

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024113.D
 Acq On : 20 Dec 2021 01:25
 Operator : SY/MD
 Sample : M5148-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 04:20:33 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

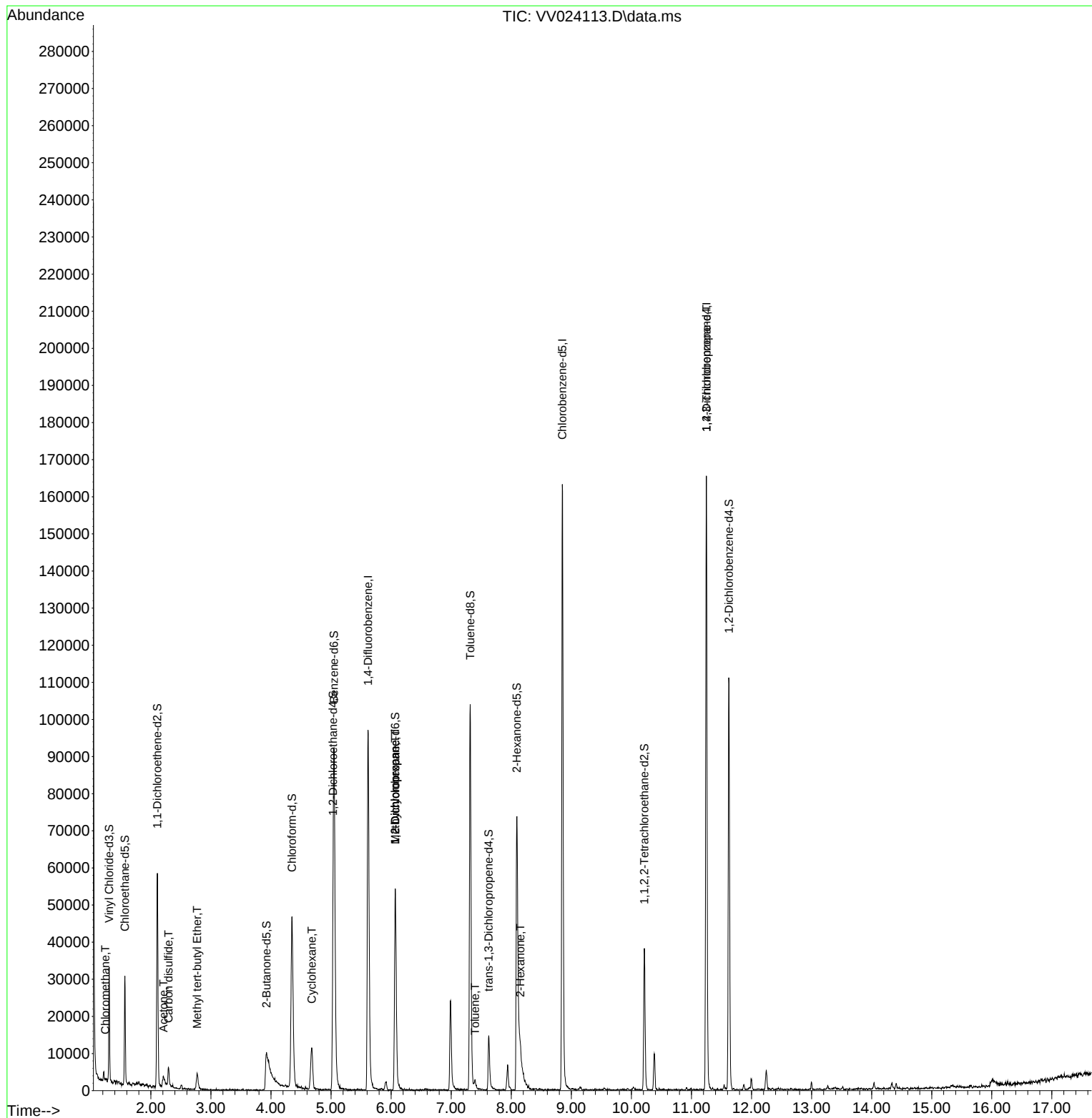
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	86473	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	91706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	44340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	17713	3.810	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.200%	
7) Chloroethane-d5	1.568	69	16816	4.336	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.800%	
11) 1,1-Dichloroethene-d2	2.108	63	29223	3.220	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.400%	
20) 2-Butanone-d5	3.928	46	22561	24.841	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	49.680%	
24) Chloroform-d	4.349	84	45990	4.368	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
26) 1,2-Dichloroethane-d4	5.034	65	23350	4.763	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.050	84	83170	4.579	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.069	67	24564	4.482	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.600%	
41) Toluene-d8	7.317	98	71122	4.349	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
43) trans-1,3-Dichloroprop...	7.625	79	8902	3.916	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.092	63	28224	27.733	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	55.460%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	17791	3.914	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	78.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	28910	4.881	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	352	0.055	ug/L #	80
13) Acetone	2.211	43	3005	4.136	ug/L	82
14) Carbon disulfide	2.294	76	5035	0.299	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	4092	0.312	ug/L #	81
30) Cyclohexane	4.677	56	5434	0.571	ug/L #	92
35) Methylcyclohexane	6.069	83	6849	0.636	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	3242	0.526	ug/L #	84
42) Toluene	7.397	91	1877	0.064	ug/L	95
48) 2-Hexanone	8.149	43	4502	2.096	ug/L #	88
61) 1,2,3-Trichloropropane	11.249	75	4514	1.494	ug/L #	61

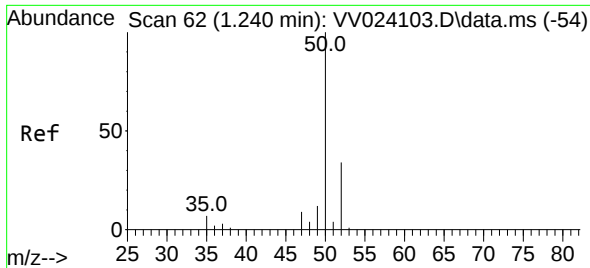
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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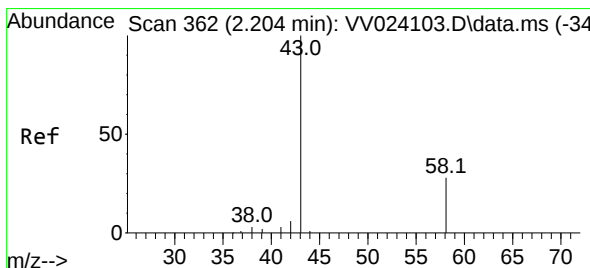
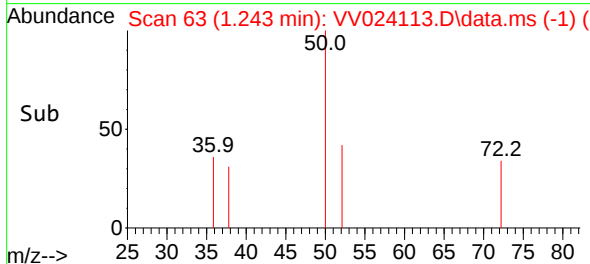
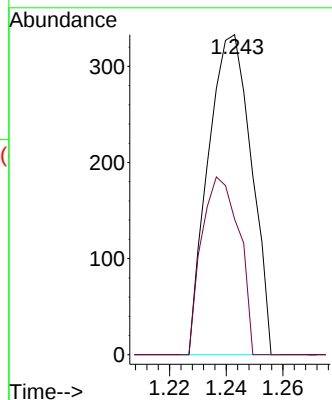
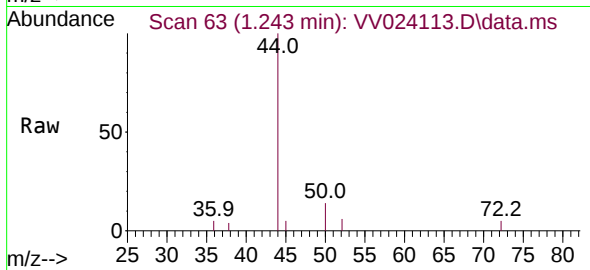




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024113.D
Acq: 20 Dec 2021 01:25

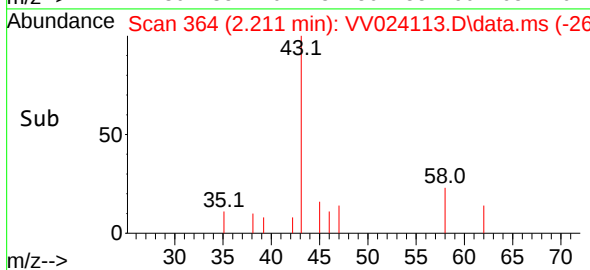
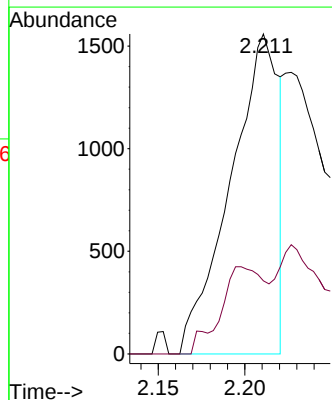
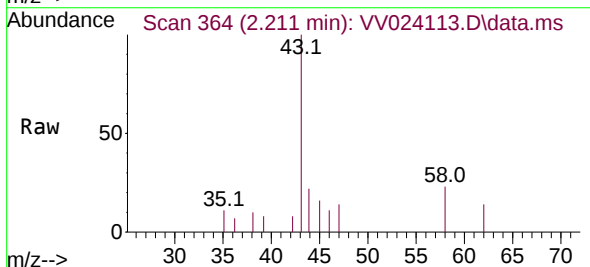
Instrument :
MSVOA_V
ClientSampleId :

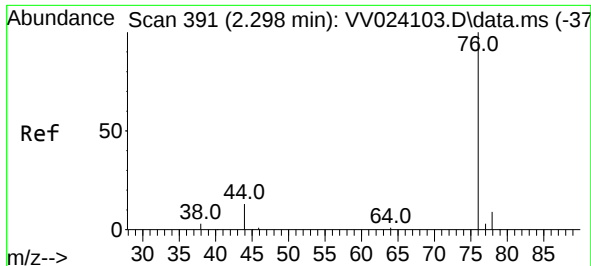
Tgt Ion: 50 Resp: 352
Ion Ratio Lower Upper
50 100
52 42.3 22.0 41.0#



#13
Acetone
Concen: 4.136 ug/L
RT: 2.211 min Scan# 364
Delta R.T. 0.006 min
Lab File: VV024113.D
Acq: 20 Dec 2021 01:25

Tgt Ion: 43 Resp: 3005
Ion Ratio Lower Upper
43 100
58 12.3 0.0 41.4

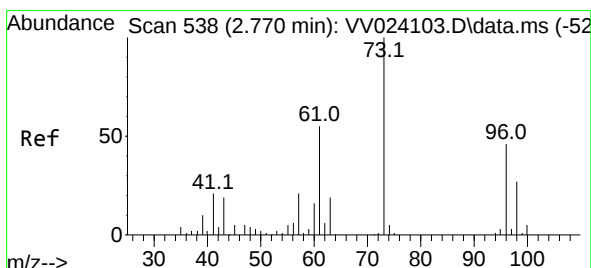
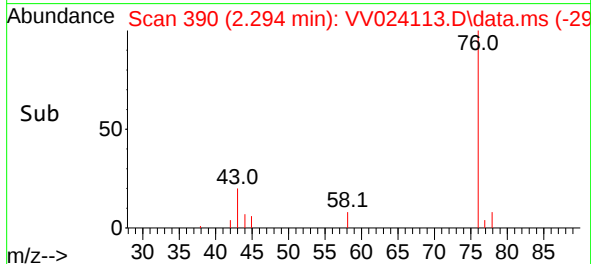
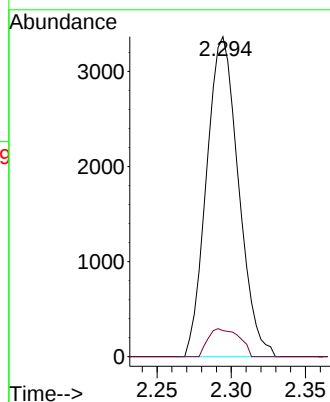
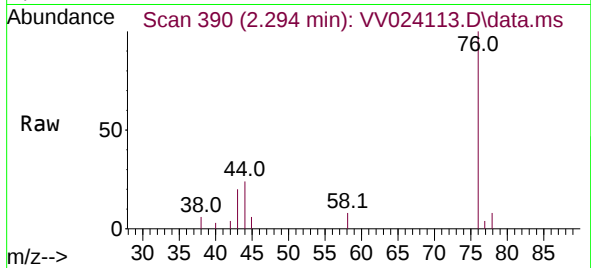




#14
Carbon disulfide
Concen: 0.299 ug/L
RT: 2.294 min Scan# 391
Delta R.T. -0.003 min
Lab File: VV024113.D
Acq: 20 Dec 2021 01:25

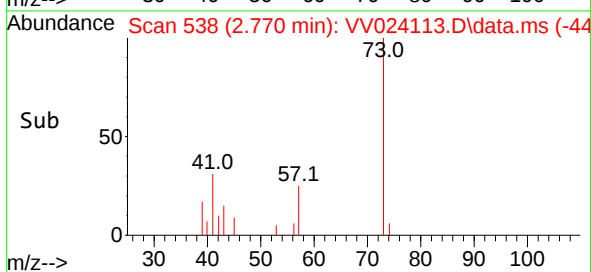
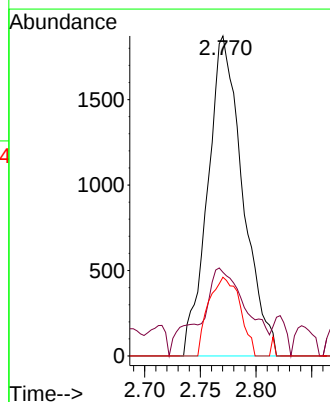
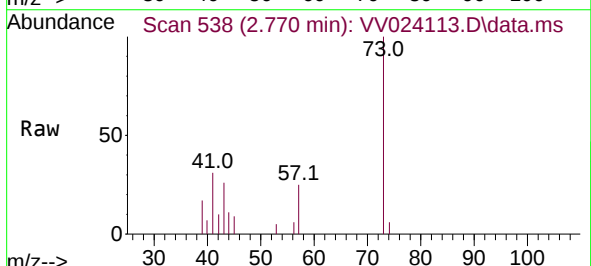
Instrument :
MSVOA_V
ClientSampleId :

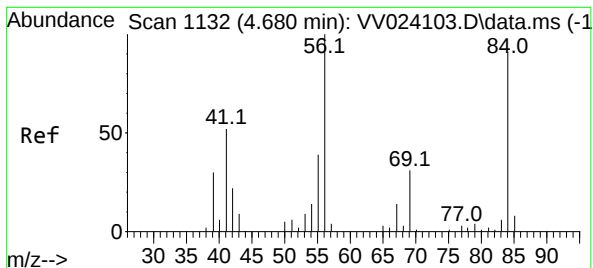
Tgt Ion: 76 Resp: 5035
Ion Ratio Lower Upper
76 100
78 8.1 7.5 11.3



#17
Methyl tert-butyl Ether
Concen: 0.312 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV024113.D
Acq: 20 Dec 2021 01:25

Tgt Ion: 73 Resp: 4092
Ion Ratio Lower Upper
73 100
43 36.6 15.5 23.3#
57 22.1 17.1 25.7





#30

Cyclohexane

Concen: 0.571 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV024113.D

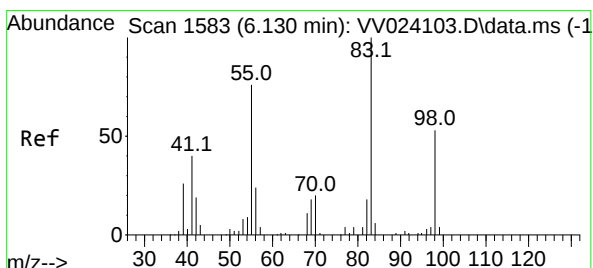
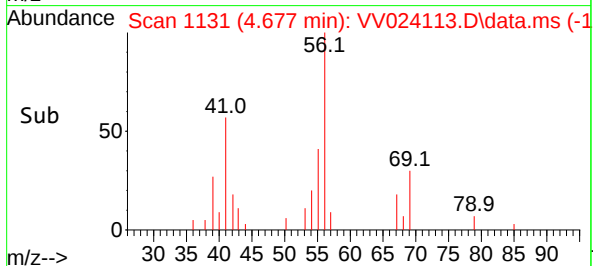
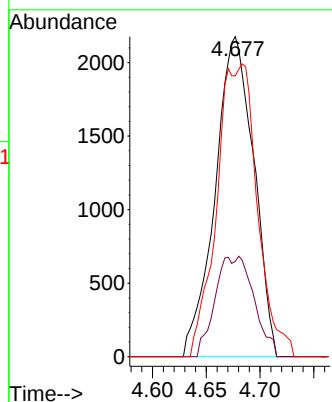
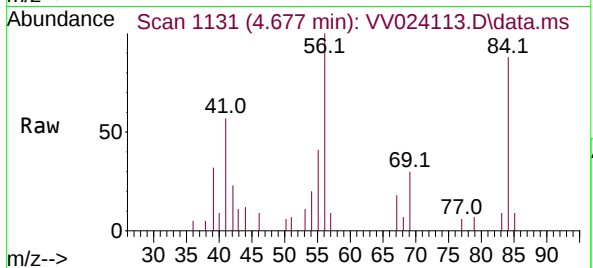
Acq: 20 Dec 2021 01:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	56	Resp:	5434
Ion	Ratio	Lower	Upper
56	100		
69	14.8	24.8	37.2#
84	95.9	75.9	113.9



#35

Methylcyclohexane

Concen: 0.636 ug/L

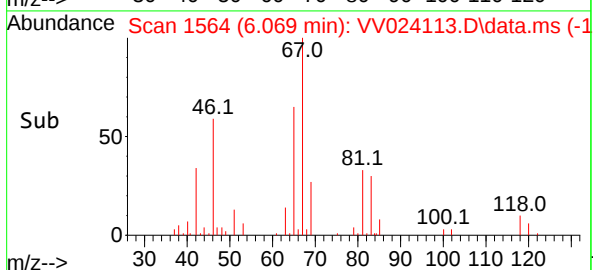
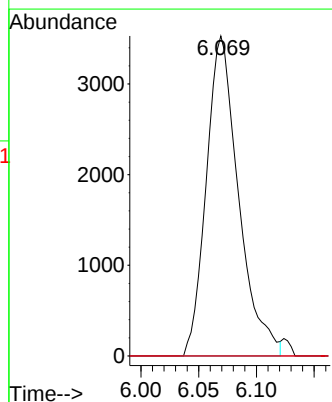
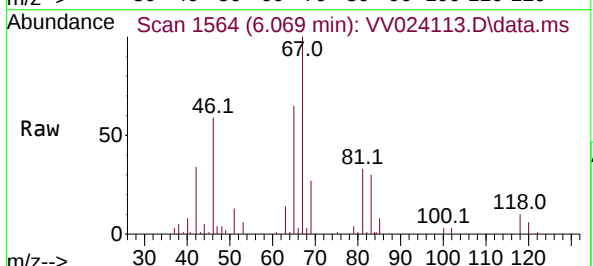
RT: 6.069 min Scan# 1564

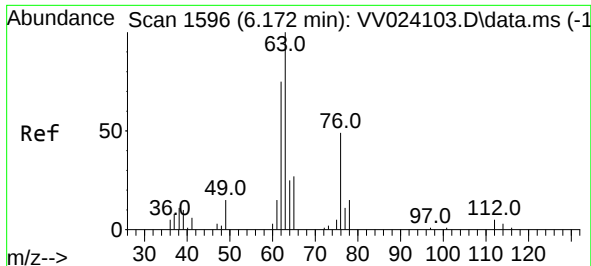
Delta R.T. -0.061 min

Lab File: VV024113.D

Acq: 20 Dec 2021 01:25

Tgt Ion:	83	Resp:	6849
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.2	90.2#
98	4.2	41.0	61.4#





#37

1,2-Dichloropropane

Concen: 0.526 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV024113.D

Acq: 20 Dec 2021 01:25

Instrument :

MSVOA_V

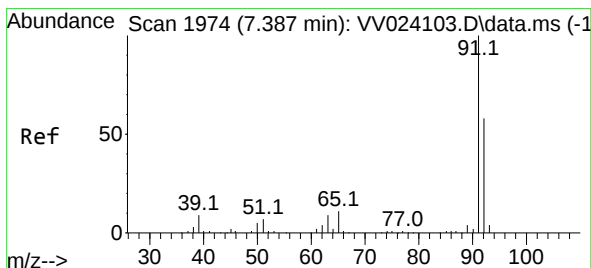
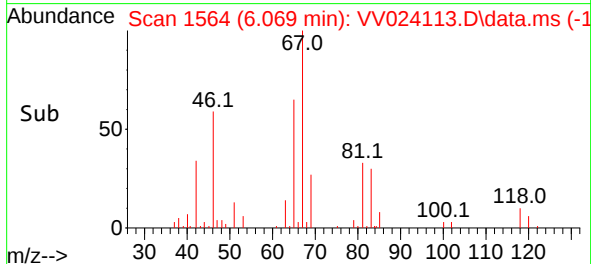
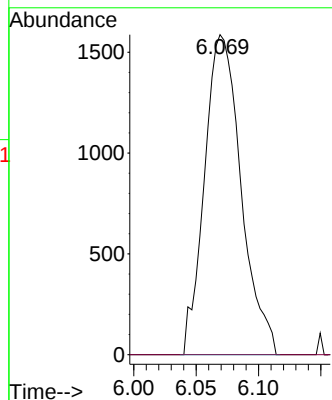
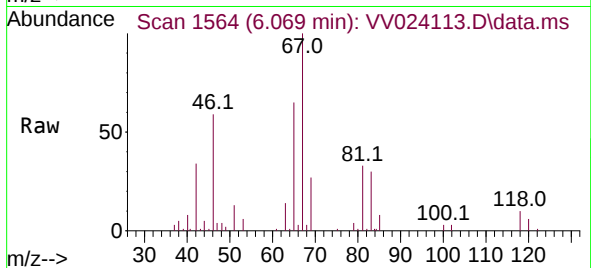
ClientSampleId :

Tgt Ion: 63 Resp: 3242

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#42

Toluene

Concen: 0.064 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV024113.D

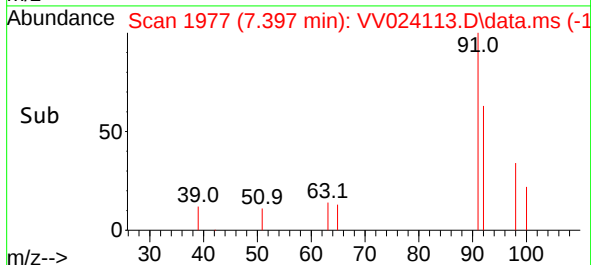
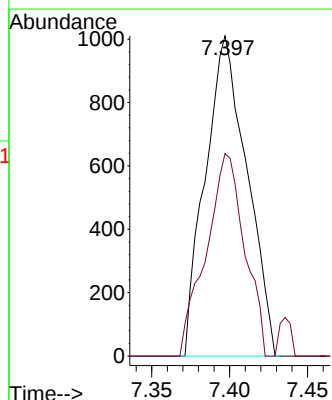
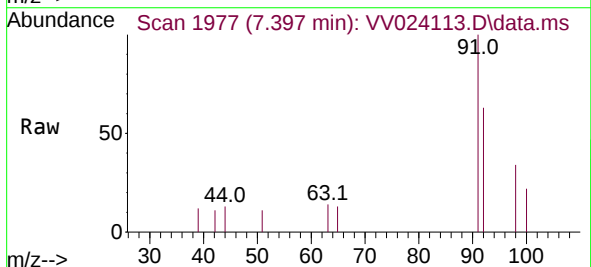
Acq: 20 Dec 2021 01:25

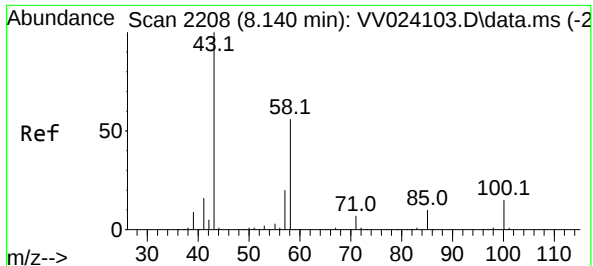
Tgt Ion: 91 Resp: 1877

Ion Ratio Lower Upper

91 100

92 63.3 41.5 77.1





#48

2-Hexanone

Concen: 2.096 ug/L

RT: 8.149 min Scan# 21

Delta R.T. 0.010 min

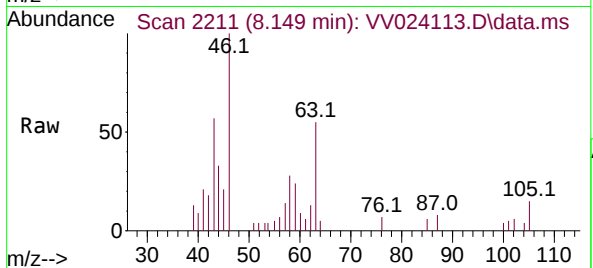
Lab File: VV024113.D

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MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 4502

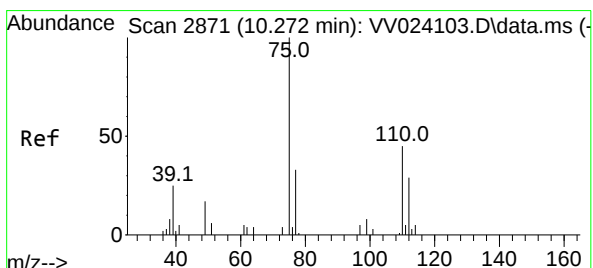
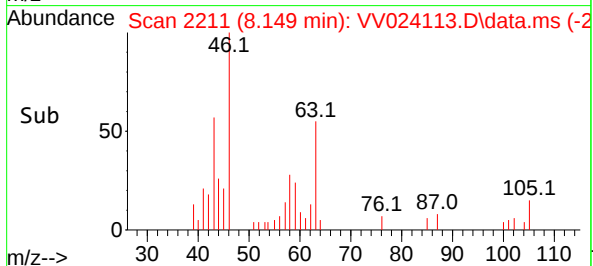
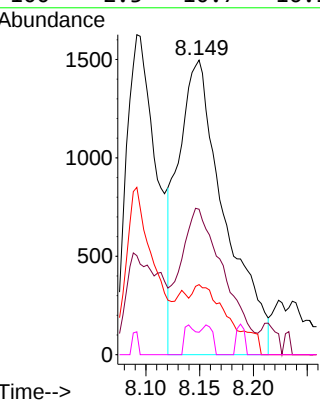
Ion Ratio Lower Upper

43 100

58 46.2 44.5 66.7

57 18.8 15.1 22.7

100 2.3 10.7 16.1#



#61

1,2,3-Trichloropropane

Concen: 1.494 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV024113.D

Acq: 20 Dec 2021 01:25

Tgt Ion: 75 Resp: 4514

Ion Ratio Lower Upper

75 100

77 36.6 26.4 39.6

110 2.3 34.2 51.2#

