

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033984.D
 Acq On : 05 Feb 2024 13:39
 Operator : SY/MD
 Sample : P1289-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 06 05:13:58 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)

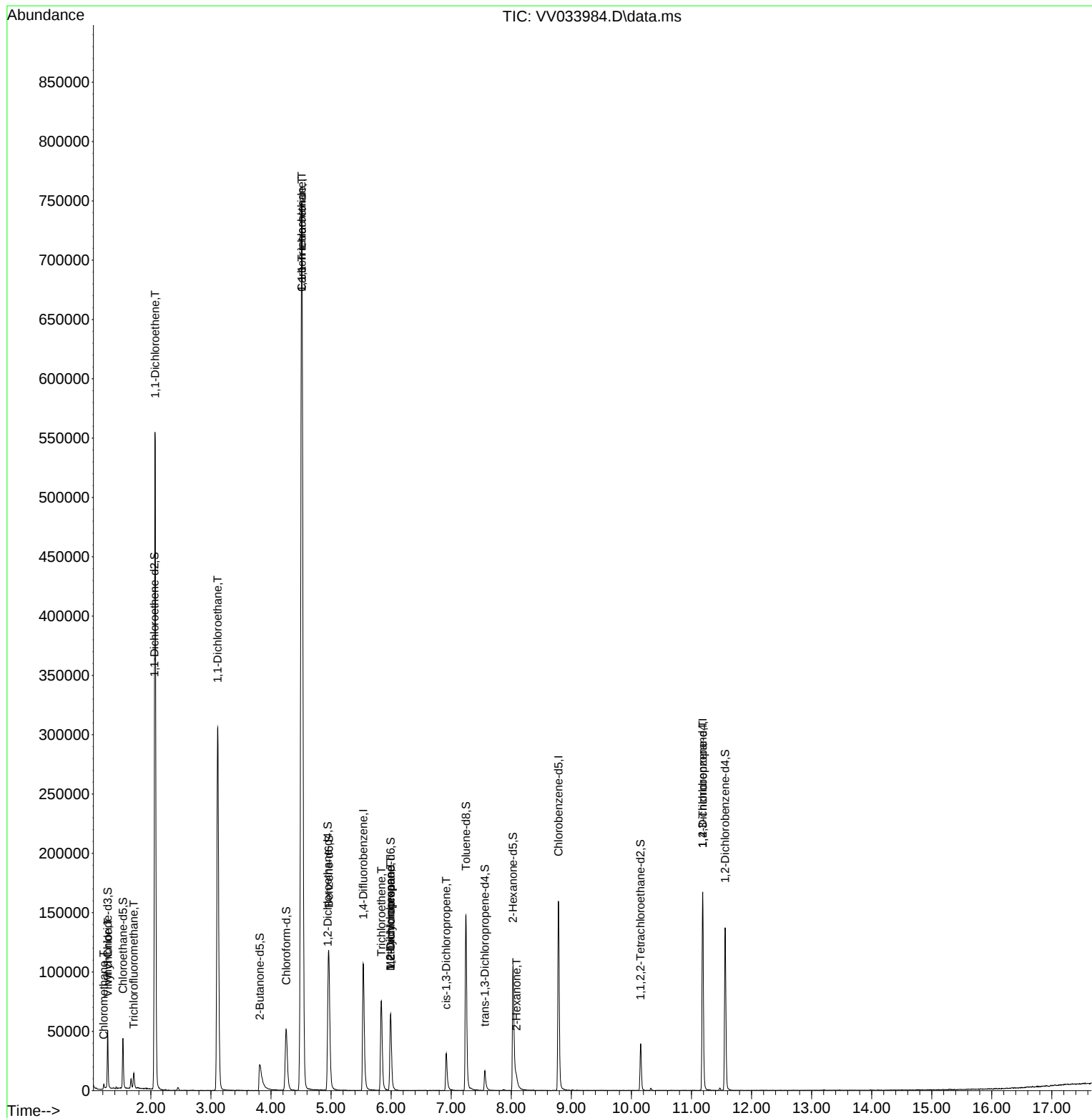
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	94127	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	86395	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	43228	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	28803	3.951	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.535	69	26321	4.122	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.060	65	14849	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	3.812	46	51759	42.276	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.560%
24) Chloroform-d	4.252	84	55667	4.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	4.947	65	27080	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	4.963	84	107327	4.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	5.992	67	30555	4.217	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.246	98	100873	4.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.561	79	11311	4.134	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.027	63	37102	37.988	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.980%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	18213	4.146	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	34686	4.412	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2591	0.275	ug/L	97
5) Vinyl chloride	1.285	62	2002	0.223	ug/L #	59
9) Trichlorofluoromethane	1.716	101	7496	0.579	ug/L	100
12) 1,1-Dichloroethene	2.072	96	145389	22.110	ug/L #	74
19) 1,1-Dichloroethane	3.114	63	307965	25.024	ug/L	96
29) 1,1,1-Trichloroethane	4.513	97	620695	53.512	ug/L	99
31) Carbon tetrachloride	4.513	117	75385	7.428	ug/L	100
34) Trichloroethene	5.838	95	27301	3.640	ug/L	98
35) Methylcyclohexane	5.989	83	7601	0.646	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	4078	0.650	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	876	0.092	ug/L #	75
48) 2-Hexanone	8.088	43	8177	3.859	ug/L #	85
61) 1,2,3-Trichloropropane	11.188	75	4978	1.675	ug/L #	60

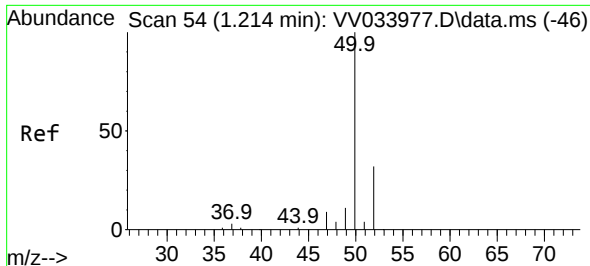
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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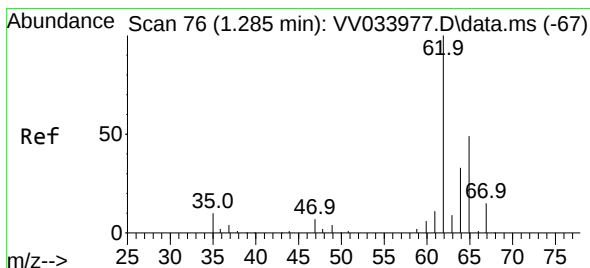
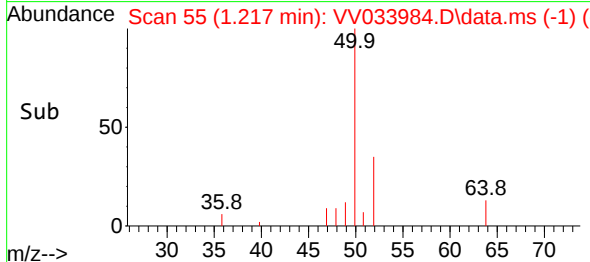
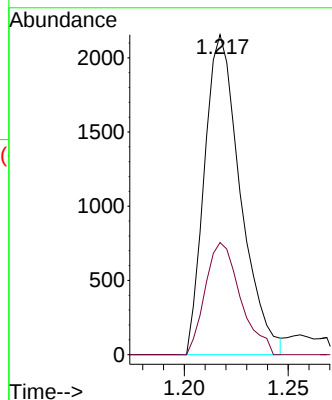
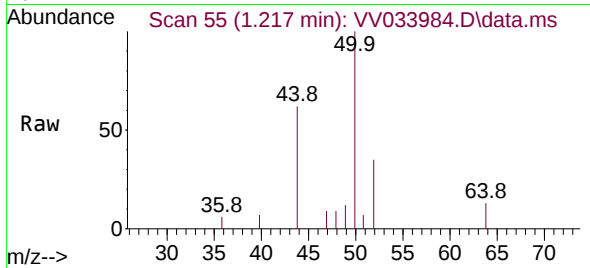




#3
Chloromethane
Concen: 0.275 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV033984.D
Acq: 05 Feb 2024 13:39

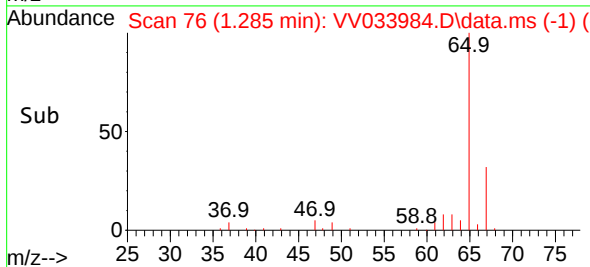
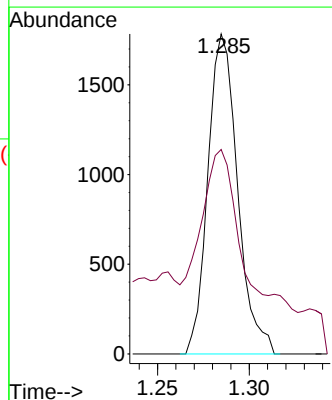
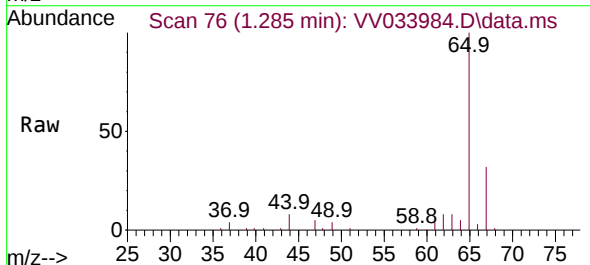
Instrument :
MSVOA_V
ClientSampleId :

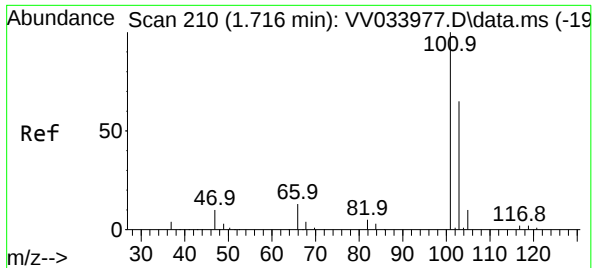
Tgt Ion: 50 Resp: 2591
Ion Ratio Lower Upper
50 100
52 35.0 23.4 43.4



#5
Vinyl chloride
Concen: 0.223 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV033984.D
Acq: 05 Feb 2024 13:39

Tgt Ion: 62 Resp: 2002
Ion Ratio Lower Upper
62 100
64 63.9 27.2 50.4#

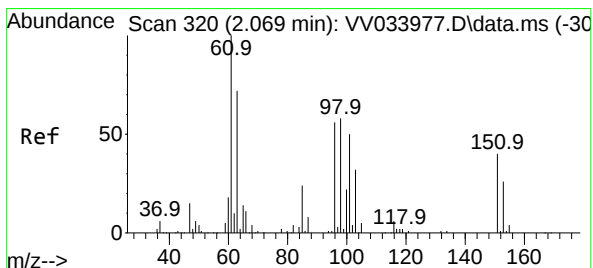
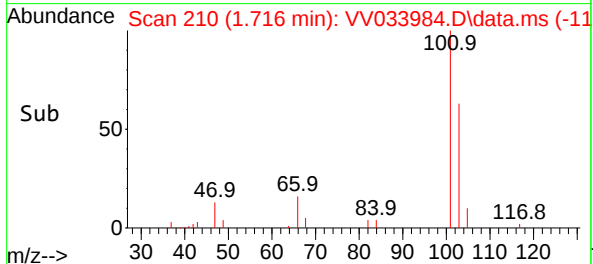
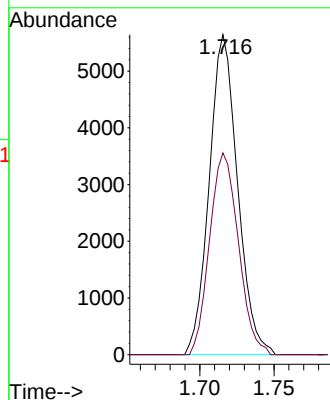
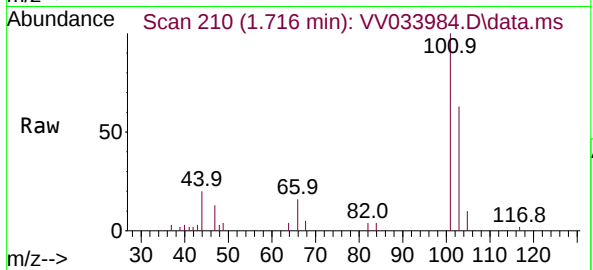




#9
 Trichlorofluoromethane
 Concen: 0.579 ug/L
 RT: 1.716 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VV033984.D
 Acq: 05 Feb 2024 13:39

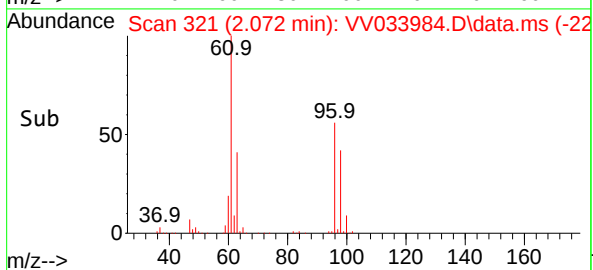
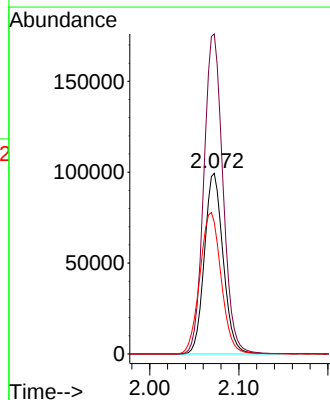
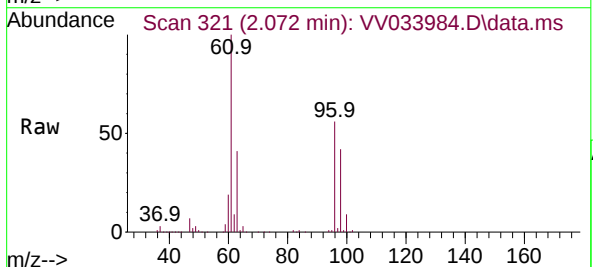
Instrument :
 MSVOA_V
 ClientSampleId :

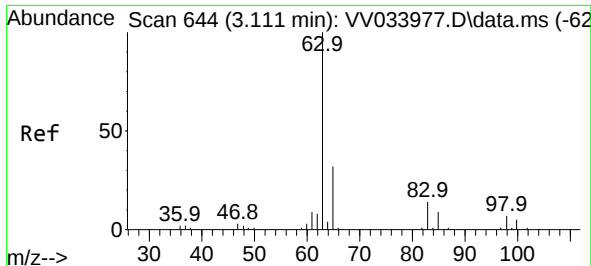
Tgt Ion:101 Resp: 7496
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.0 76.4



#12
 1,1-Dichloroethene
 Concen: 22.110 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.003 min
 Lab File: VV033984.D
 Acq: 05 Feb 2024 13:39

Tgt Ion: 96 Resp: 145389
 Ion Ratio Lower Upper
 96 100
 61 177.1 128.8 239.2
 63 72.9 97.9 181.9#





#19

1,1-Dichloroethane

Concen: 25.024 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033984.D

Acq: 05 Feb 2024 13:39

Instrument :

MSVOA_V

ClientSampleId :

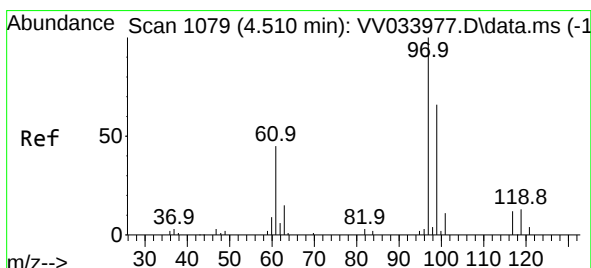
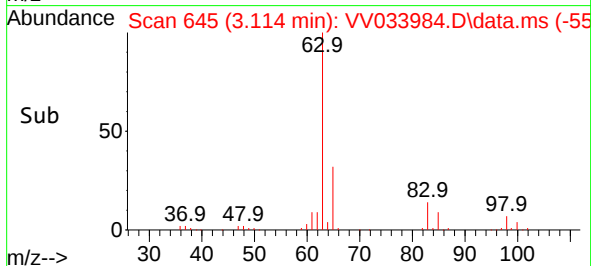
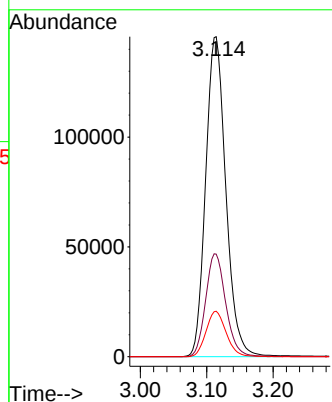
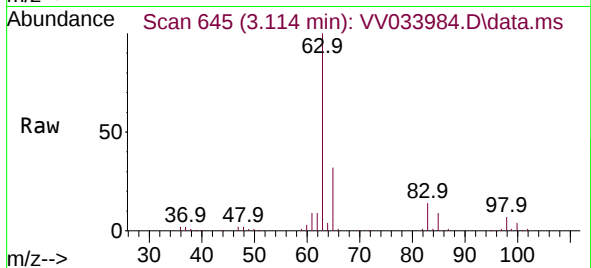
Tgt Ion: 63 Resp: 307965

Ion Ratio Lower Upper

63 100

65 32.1 20.8 38.6

83 14.2 9.4 17.4



#29

1,1,1-Trichloroethane

Concen: 53.512 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV033984.D

Acq: 05 Feb 2024 13:39

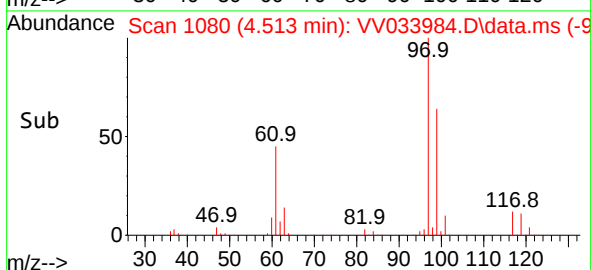
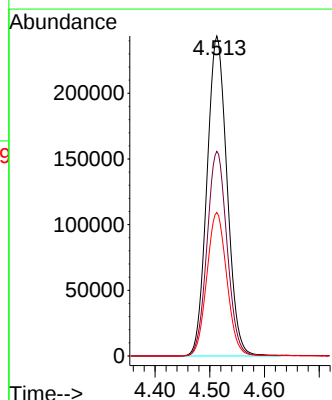
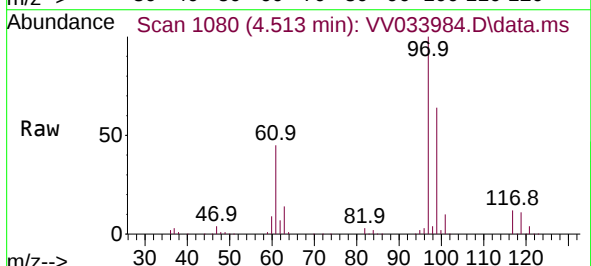
Tgt Ion: 97 Resp: 620695

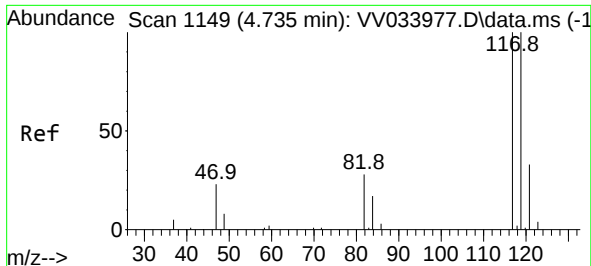
Ion Ratio Lower Upper

97 100

99 63.8 50.6 75.8

61 44.8 36.8 55.2

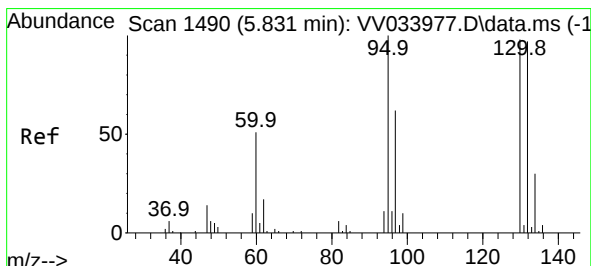
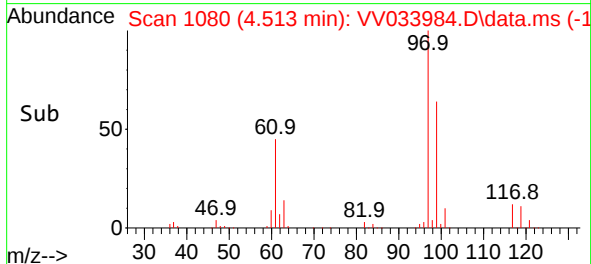
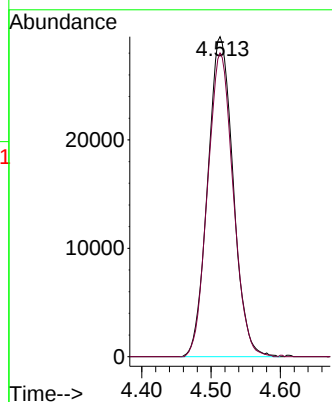
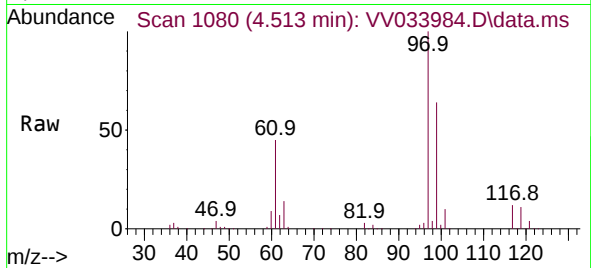




#31
Carbon tetrachloride
Concen: 7.428 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.222 min
Lab File: VV033984.D
Acq: 05 Feb 2024 13:39

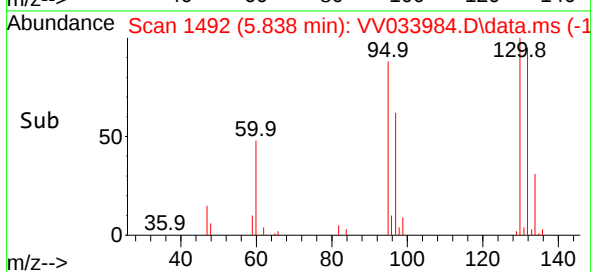
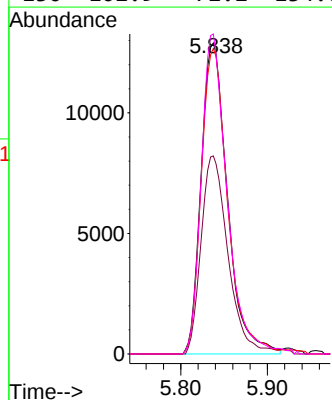
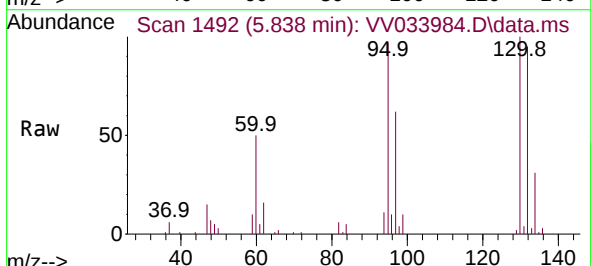
Instrument :
MSVOA_V
ClientSampleId :

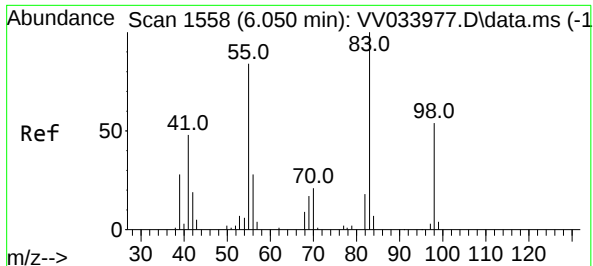
Tgt Ion:117 Resp: 75385
Ion Ratio Lower Upper
117 100
119 95.3 76.1 114.1



#34
Trichloroethene
Concen: 3.640 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV033984.D
Acq: 05 Feb 2024 13:39

Tgt Ion: 95 Resp: 27301
Ion Ratio Lower Upper
95 100
97 63.7 45.1 83.7
132 98.2 66.0 122.6
130 102.9 72.2 134.0





#35

Methylcyclohexane

Concen: 0.646 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV033984.D

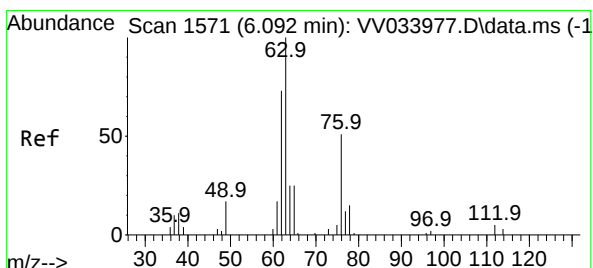
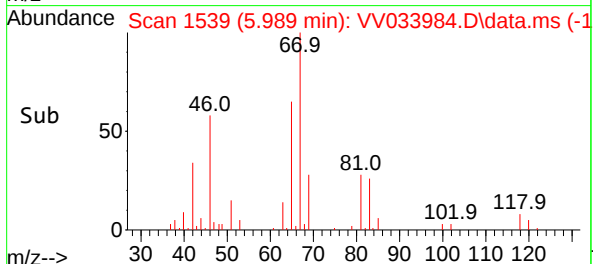
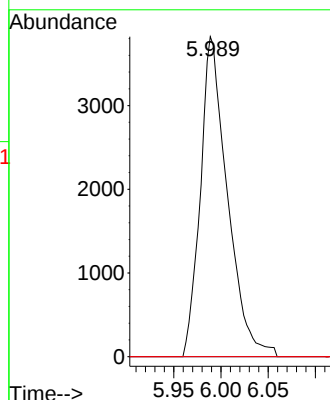
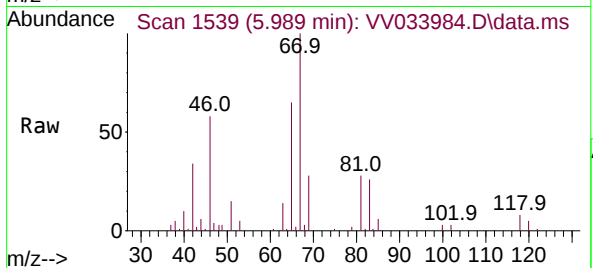
Acq: 05 Feb 2024 13:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 7601
Ion Ratio	Lower Upper
83 100	
55 0.0	63.5 95.3#
98 4.9	39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.650 ug/L

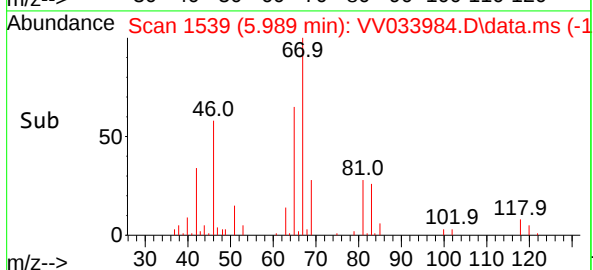
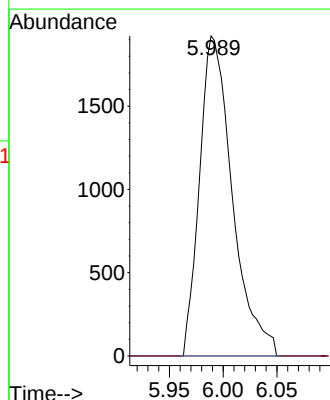
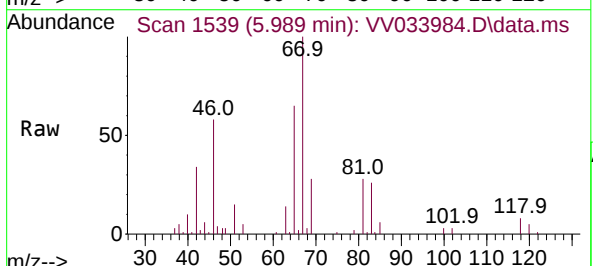
RT: 5.989 min Scan# 1539

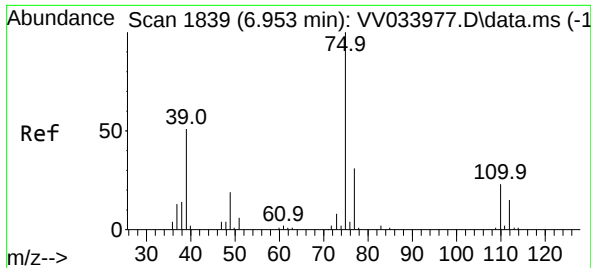
Delta R.T. -0.103 min

Lab File: VV033984.D

Acq: 05 Feb 2024 13:39

Tgt Ion: 63	Resp: 4078
Ion Ratio	Lower Upper
63 100	
112 0.0	3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV033984.D

Acq: 05 Feb 2024 13:39

Instrument :

MSVOA_V

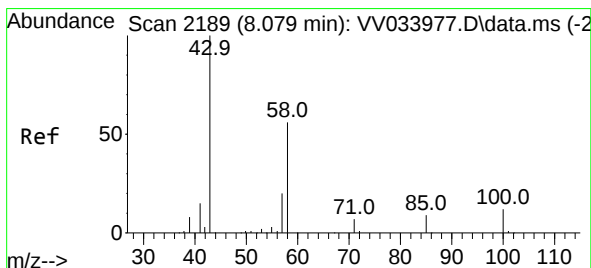
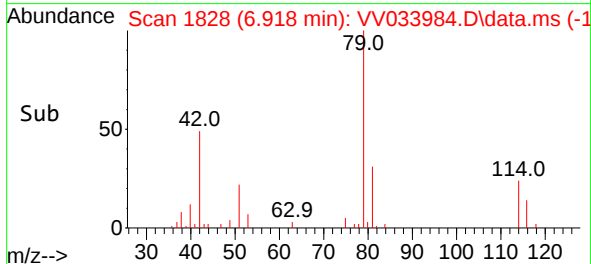
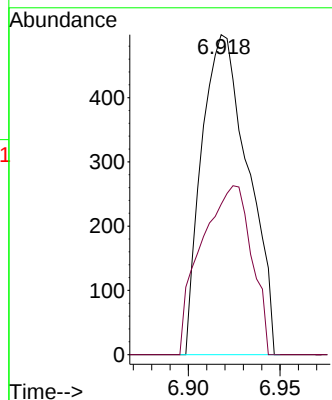
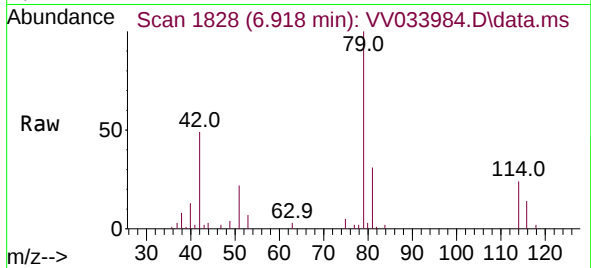
ClientSampleId :

Tgt Ion: 75 Resp: 876

Ion Ratio Lower Upper

75 100

77 47.0 22.9 42.5#



#48

2-Hexanone

Concen: 3.859 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.010 min

Lab File: VV033984.D

Acq: 05 Feb 2024 13:39

Tgt Ion: 43 Resp: 8177

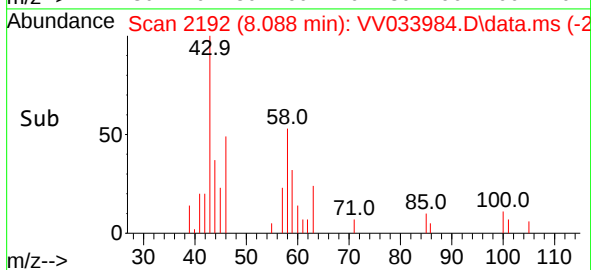
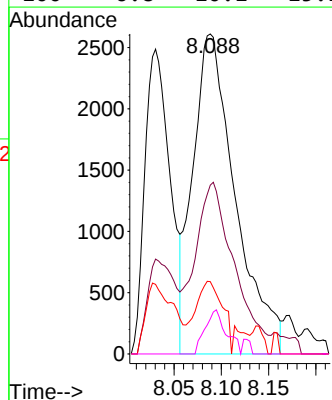
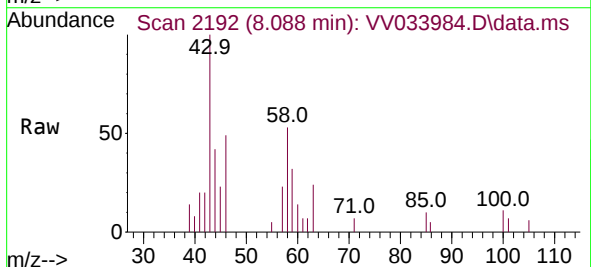
Ion Ratio Lower Upper

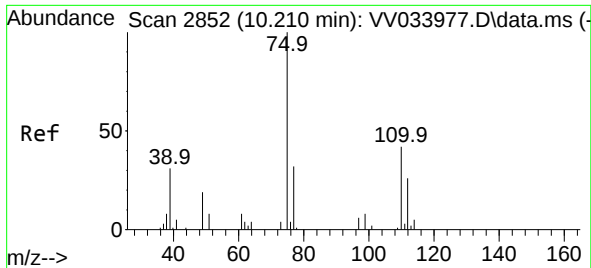
43 100

58 42.0 42.6 64.0#

57 14.4 15.5 23.3#

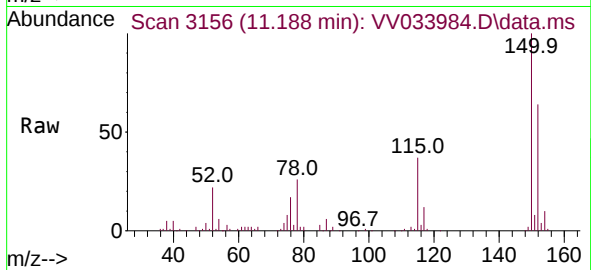
100 6.8 10.1 15.1#





#61
1,2,3-Trichloropropane
Concen: 1.675 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.977 min
Lab File: VV033984.D
Acq: 05 Feb 2024 13:39

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 4978
Ion Ratio Lower Upper
75 100
77 39.7 26.9 40.3
110 1.8 33.3 49.9#

