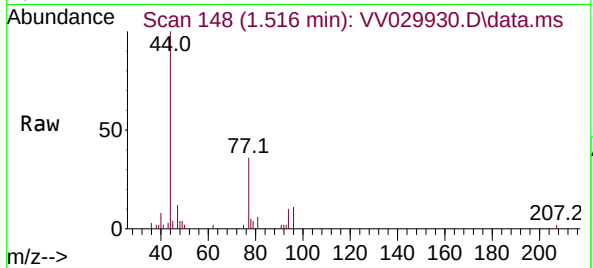




#6
Bromomethane
Concen: 0.124 ug/L
RT: 1.516 min Scan# 149
Delta R.T. -0.003 min
Lab File: VV029930.D
Acq: 24 Jan 2023 18:03

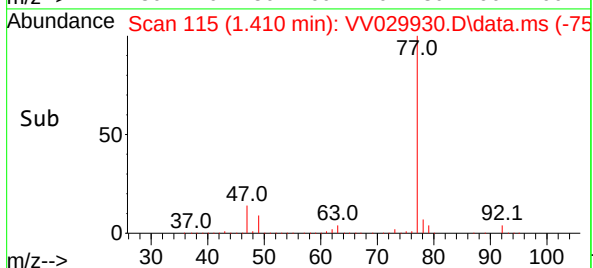
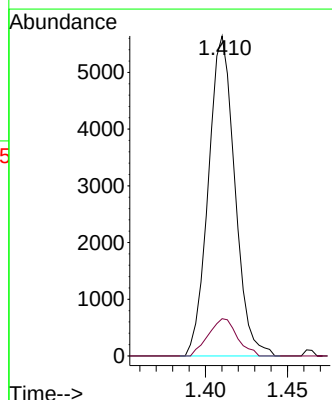
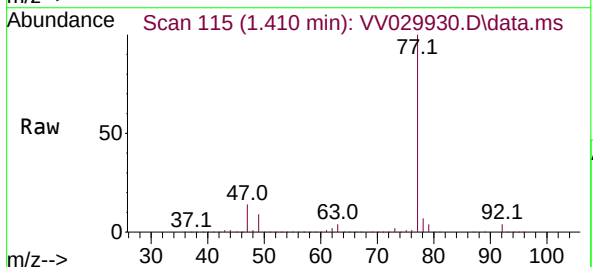
Instrument :
MSVOA_V
ClientSampleId :
EX9G4

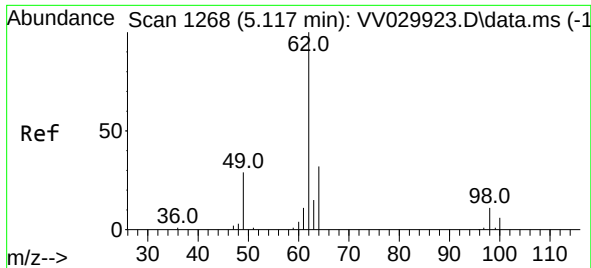
Tgt Ion: 94 Resp: 924
Ion Ratio Lower Upper
94 100
96 103.1 65.9 122.5



#8
Chloroethane
Concen: 0.683 ug/L
RT: 1.410 min Scan# 115
Delta R.T. -0.170 min
Lab File: VV029930.D
Acq: 24 Jan 2023 18:03

Tgt Ion: 64 Resp: 6323
Ion Ratio Lower Upper
64 100
66 11.7 22.9 42.5#

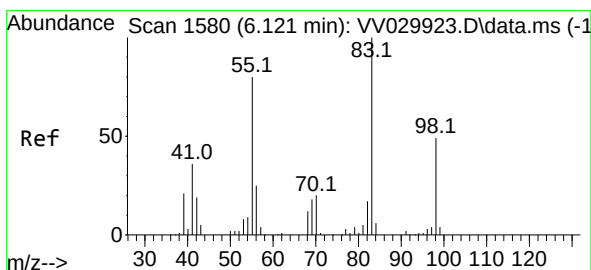
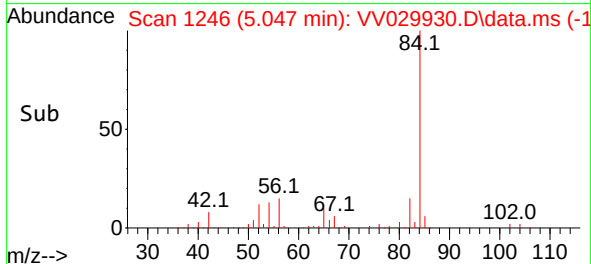
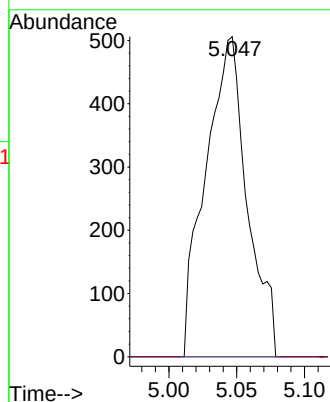
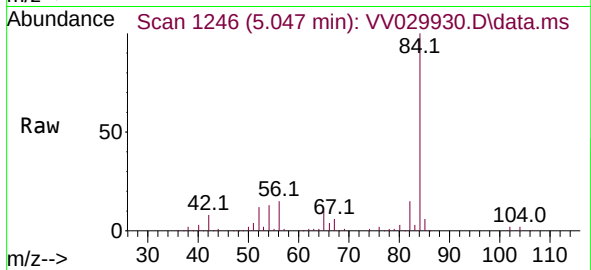




#27
1,2-Dichloroethane
Concen: 0.097 ug/L
RT: 5.047 min Scan# 11
Delta R.T. -0.071 min
Lab File: VV029930.D
Acq: 24 Jan 2023 18:03

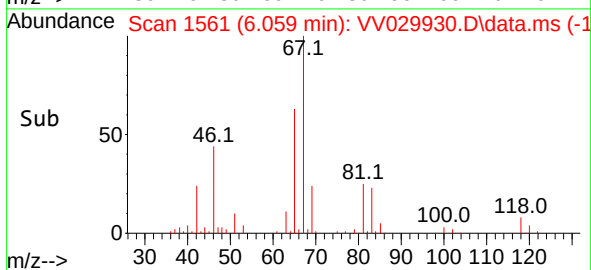
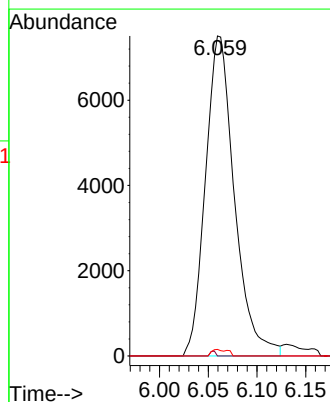
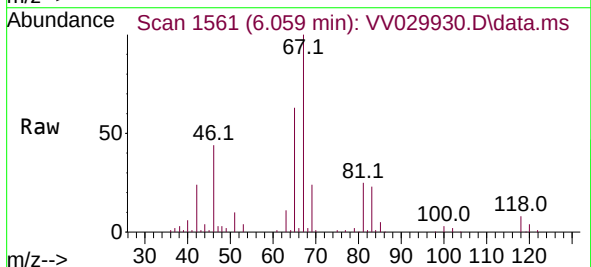
Instrument :
MSVOA_V
ClientSampleId :
EX9G4

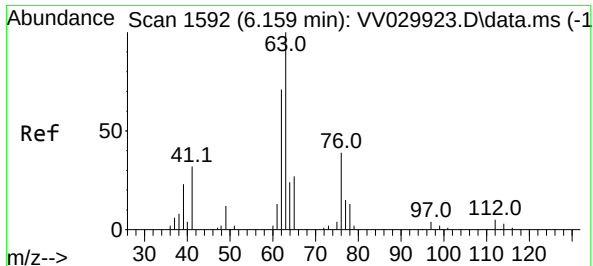
Tgt Ion: 62 Resp: 1081
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#



#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.061 min
Lab File: VV029930.D
Acq: 24 Jan 2023 18:03

Tgt Ion: 83 Resp: 15539
Ion Ratio Lower Upper
83 100
55 0.3 57.3 85.9#
98 1.1 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 6.059 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV029930.D

Acq: 24 Jan 2023 18:03

Instrument :

MSVOA_V

ClientSampleId :

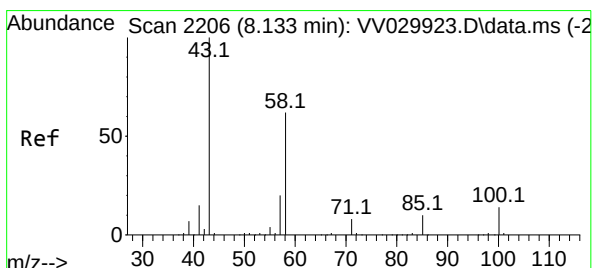
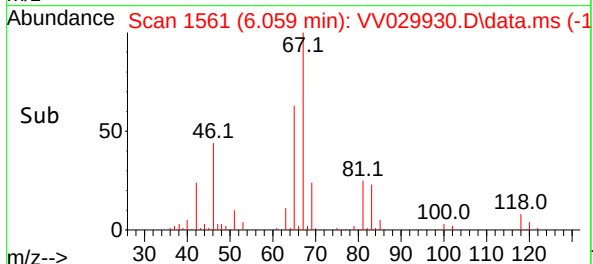
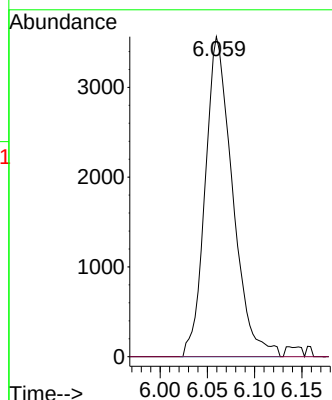
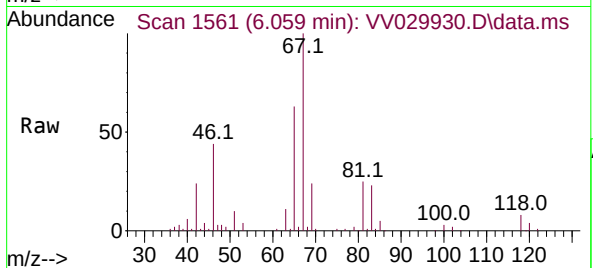
EX9G4

Tgt Ion: 63 Resp: 7179

Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#



#48

2-Hexanone

Concen: 2.635 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. -0.045 min

Lab File: VV029930.D

Acq: 24 Jan 2023 18:03

Tgt Ion: 43 Resp: 10181

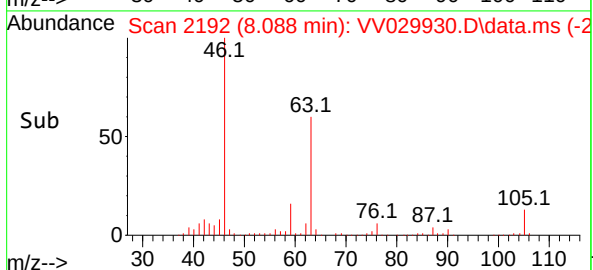
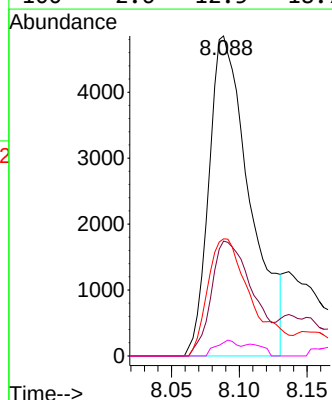
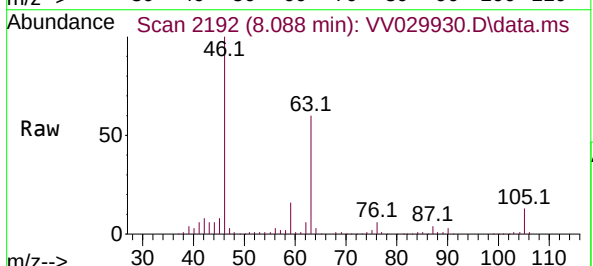
Ion Ratio Lower Upper

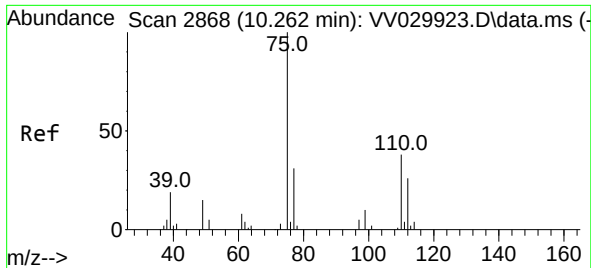
43 100

58 36.0 51.4 77.2#

57 40.1 17.0 25.6#

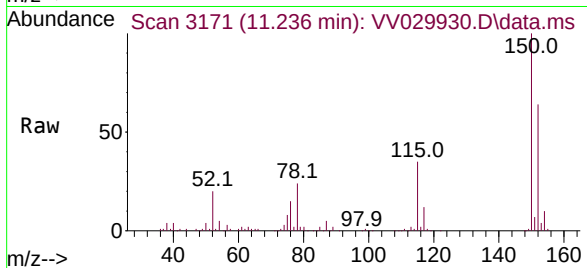
100 2.6 12.5 18.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.643 ug/L
 RT: 11.236 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029930.D
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Tgt Ion: 75 Resp: 10430
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.5 39.7
 110 2.4 31.8 47.8#

