

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020624\
 Data File : VW034015.D
 Acq On : 06 Feb 2024 17:05
 Operator : SY/MD
 Sample : P1289-15 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 07 04:42:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 07 00:49:42 2024
 Response via : Initial Calibration

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

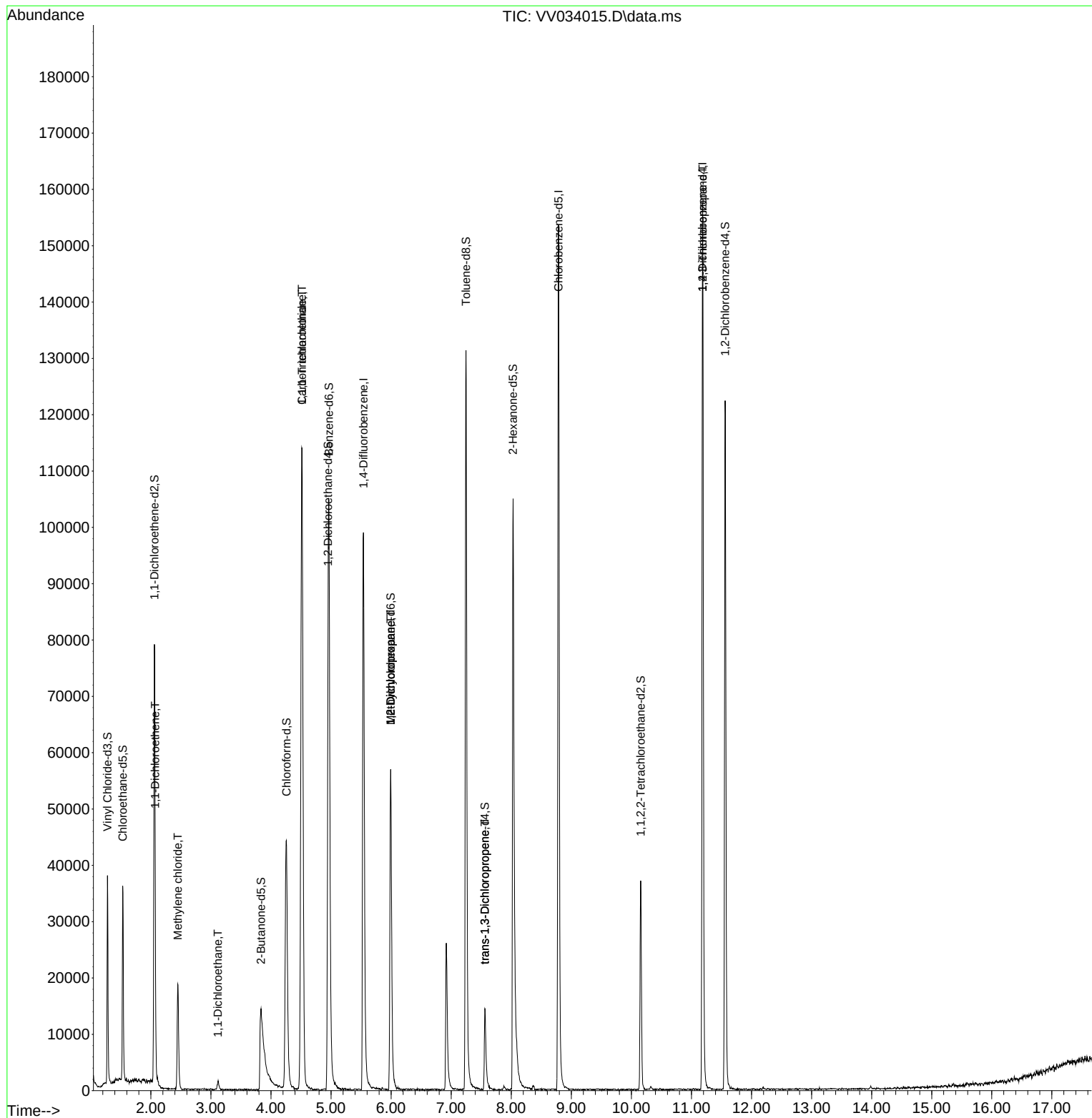
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	88396	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	83815	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	41237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23418	3.421	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.400%
7) Chloroethane-d5	1.532	69	21696	3.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.060	65	12233	3.705	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	3.834	46	42142	36.652	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.300%
24) Chloroform-d	4.256	84	48610	3.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
26) 1,2-Dichloroethane-d4	4.950	65	24960	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	4.963	84	94301	3.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
36) 1,2-Dichloropropane-d6	5.992	67	27973	3.979	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.246	98	87851	3.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	7.561	79	9616	3.623	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.030	63	41502	43.801	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.600%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17870	4.193	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	30898	4.120	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.072	96	3578	0.579	ug/L #	1
16) Methylene chloride	2.449	84	7852	1.325	ug/L	94
19) 1,1-Dichloroethane	3.117	63	2072	0.179	ug/L #	82
29) 1,1,1-Trichloroethane	4.516	97	94714	8.417	ug/L	98
31) Carbon tetrachloride	4.516	117	11585	1.177	ug/L	97
35) Methylcyclohexane	5.992	83	6563	0.575	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3469	0.570	ug/L #	87
44) trans-1,3-Dichloropropene	7.561	75	563	0.079	ug/L	97
61) 1,2,3-Trichloropropane	11.188	75	4778	1.685	ug/L #	60

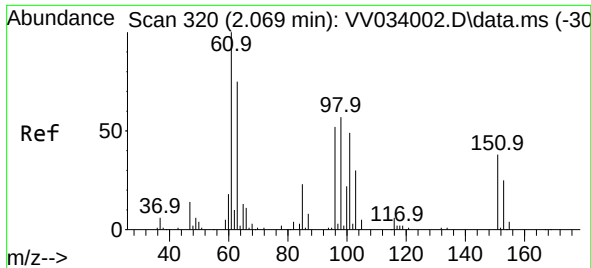
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 07 00:49:42 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.579 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034015.D

Acq: 06 Feb 2024 17:05

Instrument :

MSVOA_V

ClientSampleId :

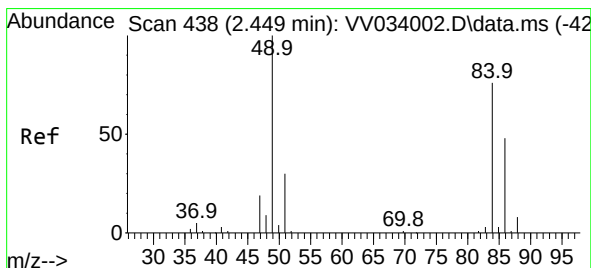
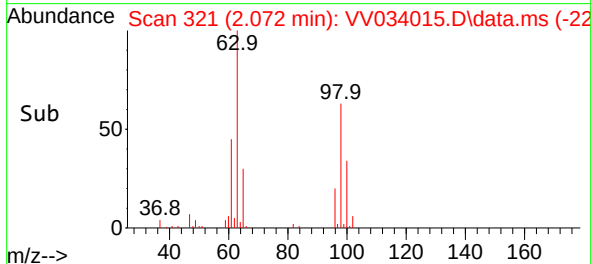
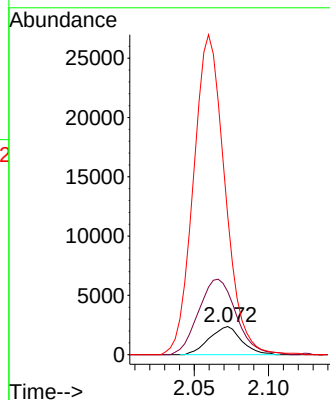
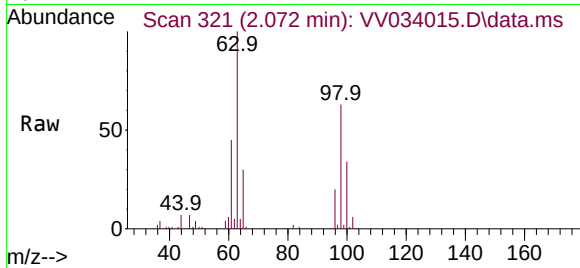
Tgt Ion: 96 Resp: 3578

Ion Ratio Lower Upper

96 100

61 224.2 128.8 239.2

63 493.6 97.9 181.9#



#16

Methylene chloride

Concen: 1.325 ug/L

RT: 2.449 min Scan# 438

Delta R.T. -0.000 min

Lab File: VV034015.D

Acq: 06 Feb 2024 17:05

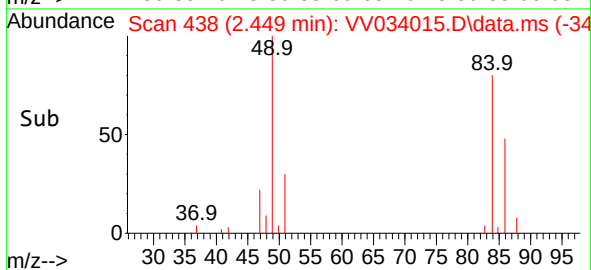
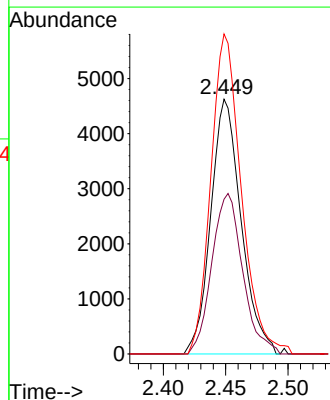
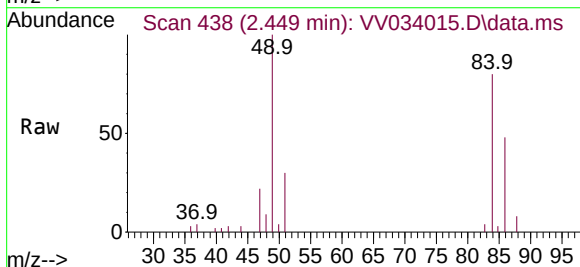
Tgt Ion: 84 Resp: 7852

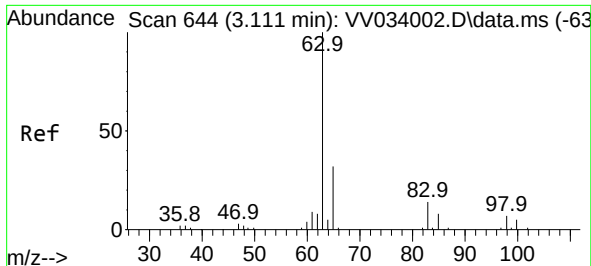
Ion Ratio Lower Upper

84 100

86 60.7 44.7 83.1

49 125.6 93.7 173.9





#19

1,1-Dichloroethane

Concen: 0.179 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV034015.D

Acq: 06 Feb 2024 17:05

Instrument :

MSVOA_V

ClientSampleId :

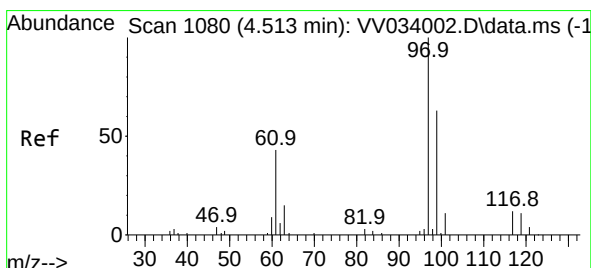
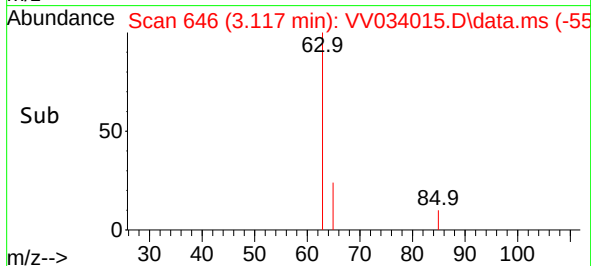
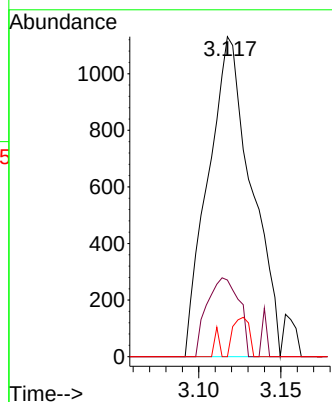
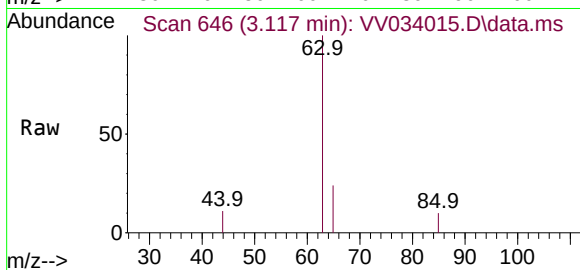
Tgt Ion: 63 Resp: 2072

Ion Ratio Lower Upper

63 100

65 24.0 20.8 38.6

83 0.0 9.4 17.4#



#29

1,1,1-Trichloroethane

Concen: 8.417 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV034015.D

Acq: 06 Feb 2024 17:05

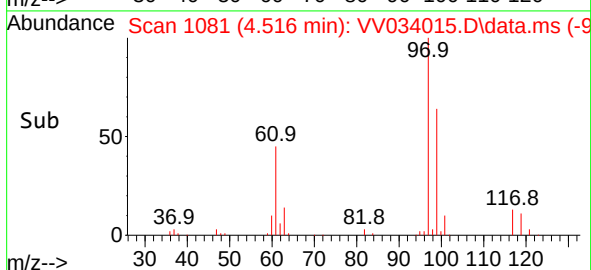
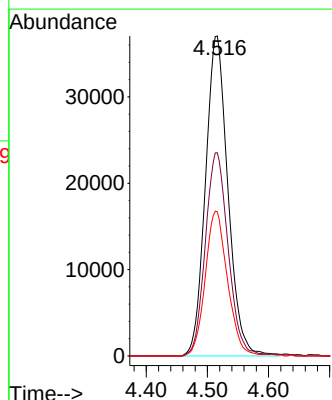
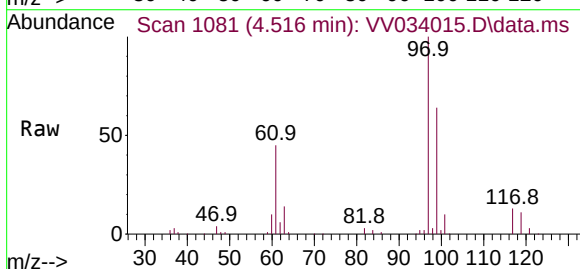
Tgt Ion: 97 Resp: 94714

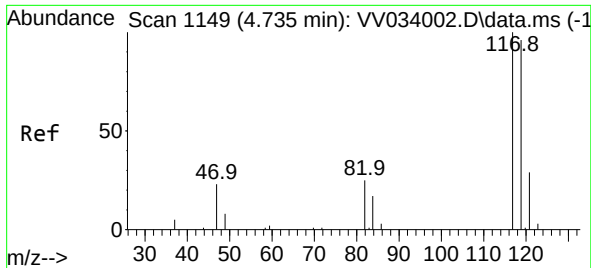
Ion Ratio Lower Upper

97 100

99 64.8 50.6 75.8

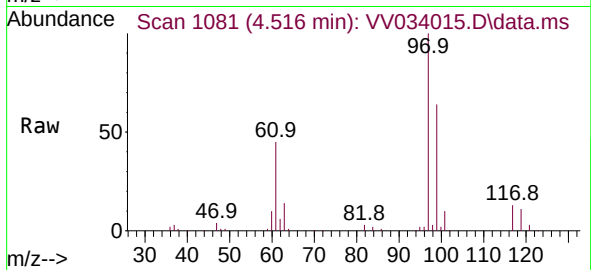
61 44.8 36.8 55.2



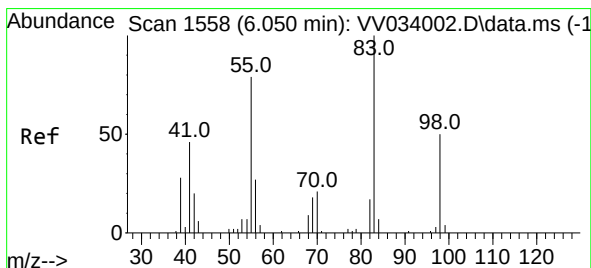
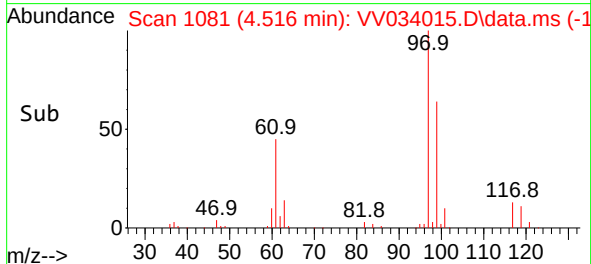
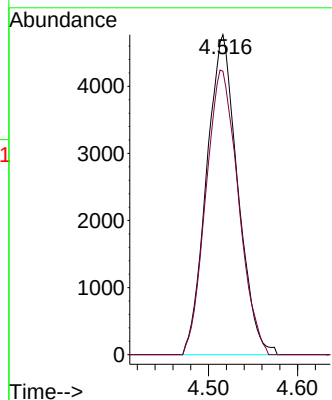


#31
Carbon tetrachloride
Concen: 1.177 ug/L
RT: 4.516 min Scan# 1149
Delta R.T. -0.219 min
Lab File: VV034015.D
Acq: 06 Feb 2024 17:05

Instrument :
MSVOA_V
ClientSampleId :

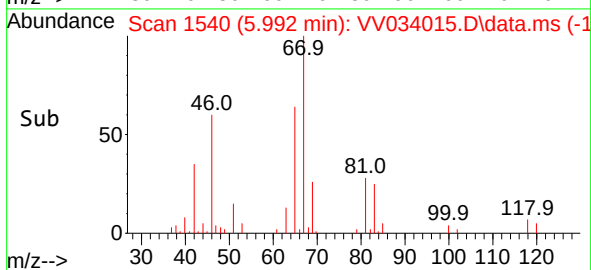
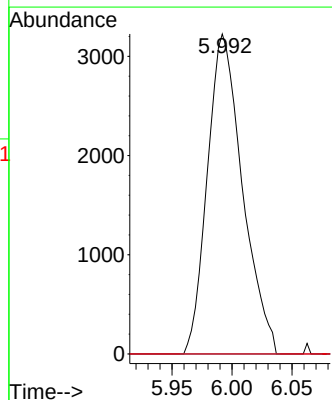
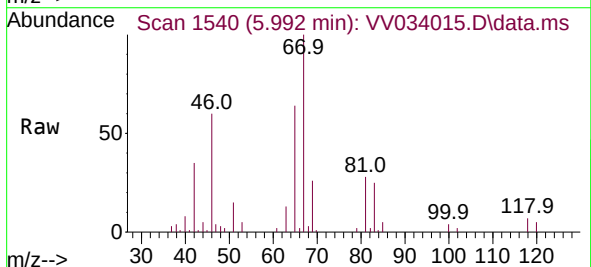


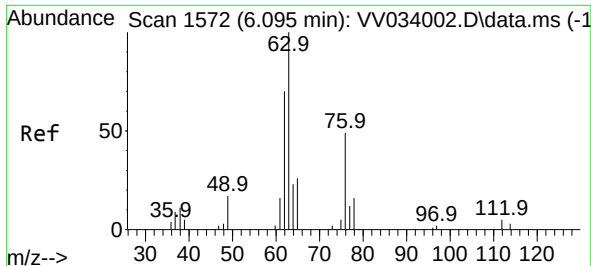
Tgt Ion:117 Resp: 11585
Ion Ratio Lower Upper
117 100
119 92.6 76.1 114.1



#35
Methylcyclohexane
Concen: 0.575 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV034015.D
Acq: 06 Feb 2024 17:05

Tgt Ion: 83 Resp: 6563
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: 0.570 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV034015.D

Acq: 06 Feb 2024 17:05

Instrument :

MSVOA_V

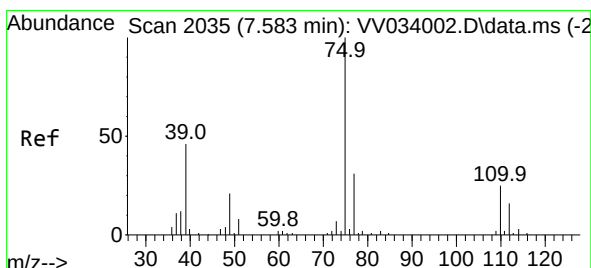
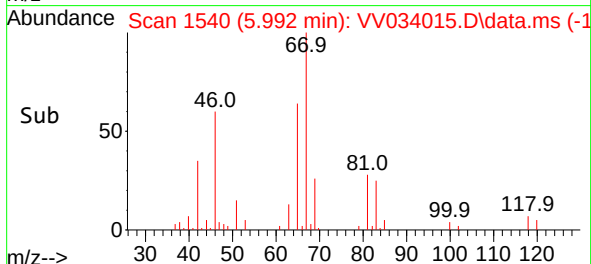
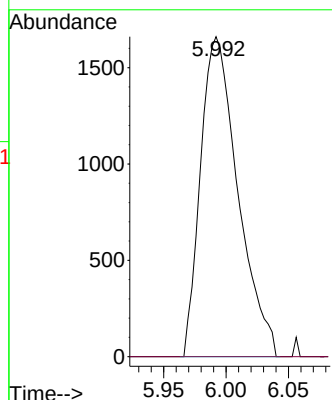
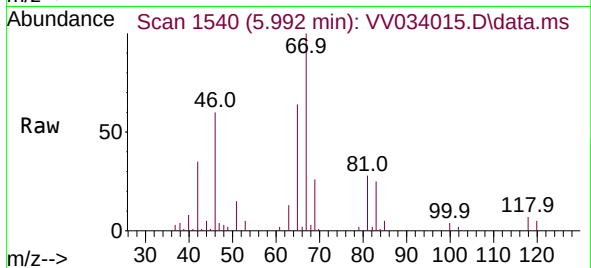
ClientSampleId :

Tgt Ion: 63 Resp: 3469

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.022 min

Lab File: VV034015.D

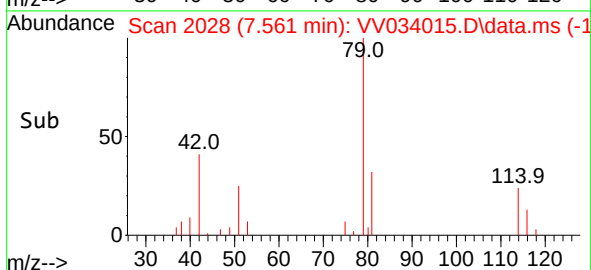
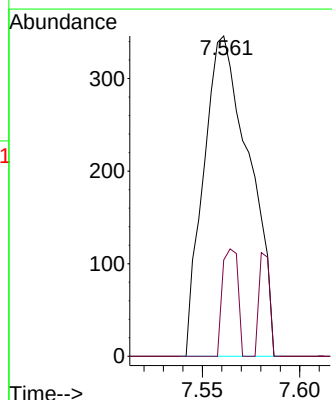
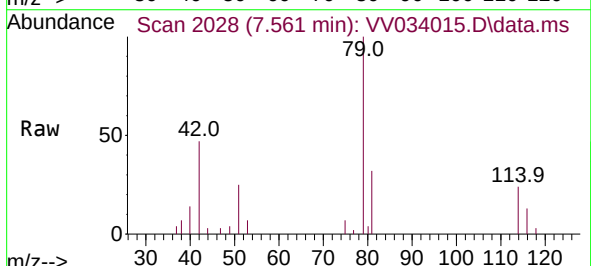
Acq: 06 Feb 2024 17:05

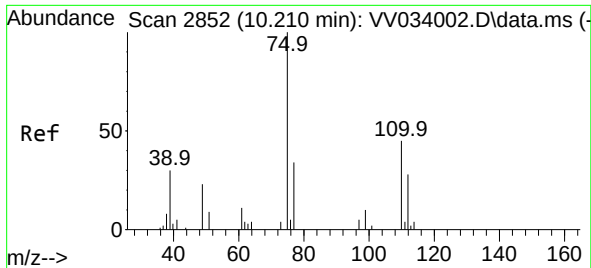
Tgt Ion: 75 Resp: 563

Ion Ratio Lower Upper

75 100

77 30.1 22.2 41.2





#61

1,2,3-Trichloropropane

Concen: 1.685 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.978 min

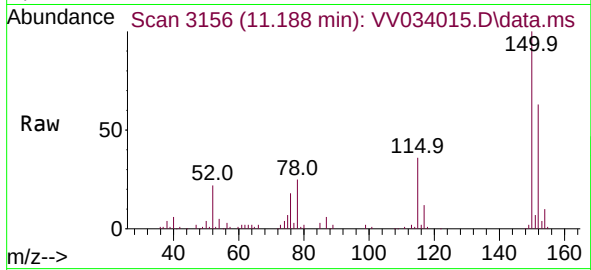
Lab File: VV034015.D

Acq: 06 Feb 2024 17:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4778

Ion Ratio Lower Upper

75 100

77 37.4 26.9 40.3

110 0.0 33.3 49.9#

