

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029305.D
 Acq On : 23 Nov 2022 19:50
 Operator : SY/MD
 Sample : N5680-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 01:51:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:40:30 2022
 Response via : Initial Calibration

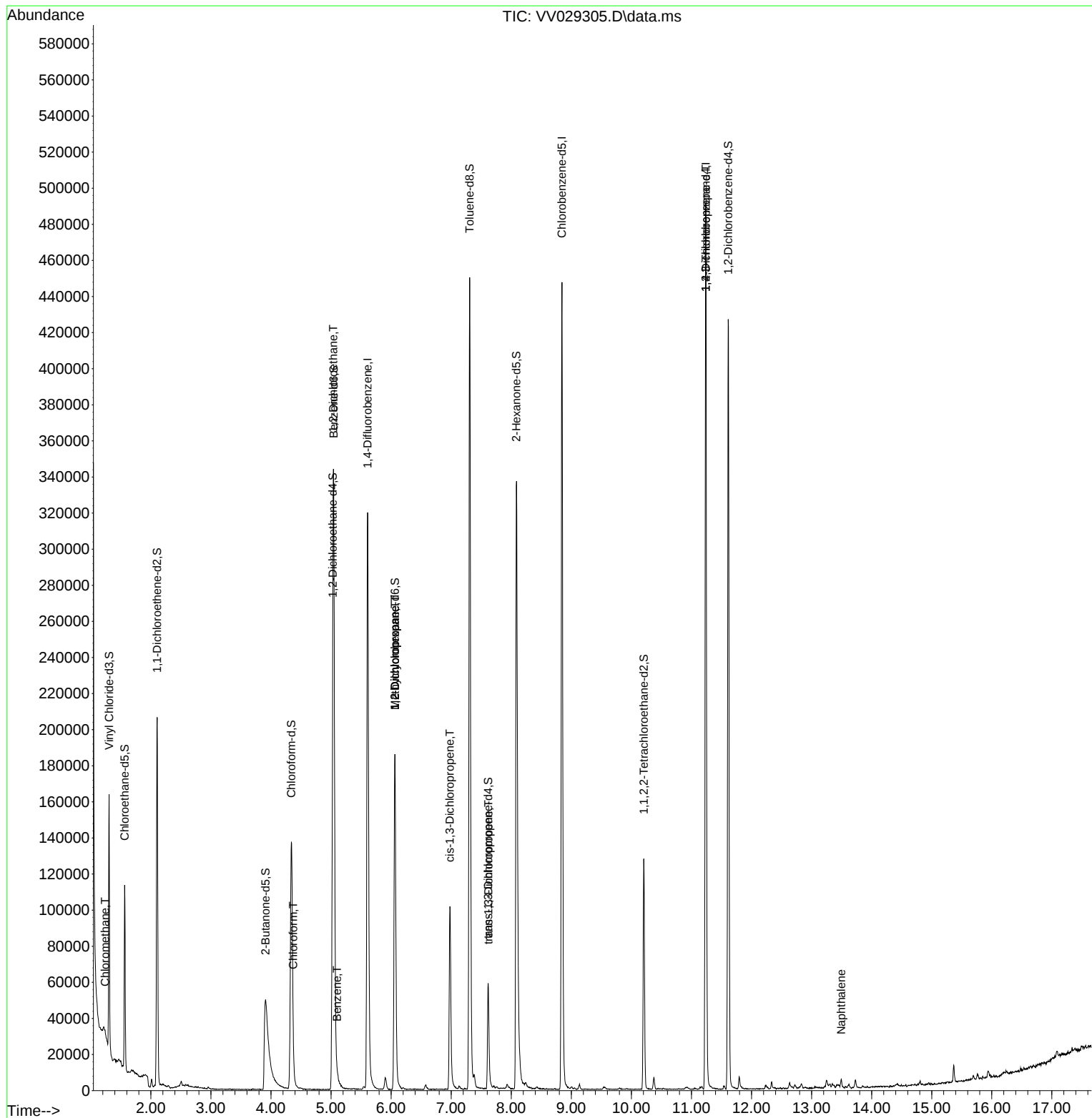
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	298653	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	264321	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	132605	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	87471	4.759	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.565	69	66038	4.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.105	63	104752	3.562	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.909	46	151543	49.289	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.580%
24) Chloroform-d	4.339	84	150671	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.027	65	72410	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.044	84	345778	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.063	67	97496	4.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.307	98	321047	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.616	79	36707	4.638	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.085	63	132595	47.002	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.000%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	61868	4.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	115658	4.993	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1892	0.093	ug/L	98
25) Chloroform	4.368	83	5591	0.169	ug/L	94
27) 1,2-Dichloroethane	5.037	62	938	0.052	ug/L #	72
33) Benzene	5.098	78	3461	0.044	ug/L	100
35) Methylcyclohexane	6.063	83	22935	0.674	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10996	0.590	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	2510	0.092	ug/L #	41
44) trans-1,3-Dichloropropene	7.619	75	1622	0.075	ug/L #	74
61) 1,2,3-Trichloropropane	11.239	75	14503	1.577	ug/L #	65
71) Naphthalene	13.493	128	4009	0.173	ug/L #	94

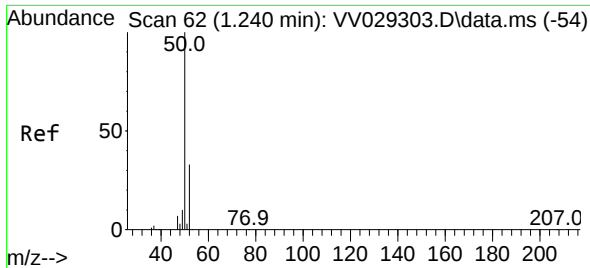
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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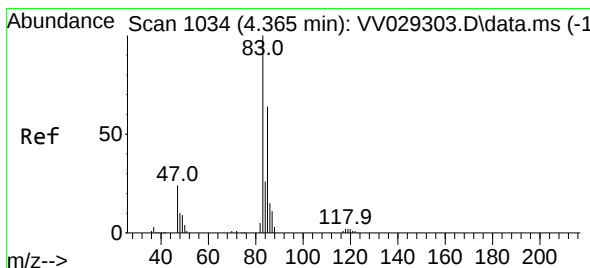
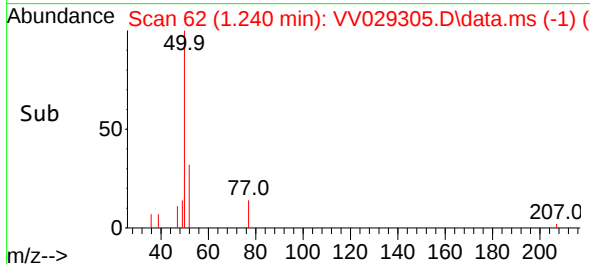
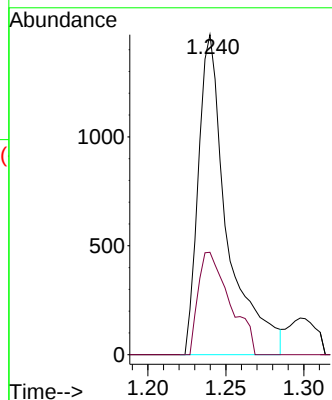
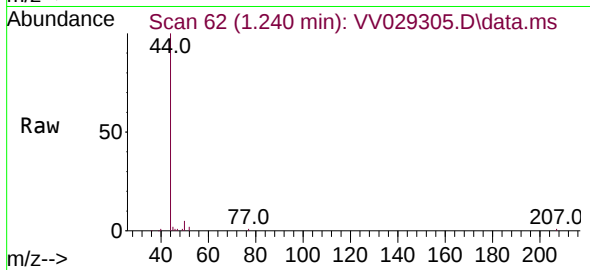




#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029305.D
Acq: 23 Nov 2022 19:50

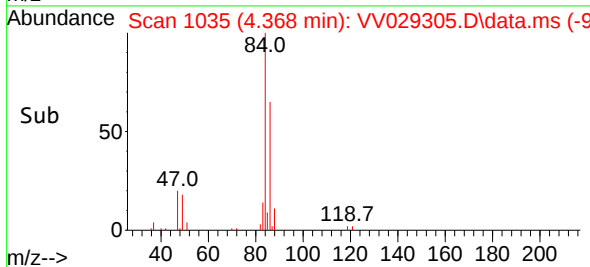
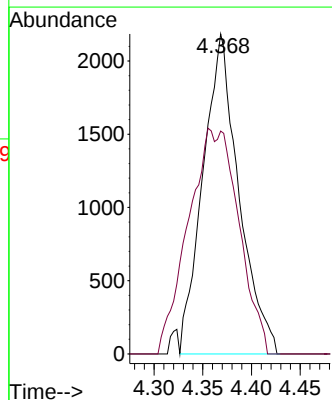
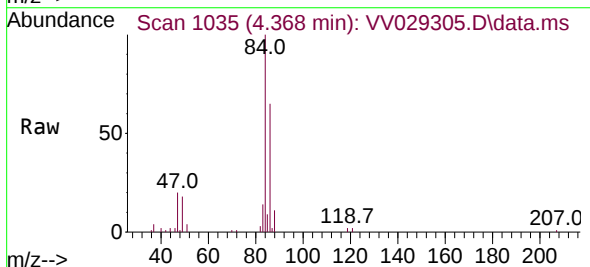
Instrument :
MSVOA_V
ClientSampleId :

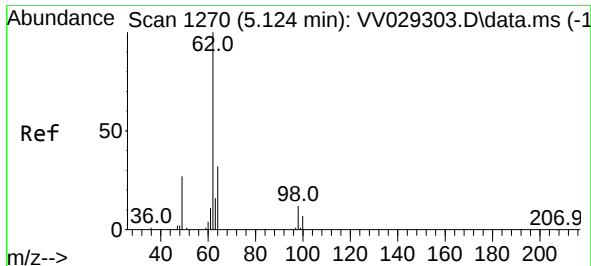
Tgt Ion: 50 Resp: 1892
Ion Ratio Lower Upper
50 100
52 32.0 23.2 43.2



#25
Chloroform
Concen: 0.169 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV029305.D
Acq: 23 Nov 2022 19:50

Tgt Ion: 83 Resp: 5591
Ion Ratio Lower Upper
83 100
85 69.7 45.4 84.4





#27

1,2-Dichloroethane

Concen: 0.052 ug/L

RT: 5.037 min Scan# 11

Delta R.T. -0.087 min

Lab File: VV029305.D

Acq: 23 Nov 2022 19:50

Instrument :

MSVOA_V

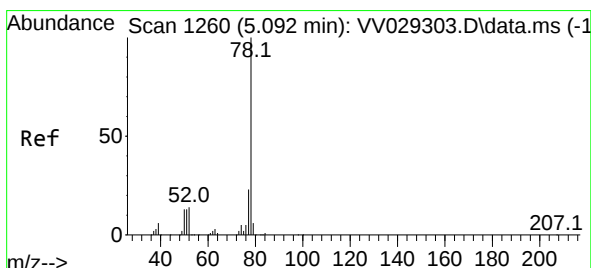
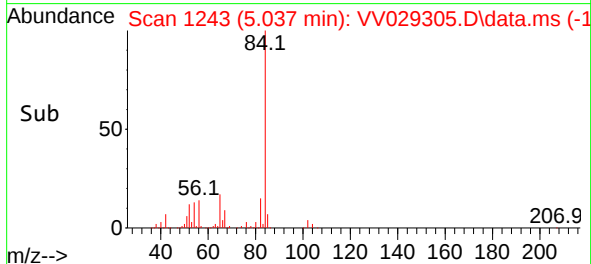
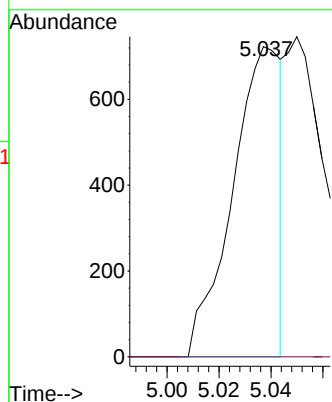
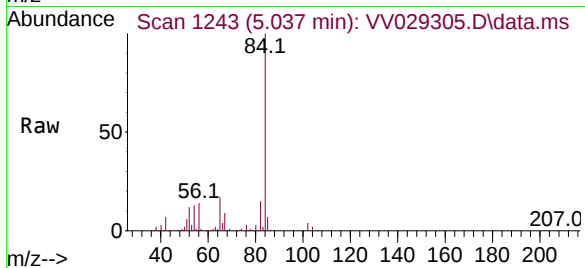
ClientSampleId :

Tgt Ion: 62 Resp: 938

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#33

Benzene

Concen: 0.044 ug/L

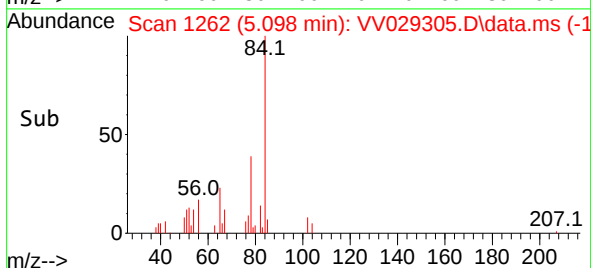
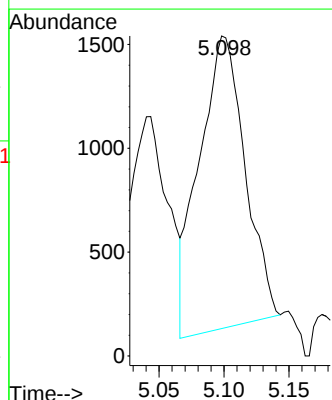
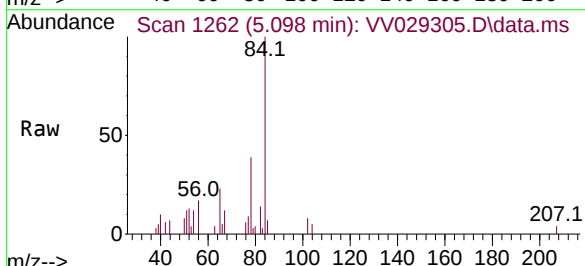
RT: 5.098 min Scan# 1262

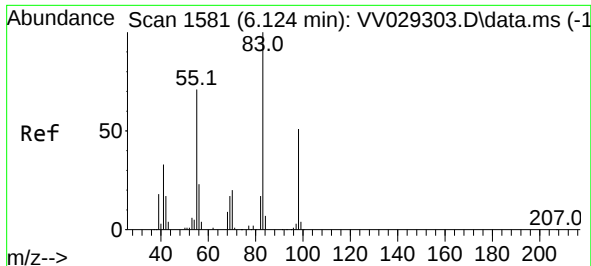
Delta R.T. 0.007 min

Lab File: VV029305.D

Acq: 23 Nov 2022 19:50

Tgt Ion: 78 Resp: 3461

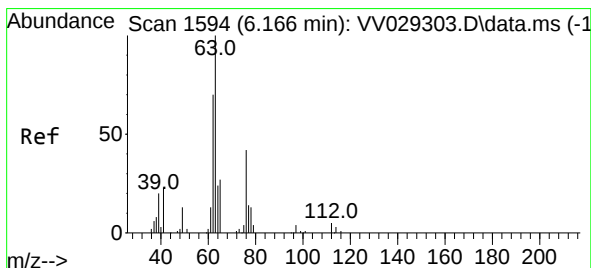
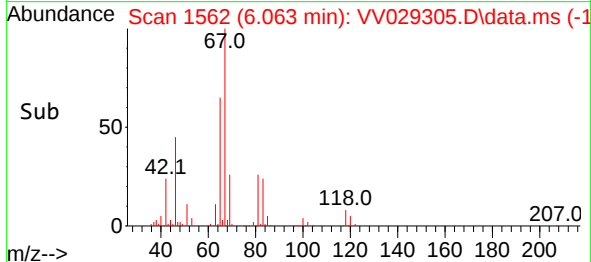
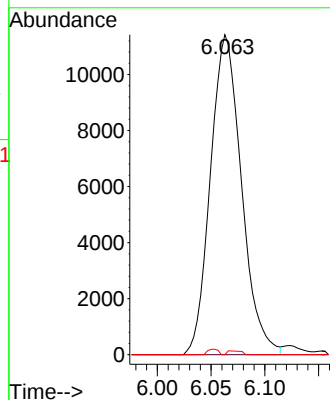
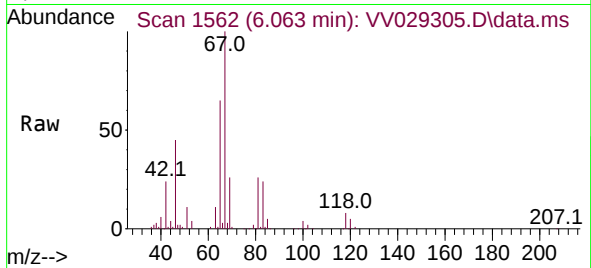




#35
Methylcyclohexane
Concen: 0.674 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV029305.D
Acq: 23 Nov 2022 19:50

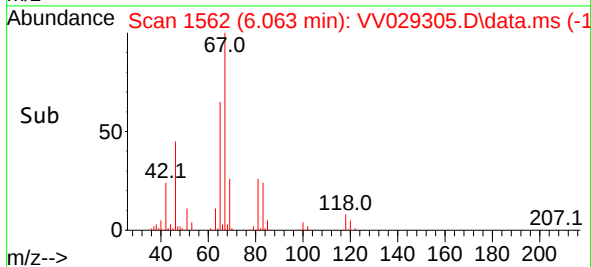
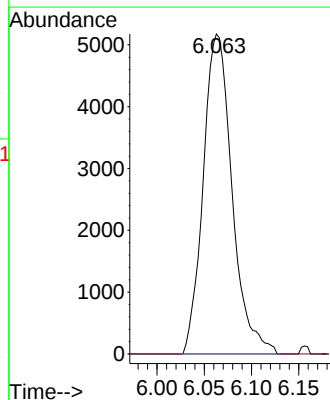
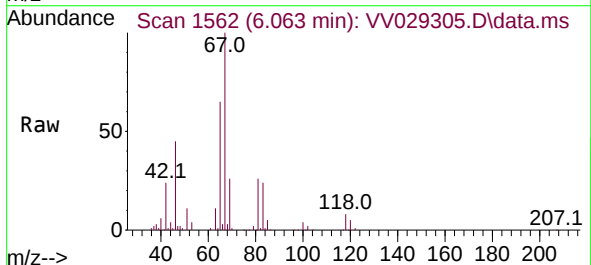
Instrument :
MSVOA_V
ClientSampleId :

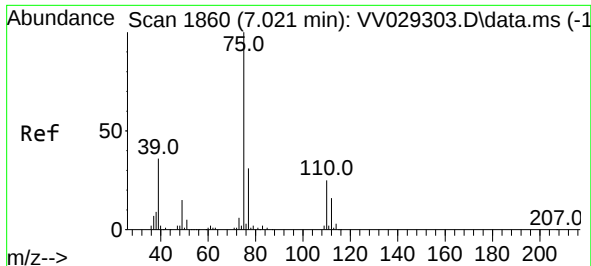
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.2#
98	0.5	39.4	59.2#



#37
1,2-Dichloropropane
Concen: 0.590 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV029305.D
Acq: 23 Nov 2022 19:50

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.979 min Scan# 1847

Delta R.T. -0.042 min

Lab File: VV029305.D

Acq: 23 Nov 2022 19:50

Instrument :

MSVOA_V

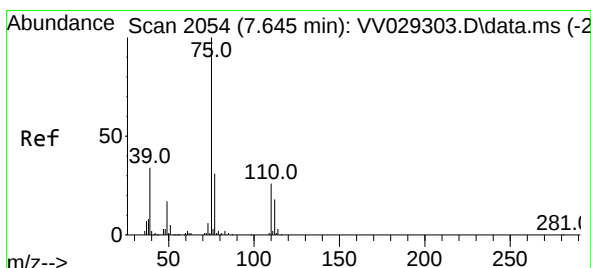
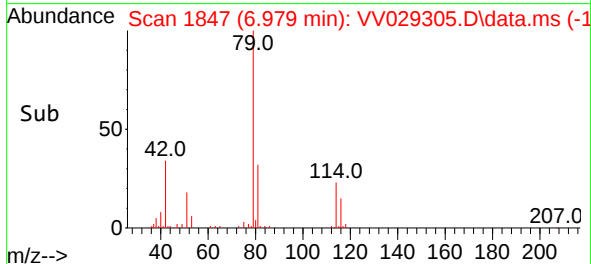
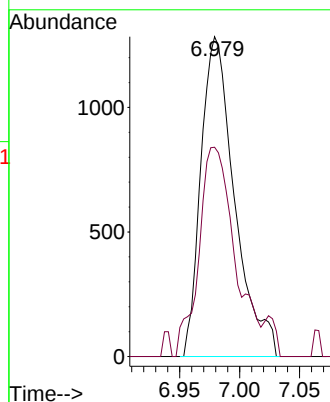
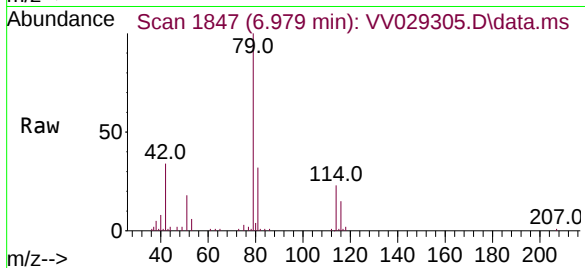
ClientSampleId :

Tgt Ion: 75 Resp: 2510

Ion Ratio Lower Upper

75 100

77 65.4 22.7 42.3#



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.619 min Scan# 2046

Delta R.T. -0.026 min

Lab File: VV029305.D

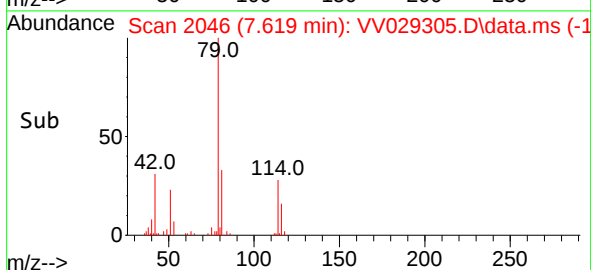
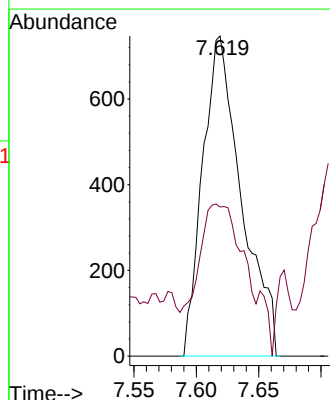
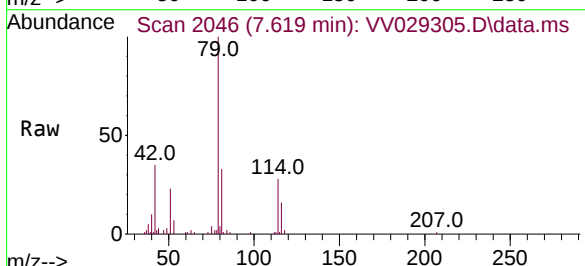
Acq: 23 Nov 2022 19:50

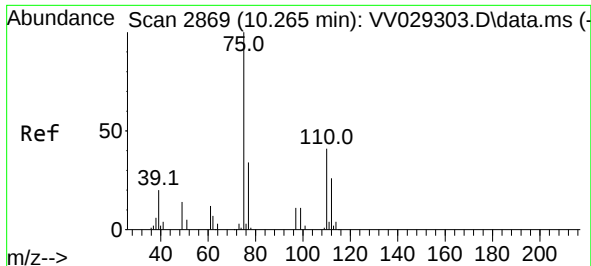
Tgt Ion: 75 Resp: 1622

Ion Ratio Lower Upper

75 100

77 46.6 22.4 41.6#

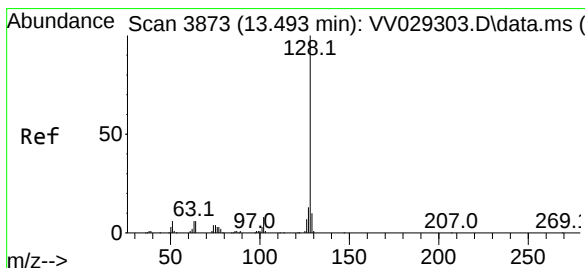
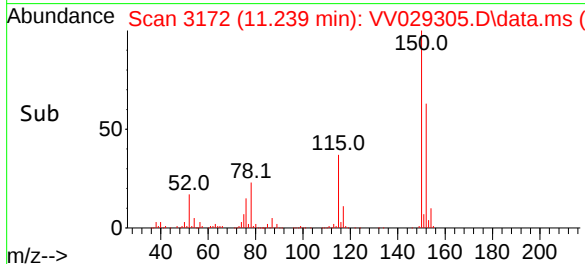
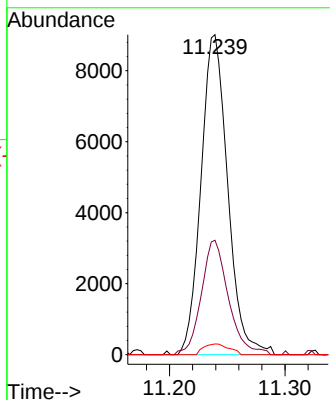
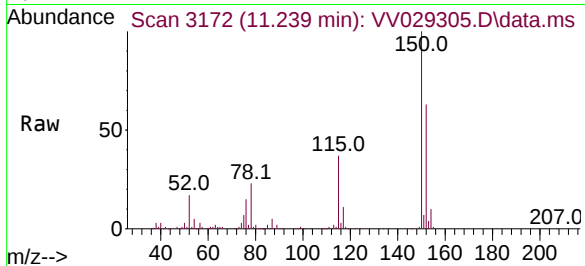




#61
1,2,3-Trichloropropane
Concen: 1.577 ug/L
RT: 11.239 min Scan# 311
Delta R.T. 0.974 min
Lab File: VV029305.D
Acq: 23 Nov 2022 19:50

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 14503
Ion Ratio Lower Upper
75 100
77 36.3 26.7 40.1
110 3.2 32.2 48.4#



#71
Naphthalene
Concen: 0.173 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.000 min
Lab File: VV029305.D
Acq: 23 Nov 2022 19:50

Tgt Ion:128 Resp: 4009
Ion Ratio Lower Upper
128 100
129 13.0 8.9 13.3
127 16.1 10.6 15.8#

