

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VW024062.D
 Acq On : 17 Dec 2021 14:17
 Operator : SY/MD
 Sample : M5090-15DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 18 01:45:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 18 01:42:59 2021
 Response via : Initial Calibration

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

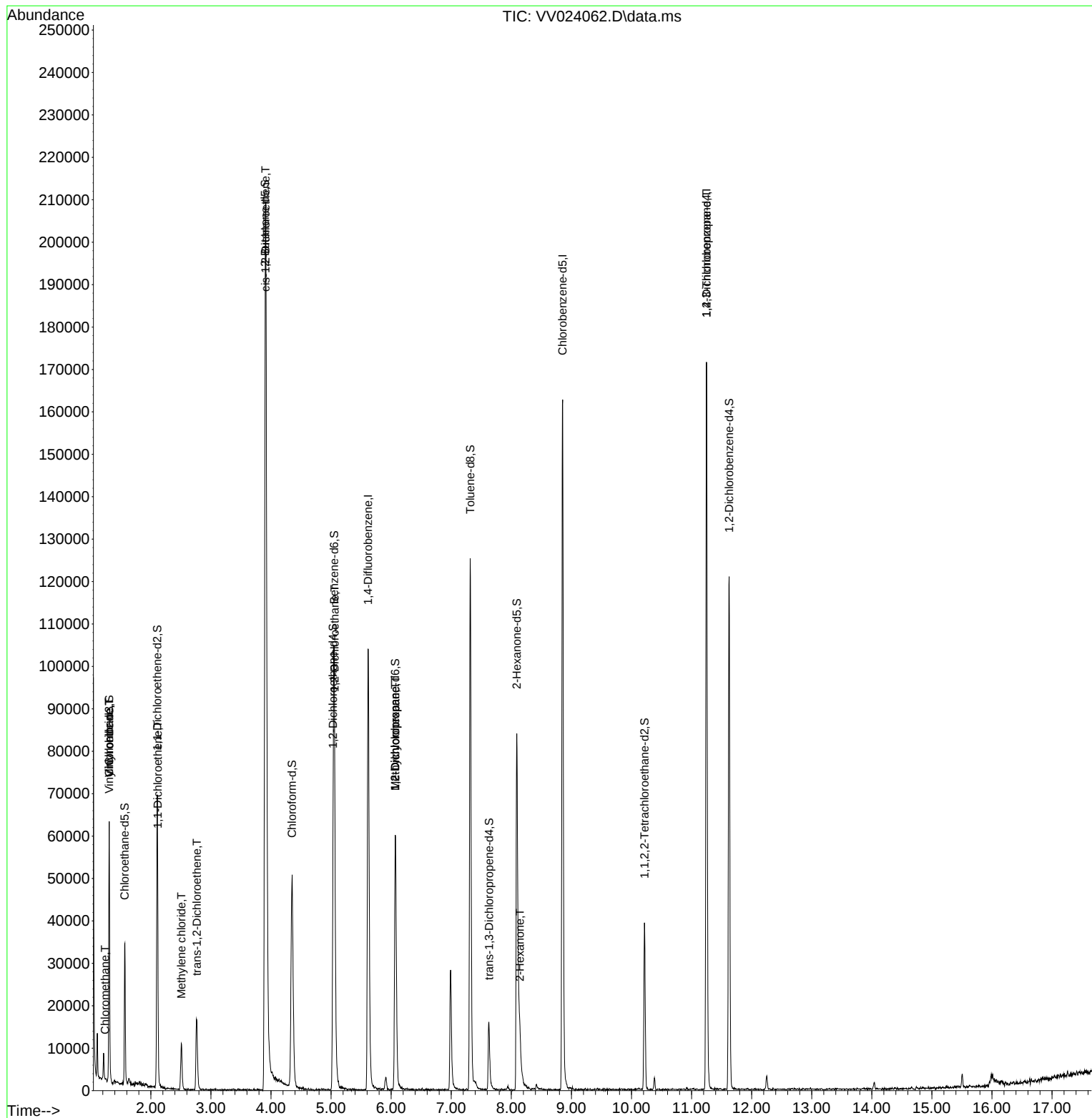
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	91133	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	94751	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47247	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	22346	4.561	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.565	69	19647	4.807	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.108	63	34313	3.588	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	3.902	46	30199	31.551	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.100%
24) Chloroform-d	4.349	84	52001	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.034	65	25719	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.050	84	94772	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.069	67	27991	4.944	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.317	98	84926	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	7.629	79	9862	4.199	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.092	63	34828	33.122	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.240%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	17575	3.742	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	32910	5.215	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	347	0.051	ug/L #	43
5) Vinyl chloride	1.307	62	12906	1.756	ug/L	94
8) Chloroethane	1.307	64	4675	0.977	ug/L #	65
12) 1,1-Dichloroethene	2.114	96	568	0.093	ug/L #	1
16) Methylene chloride	2.507	84	4451	0.556	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	6586	0.973	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	111705	15.591	ug/L	100
27) 1,2-Dichloroethane	5.060	62	520	0.071	ug/L #	73
35) Methylcyclohexane	6.069	83	7141	0.642	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	3539	0.555	ug/L #	84
48) 2-Hexanone	8.143	43	3920	1.767	ug/L #	66
61) 1,2,3-Trichloropropane	11.249	75	4903	1.523	ug/L #	59

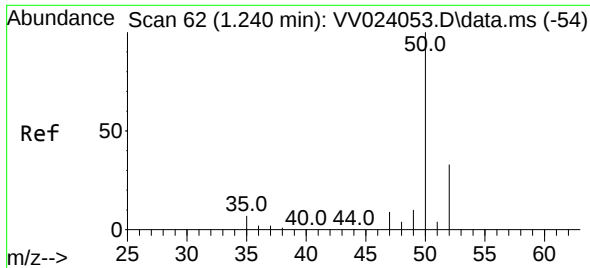
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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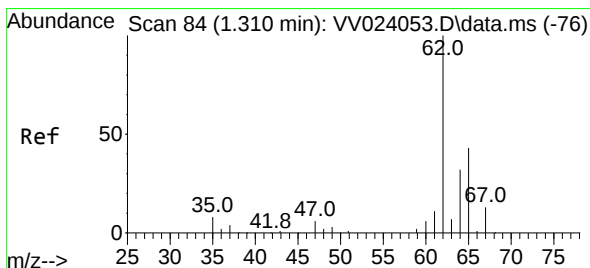
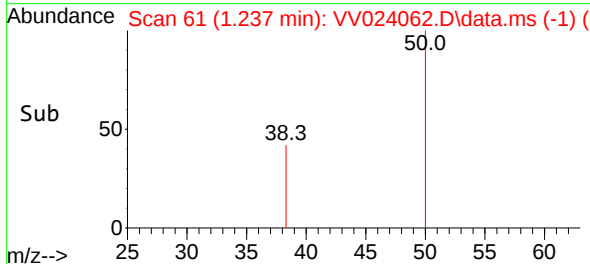
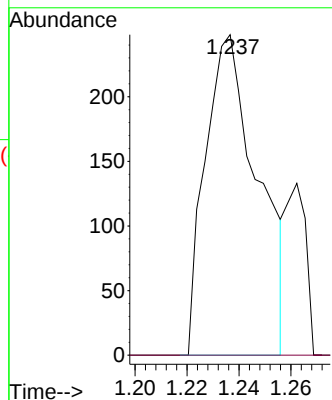
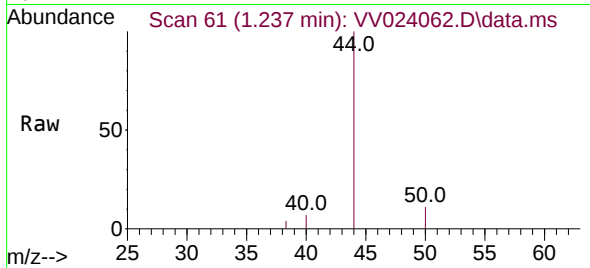




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV024062.D
Acq: 17 Dec 2021 14:17

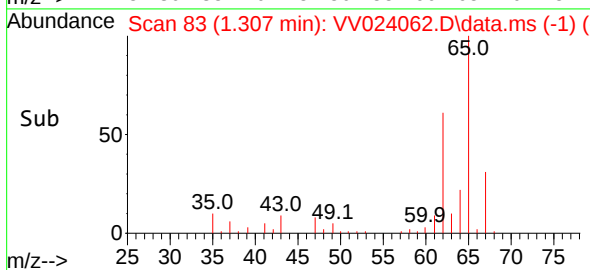
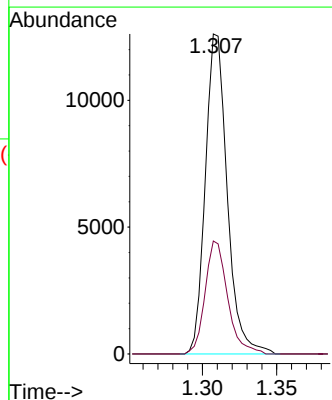
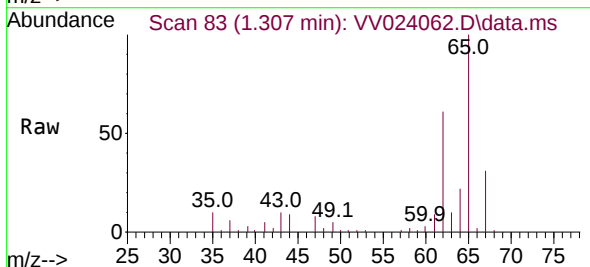
Instrument :
MSVOA_V
ClientSampleId :

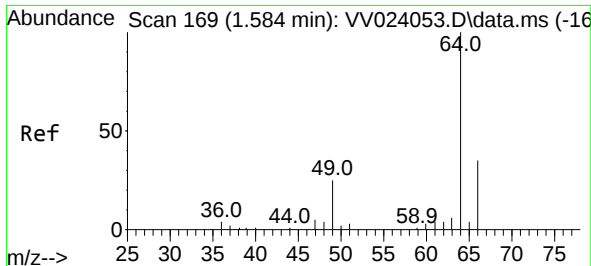
Tgt Ion: 50 Resp: 347
Ion Ratio Lower Upper
50 100
52 0.0 22.0 41.0#



#5
Vinyl chloride
Concen: 1.756 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.003 min
Lab File: VV024062.D
Acq: 17 Dec 2021 14:17

Tgt Ion: 62 Resp: 12906
Ion Ratio Lower Upper
62 100
64 35.3 22.4 41.6





#8

Chloroethane

Concen: 0.977 ug/L

RT: 1.307 min Scan# 81

Delta R.T. -0.276 min

Lab File: VV024062.D

Acq: 17 Dec 2021 14:17

Instrument :

MSVOA_V

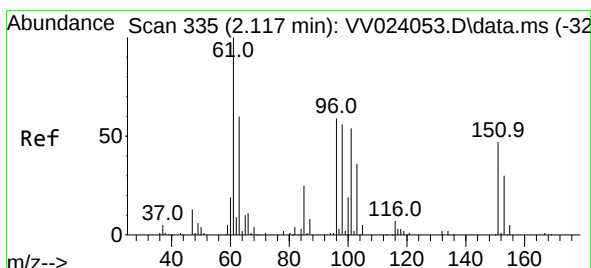
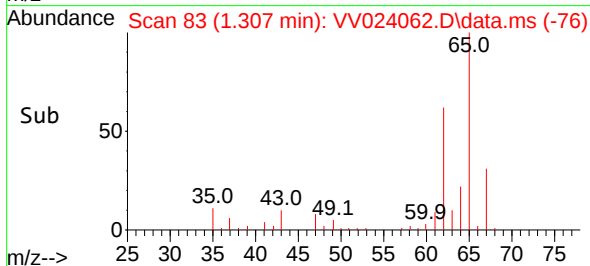
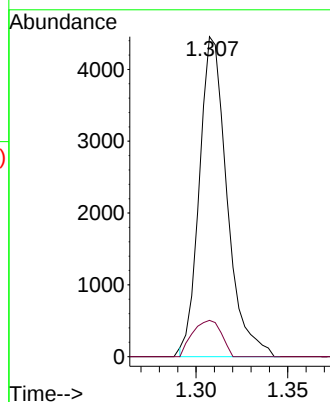
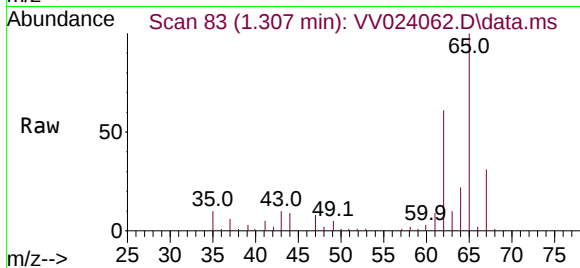
ClientSampleId :

Tgt Ion: 64 Resp: 4675

Ion Ratio Lower Upper

64 100

66 11.3 21.4 39.8#



#12

1,1-Dichloroethene

Concen: 0.093 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV024062.D

Acq: 17 Dec 2021 14:17

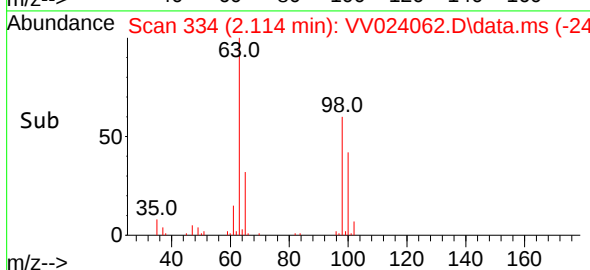
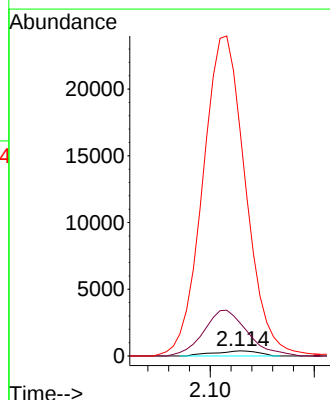
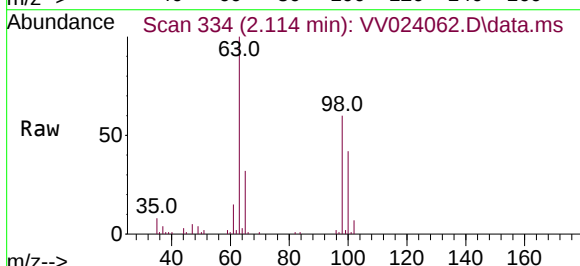
Tgt Ion: 96 Resp: 568

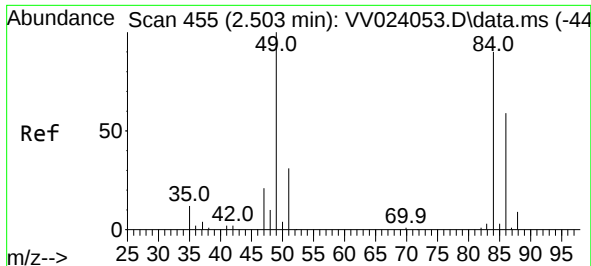
Ion Ratio Lower Upper

96 100

61 650.3 116.1 215.5#

63 4456.8 79.4 147.4#

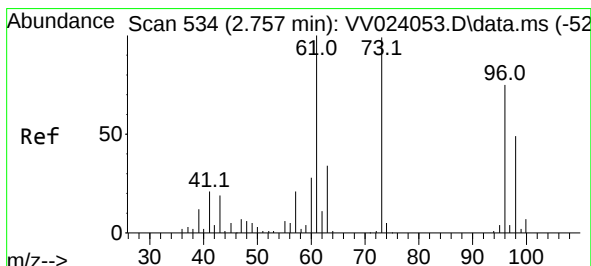
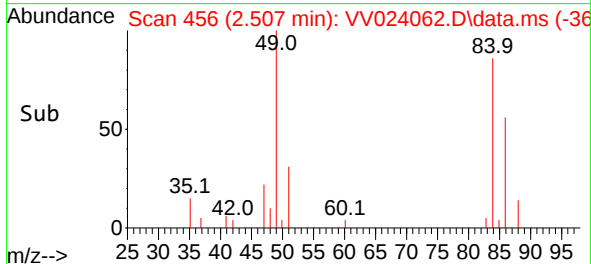
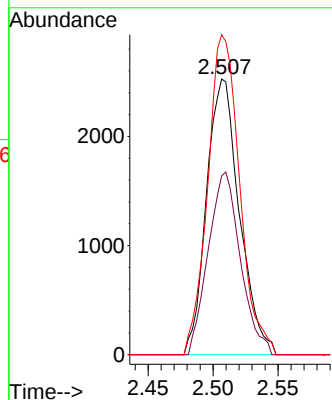
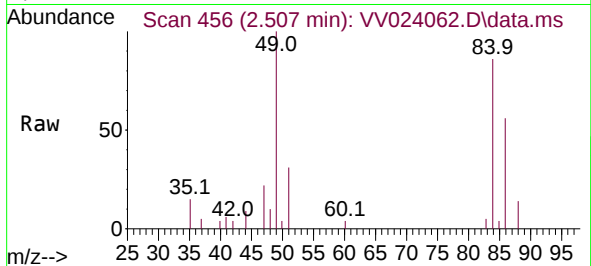




#16
Methylene chloride
Concen: 0.556 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV024062.D
Acq: 17 Dec 2021 14:17

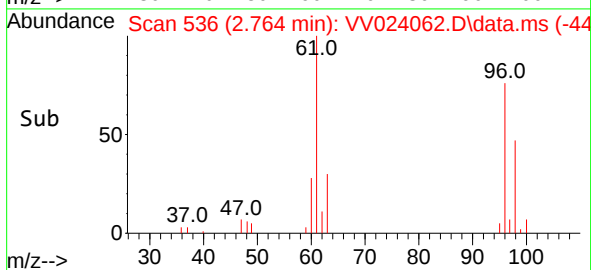
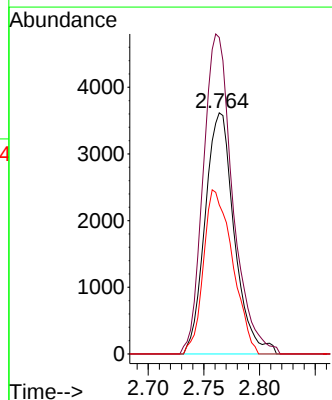
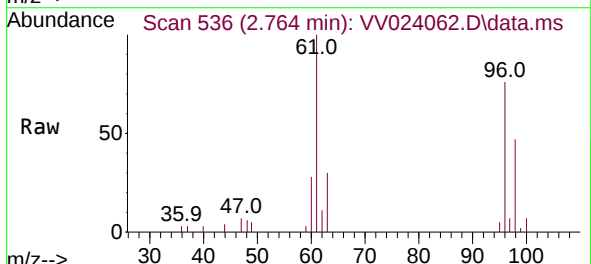
Instrument :
MSVOA_V
ClientSampleId :

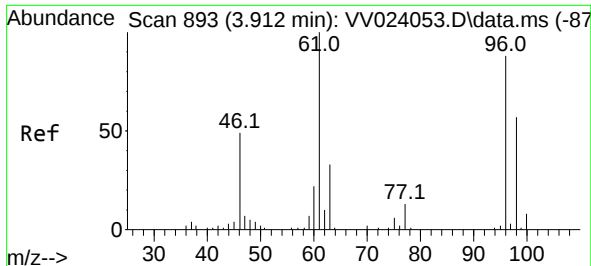
Tgt Ion: 84 Resp: 4451
Ion Ratio Lower Upper
84 100
86 64.8 42.6 79.0
49 116.1 79.7 147.9



#18
trans-1,2-Dichloroethene
Concen: 0.973 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV024062.D
Acq: 17 Dec 2021 14:17

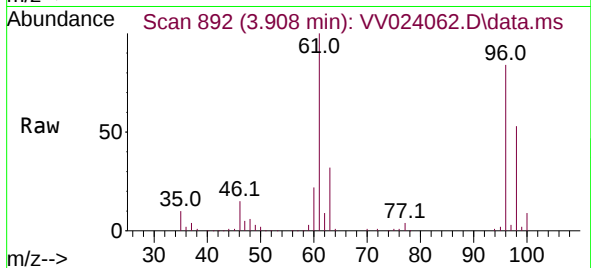
Tgt Ion: 96 Resp: 6586
Ion Ratio Lower Upper
96 100
61 131.3 88.2 163.8
98 61.9 44.9 83.5



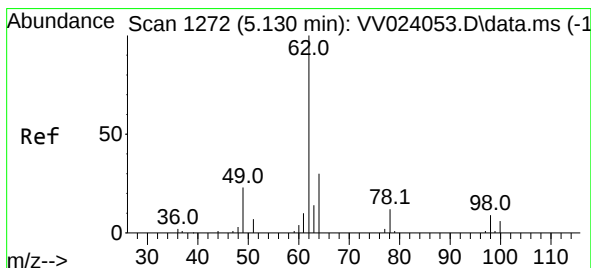
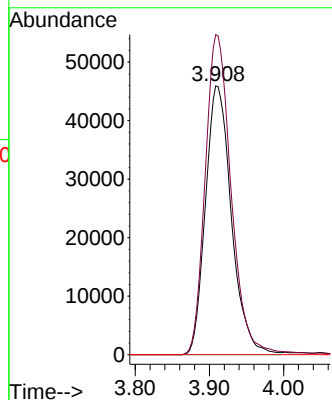
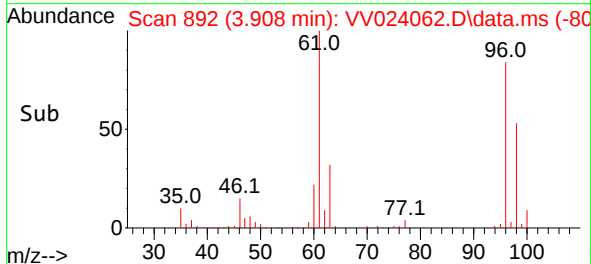


#22
 cis-1,2-Dichloroethene
 Concen: 15.591 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV024062.D
 Acq: 17 Dec 2021 14:17

Instrument :
 MSVOA_V
 ClientSampleId :

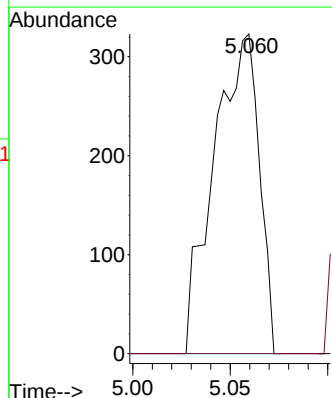
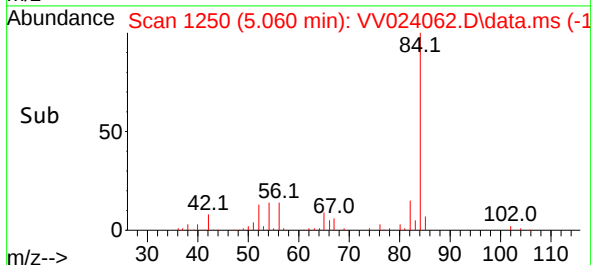
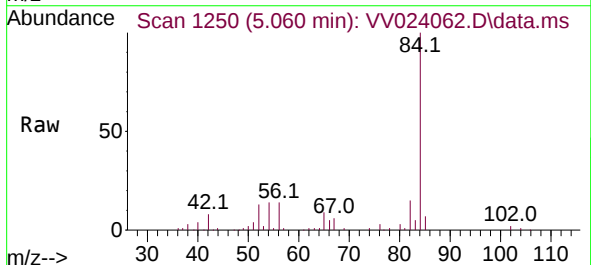


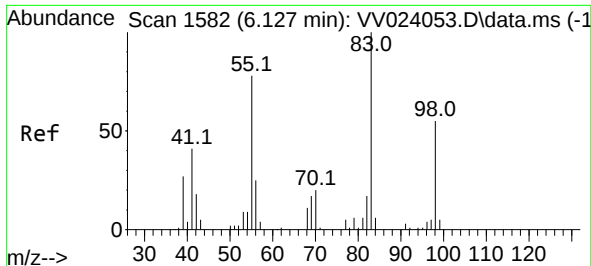
Tgt Ion: 96 Resp: 111705
 Ion Ratio Lower Upper
 96 100
 61 119.0 83.4 154.8
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.071 ug/L
 RT: 5.060 min Scan# 1250
 Delta R.T. -0.071 min
 Lab File: VV024062.D
 Acq: 17 Dec 2021 14:17

Tgt Ion: 62 Resp: 520
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.1 12.1#

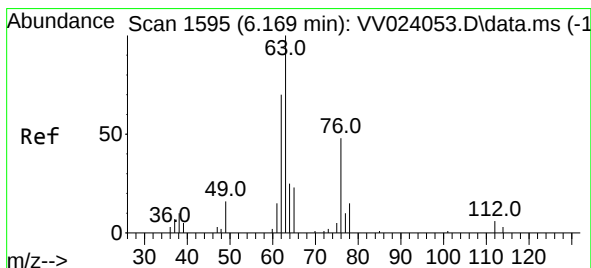
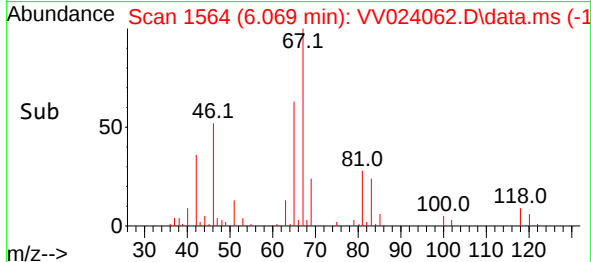
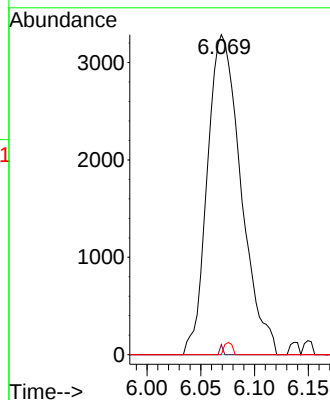
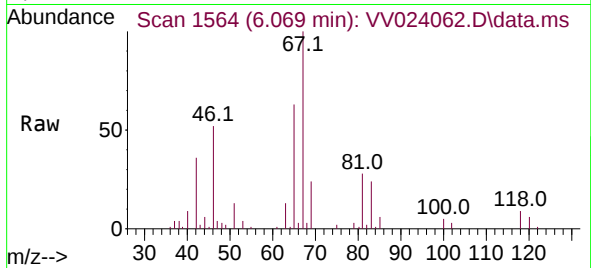




#35
Methylcyclohexane
Concen: 0.642 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024062.D
Acq: 17 Dec 2021 14:17

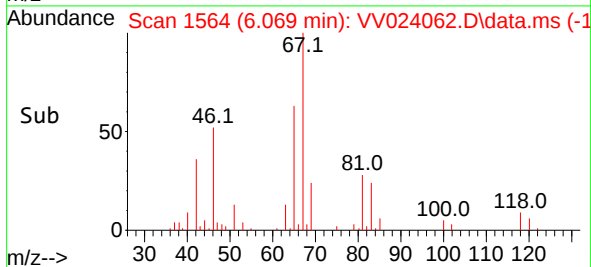
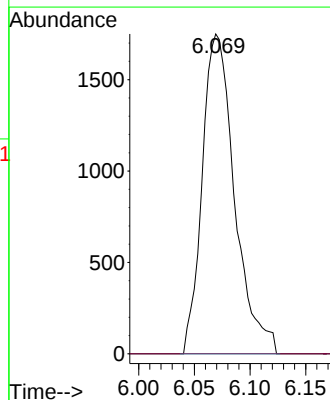
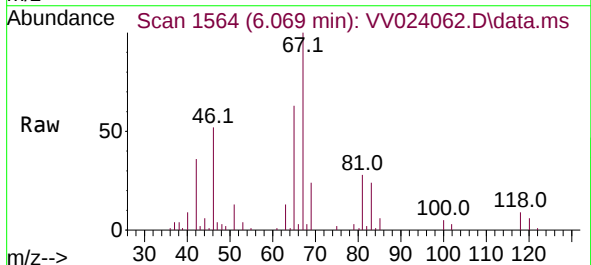
Instrument :
MSVOA_V
ClientSampleId :

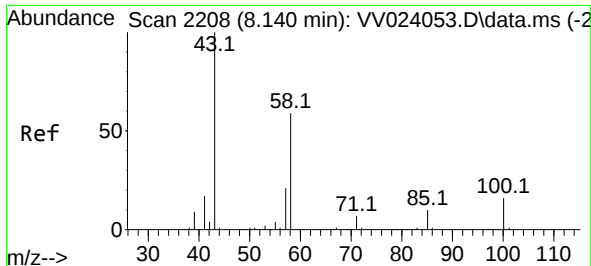
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.2	90.2#
98	0.9	41.0	61.4#



#37
1,2-Dichloropropane
Concen: 0.555 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV024062.D
Acq: 17 Dec 2021 14:17

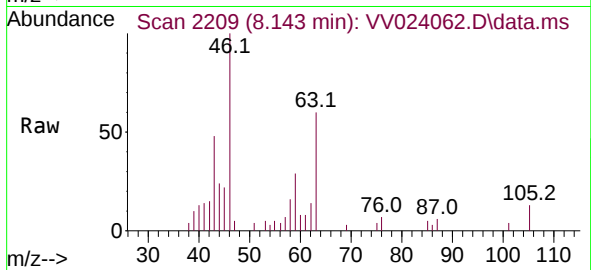
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#



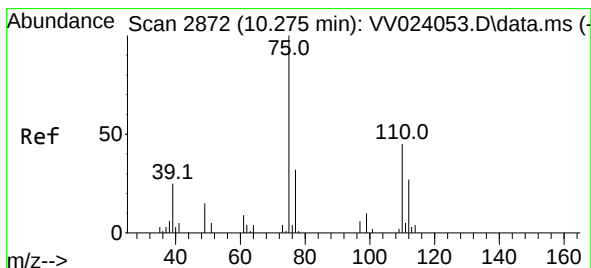
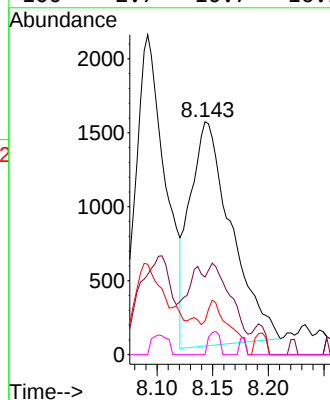
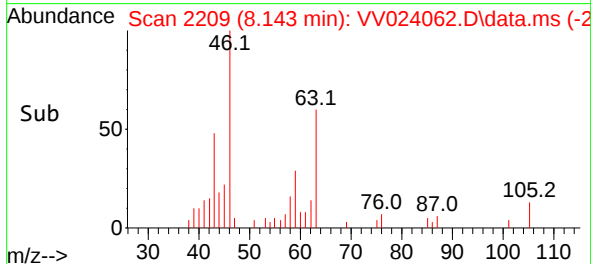


#48
2-Hexanone
Concen: 1.767 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024062.D
Acq: 17 Dec 2021 14:17

Instrument :
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Tgt Ion: 43 Resp: 3920
Ion Ratio Lower Upper
43 100
58 24.1 44.5 66.7#
57 13.4 15.1 22.7#
100 2.7 10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 1.523 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV024062.D
Acq: 17 Dec 2021 14:17

Tgt Ion: 75 Resp: 4903
Ion Ratio Lower Upper
75 100
77 39.9 26.4 39.6#
110 2.4 34.2 51.2#

