

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033988.D
 Acq On : 05 Feb 2024 15:14
 Operator : SY/MD
 Sample : P1289-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 06 05:14:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 06 05:11:25 2024
 Response via : Initial Calibration

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

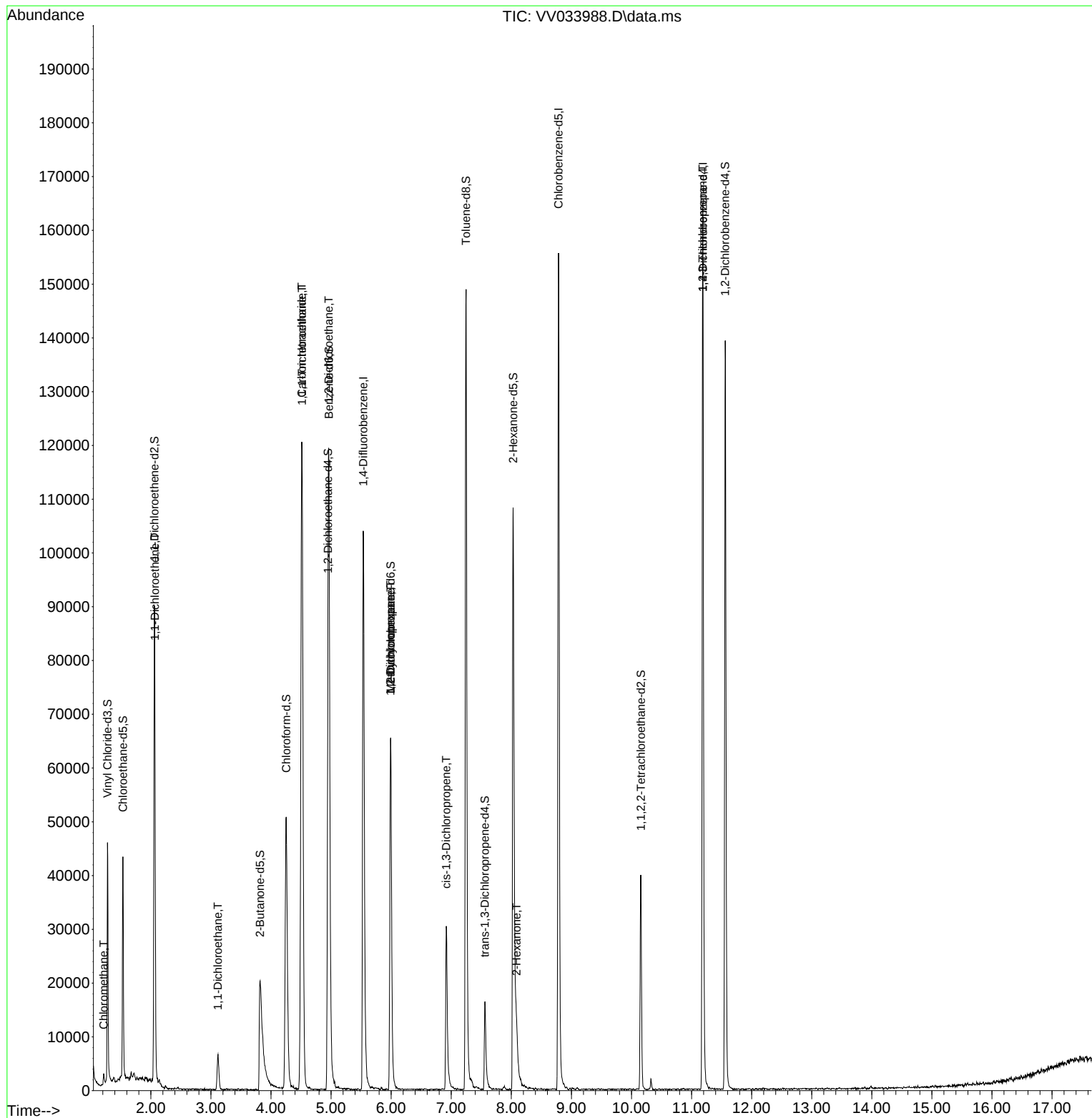
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	90008	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	84196	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	43556	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	28398	4.074	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.536	69	25942	4.249	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.060	65	14358	4.271	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	3.815	46	48581	41.496	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.000%
24) Chloroform-d	4.253	84	54584	4.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	4.947	65	27571	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	4.963	84	108495	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	5.992	67	30982	4.388	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.246	98	100532	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.561	79	10950	4.107	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.031	63	39830	41.846	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.700%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19419	4.536	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	35717	4.509	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	1382	0.154	ug/L	93
12) 1,1-Dichloroethene	2.066	96	2210	0.351	ug/L #	1
19) 1,1-Dichloroethane	3.118	63	7272	0.618	ug/L #	83
27) 1,2-Dichloroethane	4.960	62	693	0.102	ug/L #	76
29) 1,1,1-Trichloroethane	4.516	97	100567	8.897	ug/L	99
31) Carbon tetrachloride	4.513	117	12348	1.248	ug/L	99
35) Methylcyclohexane	5.992	83	7773	0.678	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3856	0.630	ug/L #	87
39) cis-1,3-Dichloropropene	6.915	75	949	0.102	ug/L #	37
48) 2-Hexanone	8.088	43	6553	3.174	ug/L #	93
61) 1,2,3-Trichloropropane	11.185	75	5473	1.828	ug/L #	63

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

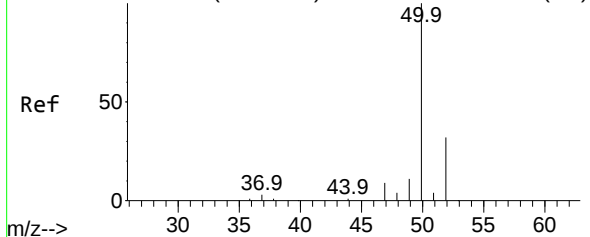
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020524\
Data File : VV033988.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 06 05:11:25 2024
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Abundance Scan 54 (1.214 min): VV033977.D\data.ms (-46)



#3

Chloromethane

Concen: 0.154 ug/L

RT: 1.214 min Scan# 54

Delta R.T. 0.000 min

Lab File: VV033988.D

Acq: 05 Feb 2024 15:14

Instrument :

MSVOA_V

ClientSampleId :

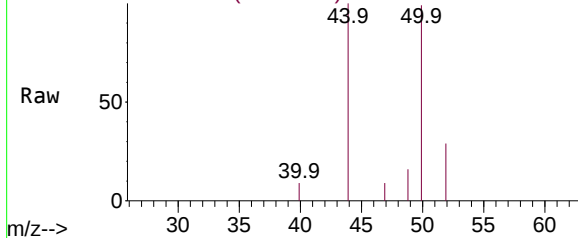
Tgt Ion: 50 Resp: 1382

Ion Ratio Lower Upper

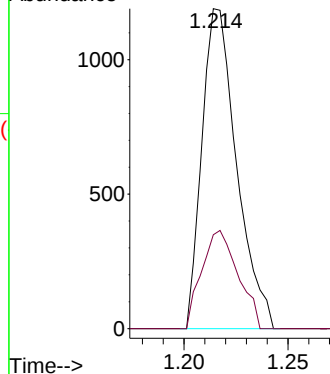
50 100

52 29.3 23.4 43.4

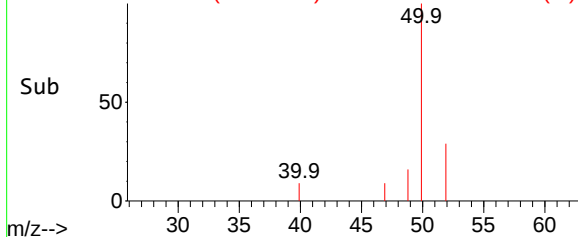
Abundance Scan 54 (1.214 min): VV033988.D\data.ms



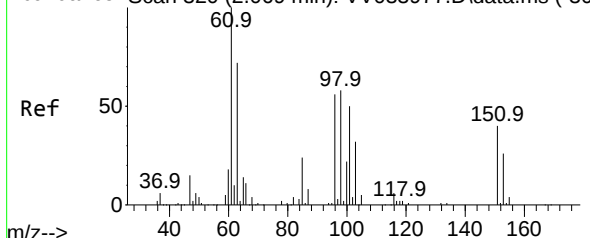
Abundance



Abundance Scan 54 (1.214 min): VV033988.D\data.ms (-1)



Abundance Scan 320 (2.069 min): VV033977.D\data.ms (-30)



#12

1,1-Dichloroethene

Concen: 0.351 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV033988.D

Acq: 05 Feb 2024 15:14

Tgt Ion: 96 Resp: 2210

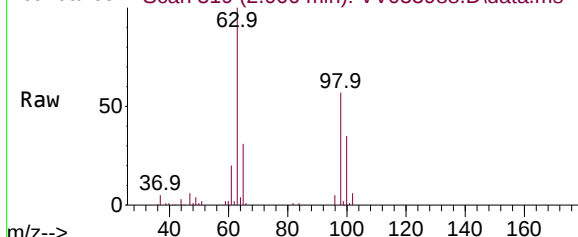
Ion Ratio Lower Upper

96 100

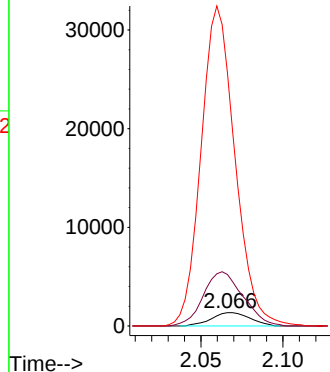
61 387.0 128.8 239.2#

63 1904.6 97.9 181.9#

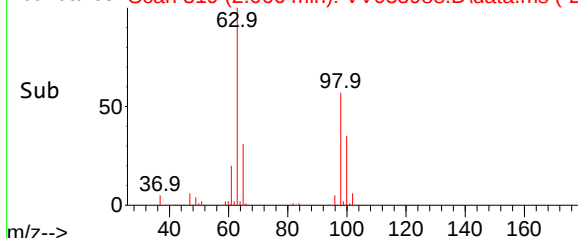
Abundance Scan 319 (2.066 min): VV033988.D\data.ms

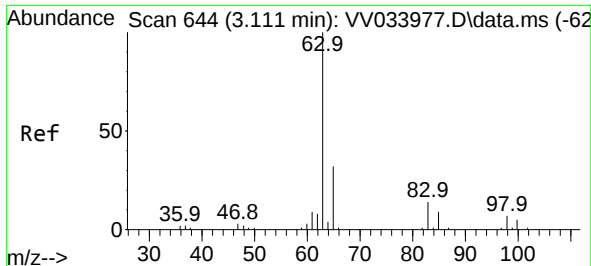


Abundance



Abundance Scan 319 (2.066 min): VV033988.D\data.ms (-22)





#19

1,1-Dichloroethane

Concen: 0.618 ug/L

RT: 3.118 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV033988.D

Acq: 05 Feb 2024 15:14

Instrument :

MSVOA_V

ClientSampleId :

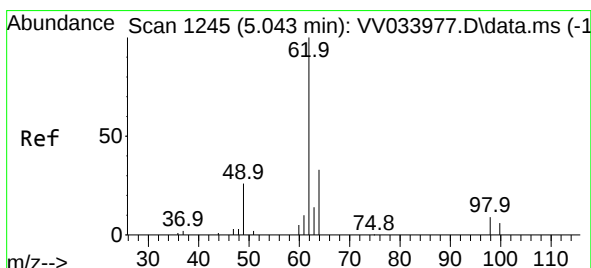
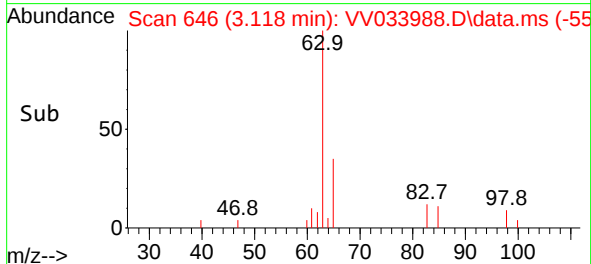
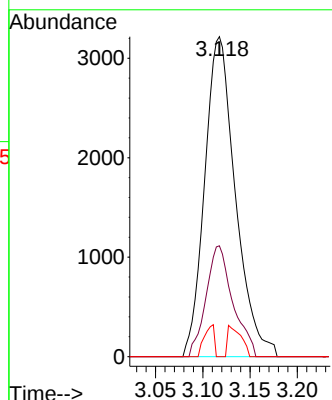
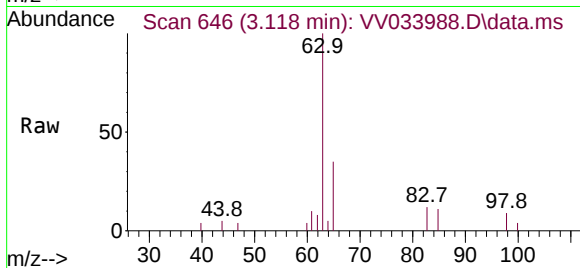
Tgt Ion: 63 Resp: 7272

Ion Ratio Lower Upper

63 100

65 34.6 20.8 38.6

83 0.0 9.4 17.4#



#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 4.960 min Scan# 1219

Delta R.T. -0.084 min

Lab File: VV033988.D

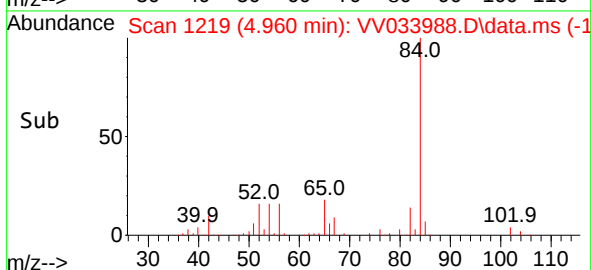
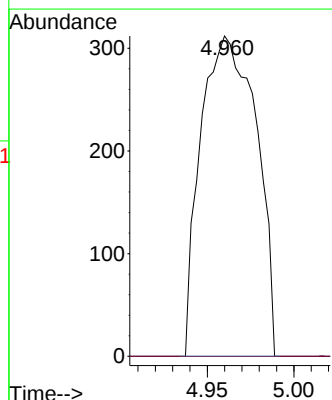
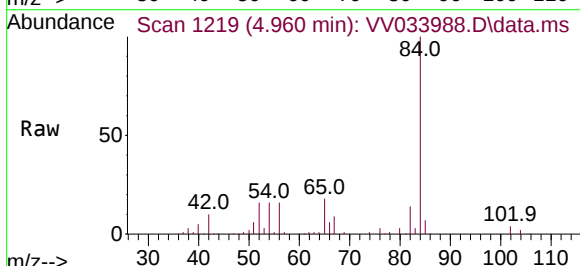
Acq: 05 Feb 2024 15:14

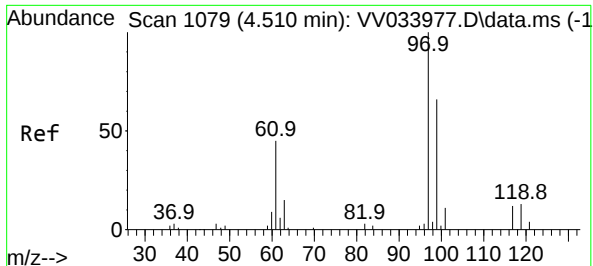
Tgt Ion: 62 Resp: 693

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#





#29

1,1,1-Trichloroethane

Concen: 8.897 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VV033988.D

Acq: 05 Feb 2024 15:14

Instrument :

MSVOA_V

ClientSampleId :

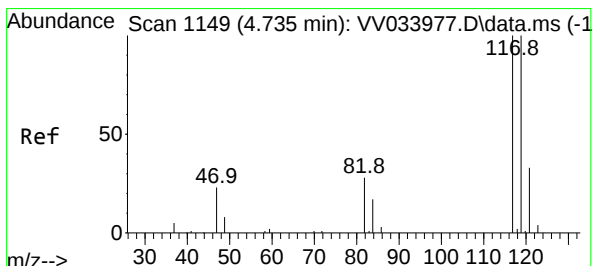
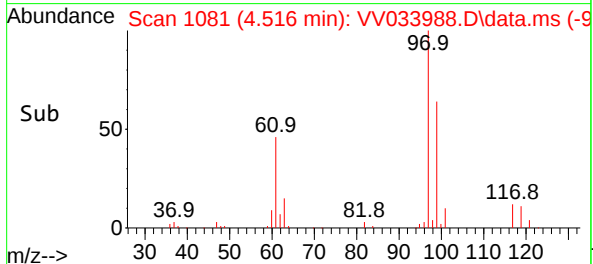
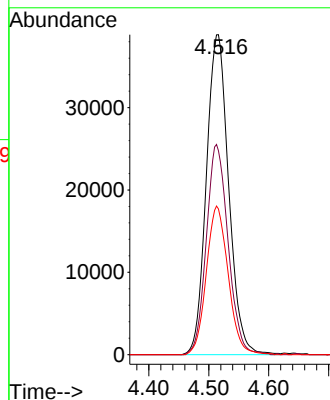
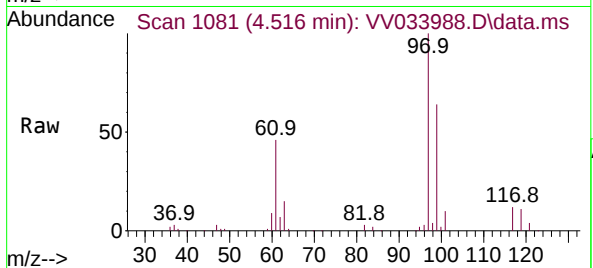
Tgt Ion: 97 Resp: 100567

Ion Ratio Lower Upper

97 100

99 64.2 50.6 75.8

61 45.6 36.8 55.2



#31

Carbon tetrachloride

Concen: 1.248 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.222 min

Lab File: VV033988.D

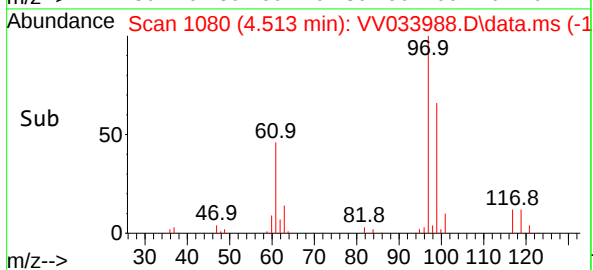
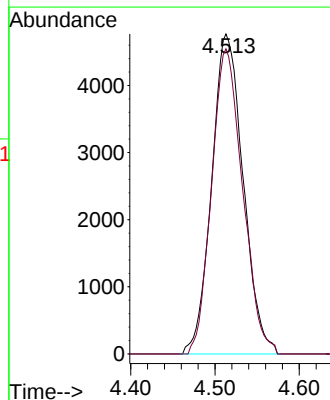
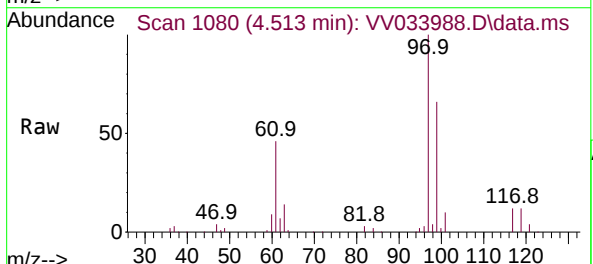
Acq: 05 Feb 2024 15:14

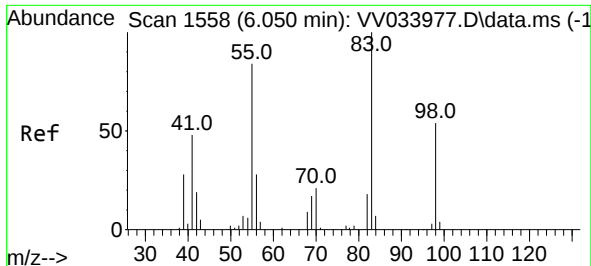
Tgt Ion: 117 Resp: 12348

Ion Ratio Lower Upper

117 100

119 94.0 76.1 114.1

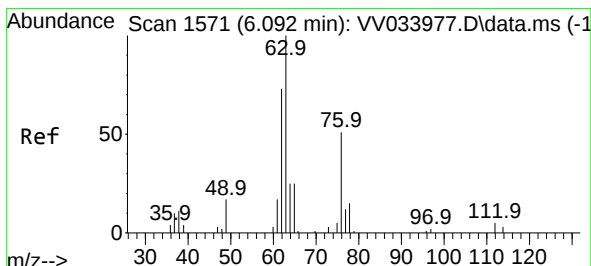
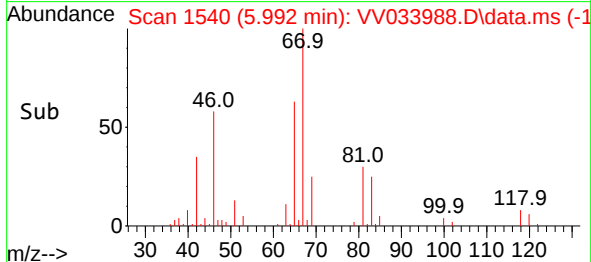
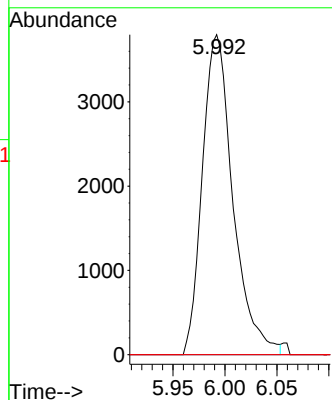
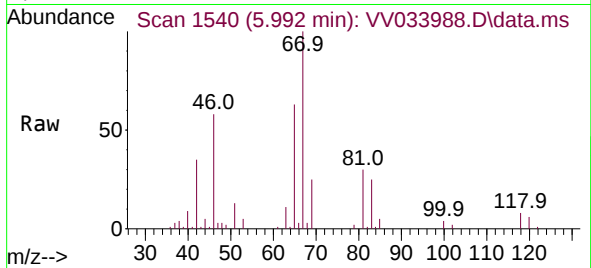




#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV033988.D
Acq: 05 Feb 2024 15:14

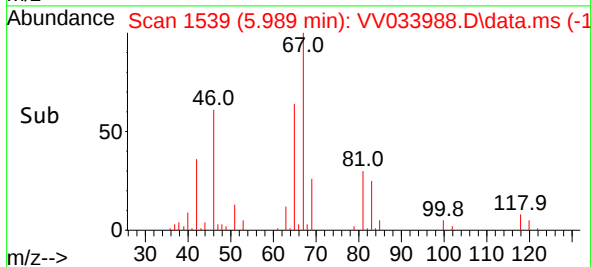
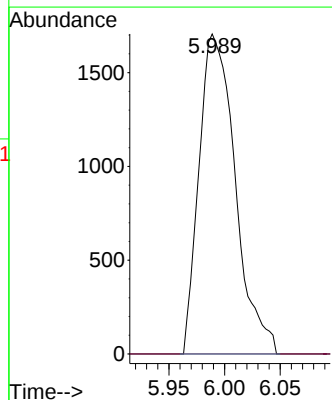
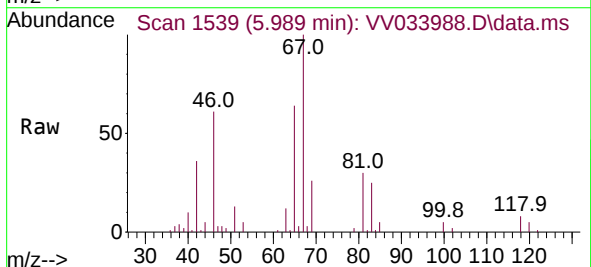
Instrument :
MSVOA_V
ClientSampleId :

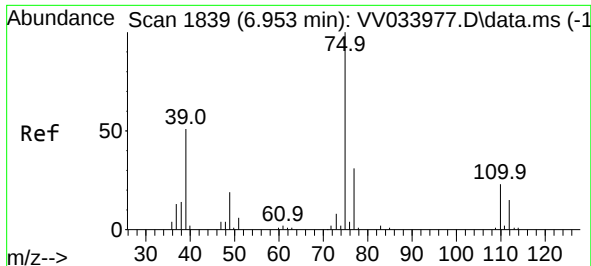
Tgt Ion: 83 Resp: 7773
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.630 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV033988.D
Acq: 05 Feb 2024 15:14

Tgt Ion: 63 Resp: 3856
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033988.D

Acq: 05 Feb 2024 15:14

Instrument :

MSVOA_V

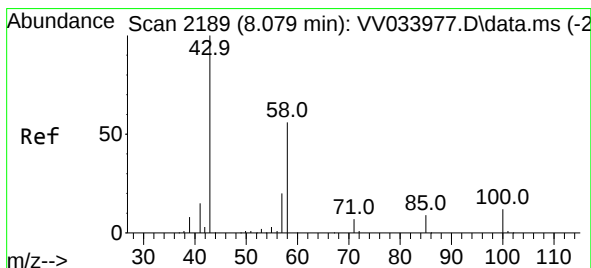
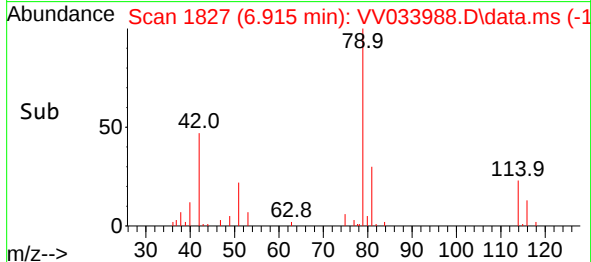
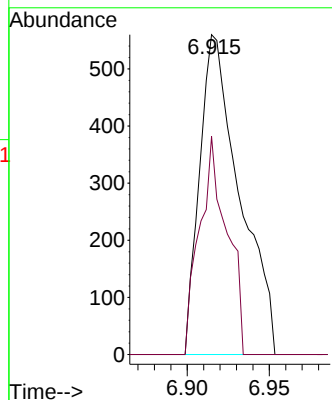
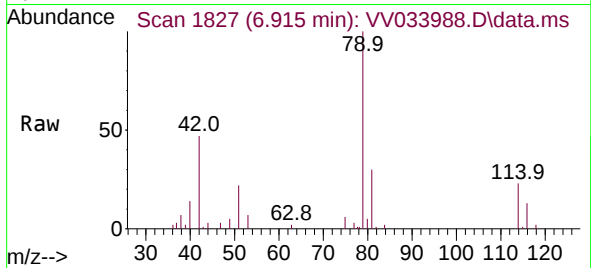
ClientSampleId :

Tgt Ion: 75 Resp: 949

Ion Ratio Lower Upper

75 100

77 68.2 22.9 42.5#



#48

2-Hexanone

Concen: 3.174 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.010 min

Lab File: VV033988.D

Acq: 05 Feb 2024 15:14

Tgt Ion: 43 Resp: 6553

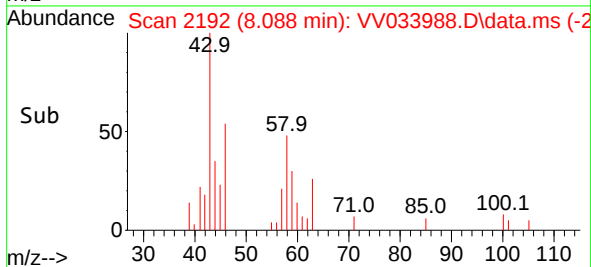
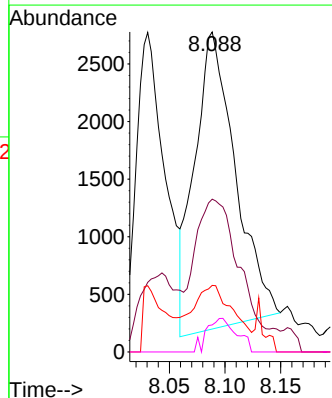
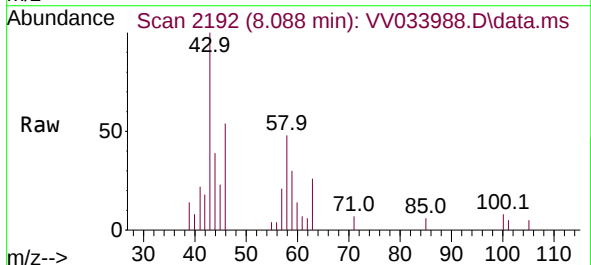
Ion Ratio Lower Upper

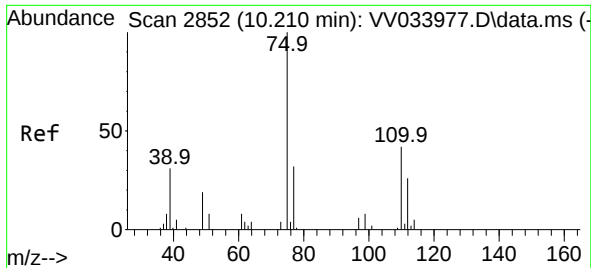
43 100

58 48.9 42.6 64.0

57 22.3 15.5 23.3

100 8.2 10.1 15.1#





#61

1,2,3-Trichloropropane

Concen: 1.828 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.974 min

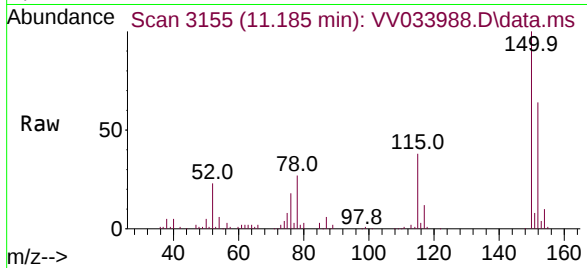
Lab File: VV033988.D

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MSVOA_V

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Tgt Ion: 75 Resp: 5473

Ion Ratio Lower Upper

75 100

77 35.5 26.9 40.3

110 1.3 33.3 49.9#

