

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122821\
 Data File : VW024226.D
 Acq On : 28 Dec 2021 18:22
 Operator : SY/MD
 Sample : M5193-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J13

Quant Time: Dec 29 05:07:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 04:43:10 2021
 Response via : Initial Calibration

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

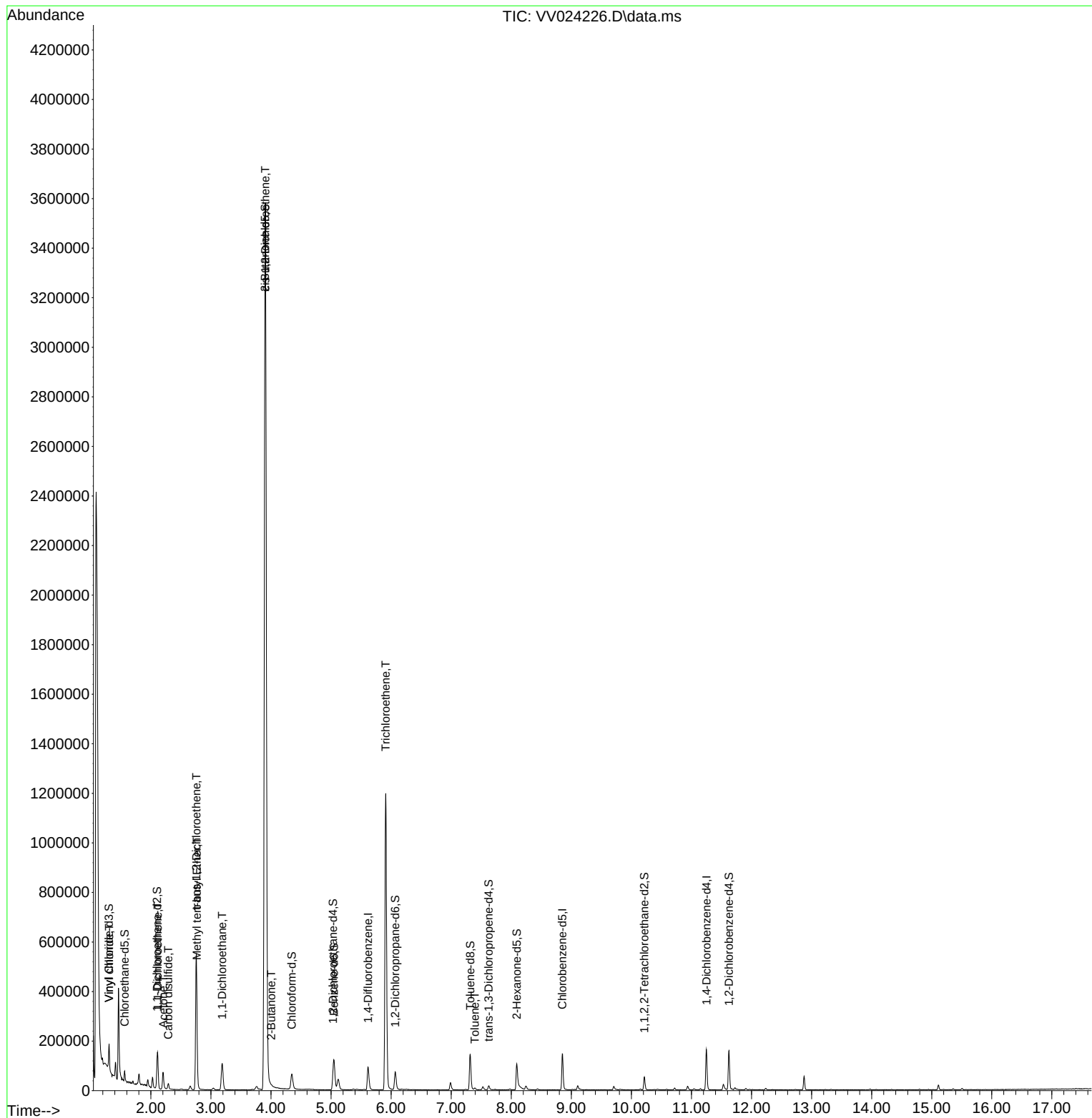
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	82575	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	84691	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	45510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	24745	3.984	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.564	69	23844	4.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.104	63	53617	3.552	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.902	46	41826	60.625	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.240%
24) Chloroform-d	4.346	84	62161	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.034	65	29028	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.050	84	109964	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.069	67	31440	5.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.316	98	97835	4.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.625	79	10219	3.852	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.091	63	45026	50.481	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.960%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23152	5.413	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	41753	5.278	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
5) Vinyl chloride	1.307	62	34788	2.357	ug/L #	23
12) 1,1-Dichloroethene	2.114	96	28603	2.523	ug/L	95
13) Acetone	2.204	43	15391	15.719	ug/L	76
14) Carbon disulfide	2.291	76	26503	0.723	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	1525	0.067	ug/L #	21
18) trans-1,2-Dichloroethene	2.757	96	204715	17.001	ug/L	97
19) 1,1-Dichloroethane	3.185	63	102082	5.093	ug/L	99
21) 2-Butanone	4.005	43	15637	12.138	ug/L	86
22) cis-1,2-Dichloroethene	3.905	96	1985836	166.655	ug/L	100
34) Trichloroethene	5.908	95	381669	30.443	ug/L	98
42) Toluene	7.394	91	5294	0.107	ug/L	90

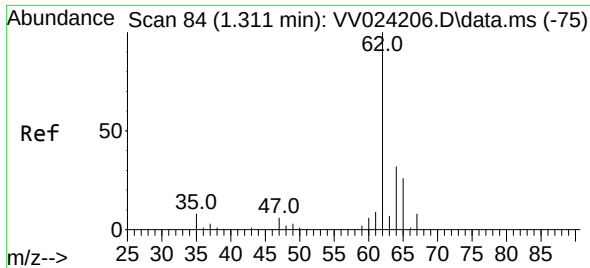
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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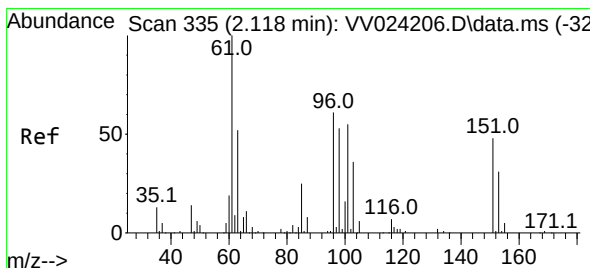
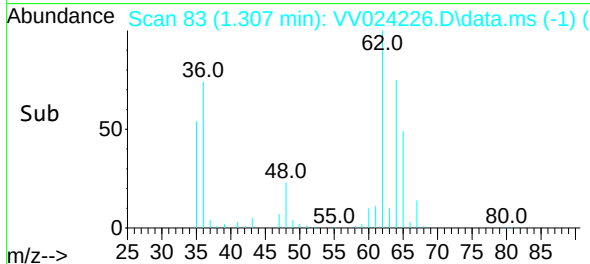
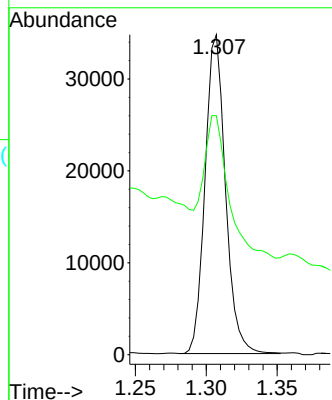
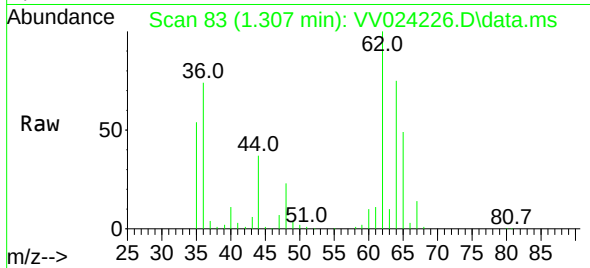




#5
 Vinyl chloride
 Concen: 2.357 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV024226.D
 Acq: 28 Dec 2021 18:22

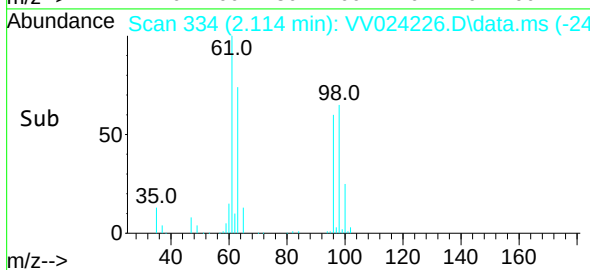
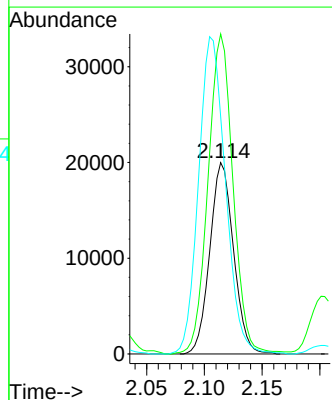
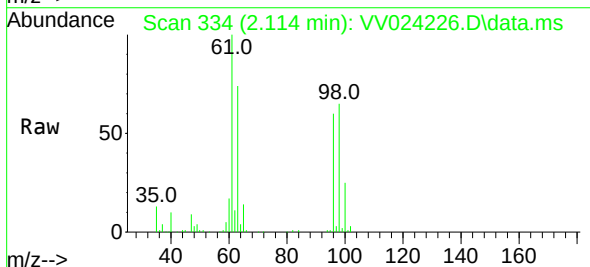
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J13

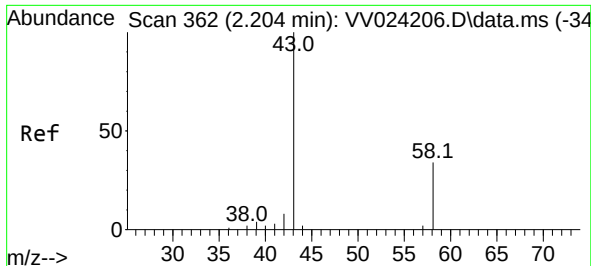
Tgt Ion: 62 Resp: 34788
 Ion Ratio Lower Upper
 62 100
 64 74.7 22.4 41.6#



#12
 1,1-Dichloroethene
 Concen: 2.523 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV024226.D
 Acq: 28 Dec 2021 18:22

Tgt Ion: 96 Resp: 28603
 Ion Ratio Lower Upper
 96 100
 61 167.3 116.1 215.5
 63 124.0 79.4 147.4





#13

Acetone

Concen: 15.719 ug/L

RT: 2.204 min Scan# 3

Delta R.T. -0.007 min

Lab File: VV024226.D

Acq: 28 Dec 2021 18:22

Instrument :

MSVOA_V

ClientSampleId :

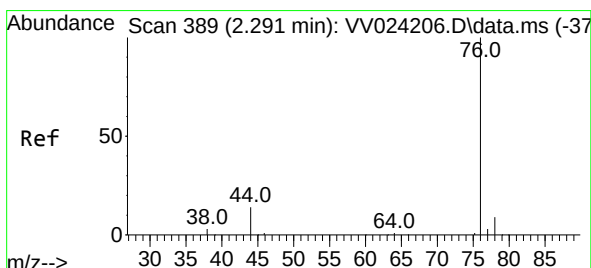
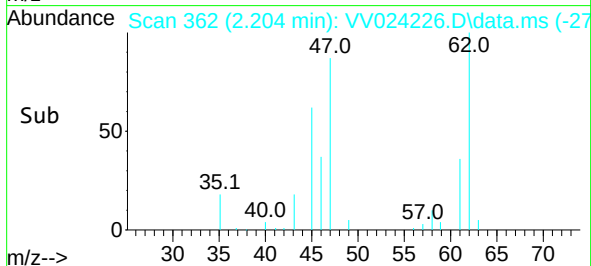
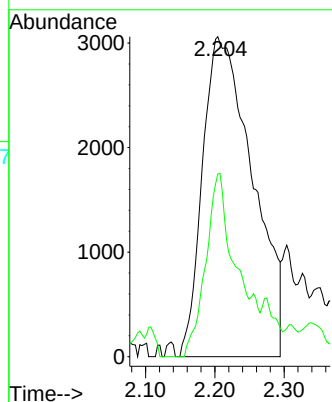
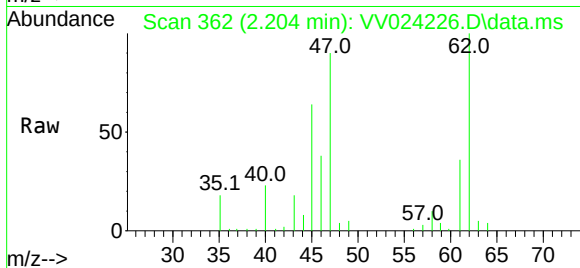
C0J13

Tgt Ion: 43 Resp: 15391

Ion Ratio Lower Upper

43 100

58 32.0 0.0 41.4



#14

Carbon disulfide

Concen: 0.723 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV024226.D

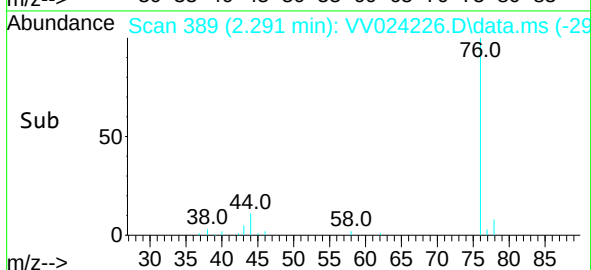
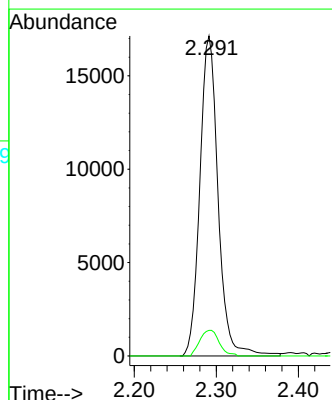
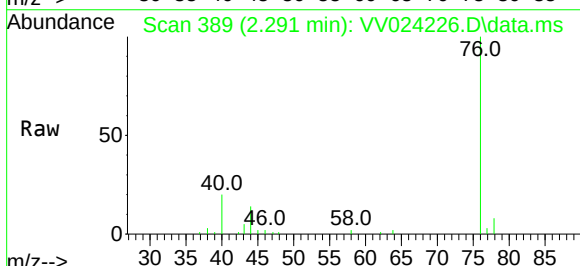
Acq: 28 Dec 2021 18:22

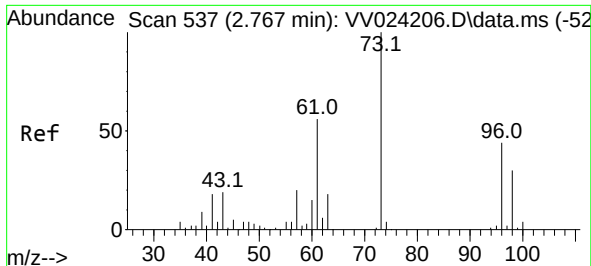
Tgt Ion: 76 Resp: 26503

Ion Ratio Lower Upper

76 100

78 8.0 7.5 11.3

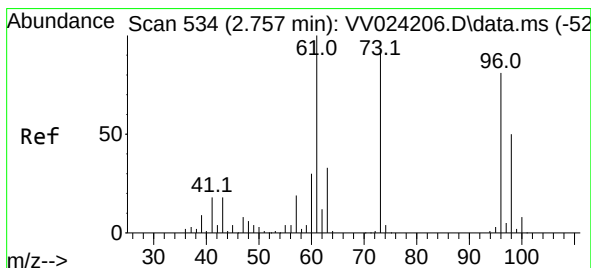
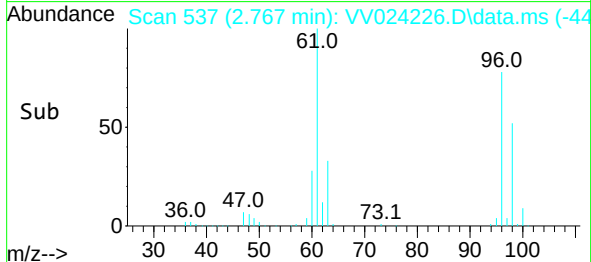
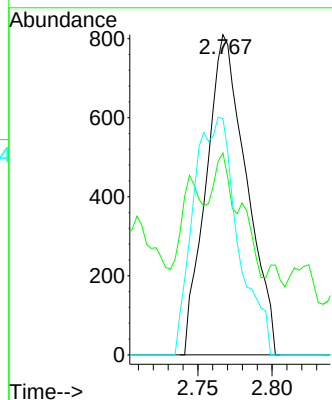
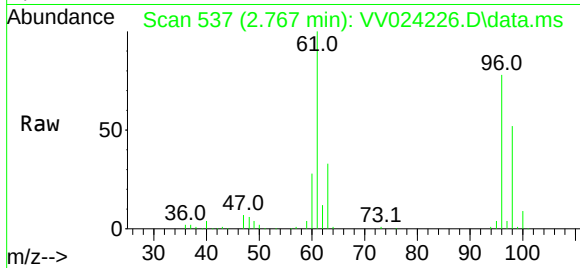




#17
Methyl tert-butyl Ether
Concen: 0.067 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024226.D
Acq: 28 Dec 2021 18:22

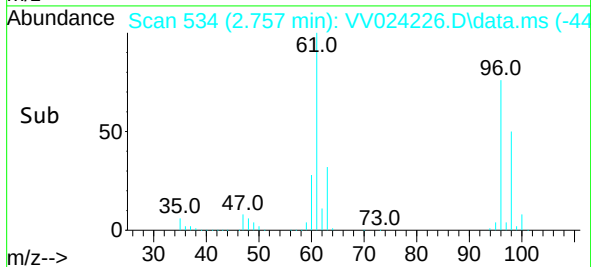
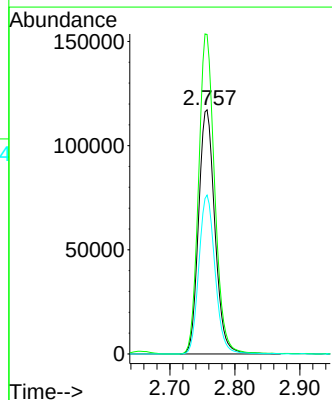
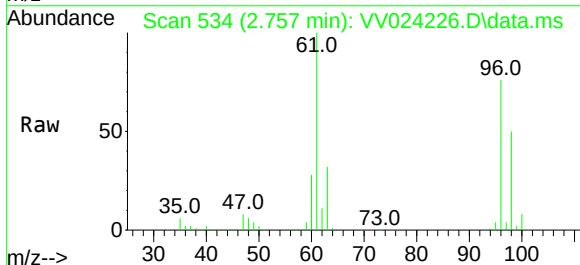
Instrument :
MSVOA_V
ClientSampleId :
C0J13

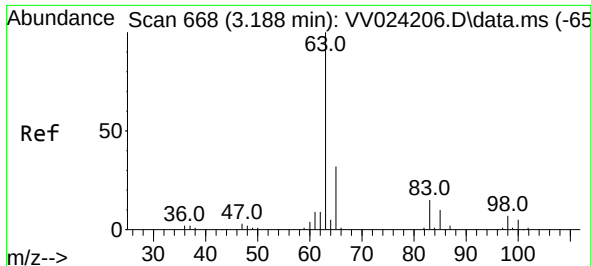
Tgt Ion: 73 Resp: 1525
Ion Ratio Lower Upper
73 100
43 29.9 15.5 23.3#
57 82.1 17.1 25.7#



#18
trans-1,2-Dichloroethene
Concen: 17.001 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV024226.D
Acq: 28 Dec 2021 18:22

Tgt Ion: 96 Resp: 204715
Ion Ratio Lower Upper
96 100
61 130.9 88.2 163.8
98 65.0 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.093 ug/L

RT: 3.185 min Scan# 668

Delta R.T. -0.007 min

Lab File: VV024226.D

Acq: 28 Dec 2021 18:22

Instrument :

MSVOA_V

ClientSampleId :

C0J13

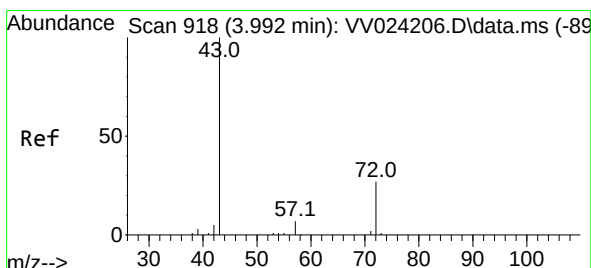
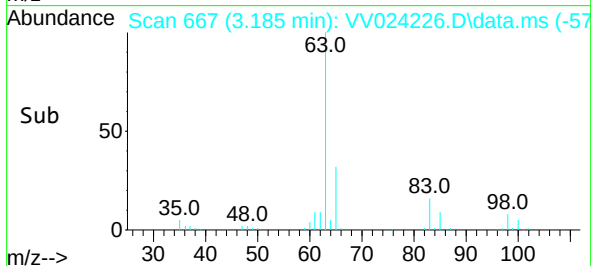
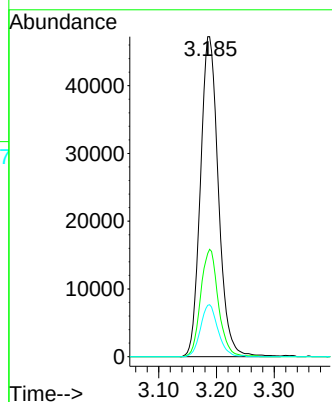
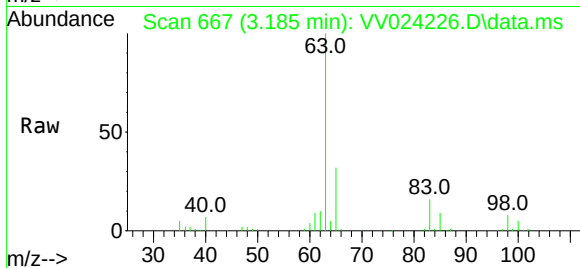
Tgt Ion: 63 Resp: 102082

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.3

83 16.0 10.7 19.9



#21

2-Butanone

Concen: 12.138 ug/L

RT: 4.005 min Scan# 922

Delta R.T. 0.010 min

Lab File: VV024226.D

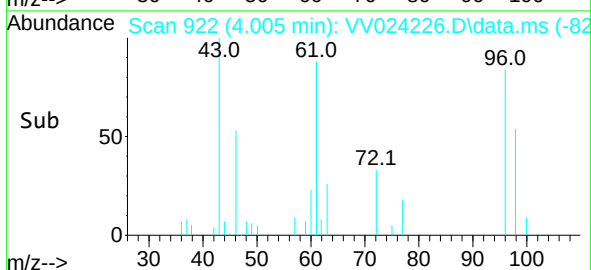
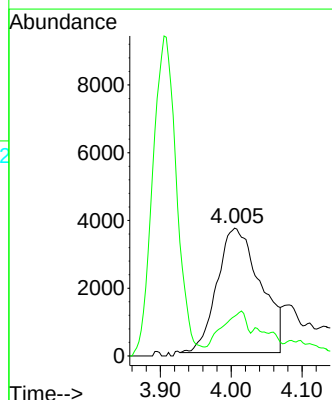
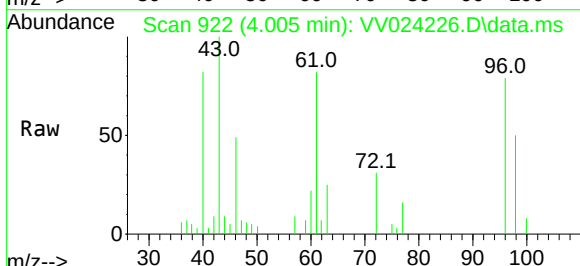
Acq: 28 Dec 2021 18:22

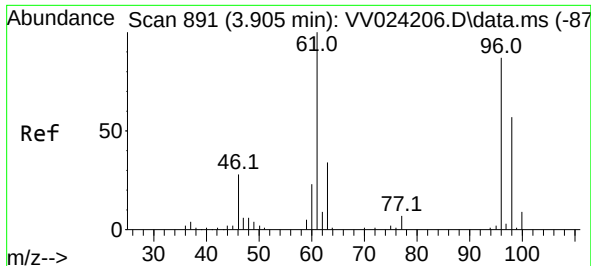
Tgt Ion: 43 Resp: 15637

Ion Ratio Lower Upper

43 100

72 15.6 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 166.655 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.007 min

Lab File: VV024226.D

Acq: 28 Dec 2021 18:22

Instrument :

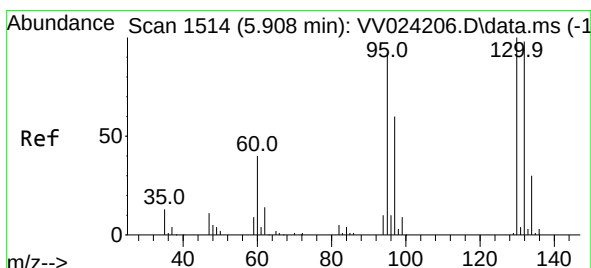
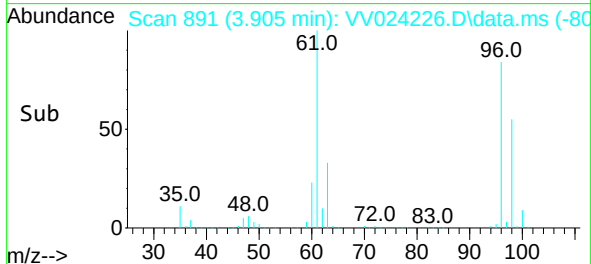
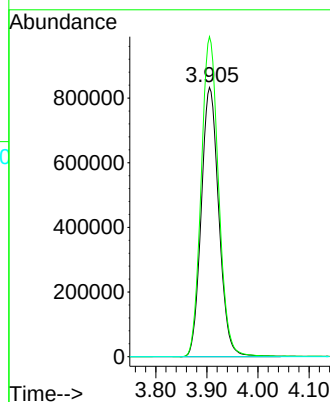
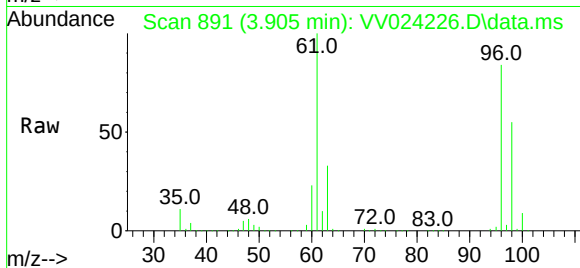
MSVOA_V

ClientSampleId :

C0J13

Tgt Ion: 96 Resp: 1985836

Ion	Ratio	Lower	Upper
96	100		
61	118.8	83.4	154.8
68	0.0	0.0	0.0



#34

Trichloroethene

Concen: 30.443 ug/L

RT: 5.908 min Scan# 1514

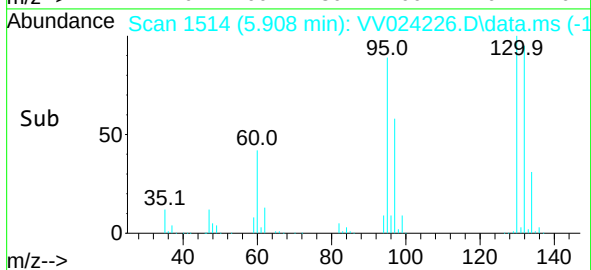
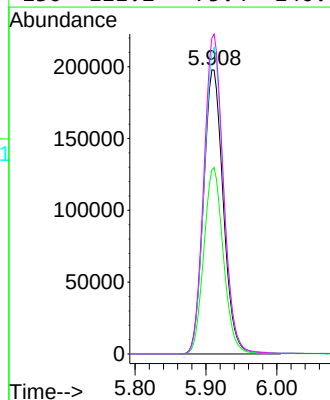
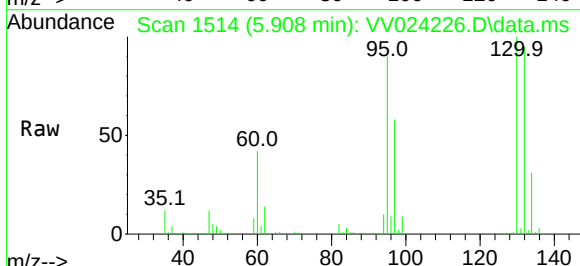
Delta R.T. -0.003 min

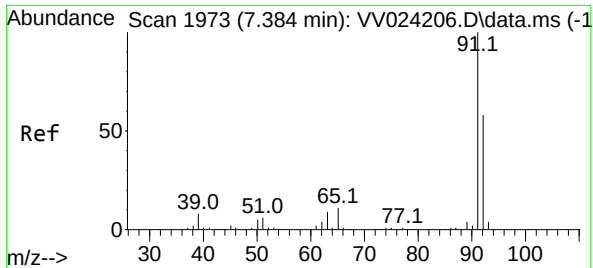
Lab File: VV024226.D

Acq: 28 Dec 2021 18:22

Tgt Ion: 95 Resp: 381669

Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.2	84.0
132	105.8	76.1	141.3
130	111.2	75.4	140.0





#42

Toluene

Concen: 0.107 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV024226.D

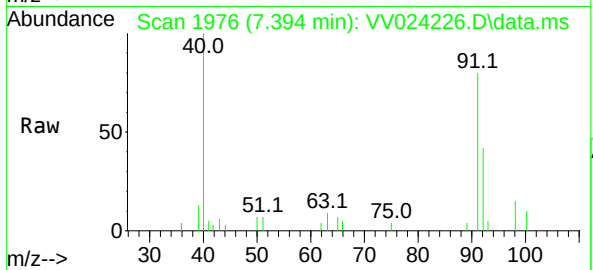
Acq: 28 Dec 2021 18:22

Instrument :

MSVOA_V

ClientSampleId :

C0J13



Tgt Ion: 91 Resp: 5294

Ion Ratio Lower Upper

91 100

92 51.9 41.5 77.1

