

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061822\
 Data File : VU049291.D
 Acq On : 18 Jun 2022 19:08
 Operator : SY/MD
 Sample : N3395-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0154

Quant Time: Jun 20 00:15:02 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)

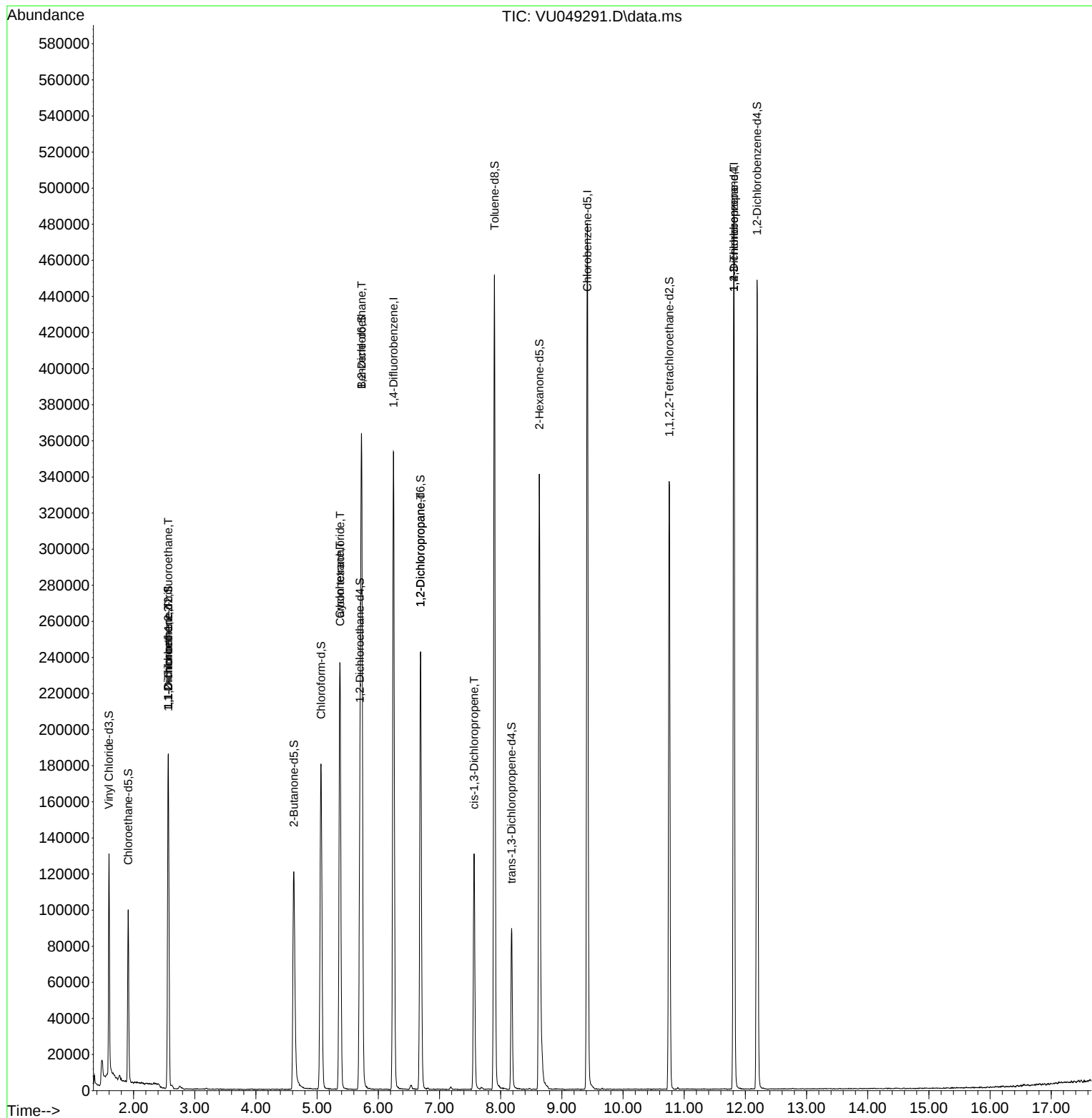
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	280984	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	261483	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	124553	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	84346	48.727	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.460%		
7) Chloroethane-d5	1.912	69	66475	52.303	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	104.600%		
11) 1,1-Dichloroethene-d2	2.565	63	115821	35.459	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.920%		
21) 2-Butanone-d5	4.620	46	186488	98.263	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.260%		
24) Chloroform-d	5.063	84	168648	45.671	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.340%		
26) 1,2-Dichloroethane-d4	5.700	65	111129	46.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.900%		
32) Benzene-d6	5.726	84	326496	50.355	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.700%		
36) 1,2-Dichloropropane-d6	6.690	67	117029	53.690	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	107.380%		
41) Toluene-d8	7.899	98	293923	51.401	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.800%		
43) trans-1,3-Dichloroprop...	8.179	79	49159	47.939	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.880%		
47) 2-Hexanone-d5	8.632	63	119089	104.390	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.390%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	170985	46.966	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.940%		
66) 1,2-Dichlorobenzene-d4	12.192	152	114762	52.955	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.920%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	830	0.419	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	967	0.558	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	2053	0.590	ug/L #	76
29) Cyclohexane	5.372	56	3490	1.193	ug/L #	1
31) Carbon tetrachloride	5.375	117	17157	5.380	ug/L #	7
37) 1,2-Dichloropropane	6.690	63	12874	5.389	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3175	0.903	ug/L #	70
60) 1,2,3-Trichloropropane	11.812	75	16694	5.284	ug/L #	68

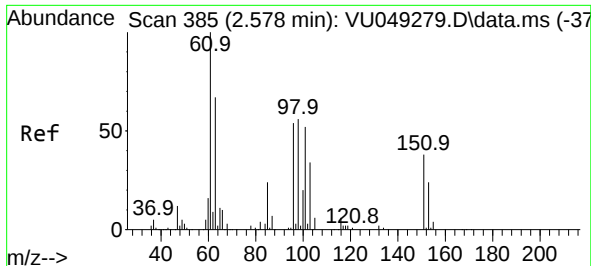
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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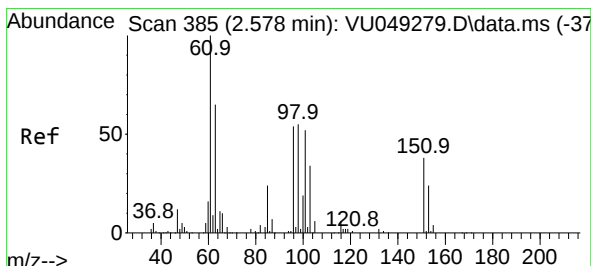
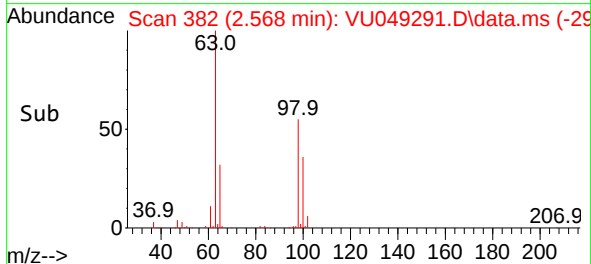
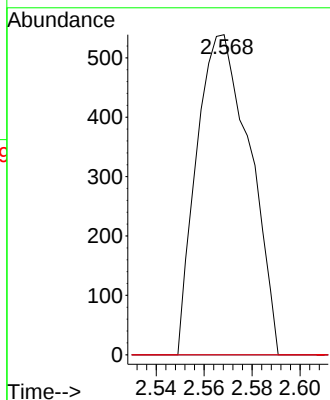
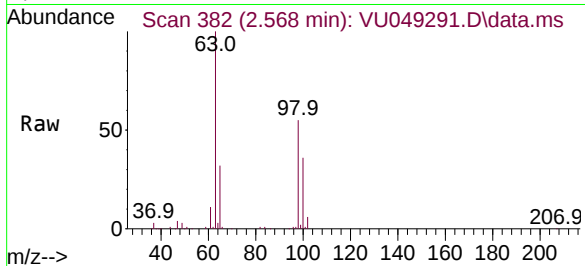




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.419 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU049291.D
 Acq: 18 Jun 2022 19:08

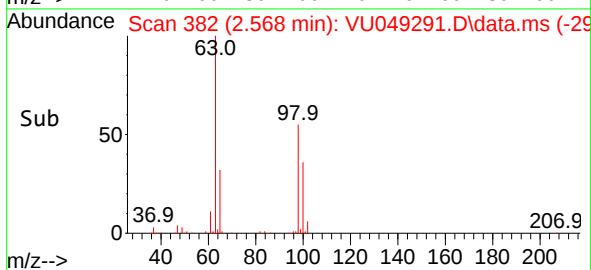
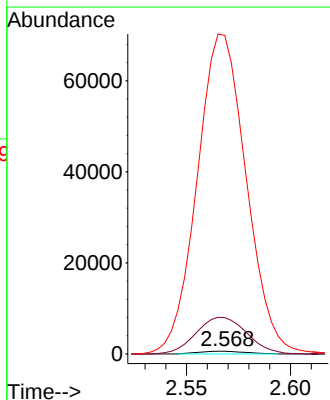
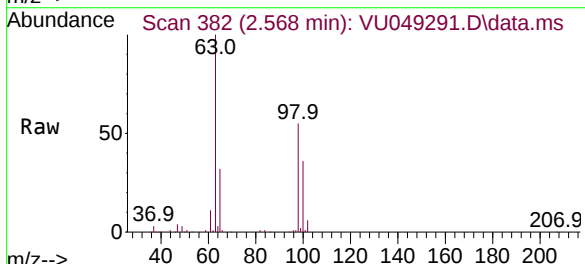
Instrument :
 MSVOA_U
 ClientSampleId :
 C0154

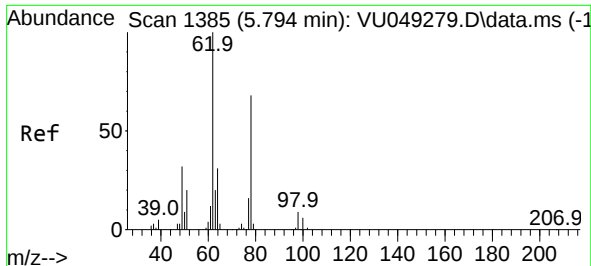
Tgt Ion:101 Resp: 830
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 0.558 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU049291.D
 Acq: 18 Jun 2022 19:08

Tgt Ion: 96 Resp: 967
 Ion Ratio Lower Upper
 96 100
 61 1298.0 123.5 229.3#
 63 11396.7 86.0 159.8#

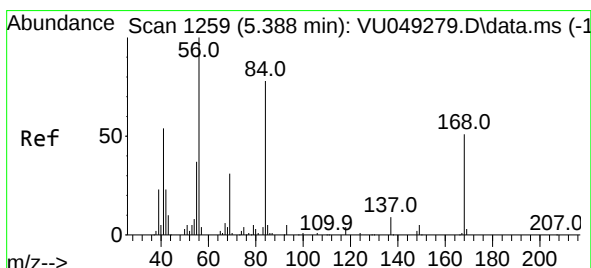
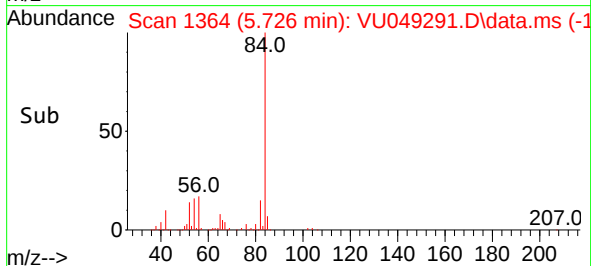
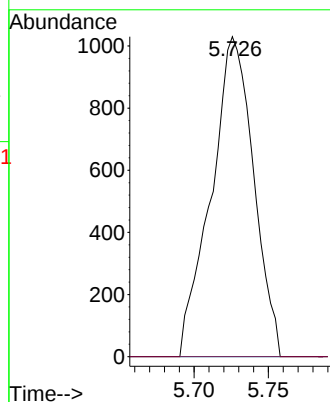
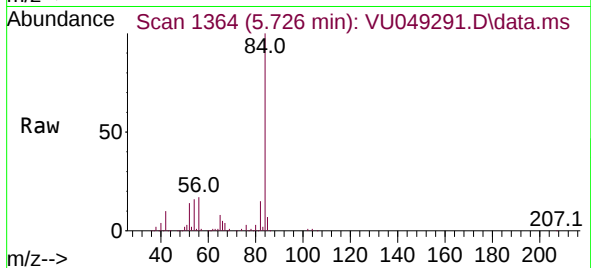




#27
1,2-Dichloroethane
Concen: 0.590 ug/L
RT: 5.726 min Scan# 11
Delta R.T. -0.068 min
Lab File: VU049291.D
Acq: 18 Jun 2022 19:08

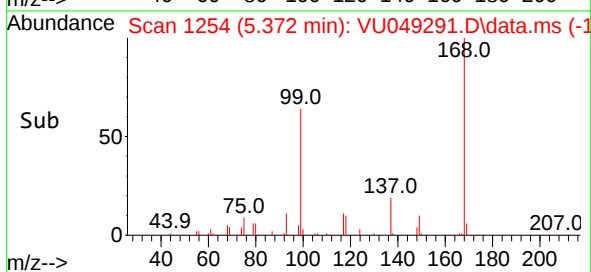
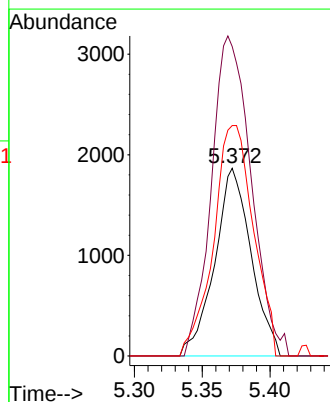
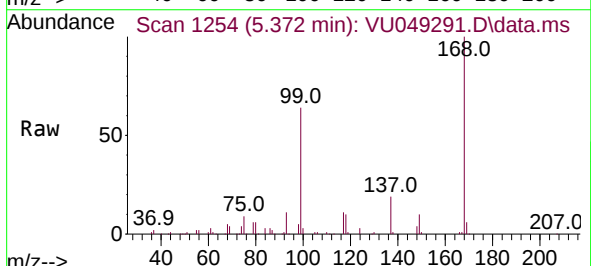
Instrument :
MSVOA_U
ClientSampleId :
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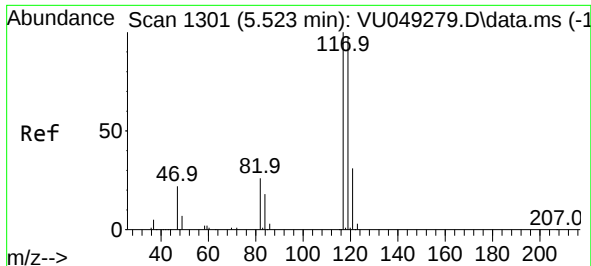
Tgt Ion: 62 Resp: 2053
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#



#29
Cyclohexane
Concen: 1.193 ug/L
RT: 5.372 min Scan# 1254
Delta R.T. -0.016 min
Lab File: VU049291.D
Acq: 18 Jun 2022 19:08

Tgt Ion: 56 Resp: 3490
Ion Ratio Lower Upper
56 100
69 184.6 24.6 36.8#
84 134.5 69.7 104.5#

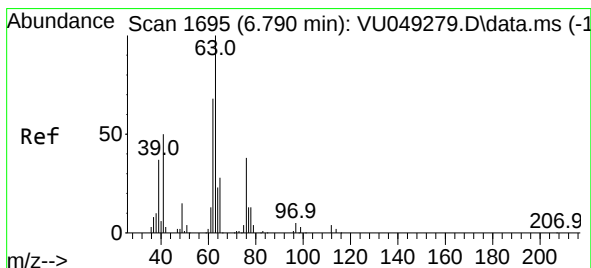
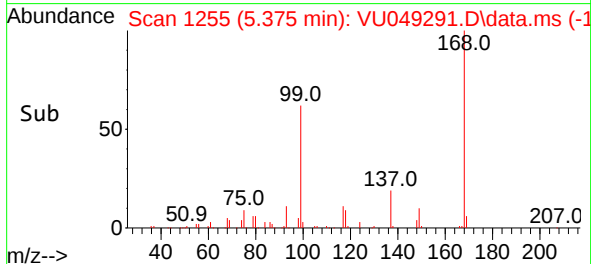
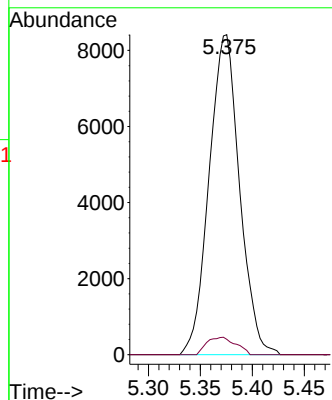
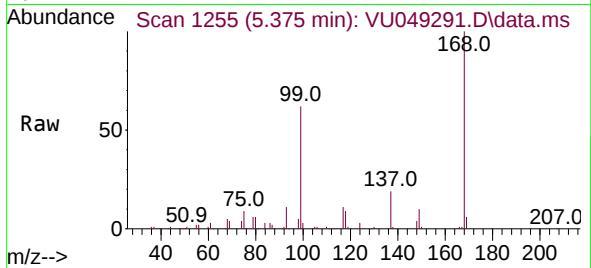




#31
Carbon tetrachloride
Concen: 5.380 ug/L
RT: 5.375 min Scan# 11
Delta R.T. -0.148 min
Lab File: VU049291.D
Acq: 18 Jun 2022 19:08

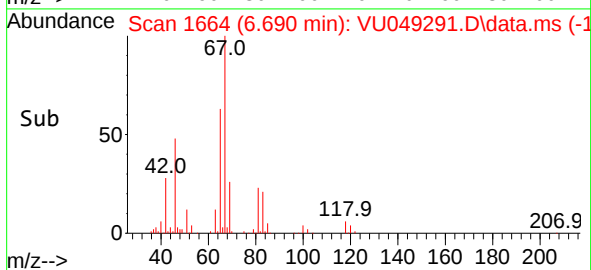
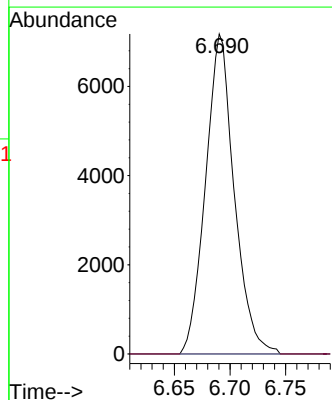
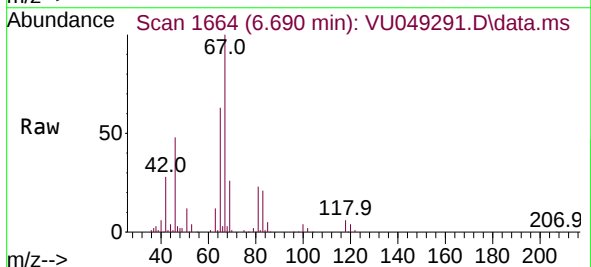
Instrument :
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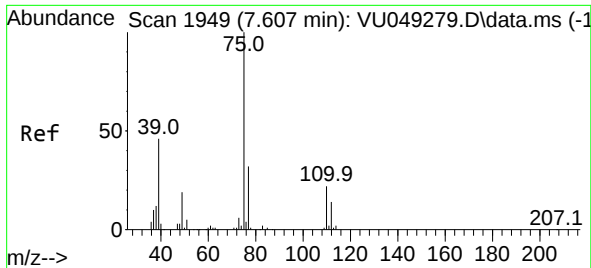
Tgt Ion:117 Resp: 17157
Ion Ratio Lower Upper
117 100
119 5.2 76.5 114.7#



#37
1,2-Dichloropropane
Concen: 5.389 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049291.D
Acq: 18 Jun 2022 19:08

Tgt Ion: 63 Resp: 12874
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.903 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049291.D

Acq: 18 Jun 2022 19:08

Instrument :

MSVOA_U

ClientSampleId :

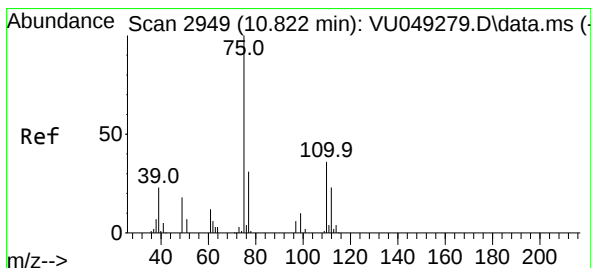
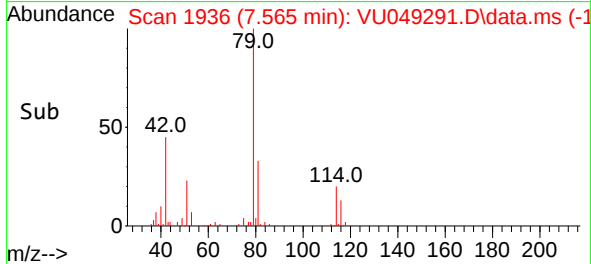
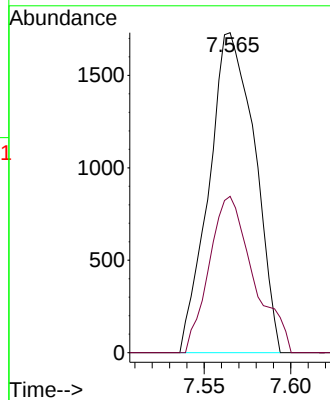
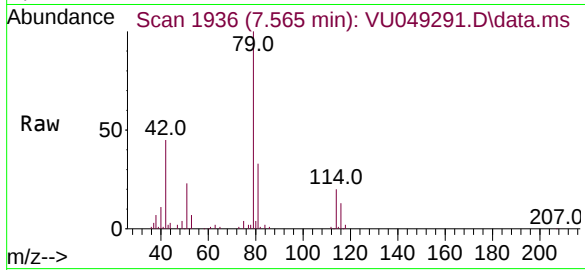
C0154

Tgt Ion: 75 Resp: 3175

Ion Ratio Lower Upper

75 100

77 48.9 22.6 42.0#



#60

1,2,3-Trichloropropane

Concen: 5.284 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049291.D

Acq: 18 Jun 2022 19:08

Tgt Ion: 75 Resp: 16694

Ion Ratio Lower Upper

75 100

77 33.0 26.6 40.0

110 1.8 30.2 45.4#

