

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061822\
 Data File : VU049289.D
 Acq On : 18 Jun 2022 18:21
 Operator : SY/MD
 Sample : N3313-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jun 20 00:14:36 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

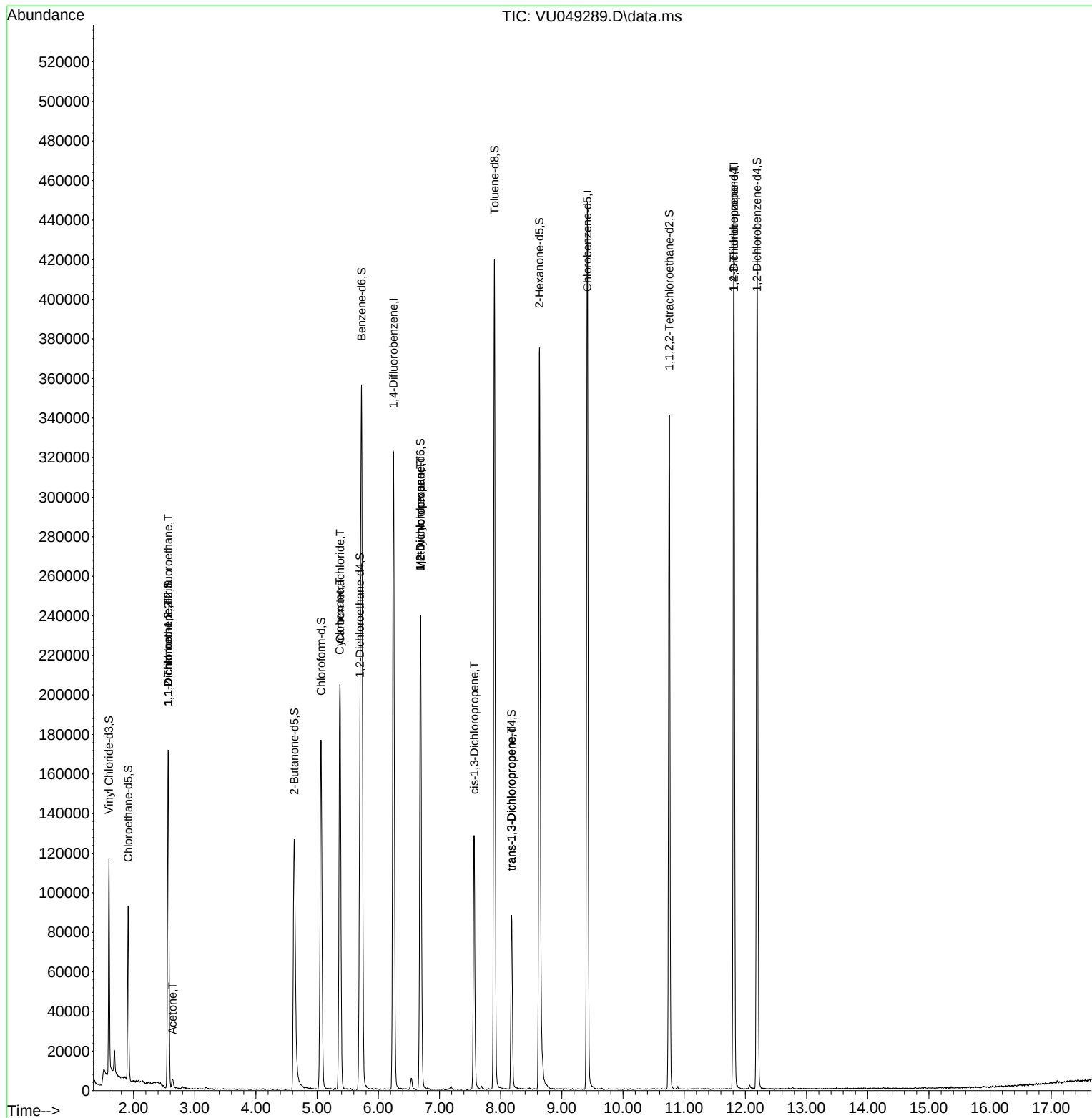
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	254385	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	240616	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	111640	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75299	48.049	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	96.100%	
7) Chloroethane-d5	1.912	69	59696	51.880	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	103.760%	
11) 1,1-Dichloroethene-d2	2.565	63	104530	35.349	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.700%	
21) 2-Butanone-d5	4.626	46	199743	116.252	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	116.250%	
24) Chloroform-d	5.063	84	161461	48.297	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.700	65	110720	51.120	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.240%	
32) Benzene-d6	5.726	84	311516	52.211	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.420%	
36) 1,2-Dichloropropane-d6	6.690	67	116213	57.939	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	115.880%	
41) Toluene-d8	7.899	98	278083	52.848	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	105.700%	
43) trans-1,3-Dichloroprop...	8.179	79	49504	52.462	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	104.920%	
47) 2-Hexanone-d5	8.632	63	129524	123.383	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	123.380%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	174583	52.113	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	104.220%	
66) 1,2-Dichlorobenzene-d4	12.192	152	111628	57.467	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	114.940%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	831	0.464	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	706	0.450	ug/L #	1
13) Acetone	2.639	43	6453	4.773	ug/L	70
29) Cyclohexane	5.369	56	3399	1.262	ug/L #	1
31) Carbon tetrachloride	5.375	117	14791	5.040	ug/L #	7
35) Methylcyclohexane	6.690	83	25184	9.182	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	12574	5.720	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2951	0.912	ug/L #	62
44) trans-1,3-Dichloropropene	8.179	75	2174	0.679	ug/L #	68
60) 1,2,3-Trichloropropane	11.812	75	14544	5.136	ug/L #	67

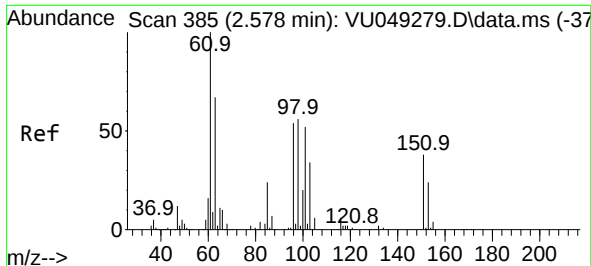
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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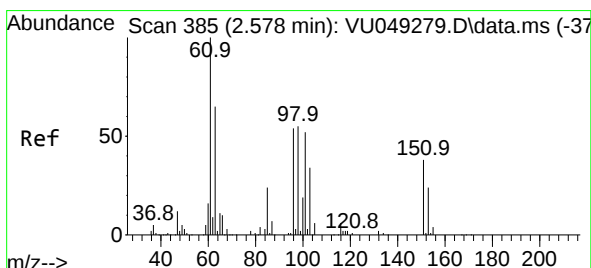
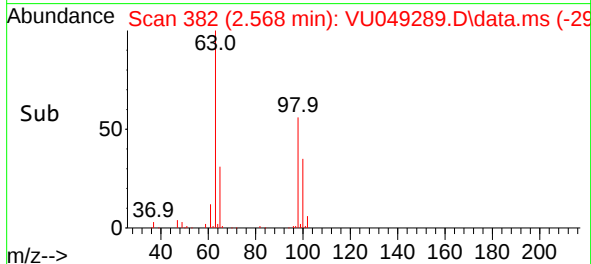
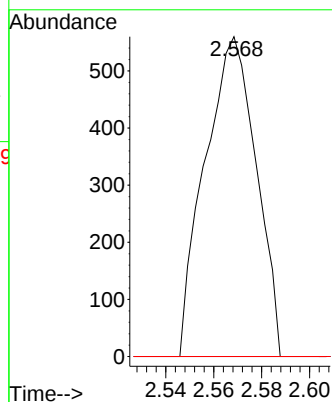
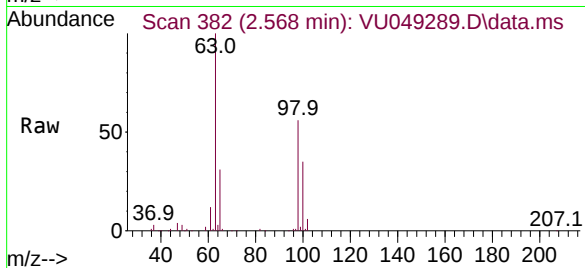




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.464 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU049289.D
 Acq: 18 Jun 2022 18:21

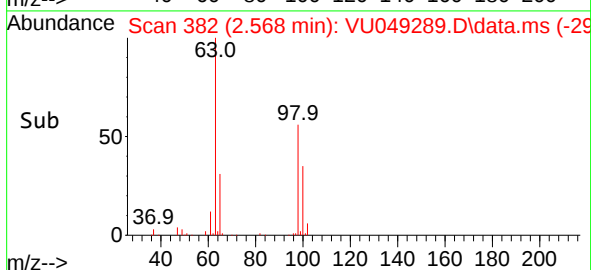
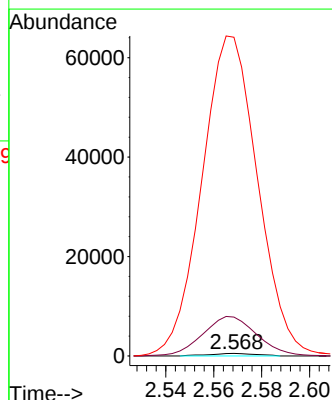
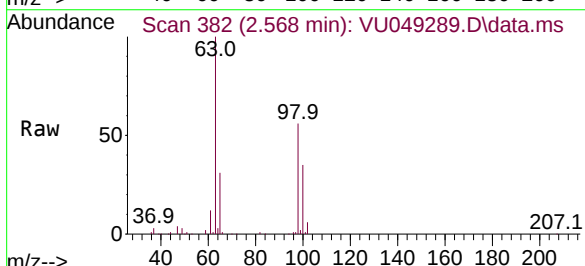
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

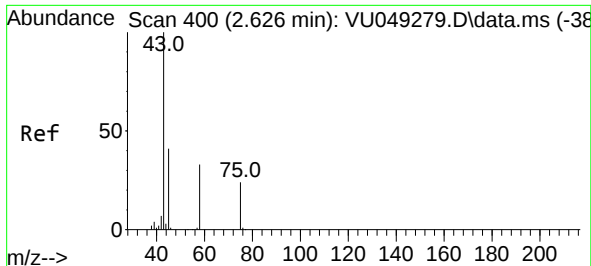
Tgt Ion:101 Resp: 831
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 0.450 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU049289.D
 Acq: 18 Jun 2022 18:21

Tgt Ion: 96 Resp: 706
 Ion Ratio Lower Upper
 96 100
 61 1517.8 123.5 229.3#
 63 12420.2 86.0 159.8#





#13

Acetone

Concen: 4.773 ug/L

RT: 2.639 min Scan# 400

Delta R.T. 0.013 min

Lab File: VU049289.D

Acq: 18 Jun 2022 18:21

Instrument :

MSVOA_U

ClientSampleId :

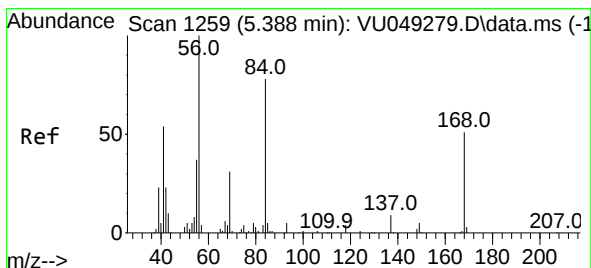
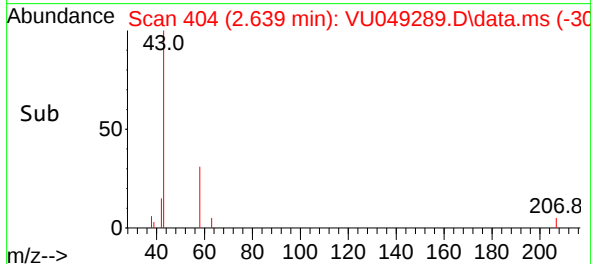
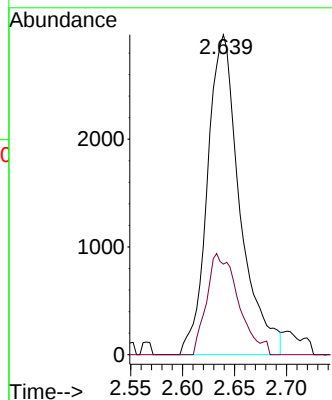
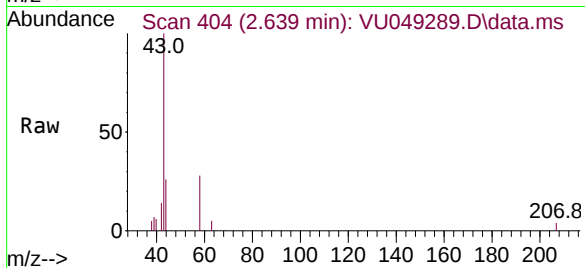
VHBLK001

Tgt Ion: 43 Resp: 6453

Ion Ratio Lower Upper

43 100

58 16.4 0.0 66.4



#29

Cyclohexane

Concen: 1.262 ug/L

RT: 5.369 min Scan# 1253

Delta R.T. -0.019 min

Lab File: VU049289.D

Acq: 18 Jun 2022 18:21

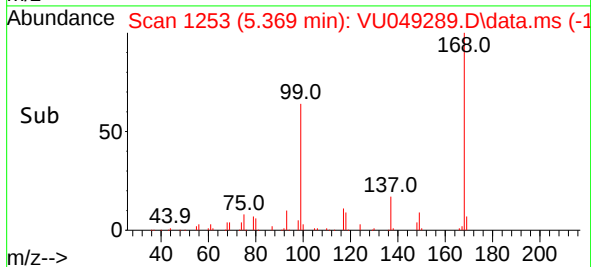
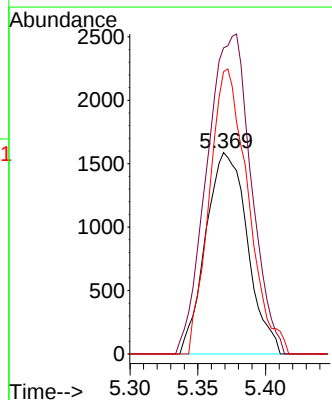
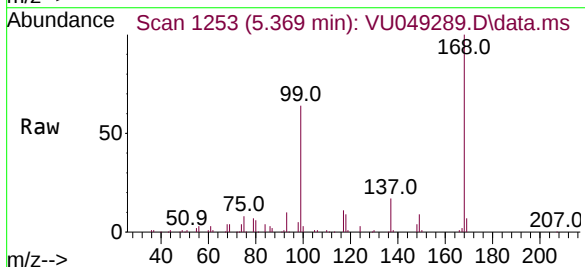
Tgt Ion: 56 Resp: 3399

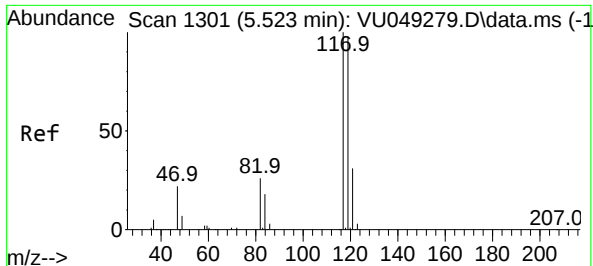
Ion Ratio Lower Upper

56 100

69 168.9 24.6 36.8#

84 131.0 69.7 104.5#

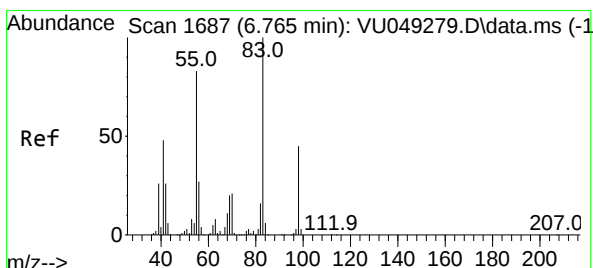
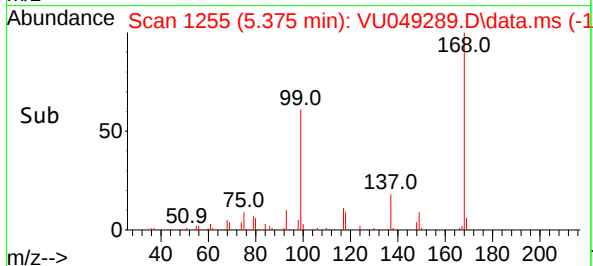
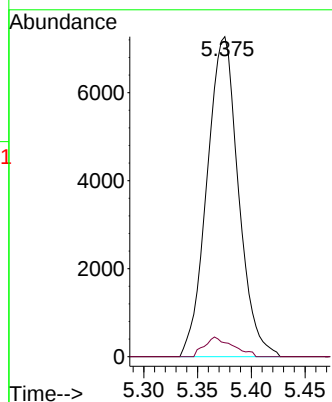
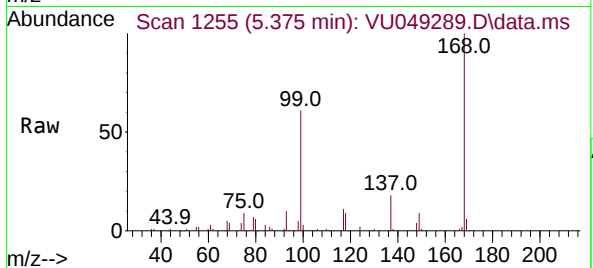




#31
Carbon tetrachloride
Concen: 5.040 ug/L
RT: 5.375 min Scan# 117
Delta R.T. -0.148 min
Lab File: VU049289.D
Acq: 18 Jun 2022 18:21

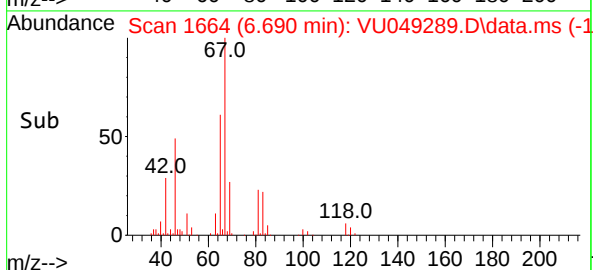
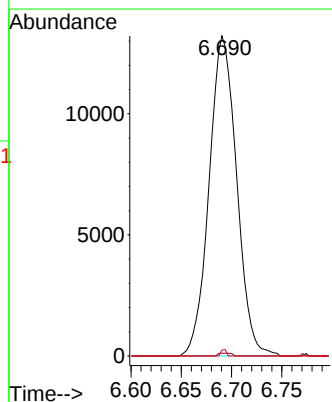
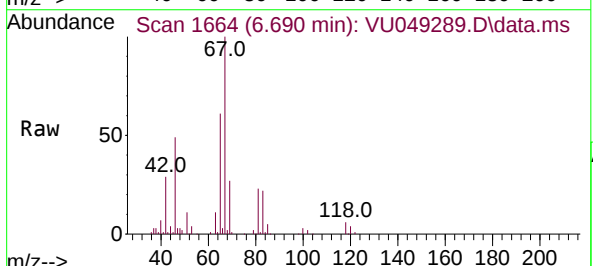
Instrument :
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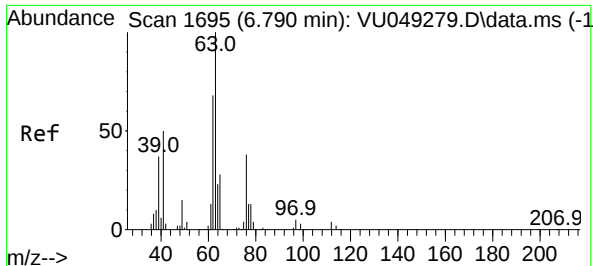
Tgt Ion:117 Resp: 14791
Ion Ratio Lower Upper
117 100
119 5.2 76.5 114.7#



#35
Methylcyclohexane
Concen: 9.182 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049289.D
Acq: 18 Jun 2022 18:21

Tgt Ion: 83 Resp: 25184
Ion Ratio Lower Upper
83 100
55 0.3 61.0 91.6#
98 0.4 36.8 55.2#





#37

1,2-Dichloropropane

Concen: 5.720 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049289.D

Acq: 18 Jun 2022 18:21

Instrument :

MSVOA_U

ClientSampleId :

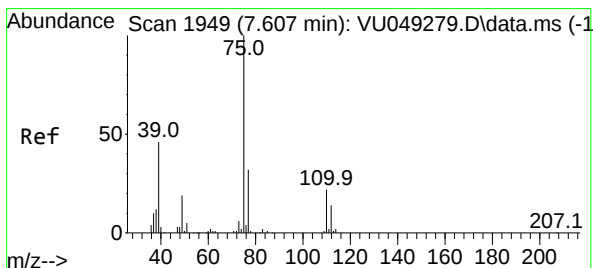
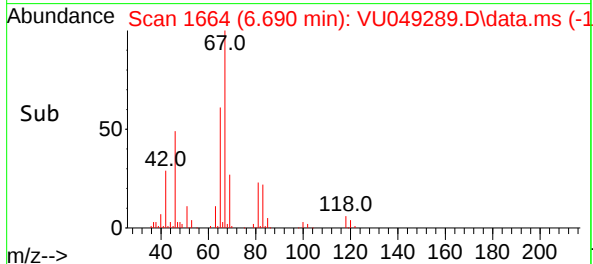
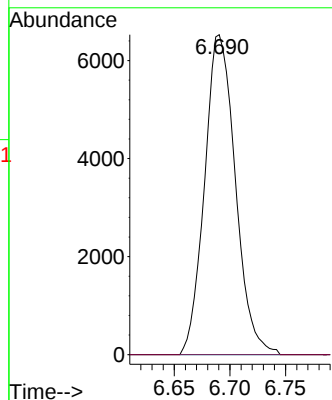
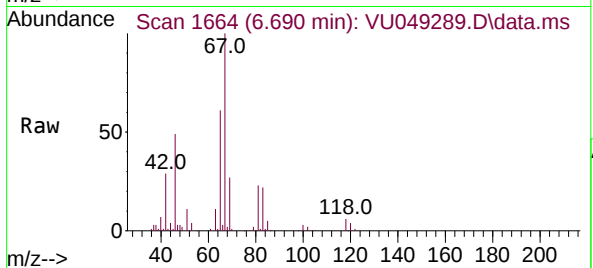
VHBLK001

Tgt Ion: 63 Resp: 12574

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.912 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU049289.D

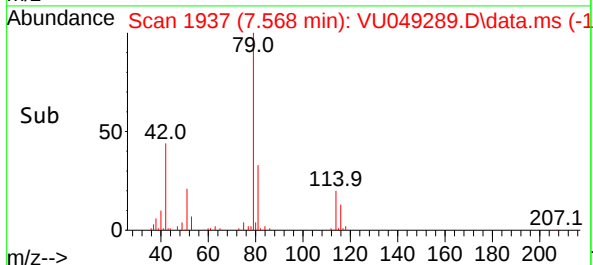
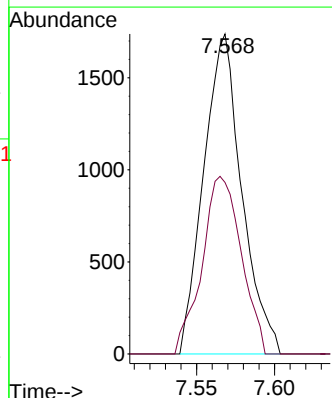
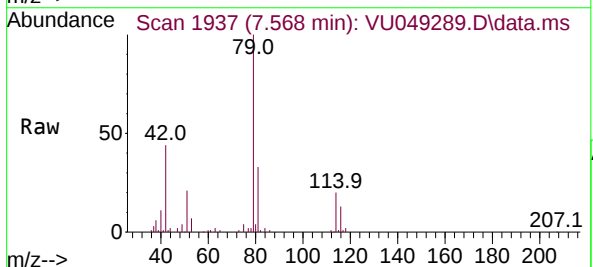
Acq: 18 Jun 2022 18:21

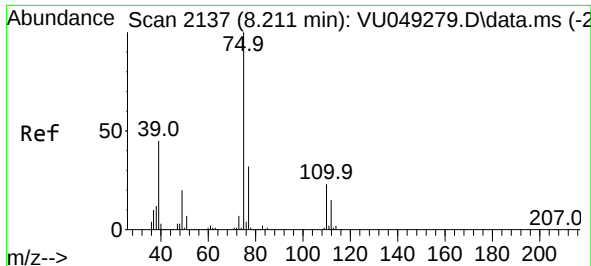
Tgt Ion: 75 Resp: 2951

Ion Ratio Lower Upper

75 100

77 53.6 22.6 42.0#

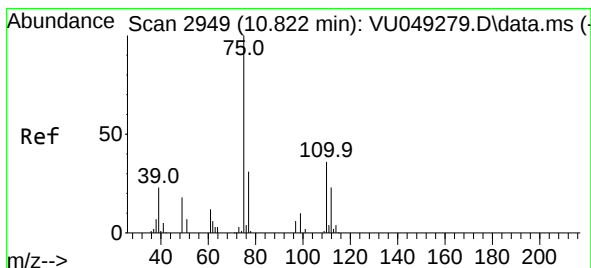
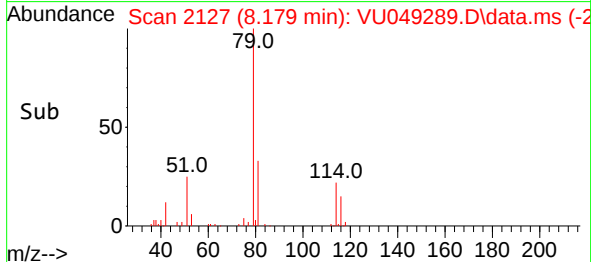
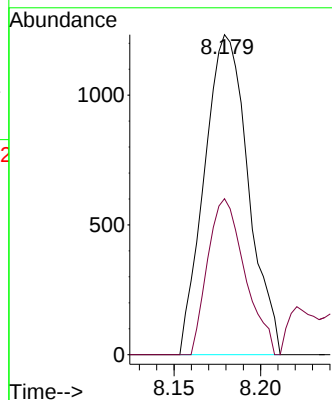
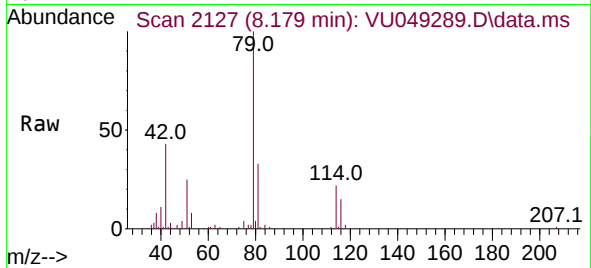




#44
trans-1,3-Dichloropropene
Concen: 0.679 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU049289.D
Acq: 18 Jun 2022 18:21

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ClientSampleId :
VHBLK001

Tgt Ion: 75 Resp: 2174
Ion Ratio Lower Upper
75 100
77 48.7 21.9 40.7#



#60
1,2,3-Trichloropropane
Concen: 5.136 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049289.D
Acq: 18 Jun 2022 18:21

Tgt Ion: 75 Resp: 14544
Ion Ratio Lower Upper
75 100
77 34.9 26.6 40.0
110 2.3 30.2 45.4#

