

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024119.D
 Acq On : 20 Dec 2021 03:47
 Operator : SY/MD
 Sample : M5148-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 04:21:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

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

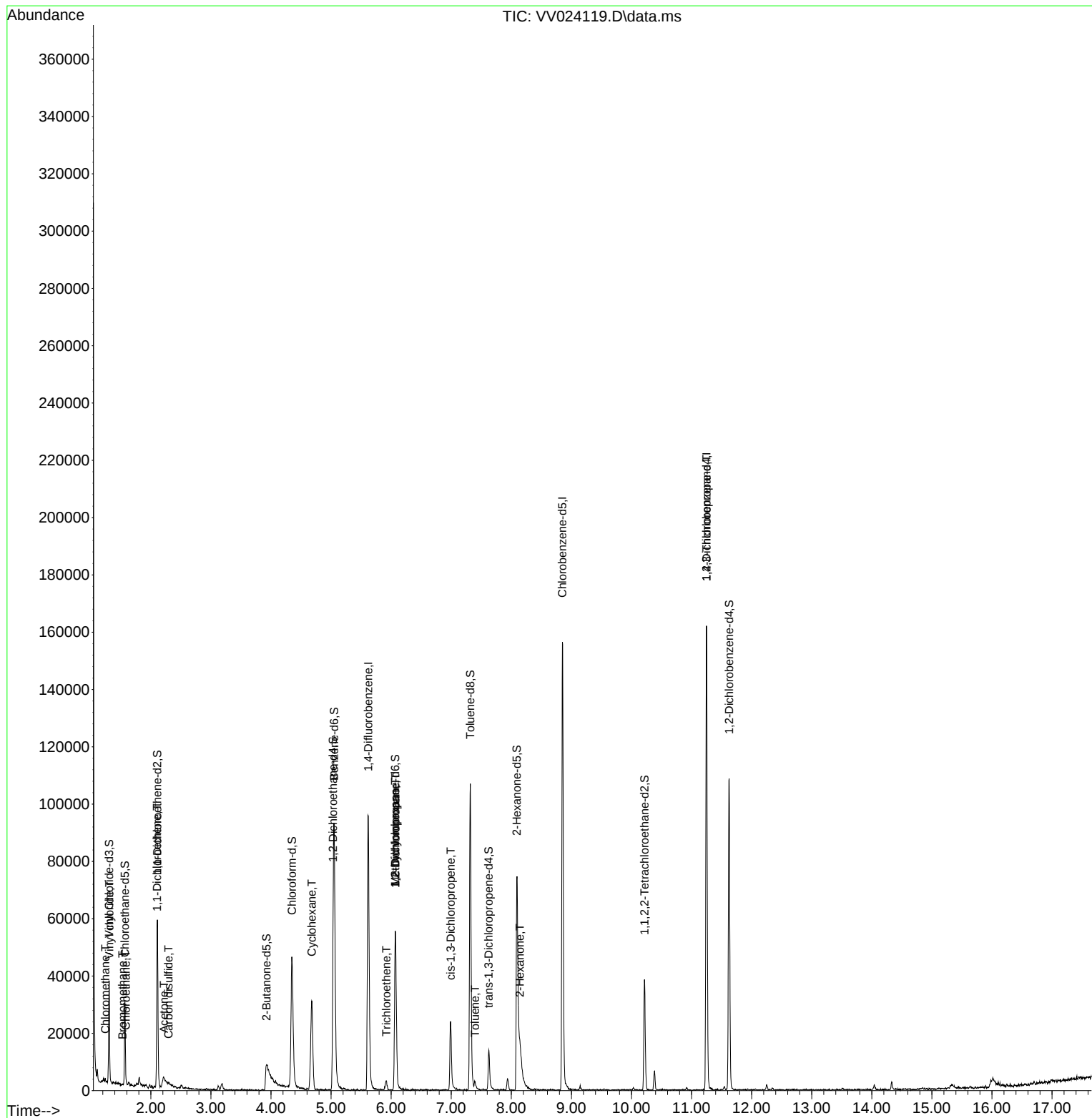
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	85379	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	90155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	45177	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18547	4.041	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.800%	
7) Chloroethane-d5	1.568	69	17287	4.514	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.200%	
11) 1,1-Dichloroethene-d2	2.108	63	29632	3.307	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.200%	
20) 2-Butanone-d5	3.924	46	8386	9.352	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	18.700%#	
24) Chloroform-d	4.349	84	47532	4.572	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
26) 1,2-Dichloroethane-d4	5.034	65	23923	4.942	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
32) Benzene-d6	5.050	84	84030	4.706	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.069	67	25424	4.719	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.316	98	71759	4.464	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	7.622	79	8647	3.869	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.400%	
46) 2-Hexanone-d5	8.091	63	33704	33.687	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	67.380%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18348	4.106	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	30705	5.088	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	463	0.073	ug/L #	60
5) Vinyl chloride	1.310	62	469	0.068	ug/L #	1
6) Bromomethane	1.529	94	192	0.044	ug/L	77
8) Chloroethane	1.584	64	432	0.096	ug/L #	71
12) 1,1-Dichloroethene	2.101	96	346	0.060	ug/L #	1
13) Acetone	2.217	43	7291	10.163	ug/L	92
14) Carbon disulfide	2.294	76	1183	0.071	ug/L #	74
30) Cyclohexane	4.677	56	13824	1.478	ug/L	94
34) Trichloroethene	5.918	95	622	0.086	ug/L #	75
35) Methylcyclohexane	6.069	83	6679	0.631	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	3190	0.526	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	744	0.083	ug/L #	81
42) Toluene	7.394	91	2016	0.070	ug/L	85
48) 2-Hexanone	8.143	43	3963	1.877	ug/L #	60
61) 1,2,3-Trichloropropane	11.249	75	4337	1.409	ug/L #	62

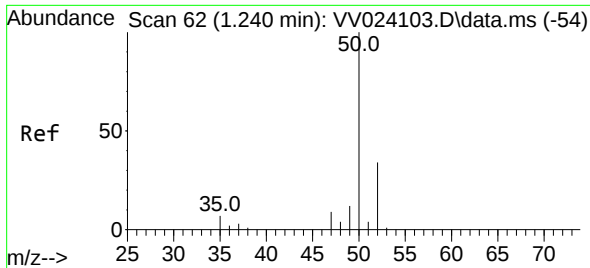
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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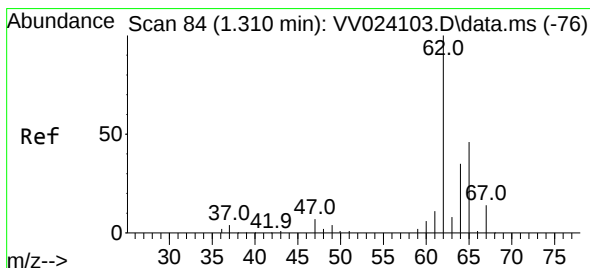
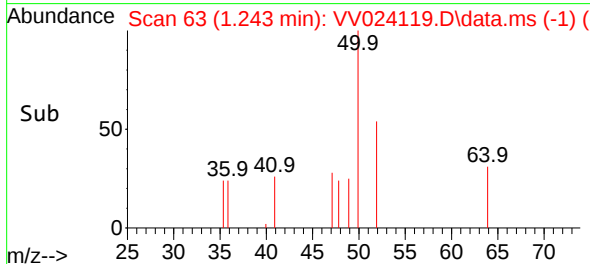
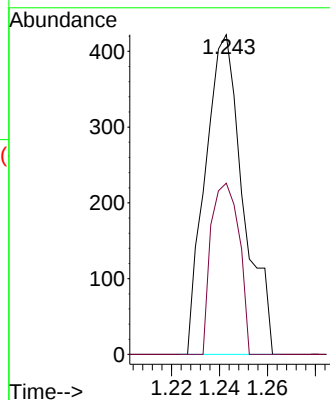
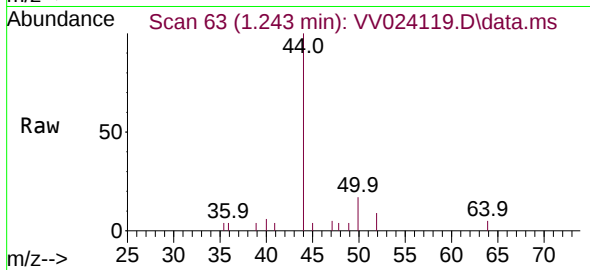




#3
Chloromethane
Concen: 0.073 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024119.D
Acq: 20 Dec 2021 03:47

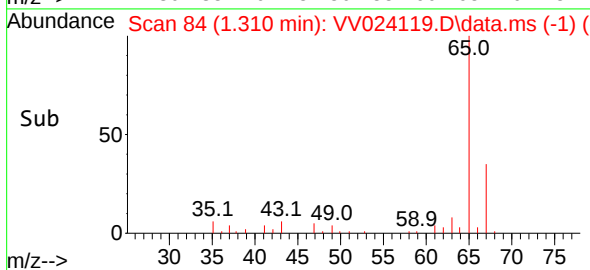
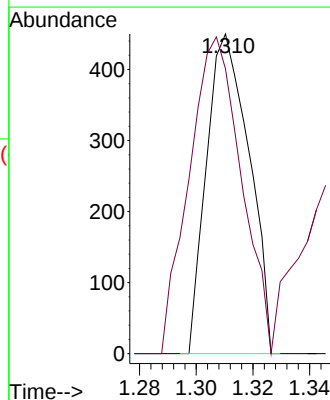
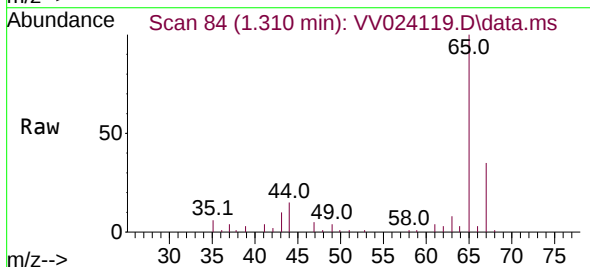
Instrument :
MSVOA_V
ClientSampleId :

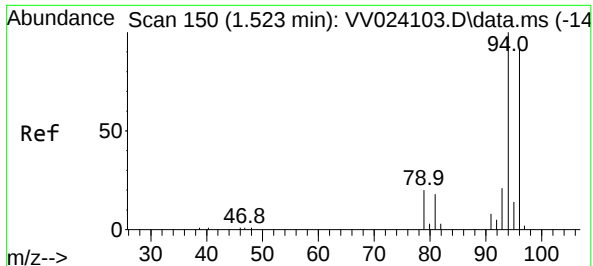
Tgt Ion: 50 Resp: 463
Ion Ratio Lower Upper
50 100
52 53.6 22.0 41.0#



#5
Vinyl chloride
Concen: 0.068 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV024119.D
Acq: 20 Dec 2021 03:47

Tgt Ion: 62 Resp: 469
Ion Ratio Lower Upper
62 100
64 89.1 22.4 41.6#

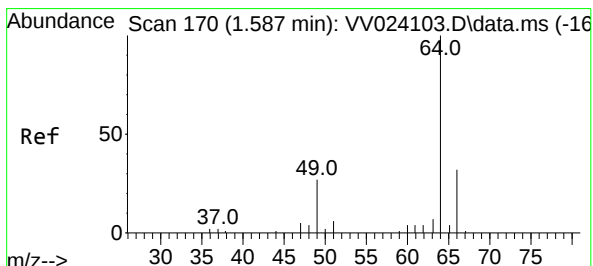
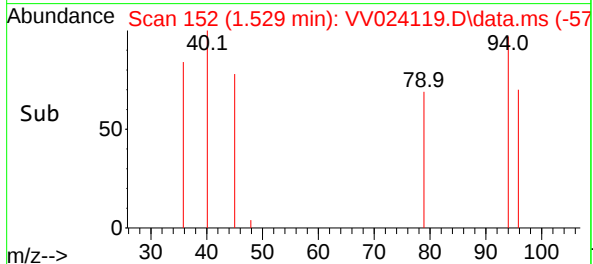
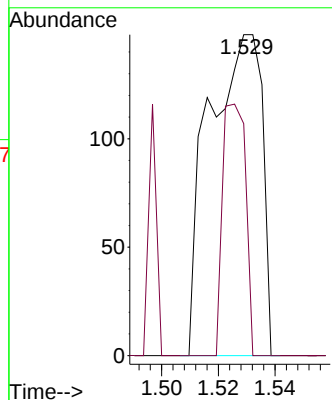
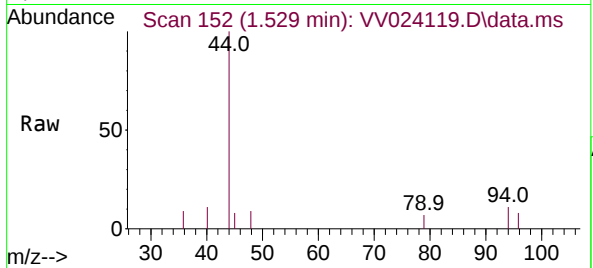




#6
Bromomethane
Concen: 0.044 ug/L
RT: 1.529 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV024119.D
Acq: 20 Dec 2021 03:47

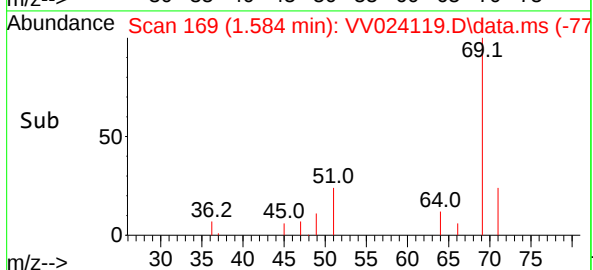
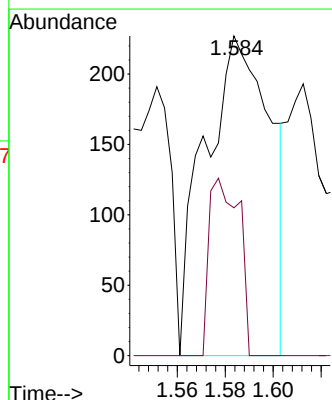
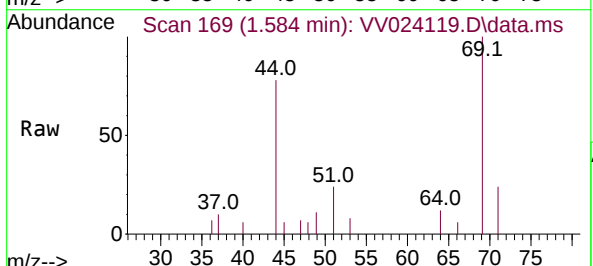
Instrument :
MSVOA_V
ClientSampleId :

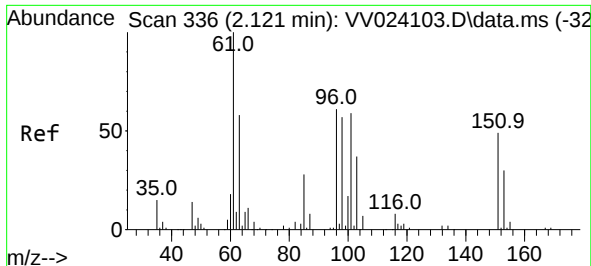
Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 72.3 66.2 123.0



#8
Chloroethane
Concen: 0.096 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV024119.D
Acq: 20 Dec 2021 03:47

Tgt Ion: 64 Resp: 432
Ion Ratio Lower Upper
64 100
66 46.3 21.4 39.8#





#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.101 min Scan# 336

Delta R.T. -0.019 min

Lab File: VV024119.D

Acq: 20 Dec 2021 03:47

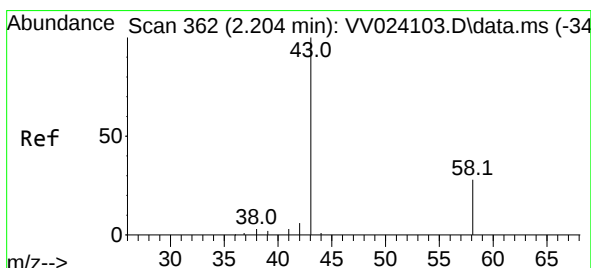
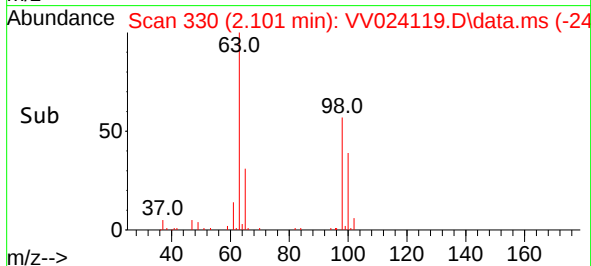
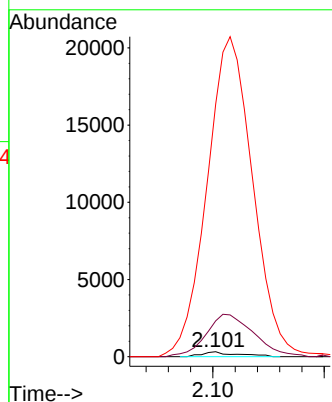
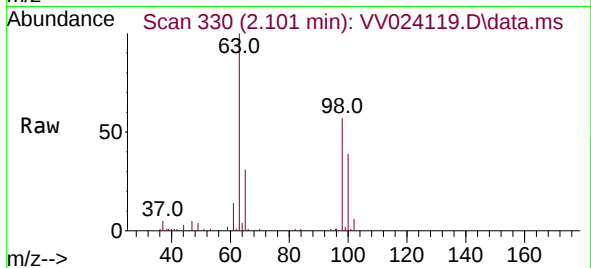
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 346

Ion	Ratio	Lower	Upper
96	100		
61	728.8	116.1	215.5#
63	5132.3	79.4	147.4#



#13

Acetone

Concen: 10.163 ug/L

RT: 2.217 min Scan# 366

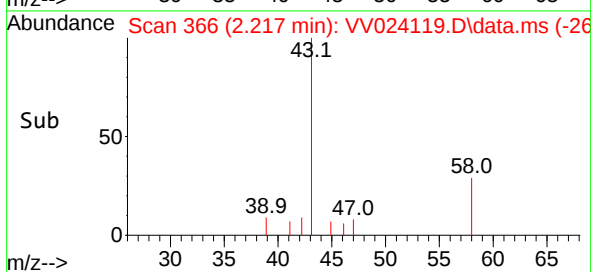
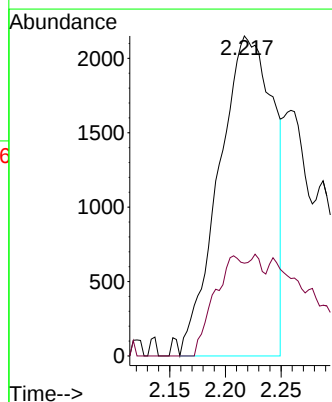
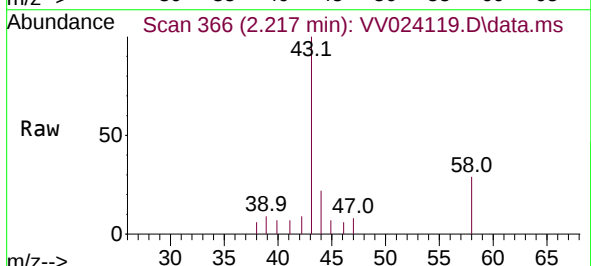
Delta R.T. 0.013 min

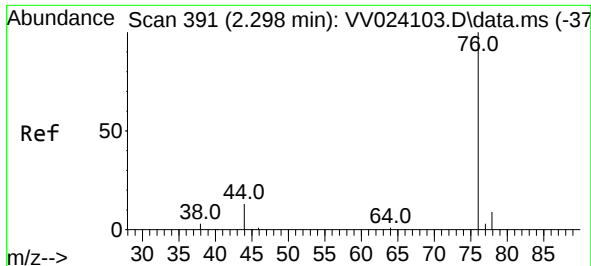
Lab File: VV024119.D

Acq: 20 Dec 2021 03:47

Tgt Ion: 43 Resp: 7291

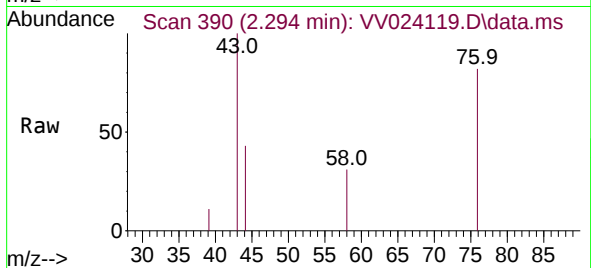
Ion	Ratio	Lower	Upper
43	100		
58	17.0	0.0	41.4



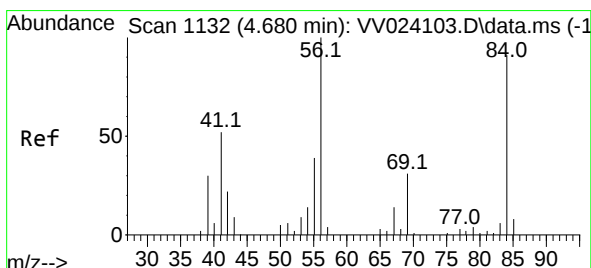
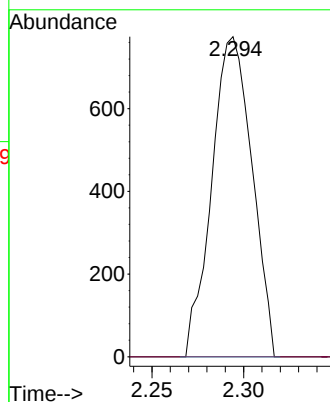
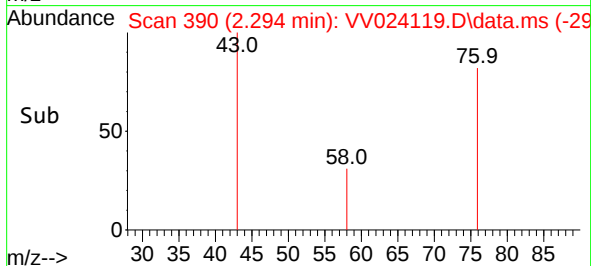


#14
Carbon disulfide
Concen: 0.071 ug/L
RT: 2.294 min Scan# 391
Delta R.T. -0.003 min
Lab File: VV024119.D
Acq: 20 Dec 2021 03:47

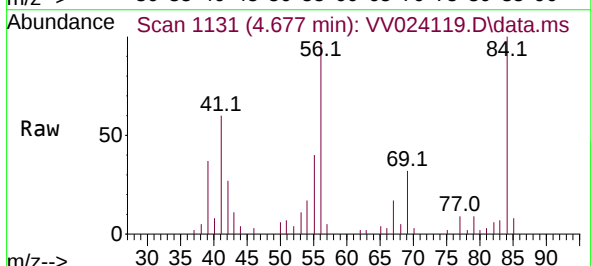
Instrument :
MSVOA_V
ClientSampleId :



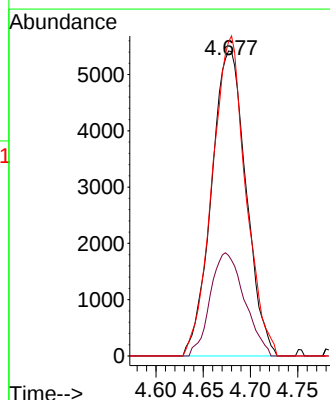
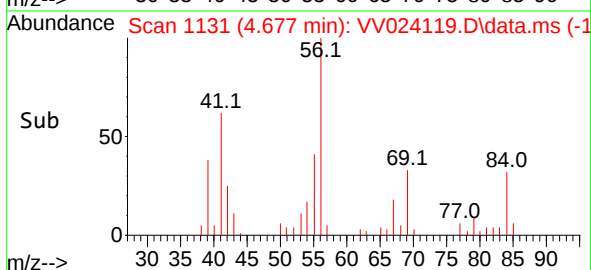
Tgt Ion: 76 Resp: 1183
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

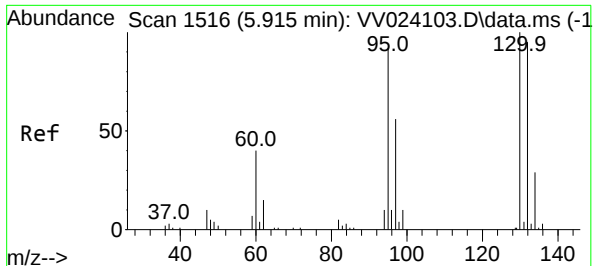


#30
Cyclohexane
Concen: 1.478 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.003 min
Lab File: VV024119.D
Acq: 20 Dec 2021 03:47



Tgt Ion: 56 Resp: 13824
Ion Ratio Lower Upper
56 100
69 33.3 24.8 37.2
84 101.0 75.9 113.9

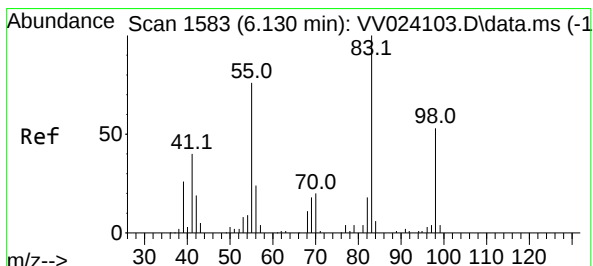
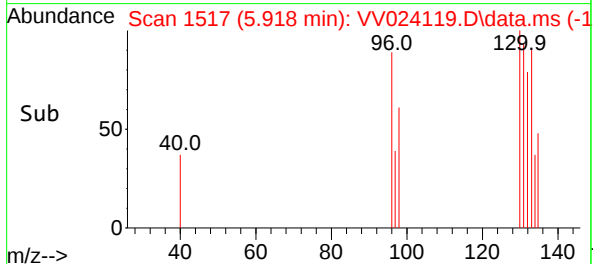
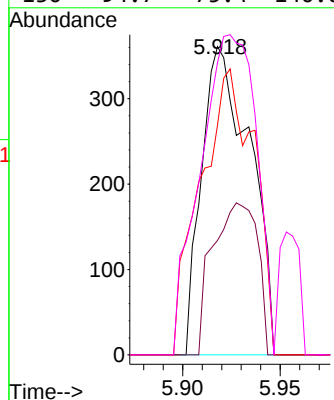
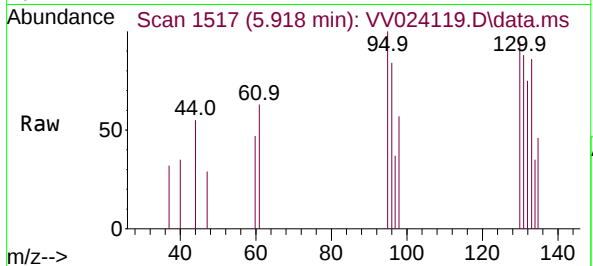




#34
Trichloroethene
Concen: 0.086 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024119.D
Acq: 20 Dec 2021 03:47

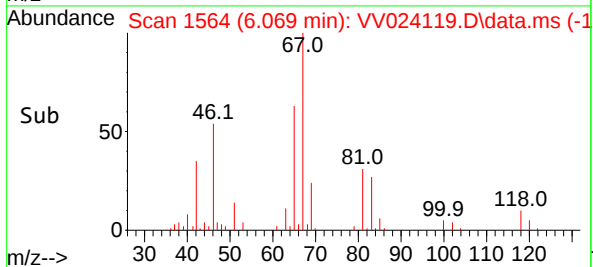
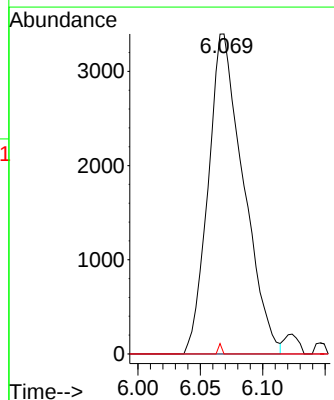
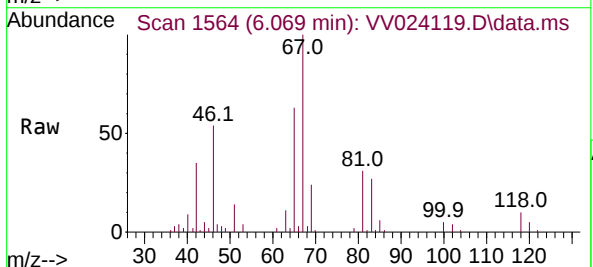
Instrument :
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ClientSampleId :

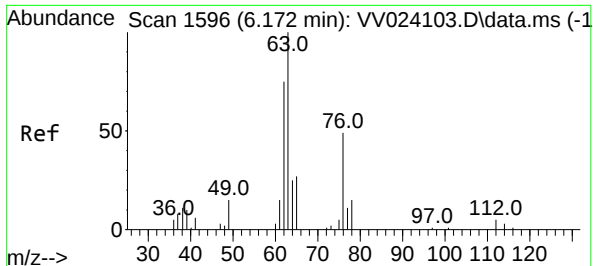
Tgt Ion: 95 Resp: 622
Ion Ratio Lower Upper
95 100
97 37.1 45.2 84.0#
132 74.5 76.1 141.3#
130 94.7 75.4 140.0



#35
Methylcyclohexane
Concen: 0.631 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV024119.D
Acq: 20 Dec 2021 03:47

Tgt Ion: 83 Resp: 6679
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 0.3 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.526 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024119.D

Acq: 20 Dec 2021 03:47

Instrument :

MSVOA_V

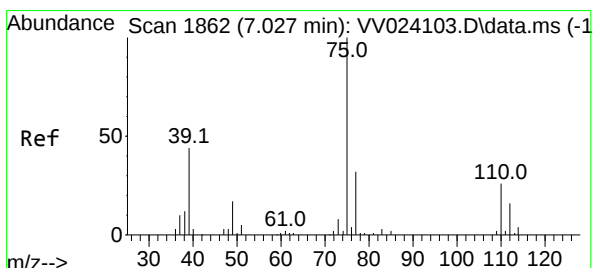
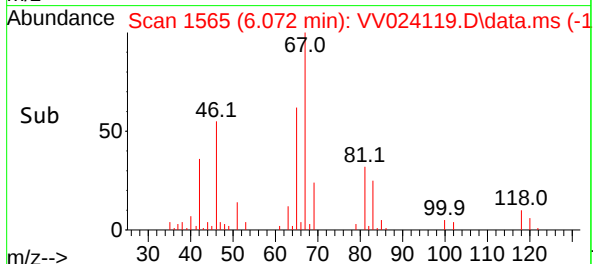
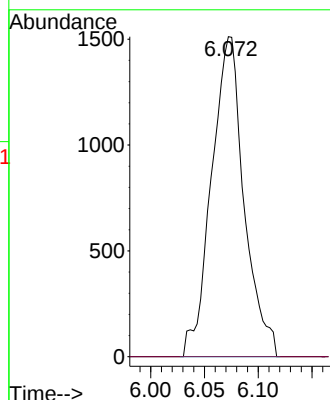
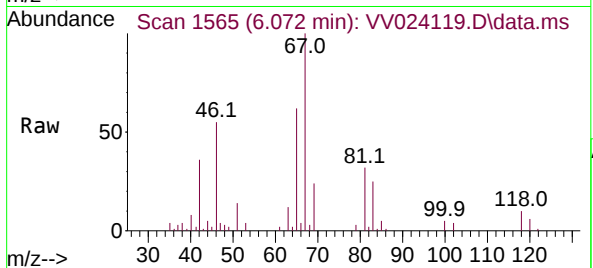
ClientSampleId :

Tgt Ion: 63 Resp: 3190

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.036 min

Lab File: VV024119.D

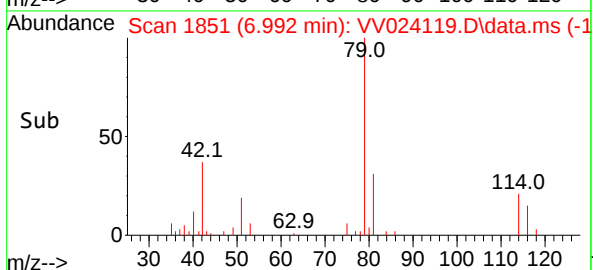
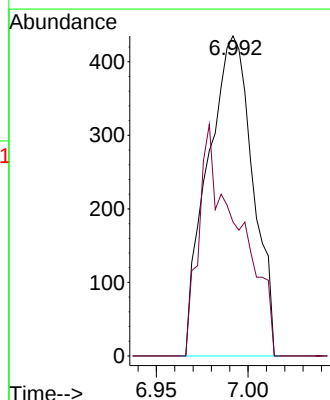
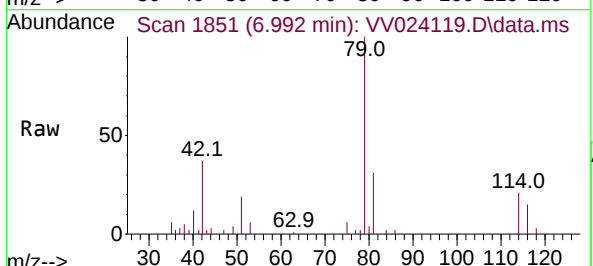
Acq: 20 Dec 2021 03:47

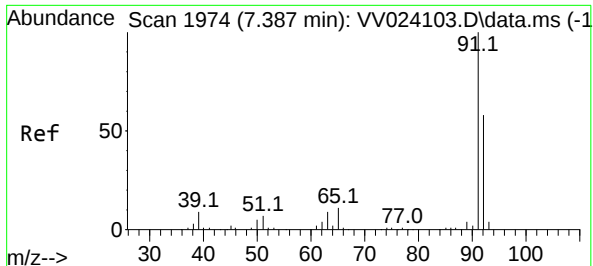
Tgt Ion: 75 Resp: 744

Ion Ratio Lower Upper

75 100

77 41.8 22.0 41.0#





#42

Toluene

Concen: 0.070 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV024119.D

Acq: 20 Dec 2021 03:47

Instrument :

MSVOA_V

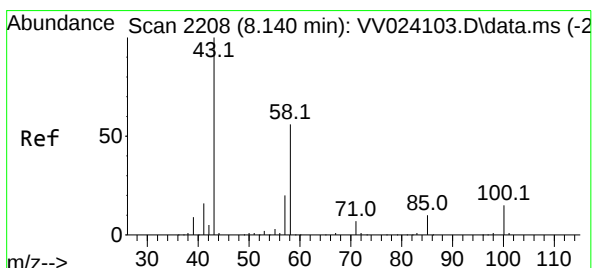
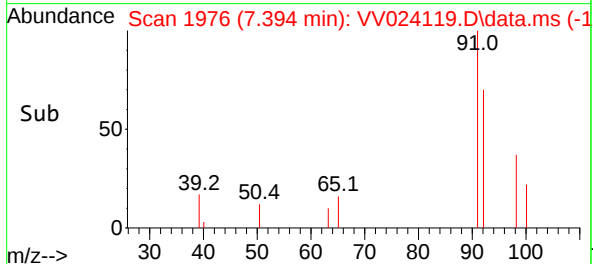
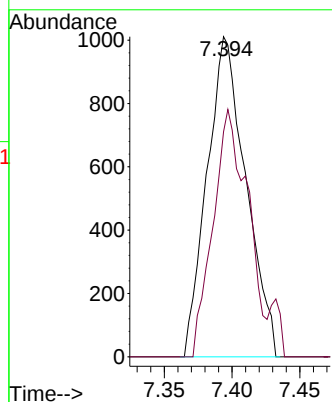
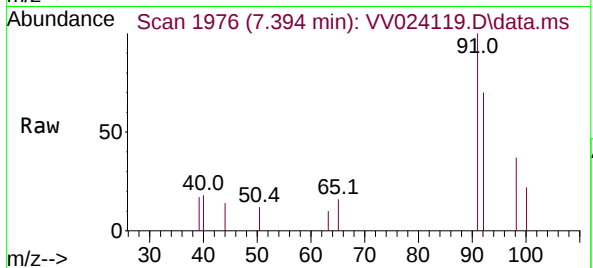
ClientSampleId :

Tgt Ion: 91 Resp: 2016

Ion Ratio Lower Upper

91 100

92 70.3 41.5 77.1



#48

2-Hexanone

Concen: 1.877 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VV024119.D

Acq: 20 Dec 2021 03:47

Tgt Ion: 43 Resp: 3963

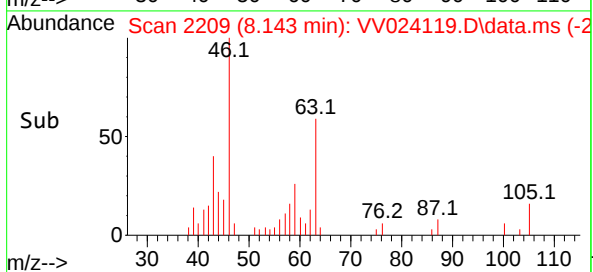
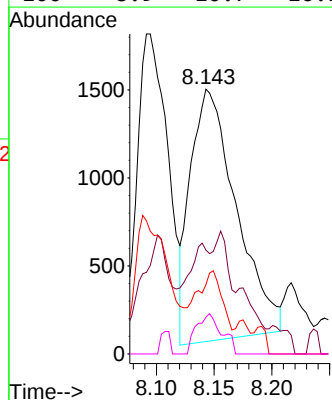
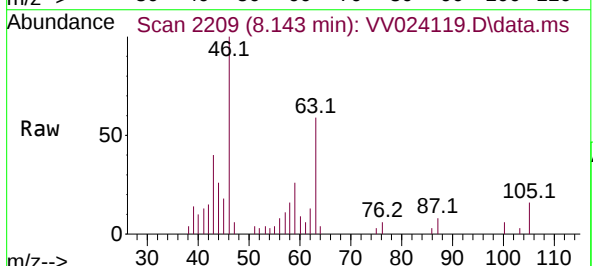
Ion Ratio Lower Upper

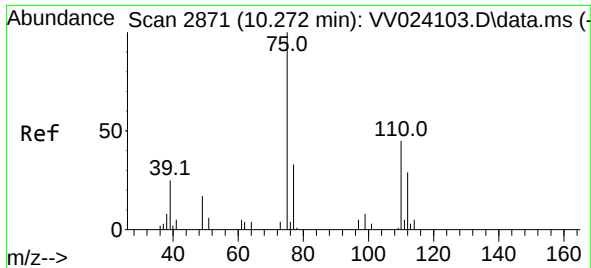
43 100

58 11.8 44.5 66.7#

57 19.7 15.1 22.7

100 8.9 10.7 16.1#





#61

1,2,3-Trichloropropane

Concen: 1.409 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

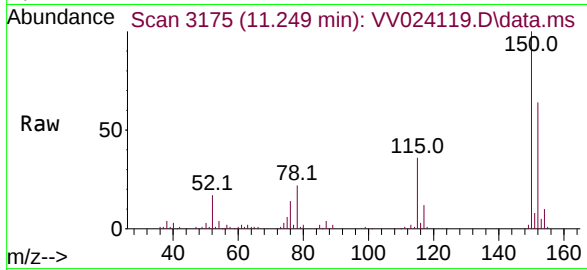
Lab File: VV024119.D

Acq: 20 Dec 2021 03:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4337

Ion Ratio Lower Upper

75 100

77 36.4 26.4 39.6

110 2.9 34.2 51.2#

