

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033987.D
 Acq On : 05 Feb 2024 14:50
 Operator : SY/MD
 Sample : P1289-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 06 05:14:41 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)

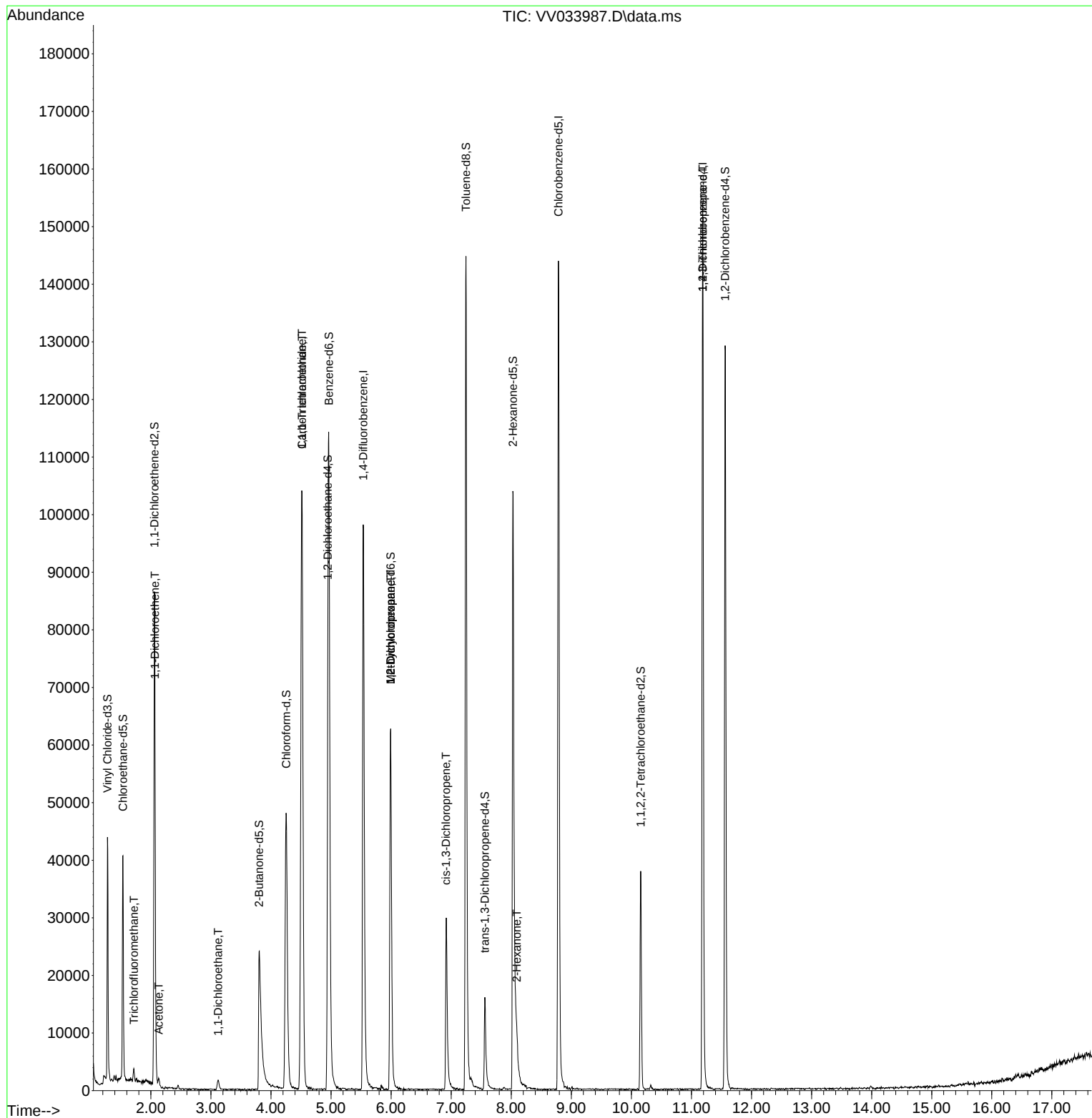
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	85148	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	80011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	40510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	27203	4.125	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.535	69	24207	4.191	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.059	65	13702	4.308	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.802	46	49154	44.382	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.760%
24) Chloroform-d	4.252	84	52759	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	4.947	65	25646	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	4.963	84	103680	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	5.992	67	29780	4.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.246	98	97514	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.561	79	10546	4.162	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.027	63	36506	40.360	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.720%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18141	4.459	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	33182	4.504	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.719	101	1182	0.101	ug/L	100
12) 1,1-Dichloroethene	2.069	96	3123	0.525	ug/L #	1
13) Acetone	2.133	43	1467	1.746	ug/L	88
19) 1,1-Dichloroethane	3.121	63	2557	0.230	ug/L #	97
29) 1,1,1-Trichloroethane	4.516	97	88578	8.246	ug/L	98
31) Carbon tetrachloride	4.516	117	10905	1.160	ug/L	98
35) Methylcyclohexane	5.992	83	7261	0.666	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3925	0.675	ug/L #	87
39) cis-1,3-Dichloropropene	6.915	75	1059	0.120	ug/L #	78
48) 2-Hexanone	8.091	43	7337	3.739	ug/L #	90
61) 1,2,3-Trichloropropane	11.188	75	5141	1.846	ug/L #	64

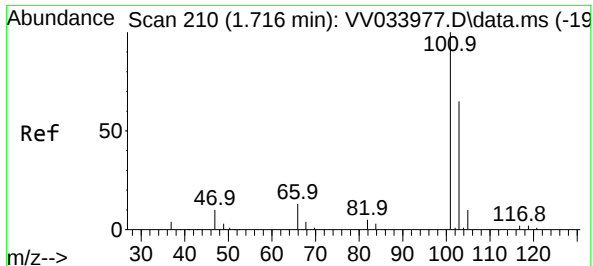
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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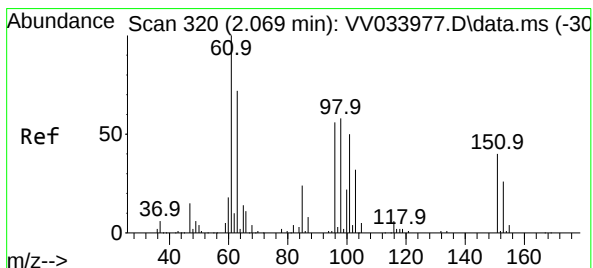
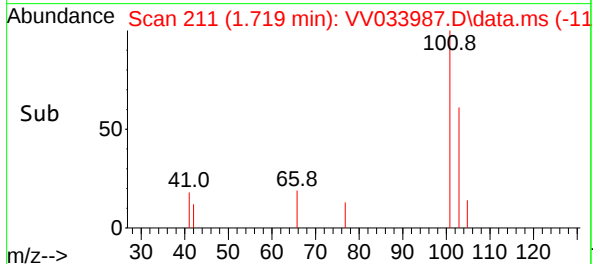
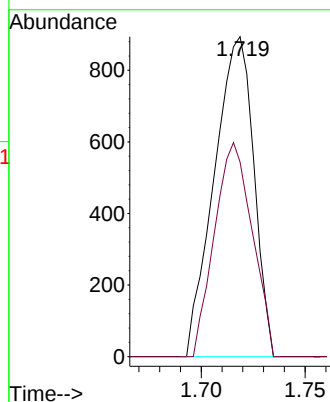
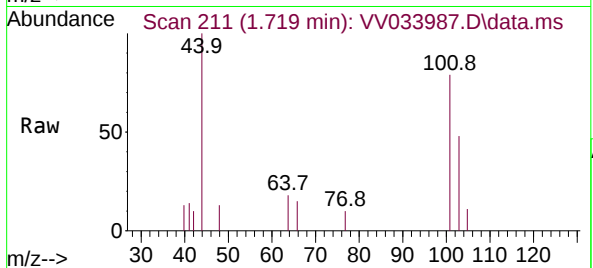




#9
Trichlorofluoromethane
Concen: 0.101 ug/L
RT: 1.719 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV033987.D
Acq: 05 Feb 2024 14:50

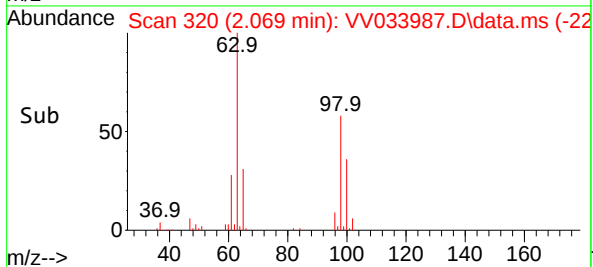
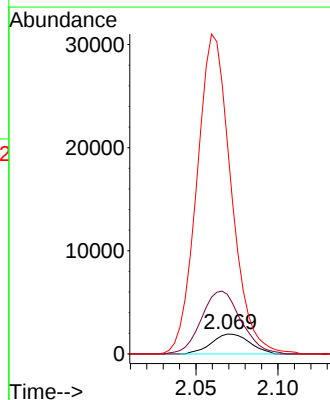
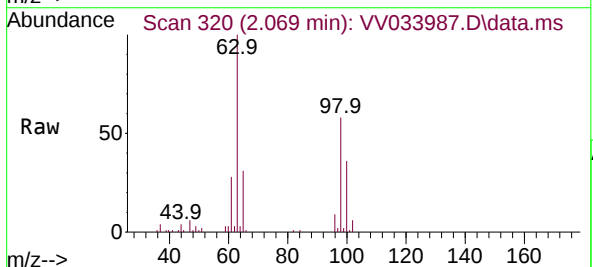
Instrument :
MSVOA_V
ClientSampleId :

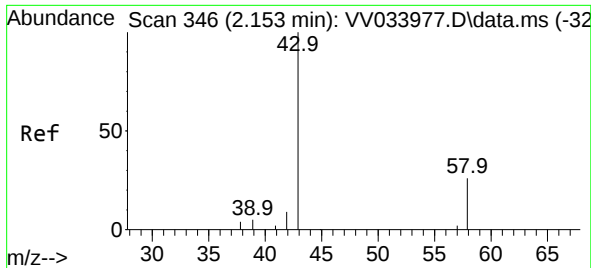
Tgt Ion:101 Resp: 1182
Ion Ratio Lower Upper
101 100
103 64.0 51.0 76.4



#12
1,1-Dichloroethene
Concen: 0.525 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV033987.D
Acq: 05 Feb 2024 14:50

Tgt Ion: 96 Resp: 3123
Ion Ratio Lower Upper
96 100
61 299.8 128.8 239.2#
63 1061.8 97.9 181.9#





#13

Acetone

Concen: 1.746 ug/L

RT: 2.133 min Scan# 34

Delta R.T. -0.019 min

Lab File: VV033987.D

Acq: 05 Feb 2024 14:50

Instrument :

MSVOA_V

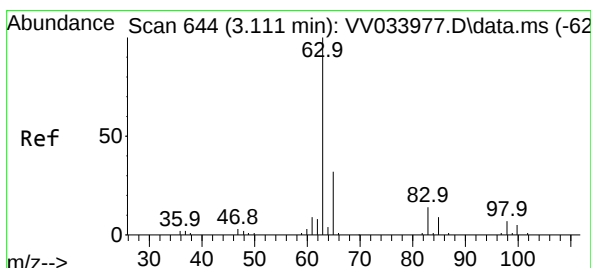
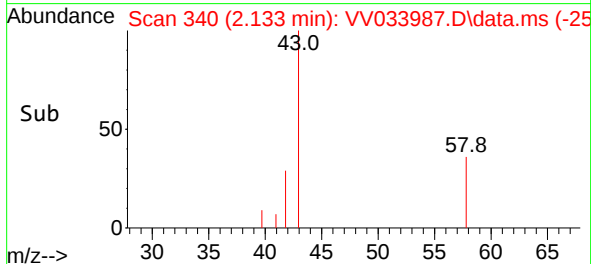
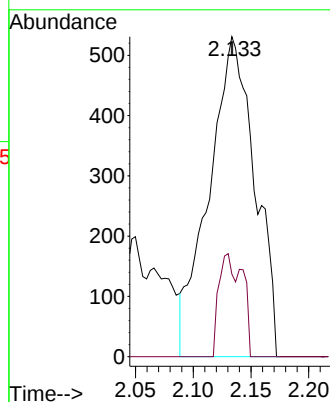
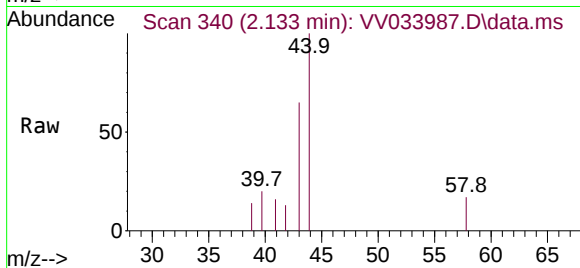
ClientSampleId :

Tgt Ion: 43 Resp: 1467

Ion Ratio Lower Upper

43 100

58 11.0 0.0 13.8



#19

1,1-Dichloroethane

Concen: 0.230 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.009 min

Lab File: VV033987.D

Acq: 05 Feb 2024 14:50

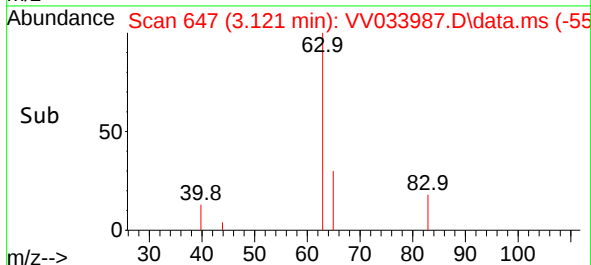
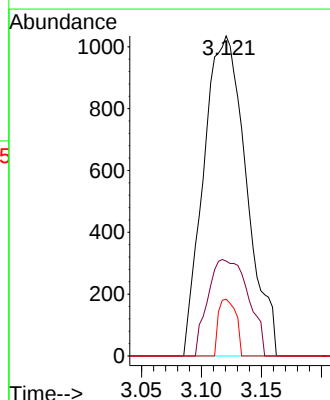
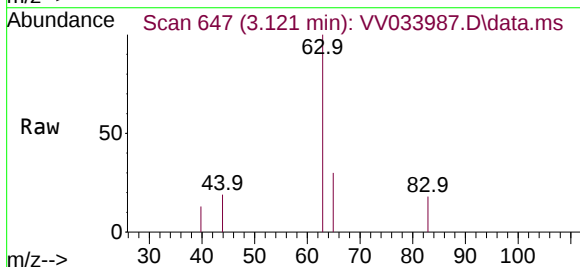
Tgt Ion: 63 Resp: 2557

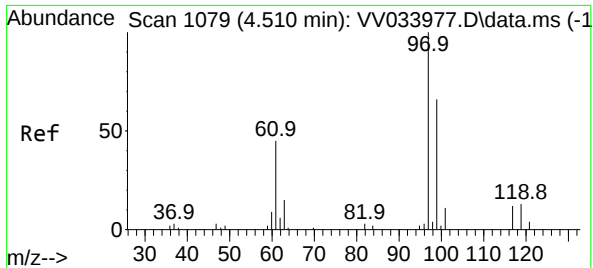
Ion Ratio Lower Upper

63 100

65 29.7 20.8 38.6

83 17.8 9.4 17.4#





#29

1,1,1-Trichloroethane

Concen: 8.246 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VV033987.D

Acq: 05 Feb 2024 14:50

Instrument :

MSVOA_V

ClientSampleId :

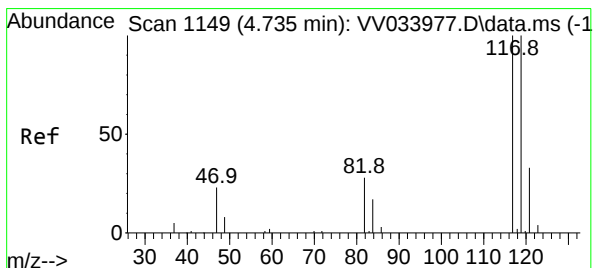
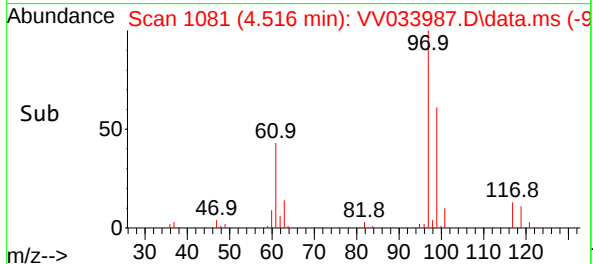
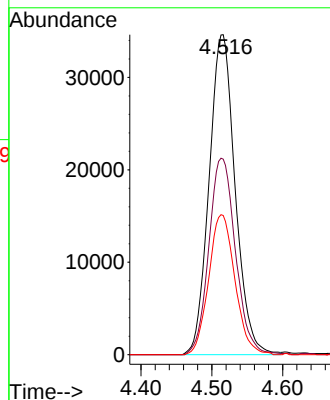
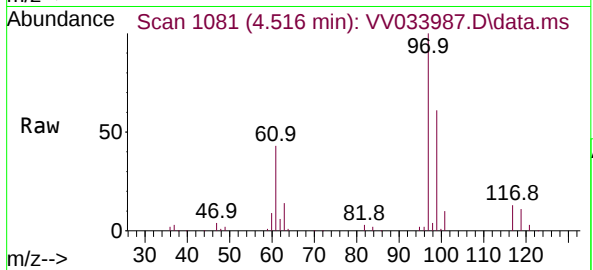
Tgt Ion: 97 Resp: 88578

Ion Ratio Lower Upper

97 100

99 62.7 50.6 75.8

61 44.0 36.8 55.2



#31

Carbon tetrachloride

Concen: 1.160 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. -0.219 min

Lab File: VV033987.D

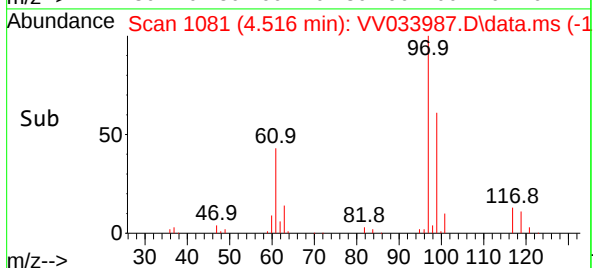
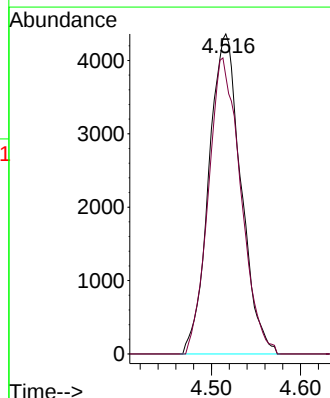
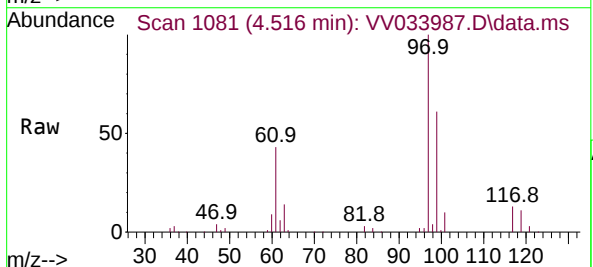
Acq: 05 Feb 2024 14:50

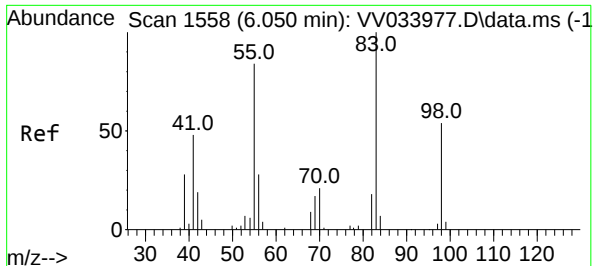
Tgt Ion: 117 Resp: 10905

Ion Ratio Lower Upper

117 100

119 93.4 76.1 114.1





#35

Methylcyclohexane

Concen: 0.666 ug/L

RT: 5.992 min Scan# 1540

Delta R.T. -0.058 min

Lab File: VV033987.D

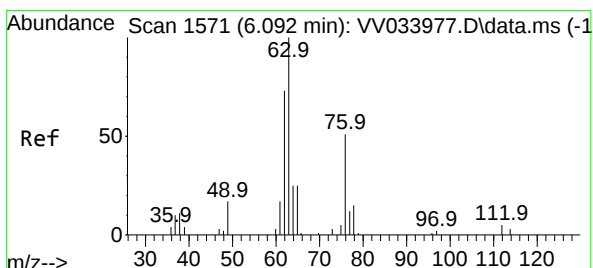
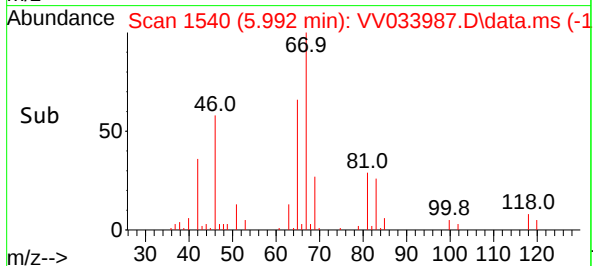
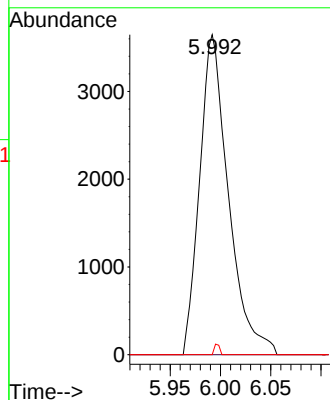
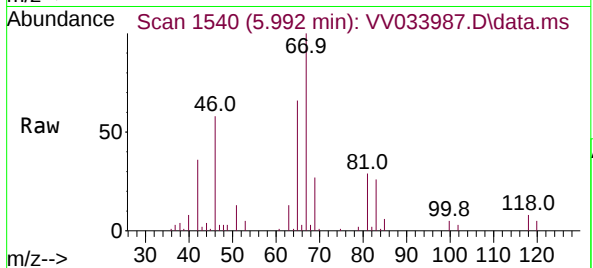
Acq: 05 Feb 2024 14:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	7261
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.5	95.3#
98	0.6	39.0	58.4#



#37

1,2-Dichloropropane

Concen: 0.675 ug/L

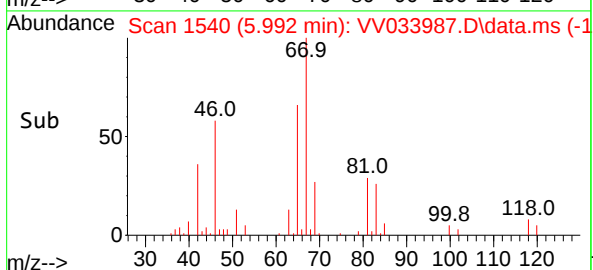
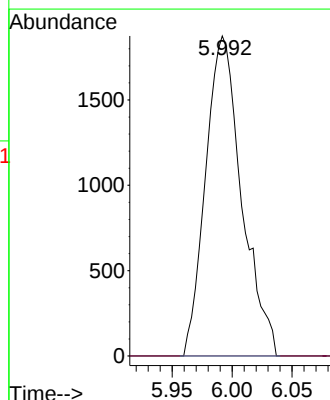
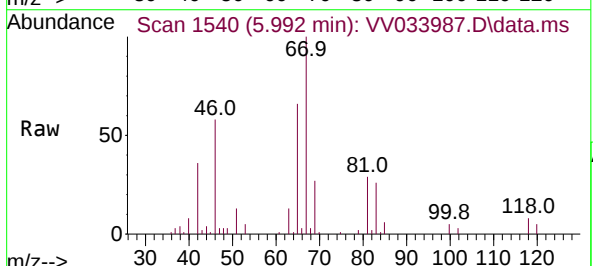
RT: 5.992 min Scan# 1540

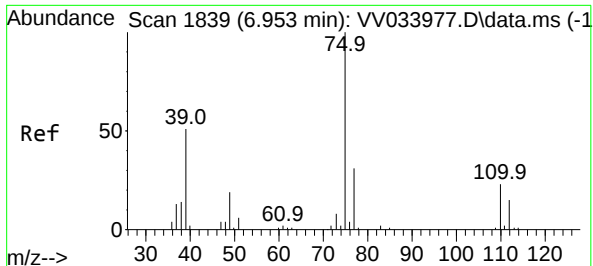
Delta R.T. -0.100 min

Lab File: VV033987.D

Acq: 05 Feb 2024 14:50

Tgt Ion:	63	Resp:	3925
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033987.D

Acq: 05 Feb 2024 14:50

Instrument :

MSVOA_V

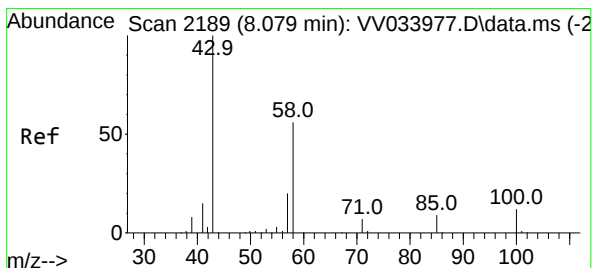
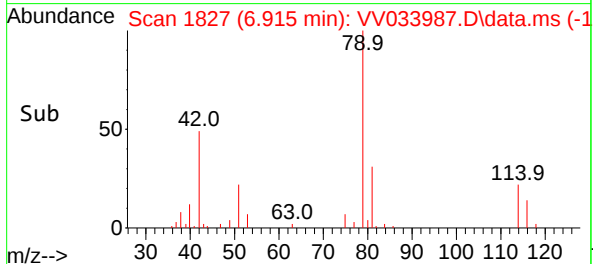
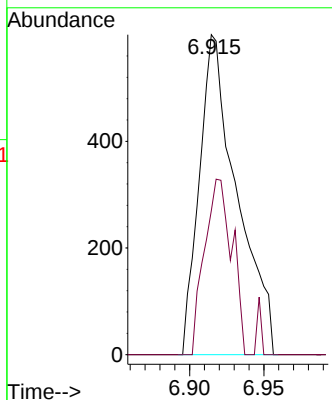
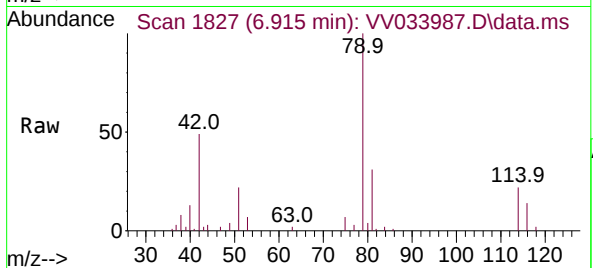
ClientSampleId :

Tgt Ion: 75 Resp: 1059

Ion Ratio Lower Upper

75 100

77 45.0 22.9 42.5#



#48

2-Hexanone

Concen: 3.739 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. 0.013 min

Lab File: VV033987.D

Acq: 05 Feb 2024 14:50

Tgt Ion: 43 Resp: 7337

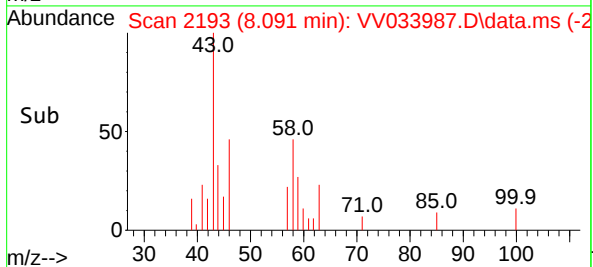
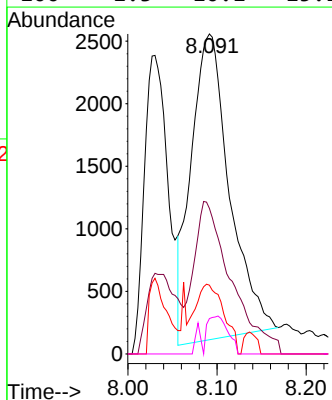
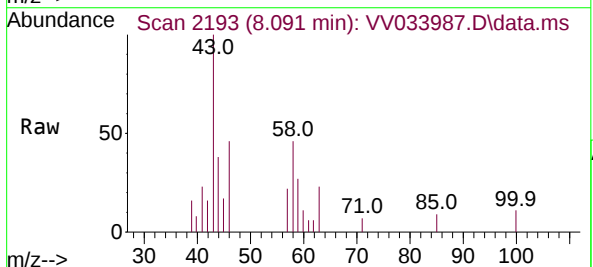
Ion Ratio Lower Upper

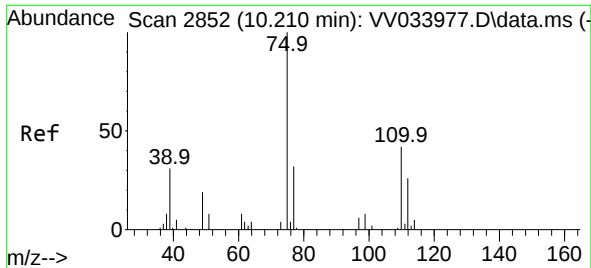
43 100

58 48.5 42.6 64.0

57 16.6 15.5 23.3

100 1.3 10.1 15.1#





#61

1,2,3-Trichloropropane

Concen: 1.846 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.977 min

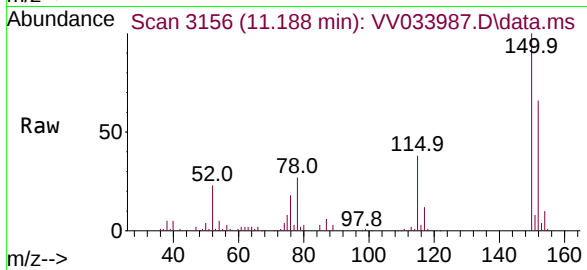
Lab File: VV033987.D

Acq: 05 Feb 2024 14:50

Instrument :

MSVOA_V

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Tgt Ion: 75 Resp: 5141

Ion Ratio Lower Upper

75 100

77 35.8 26.9 40.3

110 2.1 33.3 49.9#

