

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025043.D
 Acq On : 16 Mar 2022 13:29
 Operator : SY/MD
 Sample : N1933-09DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 02:02:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 01:58:56 2022
 Response via : Initial Calibration

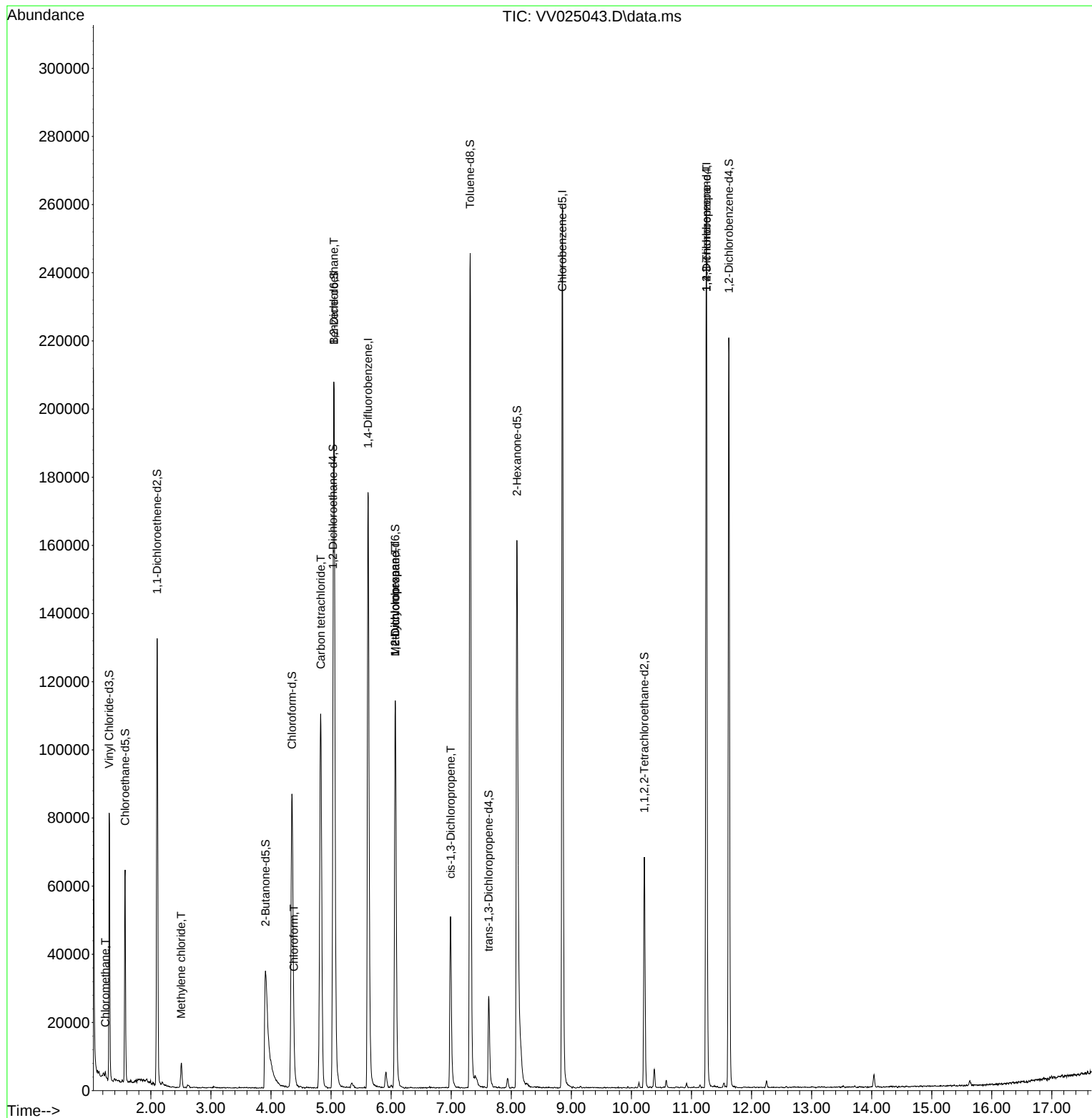
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	160011	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	149552	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	52105	4.125	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.400%	
7) Chloroethane-d5	1.571	69	41676	4.505	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.200%	
11) 1,1-Dichloroethene-d2	2.105	63	68015	3.331	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.600%	
20) 2-Butanone-d5	3.908	46	92528	60.607	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.220%	
24) Chloroform-d	4.349	84	94284	4.500	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.034	65	43226	4.935	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.050	84	198464	4.575	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	6.069	67	60360	4.838	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.317	98	170033	4.300	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	7.625	79	17843	4.103	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.000%	
46) 2-Hexanone-d5	8.095	63	71536	48.224	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.440%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34601	4.715	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	56293	5.031	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	1174	0.088	ug/L	84
16) Methylene chloride	2.507	84	3431	0.278	ug/L	95
25) Chloroform	4.381	83	2832	0.130	ug/L	99
27) 1,2-Dichloroethane	5.050	62	843	0.078	ug/L #	71
31) Carbon tetrachloride	4.828	117	85405	5.220	ug/L	100
35) Methylcyclohexane	6.069	83	14677	0.716	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5822	0.521	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1303	0.084	ug/L #	73
61) 1,2,3-Trichloropropane	11.249	75	8772	1.578	ug/L #	65

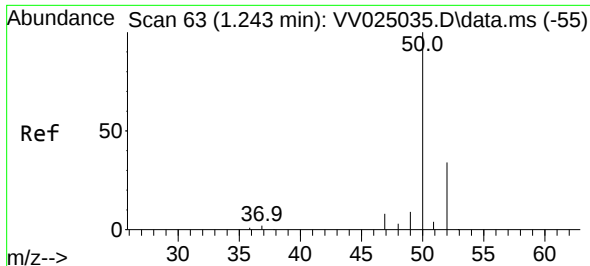
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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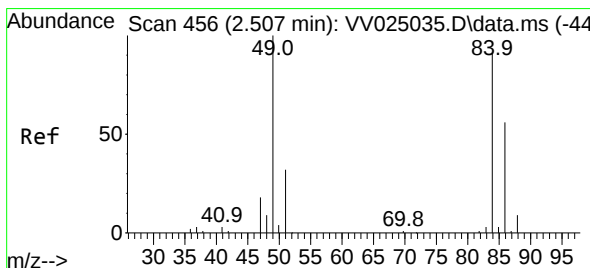
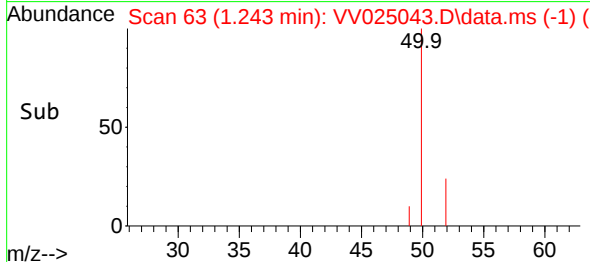
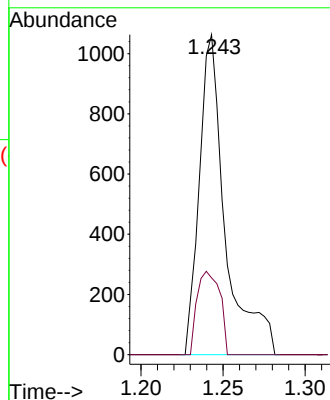
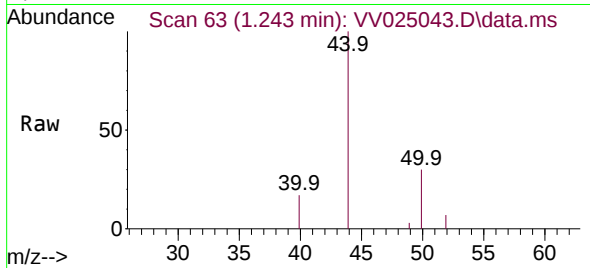




#3
Chloromethane
Concen: 0.088 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025043.D
Acq: 16 Mar 2022 13:29

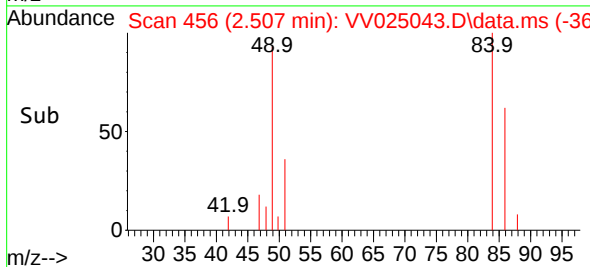
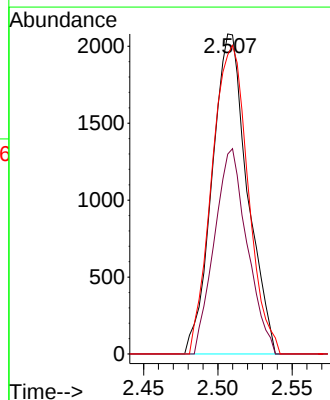
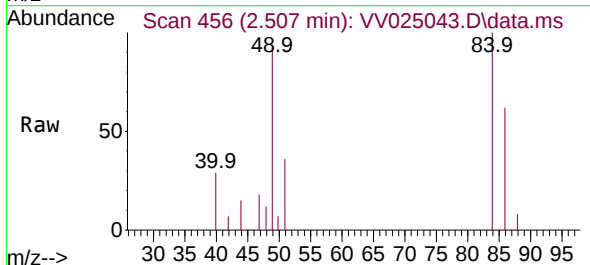
Instrument :
MSVOA_V
ClientSampleId :

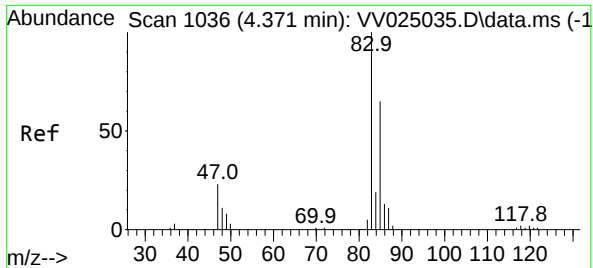
Tgt Ion: 50 Resp: 1174
Ion Ratio Lower Upper
50 100
52 24.0 23.2 43.2



#16
Methylene chloride
Concen: 0.278 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV025043.D
Acq: 16 Mar 2022 13:29

Tgt Ion: 84 Resp: 3431
Ion Ratio Lower Upper
84 100
86 62.5 45.5 84.5
49 100.3 75.0 139.2

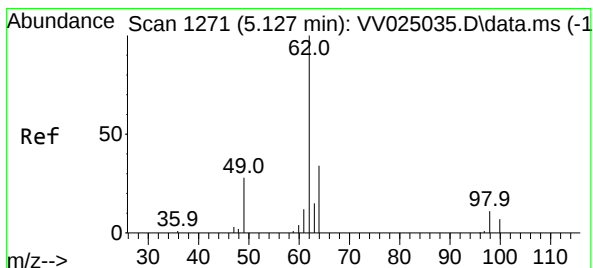
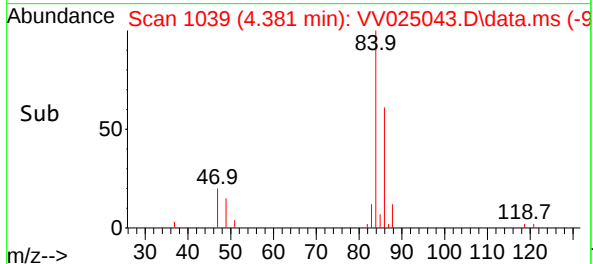
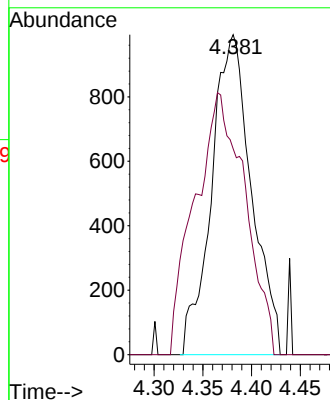
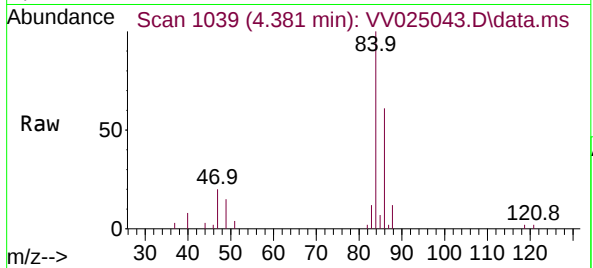




#25
Chloroform
Concen: 0.130 ug/L
RT: 4.381 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VV025043.D
Acq: 16 Mar 2022 13:29

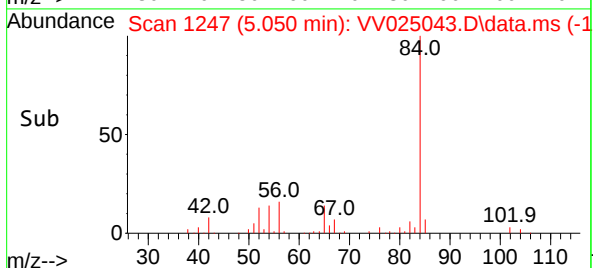
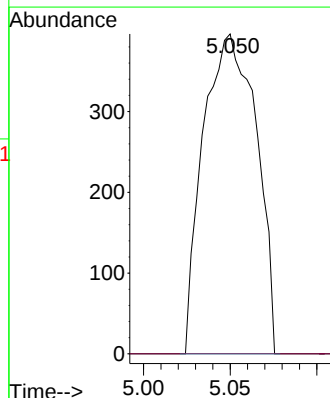
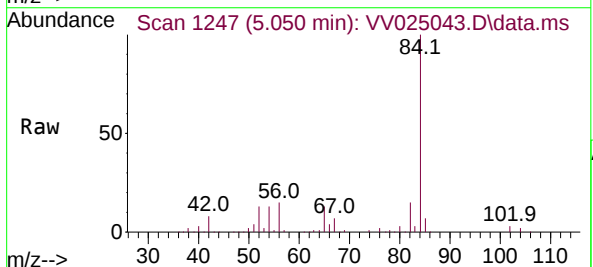
Instrument :
MSVOA_V
ClientSampleId :

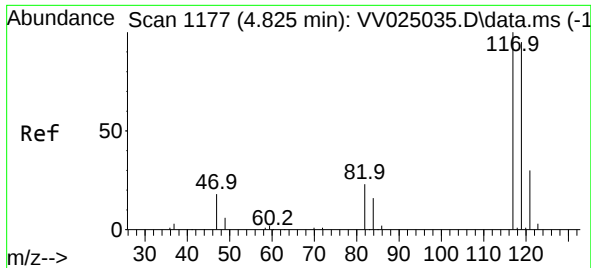
Tgt Ion: 83 Resp: 2832
Ion Ratio Lower Upper
83 100
85 64.4 44.5 82.7



#27
1,2-Dichloroethane
Concen: 0.078 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.077 min
Lab File: VV025043.D
Acq: 16 Mar 2022 13:29

Tgt Ion: 62 Resp: 843
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

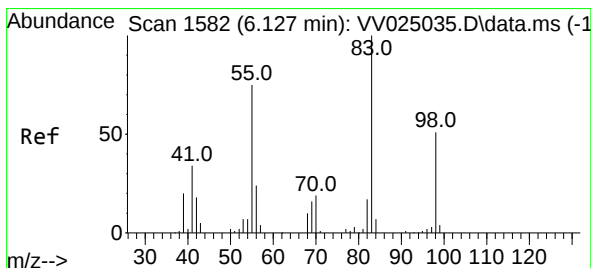
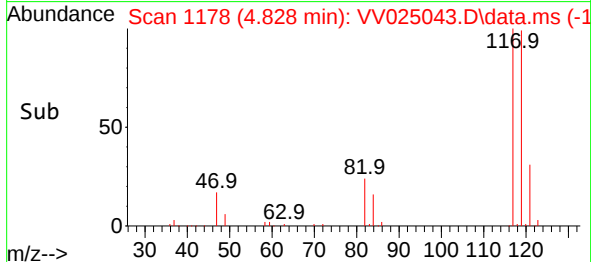
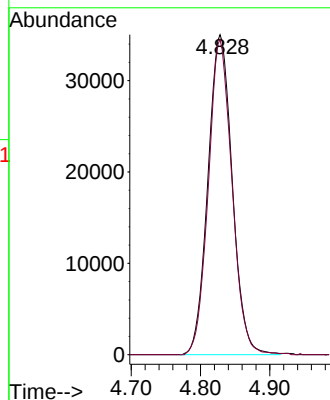
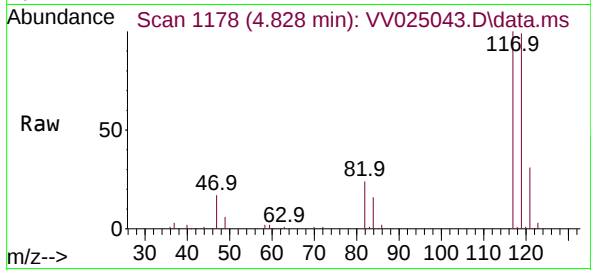




#31
Carbon tetrachloride
Concen: 5.220 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025043.D
Acq: 16 Mar 2022 13:29

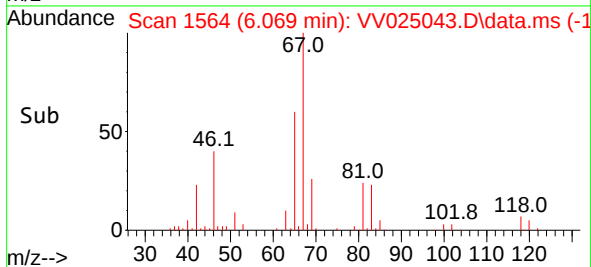
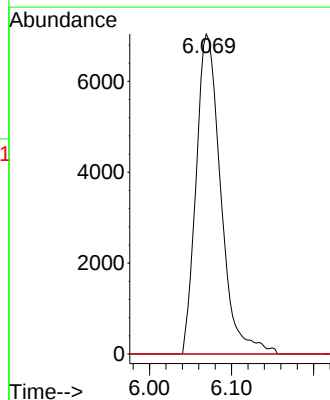
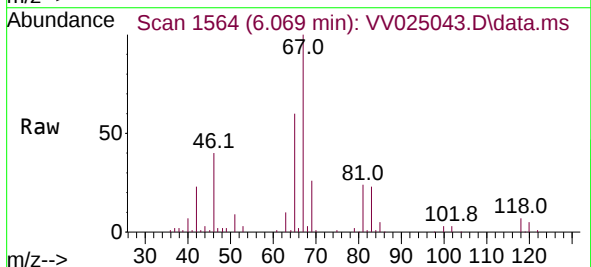
Instrument :
MSVOA_V
ClientSampleId :

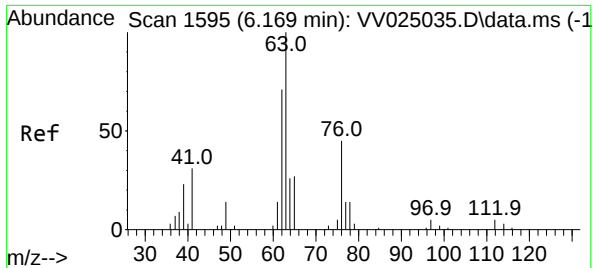
Tgt Ion:117 Resp: 85405
Ion Ratio Lower Upper
117 100
119 95.7 76.8 115.2



#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025043.D
Acq: 16 Mar 2022 13:29

Tgt Ion: 83 Resp: 14677
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.0#
98 0.6 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.521 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025043.D

Acq: 16 Mar 2022 13:29

Instrument :

MSVOA_V

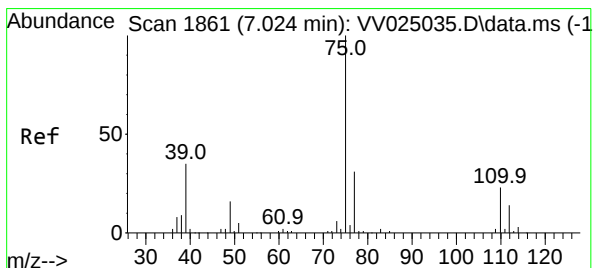
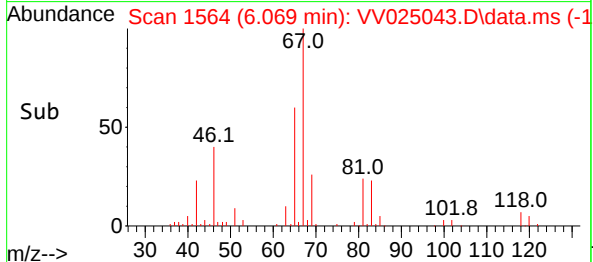
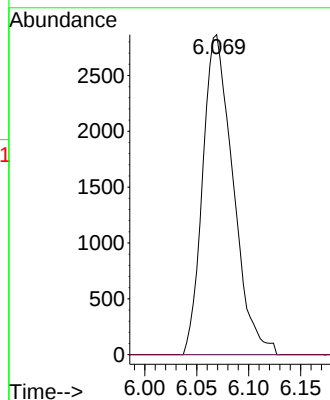
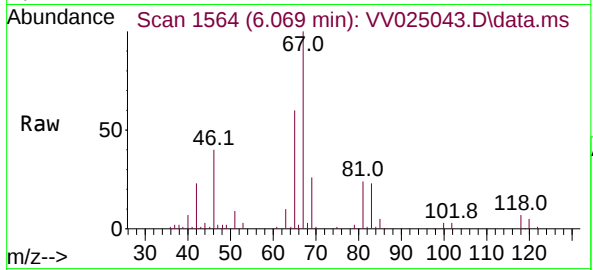
ClientSampleId :

Tgt Ion: 63 Resp: 5822

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV025043.D

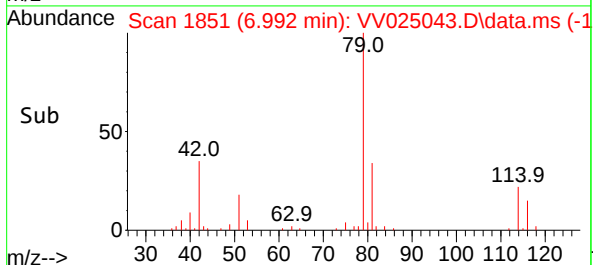
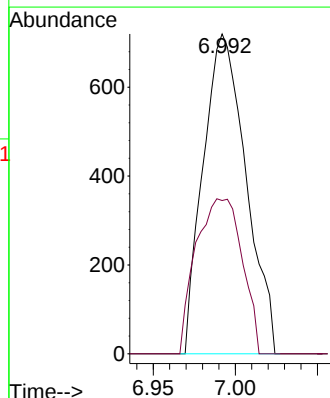
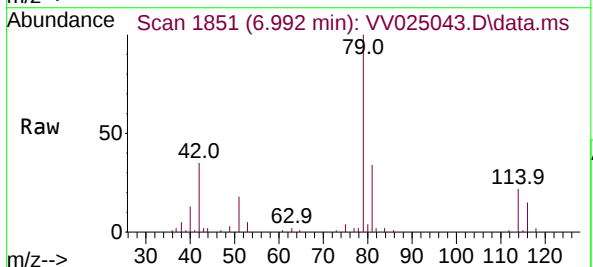
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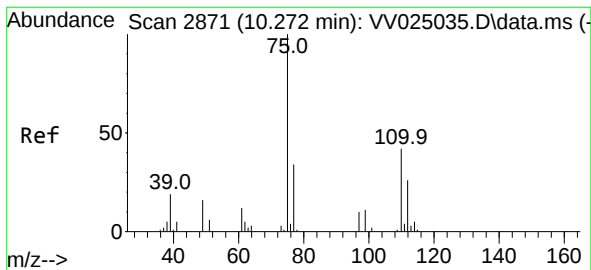
Tgt Ion: 75 Resp: 1303

Ion Ratio Lower Upper

75 100

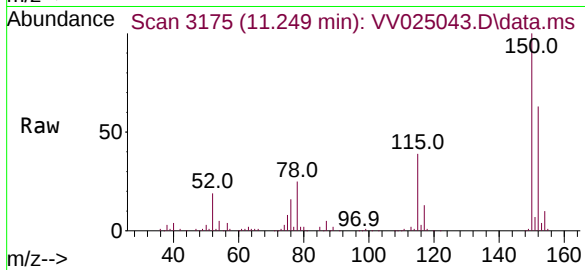
77 47.9 23.0 42.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.578 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV025043.D
 Acq: 16 Mar 2022 13:29

Instrument :
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 ClientSampleId :



Tgt Ion:	75	Resp:	8772
Ion	Ratio	Lower	Upper
75	100		
77	29.2	25.7	38.5
110	2.1	31.2	46.8#

