

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061822\
 Data File : VU049292.D
 Acq On : 18 Jun 2022 19:32
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK074

Quant Time: Jun 20 00:15:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 20 00:11:46 2022
 Response via : Initial Calibration

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

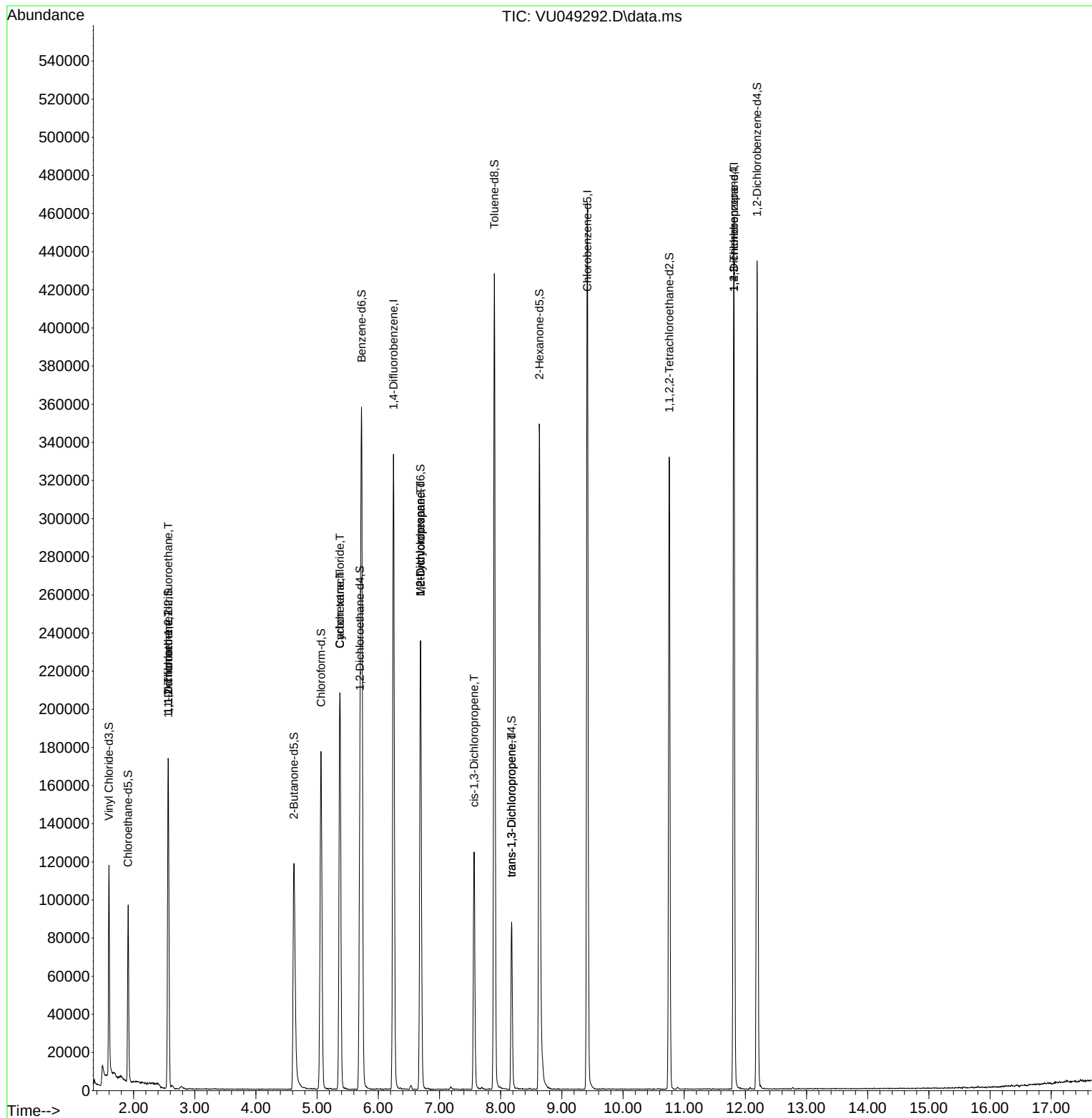
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	261346	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	251490	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	114632	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76530	47.534	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.060%
7) Chloroethane-d5	1.909	69	62175	52.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.565	63	105731	34.803	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.600%
21) 2-Butanone-d5	4.620	46	189676	107.453	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.450%
24) Chloroform-d	5.063	84	162551	47.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.660%
26) 1,2-Dichloroethane-d4	5.700	65	110305	49.572	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.140%
32) Benzene-d6	5.726	84	317346	50.888	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.780%
36) 1,2-Dichloropropane-d6	6.690	67	115164	54.934	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.860%
41) Toluene-d8	7.896	98	280314	50.969	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.940%
43) trans-1,3-Dichloroprop...	8.179	79	48430	49.104	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.200%
47) 2-Hexanone-d5	8.632	63	119178	108.619	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.620%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	168630	48.160	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.320%
66) 1,2-Dichlorobenzene-d4	12.192	152	107486	53.890	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.780%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	924	0.502	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	813	0.504	ug/L #	1
29) Cyclohexane	5.372	56	3380	1.201	ug/L #	1
31) Carbon tetrachloride	5.372	117	14642	4.774	ug/L #	8
35) Methylcyclohexane	6.690	83	25434	8.872	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	11875	5.169	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3070	0.908	ug/L #	69
44) trans-1,3-Dichloropropene	8.179	75	2356	0.704	ug/L #	80
60) 1,2,3-Trichloropropane	11.812	75	15026	5.168	ug/L #	67

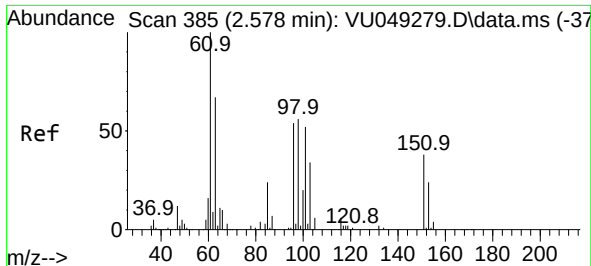
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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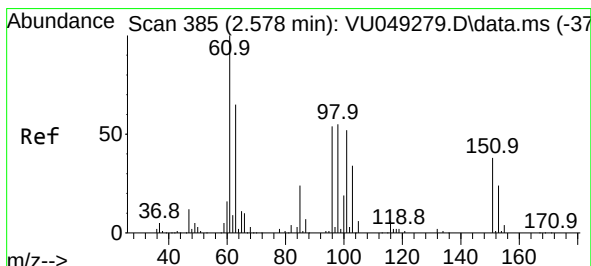
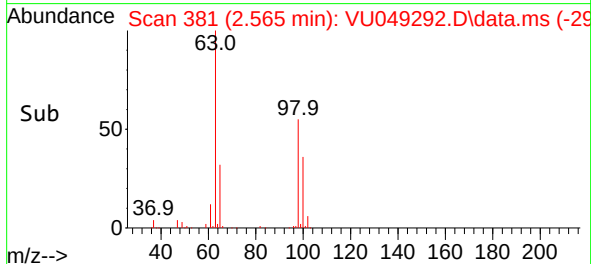
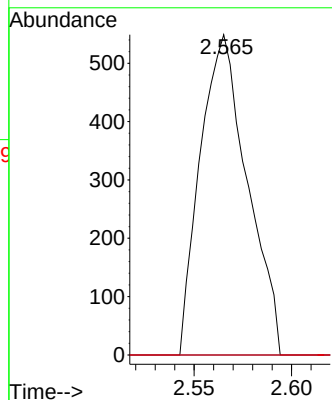
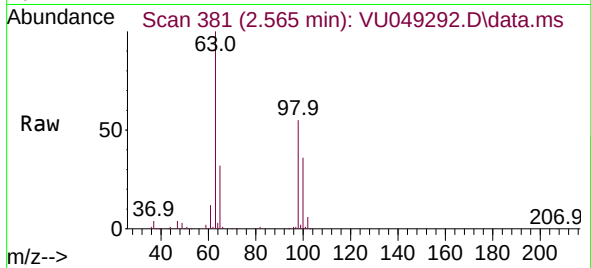




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.502 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU049292.D
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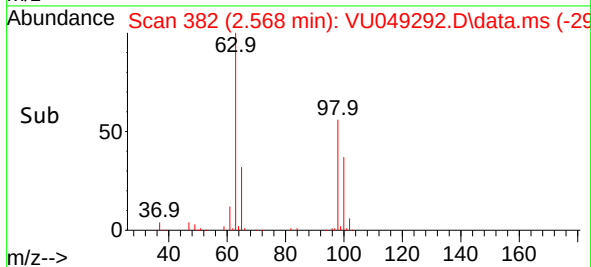
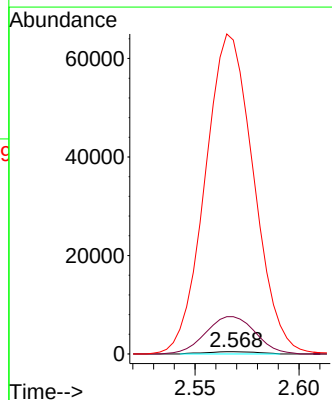
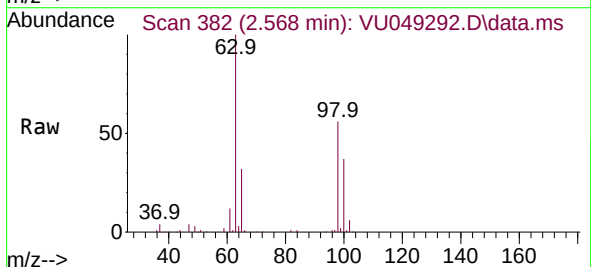
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK074

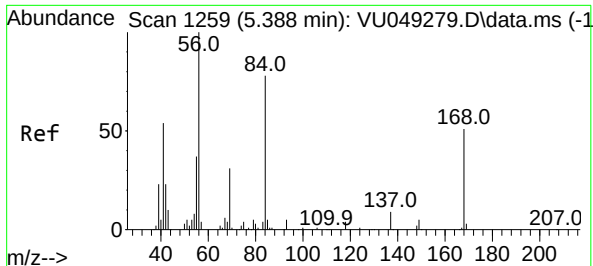
Tgt Ion:101 Resp: 924
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 0.504 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU049292.D
 Acq: 18 Jun 2022 19:32

Tgt Ion: 96 Resp: 813
 Ion Ratio Lower Upper
 96 100
 61 1654.3 123.5 229.3#
 63 13950.1 86.0 159.8#





#29

Cyclohexane

Concen: 1.201 ug/L

RT: 5.372 min Scan# 1254

Delta R.T. -0.016 min

Lab File: VU049292.D

Acq: 18 Jun 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

VIBLK074

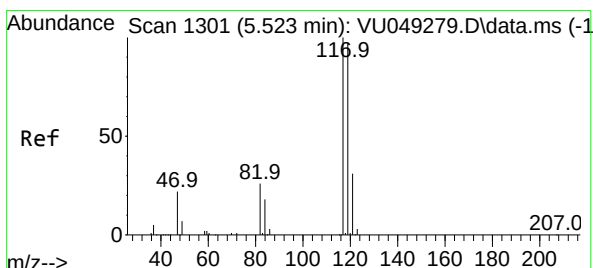
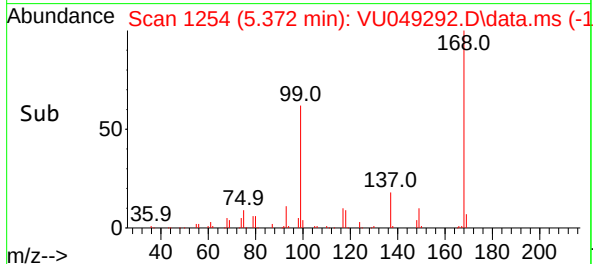
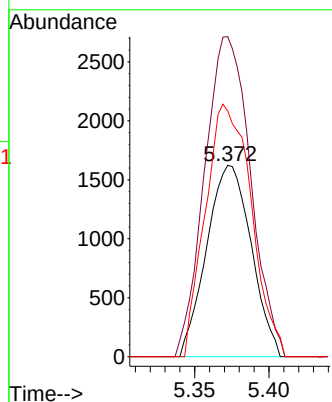
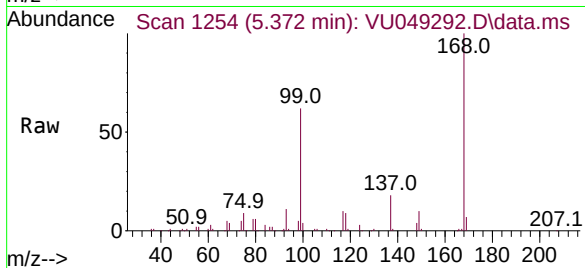
Tgt Ion: 56 Resp: 3380

Ion Ratio Lower Upper

56 100

69 172.5 24.6 36.8#

84 136.4 69.7 104.5#



#31

Carbon tetrachloride

Concen: 4.774 ug/L

RT: 5.372 min Scan# 1254

Delta R.T. -0.151 min

Lab File: VU049292.D

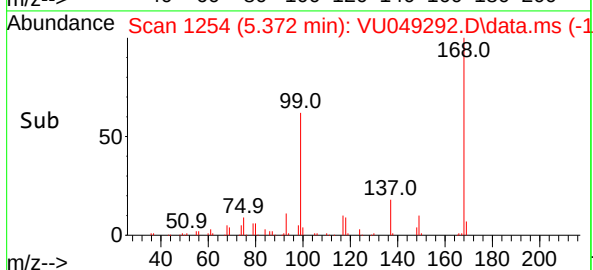
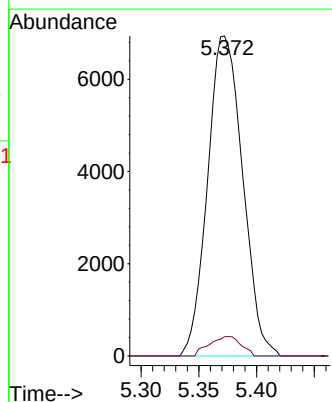
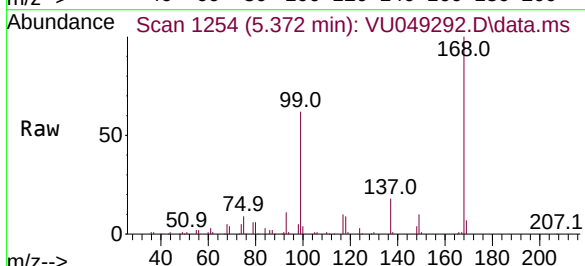
Acq: 18 Jun 2022 19:32

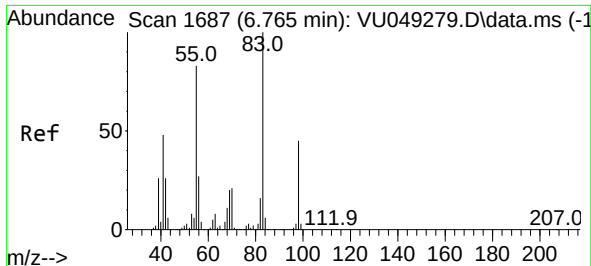
Tgt Ion: 117 Resp: 14642

Ion Ratio Lower Upper

117 100

119 5.5 76.5 114.7#

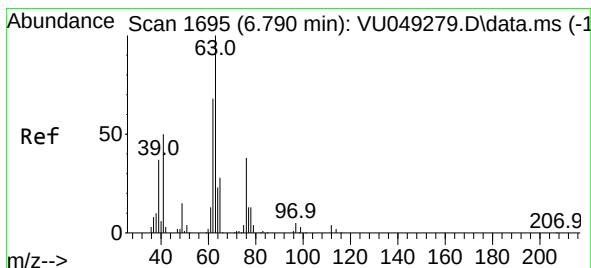
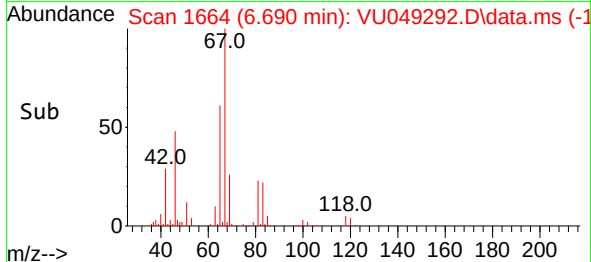
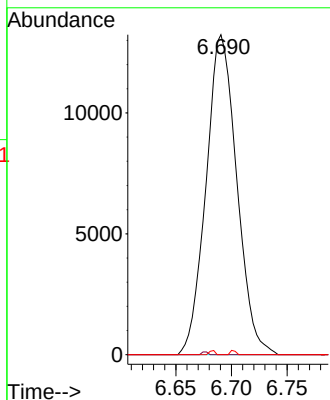
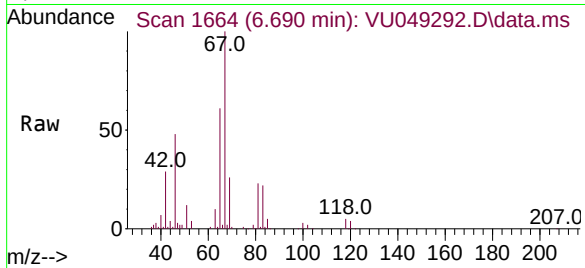




#35
Methylcyclohexane
Concen: 8.872 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049292.D
Acq: 18 Jun 2022 19:32

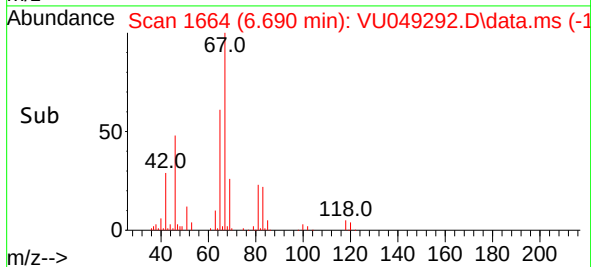
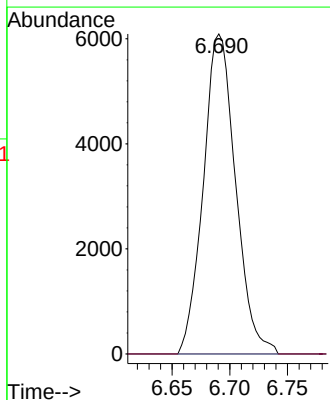
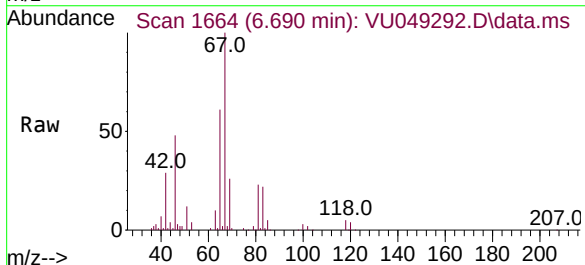
Instrument :
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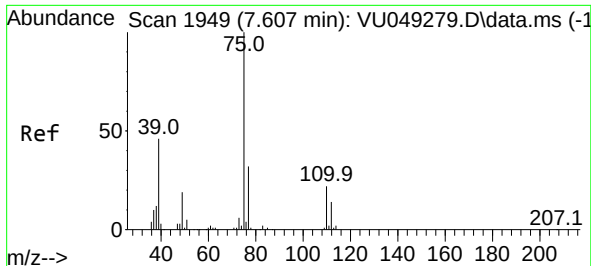
Tgt Ion: 83 Resp: 25434
Ion Ratio Lower Upper
83 100
55 0.2 61.0 91.6#
98 0.2 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 5.169 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049292.D
Acq: 18 Jun 2022 19:32

Tgt Ion: 63 Resp: 11875
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.908 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049292.D

Acq: 18 Jun 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

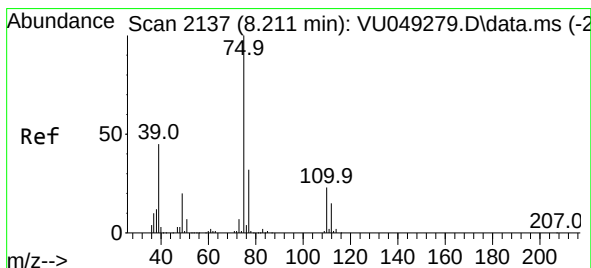
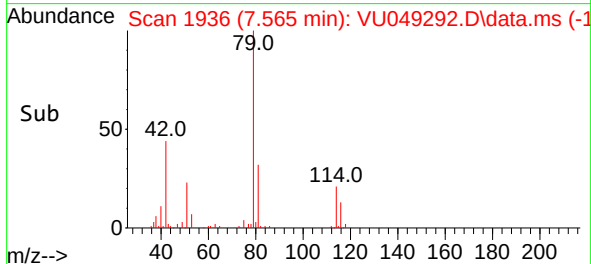
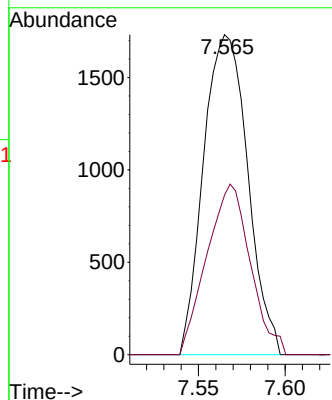
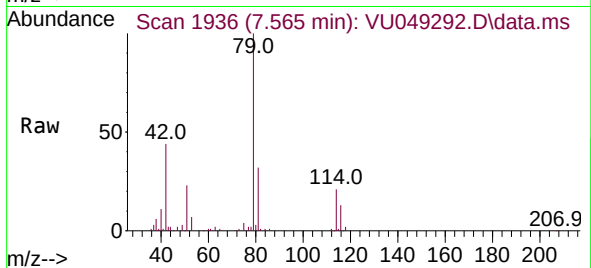
VIBLK074

Tgt Ion: 75 Resp: 3070

Ion Ratio Lower Upper

75 100

77 49.8 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.704 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU049292.D

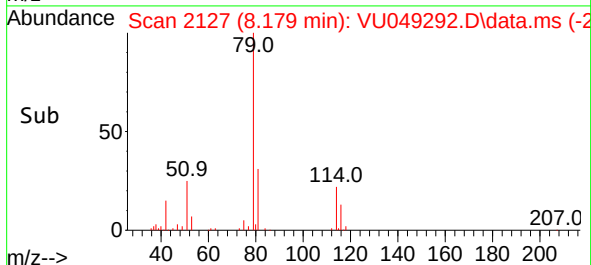
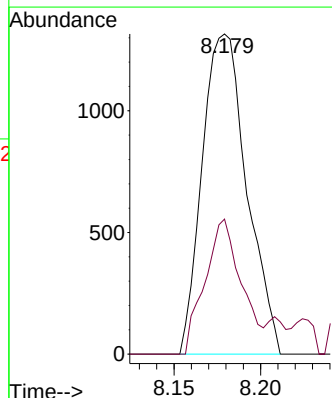
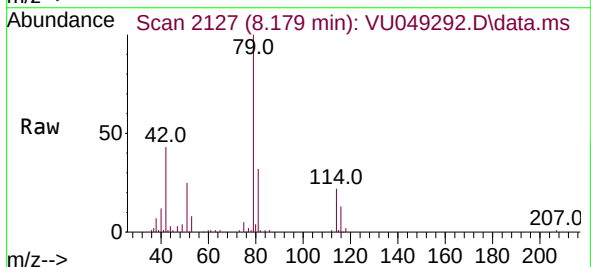
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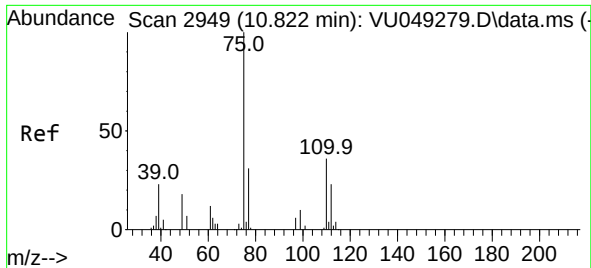
Tgt Ion: 75 Resp: 2356

Ion Ratio Lower Upper

75 100

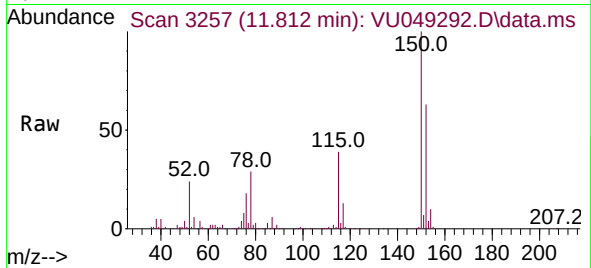
77 42.2 21.9 40.7#





#60
 1,2,3-Trichloropropane
 Concen: 5.168 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049292.D
 Acq: 18 Jun 2022 19:32

Instrument :
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Tgt Ion:	75	Resp:	15026
Ion	Ratio	Lower	Upper
75	100		
77	35.4	26.6	40.0
110	2.4	30.2	45.4

