

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037387.D
 Acq On : 19 Sep 2024 17:02
 Operator : SY/MD
 Sample : P3986-19 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 01:59:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:54:17 2024
 Response via : Initial Calibration

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

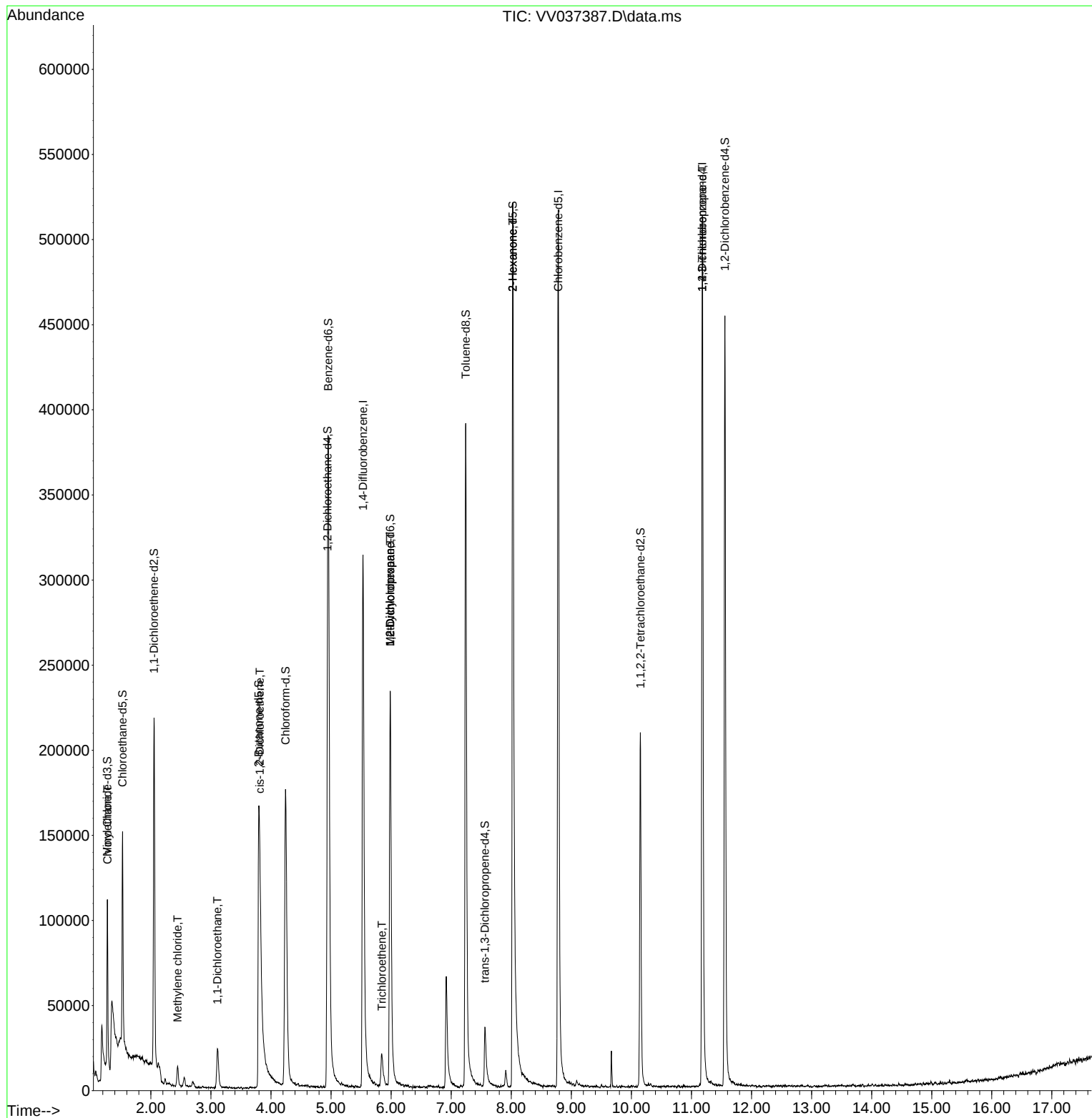
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	302826	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	306008	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	140823	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	60810	3.423	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.529	69	78779	4.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.053	65	34318	3.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.796	46	256350	48.282	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.560%
24) Chloroform-d	4.243	84	194867	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	4.941	65	97188	4.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	4.953	84	359223	4.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.986	67	123957	4.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.243	98	288508	3.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	7.561	79	27684	3.298	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.024	63	203271	49.572	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.140%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	105955	5.095	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	122496	4.893	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
8) Chloroethane	1.278	64	3429	0.193	ug/L	97
16) Methylene chloride	2.446	84	4819	0.198	ug/L	88
19) 1,1-Dichloroethane	3.108	63	25576	0.600	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	7567	0.313	ug/L	81
34) Trichloroethene	5.847	95	6714	0.270	ug/L	89
35) Methylcyclohexane	5.986	83	29003	0.768	ug/L #	20
37) 1,2-Dichloropropane	5.986	63	13028	0.555	ug/L #	89
48) 2-Hexanone	8.024	43	26196	2.669	ug/L #	72
61) 1,2,3-Trichloropropane	11.182	75	18148	1.416	ug/L #	67

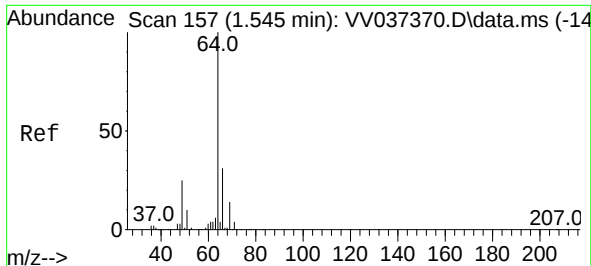
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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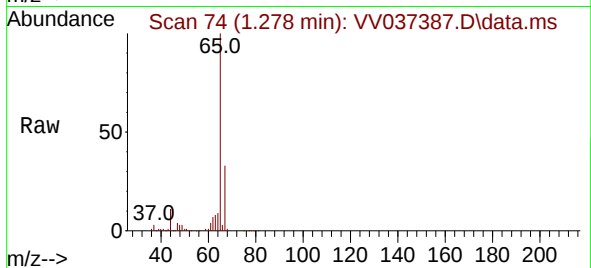
Quant Time: Sep 20 01:59:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
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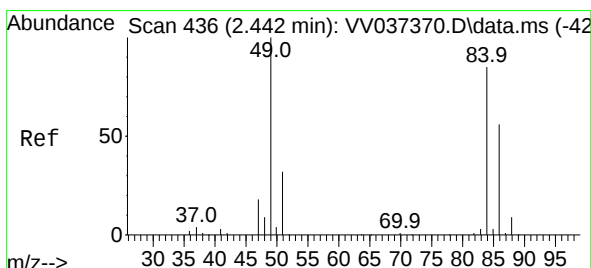
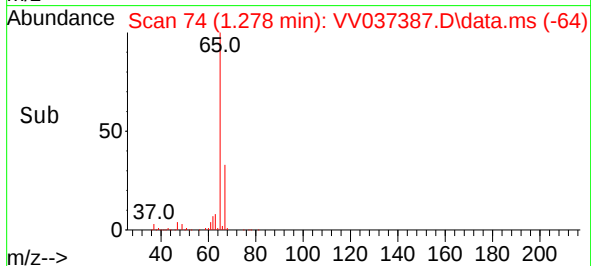
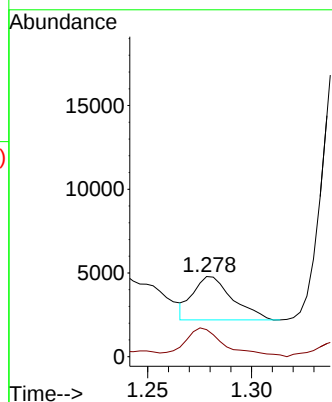


#8
Chloroethane
Concen: 0.193 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.267 min
Lab File: VV037387.D
Acq: 19 Sep 2024 17:02

Instrument :
MSVOA_V
ClientSampleId :

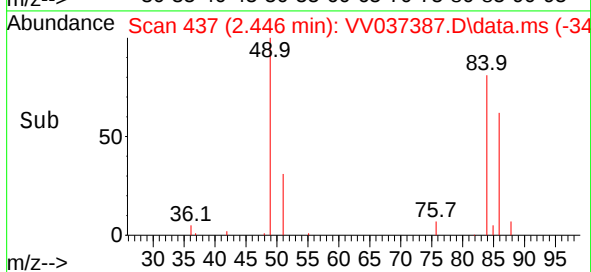
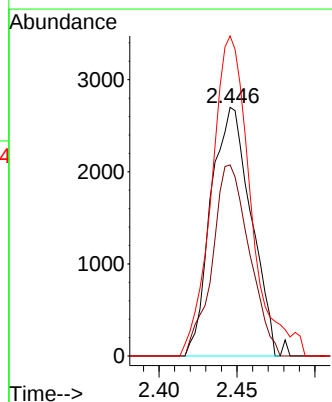
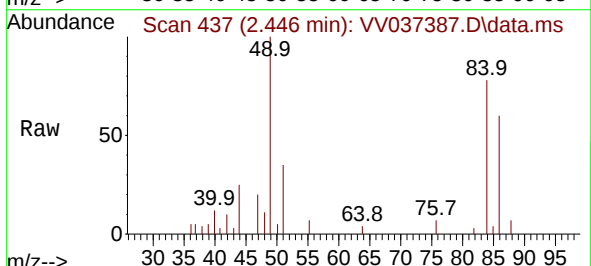


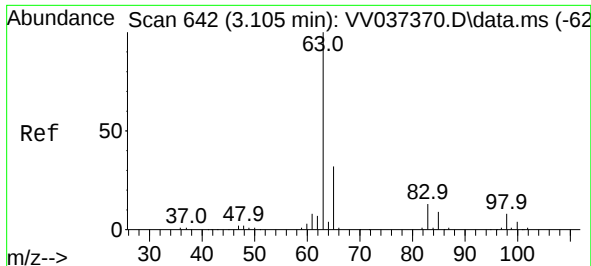
Tgt Ion: 64 Resp: 3429
Ion Ratio Lower Upper
64 100
66 33.8 22.7 42.1



#16
Methylene chloride
Concen: 0.198 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV037387.D
Acq: 19 Sep 2024 17:02

Tgt Ion: 84 Resp: 4819
Ion Ratio Lower Upper
84 100
86 76.8 44.0 81.8
49 128.7 83.0 154.1





#19

1,1-Dichloroethane

Concen: 0.600 ug/L

RT: 3.108 min Scan# 642

Delta R.T. 0.003 min

Lab File: VV037387.D

Acq: 19 Sep 2024 17:02

Instrument :

MSVOA_V

ClientSampleId :

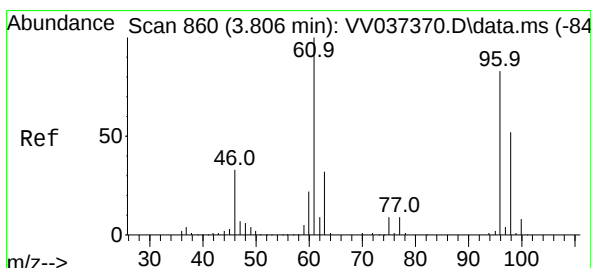
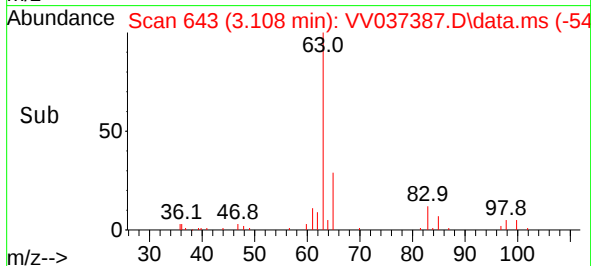
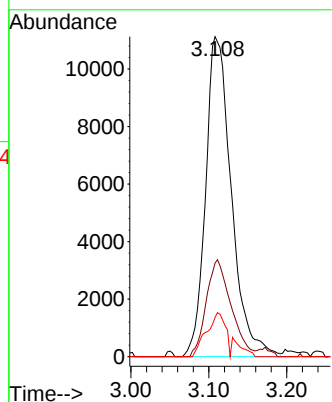
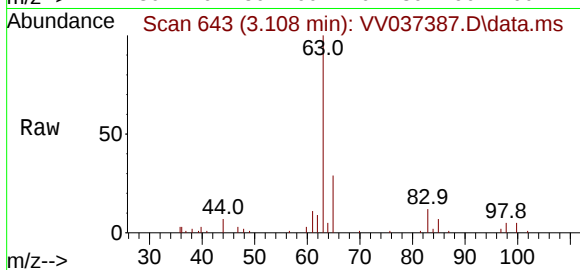
Tgt Ion: 63 Resp: 25576

Ion Ratio Lower Upper

63 100

65 29.3 22.5 41.7

83 12.3 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 0.313 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.006 min

Lab File: VV037387.D

Acq: 19 Sep 2024 17:02

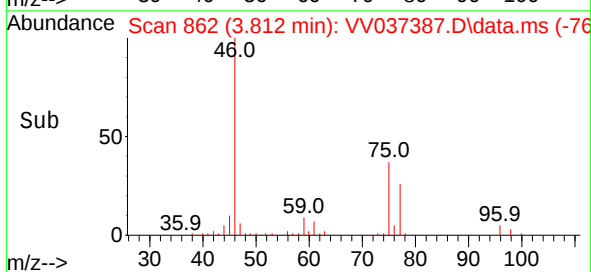
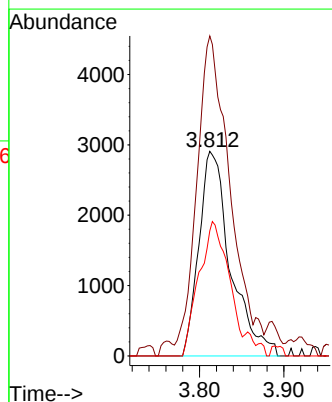
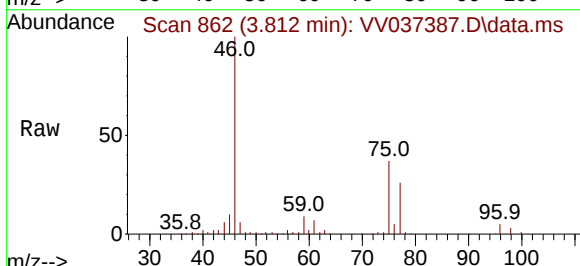
Tgt Ion: 96 Resp: 7567

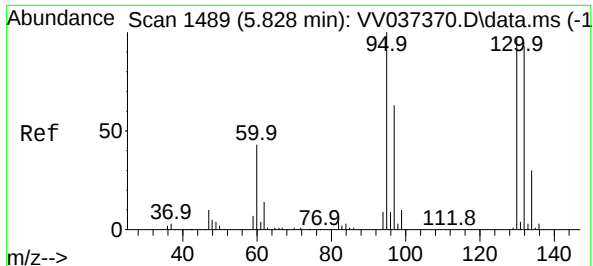
Ion Ratio Lower Upper

96 100

61 156.4 87.6 162.6

98 61.2 44.9 83.5





#34

Trichloroethene

Concen: 0.270 ug/L

RT: 5.847 min Scan# 1489

Delta R.T. 0.019 min

Lab File: VV037387.D

Acq: 19 Sep 2024 17:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 6714

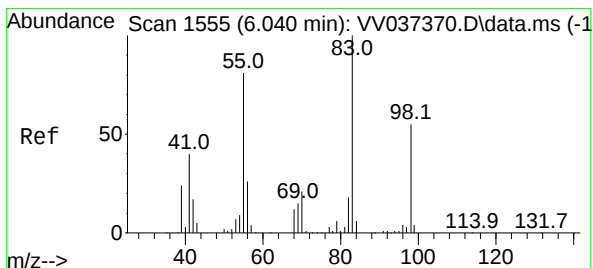
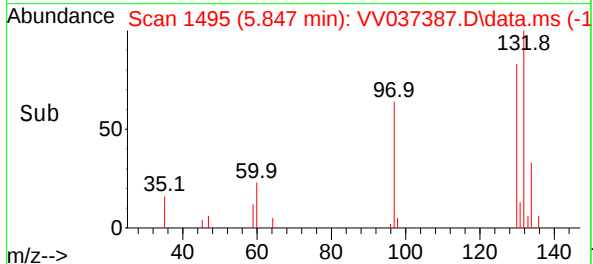
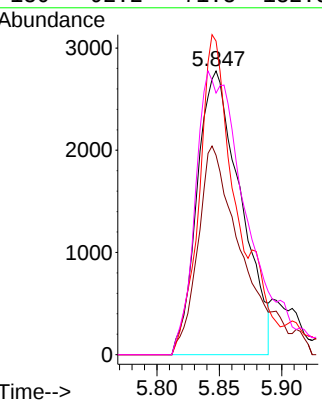
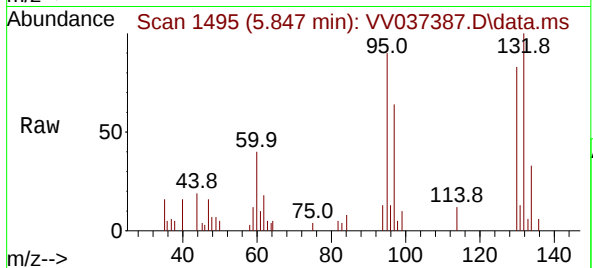
Ion Ratio Lower Upper

95 100

97 70.3 46.5 86.5

132 110.6 65.5 121.7

130 92.2 71.3 132.3



#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.055 min

Lab File: VV037387.D

Acq: 19 Sep 2024 17:02

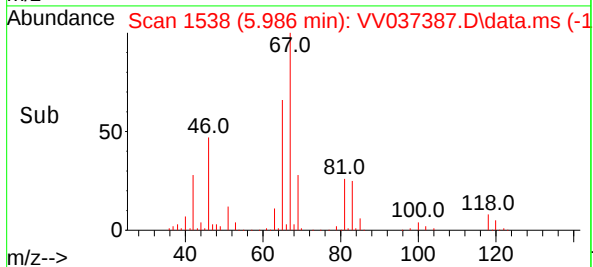
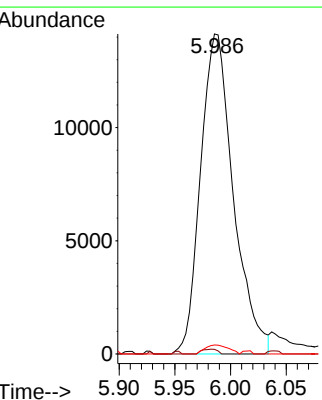
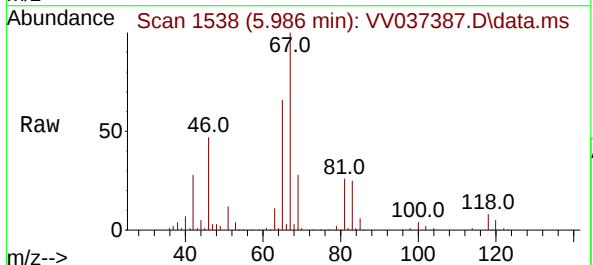
Tgt Ion: 83 Resp: 29003

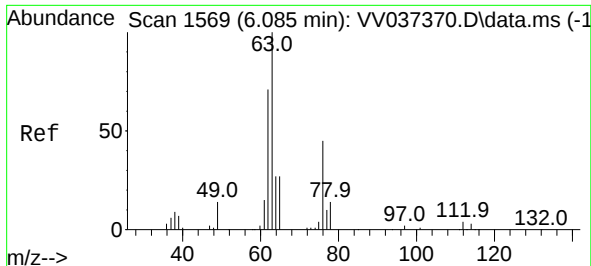
Ion Ratio Lower Upper

83 100

55 0.7 60.3 90.5#

98 2.0 38.2 57.4#

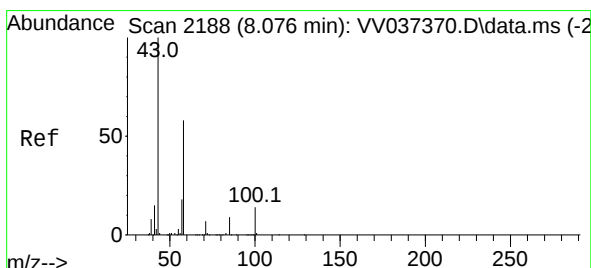
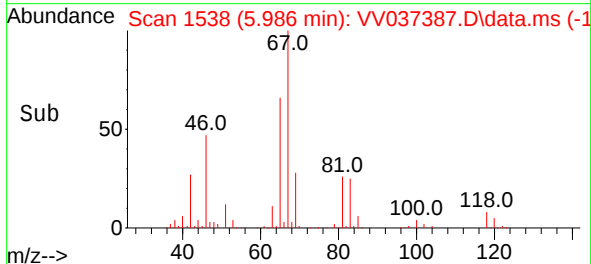
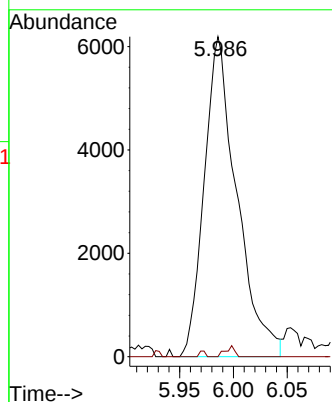
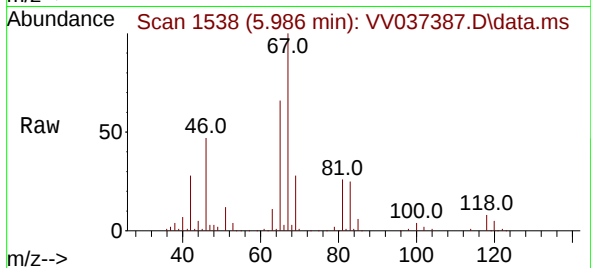




#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 5.986 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV037387.D
Acq: 19 Sep 2024 17:02

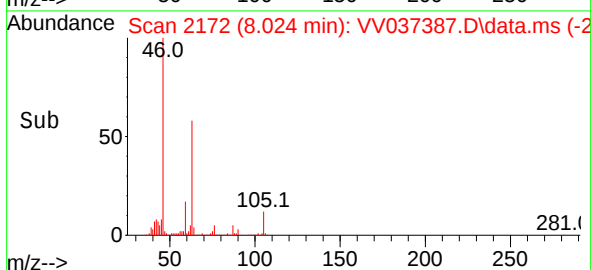
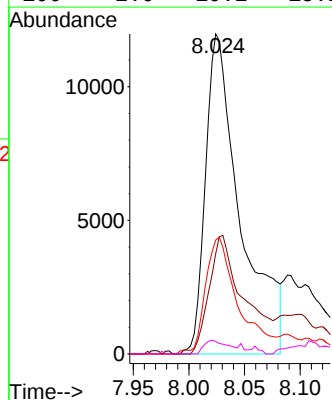
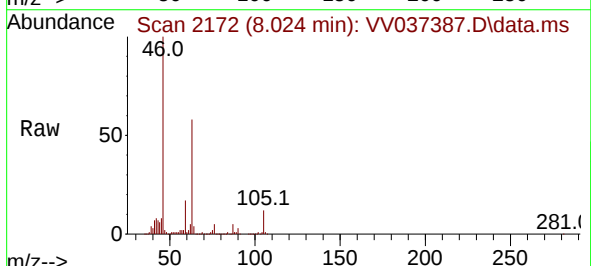
Instrument :
MSVOA_V
ClientSampleId :

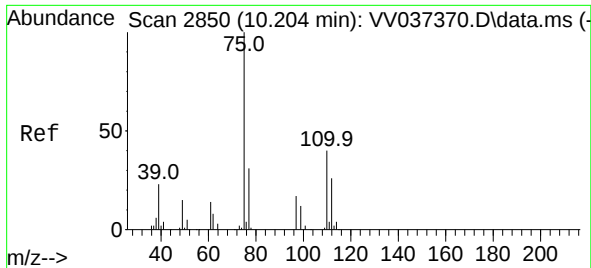
Tgt Ion: 63 Resp: 13028
Ion Ratio Lower Upper
63 100
112 0.9 3.7 5.5#



#48
2-Hexanone
Concen: 2.669 ug/L
RT: 8.024 min Scan# 2172
Delta R.T. -0.051 min
Lab File: VV037387.D
Acq: 19 Sep 2024 17:02

Tgt Ion: 43 Resp: 26196
Ion Ratio Lower Upper
43 100
58 36.9 45.5 68.3#
57 34.2 15.3 22.9#
100 2.9 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.416 ug/L

RT: 11.182 min Scan# 31

Delta R.T. 0.977 min

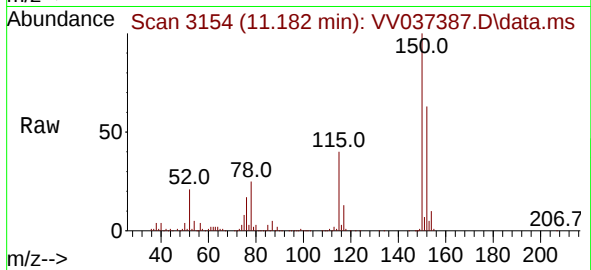
Lab File: VV037387.D

Acq: 19 Sep 2024 17:02

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 18148

Ion Ratio Lower Upper

75 100

77 33.8 25.6 38.4

110 3.2 31.0 46.4#

