

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
 Data File : VU049087.D
 Acq On : 12 Jun 2022 13:38
 Operator : SY/MD
 Sample : N3255-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ6

Quant Time: Jun 13 05:03:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 05:01:30 2022
 Response via : Initial Calibration

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

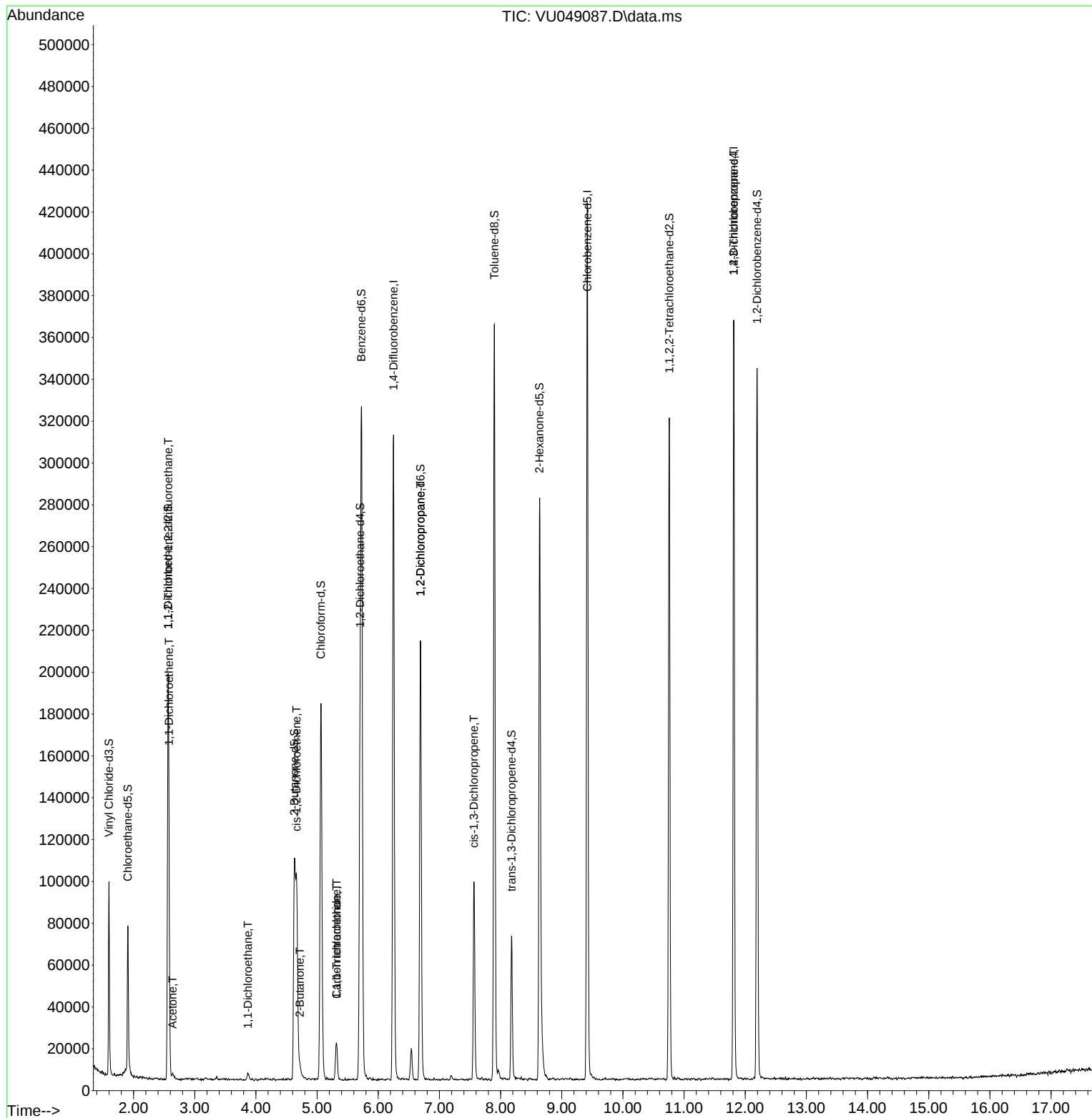
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	247374	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	240801	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	98468	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	65765	43.155	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.300%		
7) Chloroethane-d5	1.906	69	47969	42.870	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.740%		
11) 1,1-Dichloroethene-d2	2.565	63	108018	37.564	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.120%		
21) 2-Butanone-d5	4.629	46	163240	97.700	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.700%		
24) Chloroform-d	5.063	84	158566	48.775	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.560%		
26) 1,2-Dichloroethane-d4	5.703	65	109972	52.214	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.420%		
32) Benzene-d6	5.726	84	296920	49.726	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.460%		
36) 1,2-Dichloropropane-d6	6.690	67	99822	49.729	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.460%		
41) Toluene-d8	7.899	98	240028	45.581	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.160%		
43) trans-1,3-Dichloroprop...	8.179	79	39504	41.832	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.660%		
47) 2-Hexanone-d5	8.636	63	87399	83.191	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.190%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	154813	46.176	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.360%		
66) 1,2-Dichlorobenzene-d4	12.195	152	92191	53.809	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.620%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1054	0.605	ug/L #	19
12) 1,1-Dichloroethene	2.578	96	23813	15.610	ug/L #	61
13) Acetone	2.639	43	4043	3.075	ug/L	99
19) 1,1-Dichloroethane	3.867	63	2070	0.573	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	39222	19.221	ug/L	95
22) 2-Butanone	4.716	43	2577	1.275	ug/L #	62
30) 1,1,1-Trichloroethane	5.317	97	14299	4.258	ug/L	97
31) Carbon tetrachloride	5.317	117	1731	0.589	ug/L #	66
37) 1,2-Dichloropropane	6.690	63	10833	4.924	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2418	0.747	ug/L #	66
60) 1,2,3-Trichloropropane	11.812	75	10239	4.099	ug/L #	67

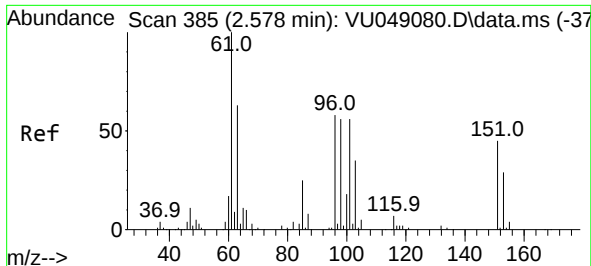
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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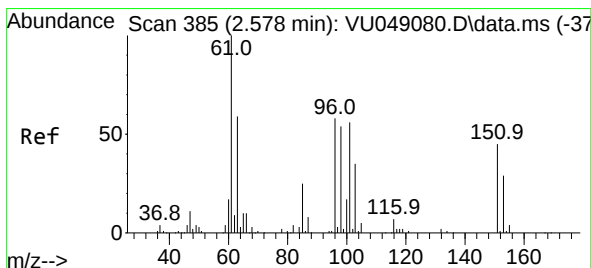
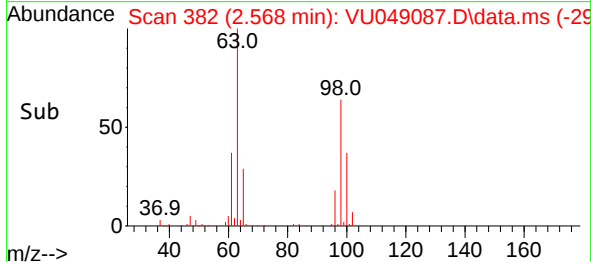
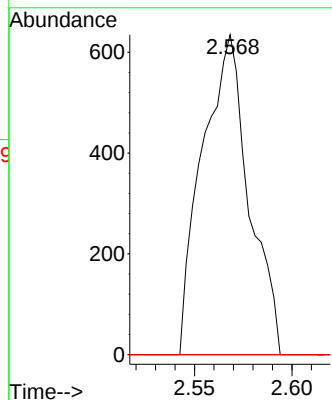
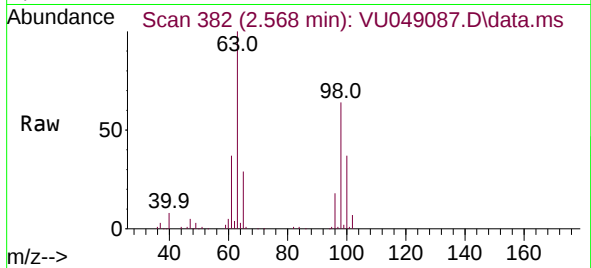




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.605 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VU049087.D
 Acq: 12 Jun 2022 13:38

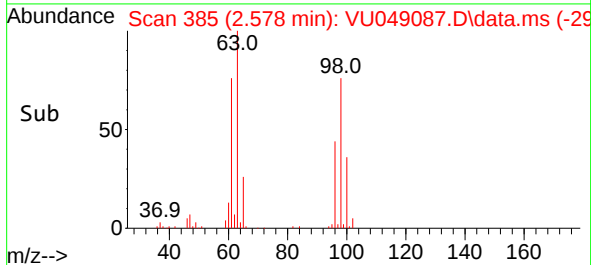
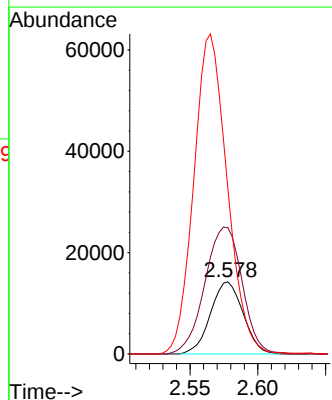
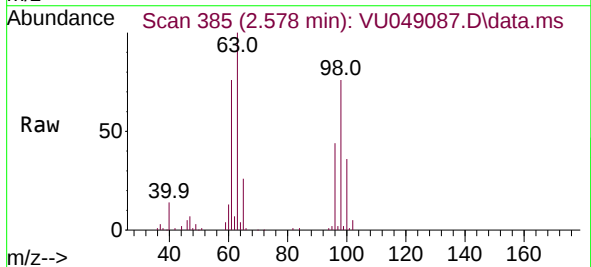
Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ6

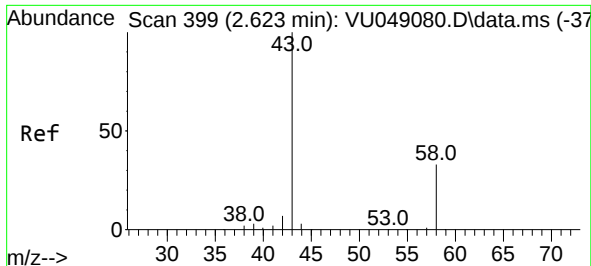
Tgt Ion:101 Resp: 1054
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 15.610 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049087.D
 Acq: 12 Jun 2022 13:38

Tgt Ion: 96 Resp: 23813
 Ion Ratio Lower Upper
 96 100
 61 174.9 123.5 229.3
 63 228.8 86.0 159.8#





#13

Acetone

Concen: 3.075 ug/L

RT: 2.639 min Scan# 404

Delta R.T. 0.016 min

Lab File: VU049087.D

Acq: 12 Jun 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

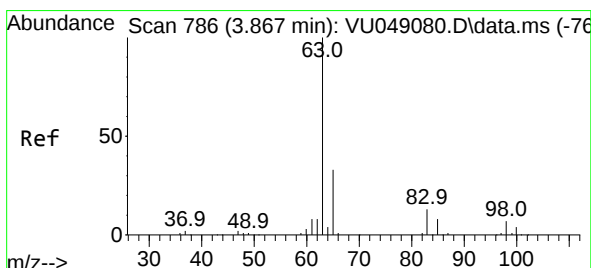
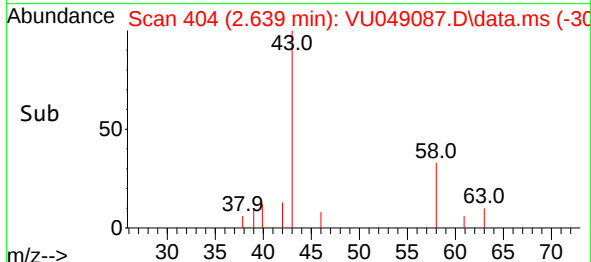
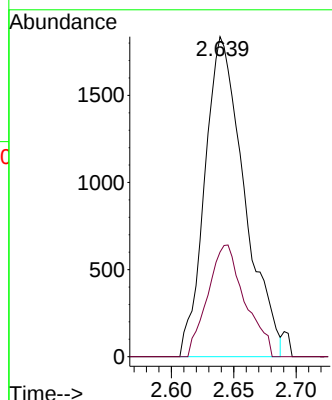
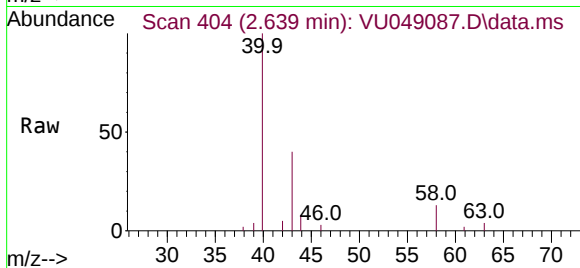
C0DJ6

Tgt Ion: 43 Resp: 4043

Ion Ratio Lower Upper

43 100

58 32.8 0.0 66.4



#19

1,1-Dichloroethane

Concen: 0.573 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU049087.D

Acq: 12 Jun 2022 13:38

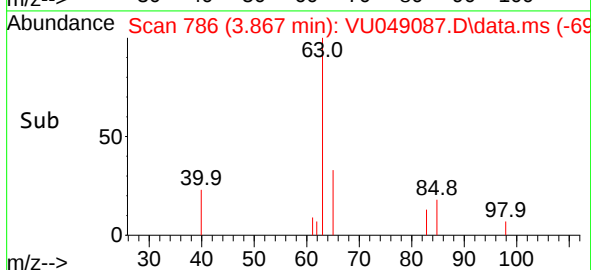
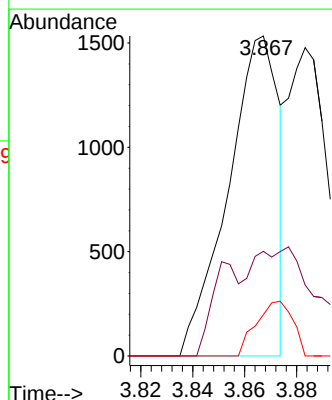
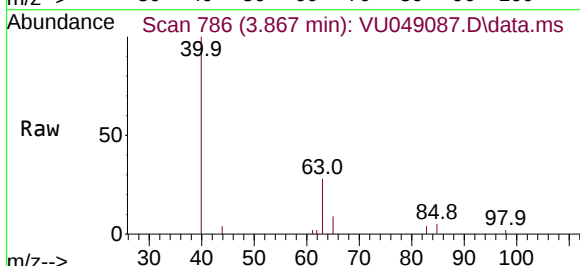
Tgt Ion: 63 Resp: 2070

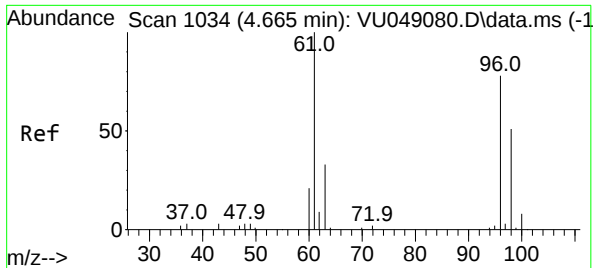
Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.5

83 12.9 9.5 17.7

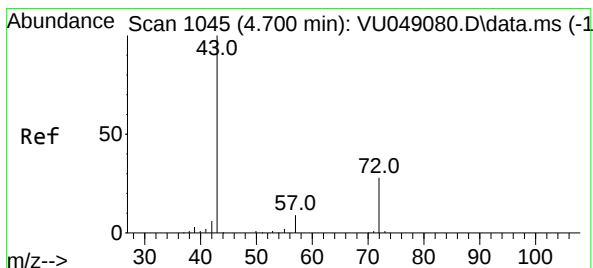
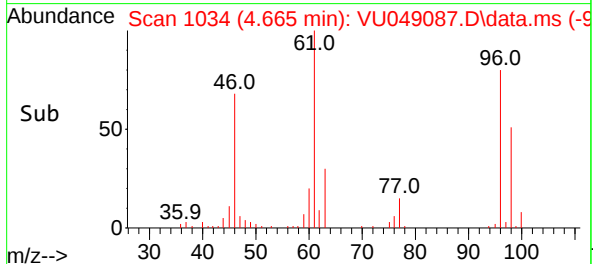
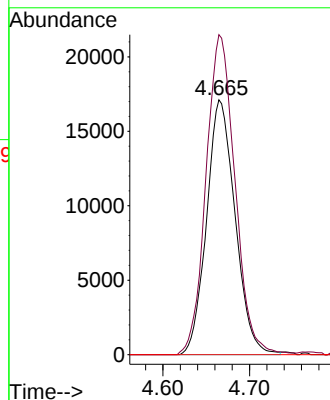
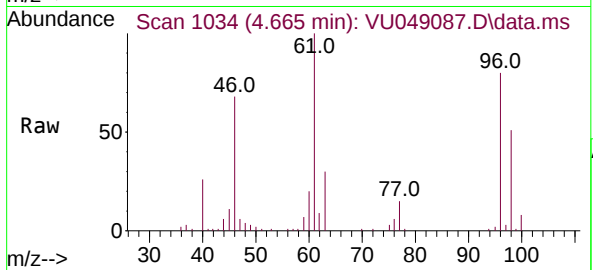




#20
 cis-1,2-Dichloroethene
 Concen: 19.221 ug/L
 RT: 4.665 min Scan# 1050
 Delta R.T. -0.000 min
 Lab File: VU049087.D
 Acq: 12 Jun 2022 13:38

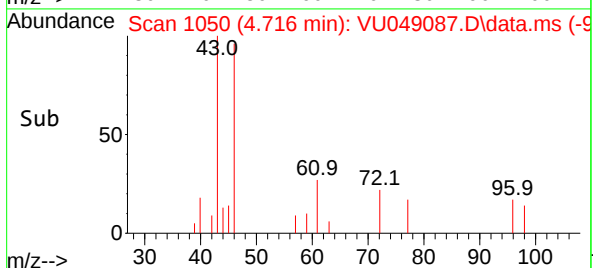
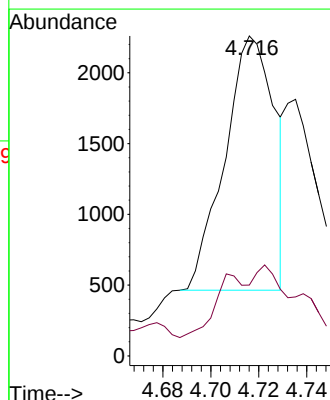
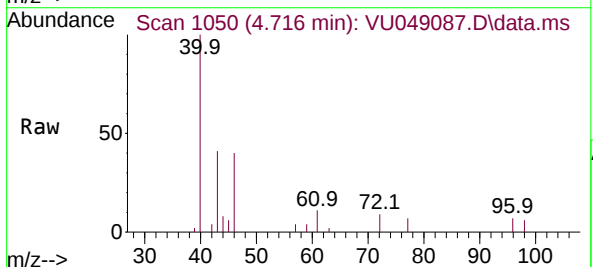
Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ6

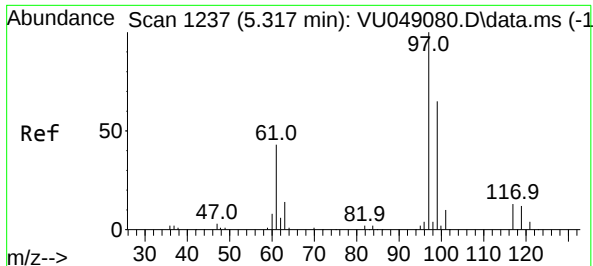
Tgt Ion: 96 Resp: 39222
 Ion Ratio Lower Upper
 96 100
 61 125.5 91.6 170.2
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 1.275 ug/L
 RT: 4.716 min Scan# 1050
 Delta R.T. 0.016 min
 Lab File: VU049087.D
 Acq: 12 Jun 2022 13:38

Tgt Ion: 43 Resp: 2577
 Ion Ratio Lower Upper
 43 100
 72 7.6 13.7 41.0#





#30

1,1,1-Trichloroethane

Concen: 4.258 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU049087.D

Acq: 12 Jun 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

C0DJ6

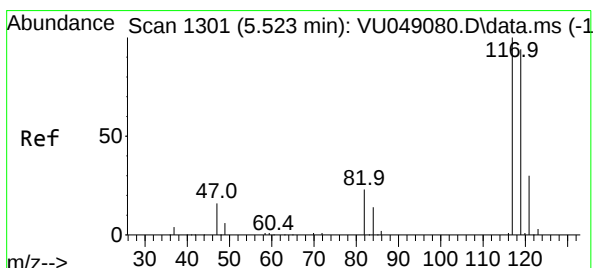
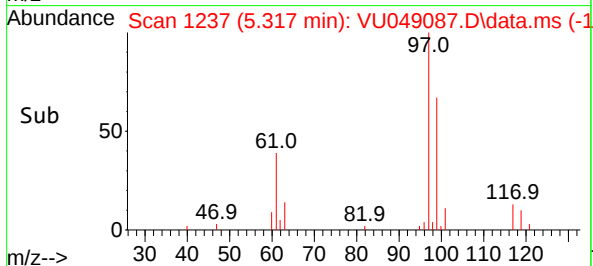
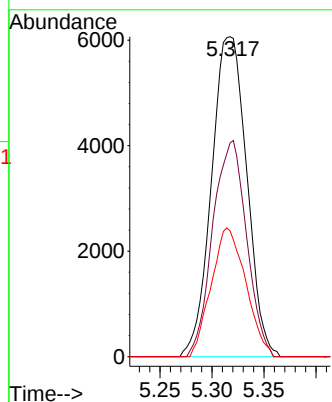
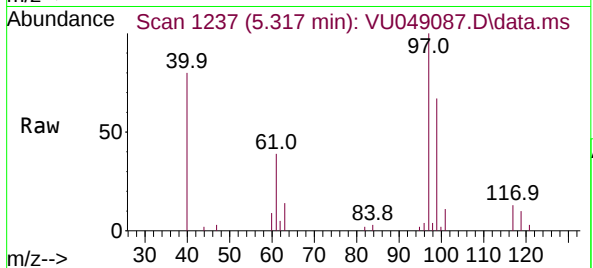
Tgt Ion: 97 Resp: 14299

Ion Ratio Lower Upper

97 100

99 64.8 50.9 76.3

61 39.5 34.2 51.2



#31

Carbon tetrachloride

Concen: 0.589 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.206 min

Lab File: VU049087.D

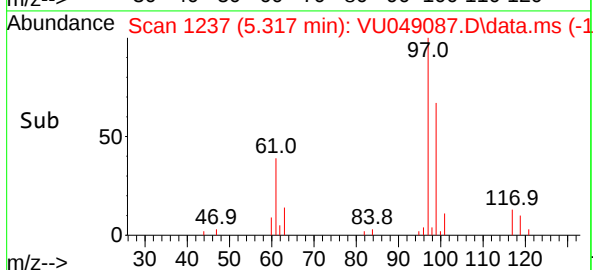
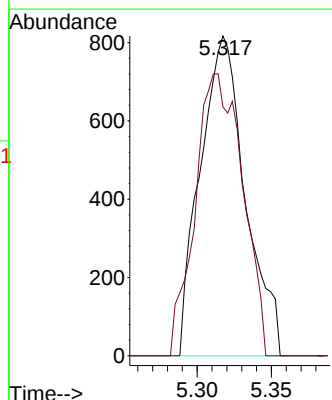
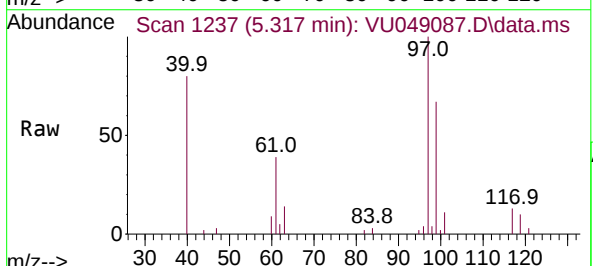
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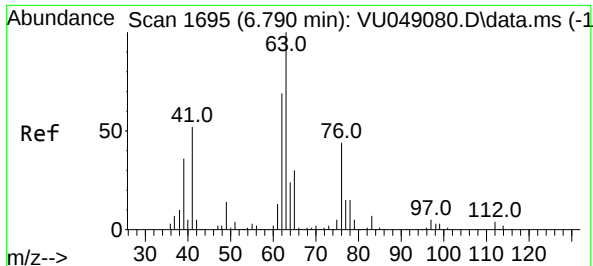
Tgt Ion: 117 Resp: 1731

Ion Ratio Lower Upper

117 100

119 62.2 76.5 114.7#





#37

1,2-Dichloropropane

Concen: 4.924 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049087.D

Acq: 12 Jun 2022 13:38

Instrument :

MSVOA_U

ClientSampleId :

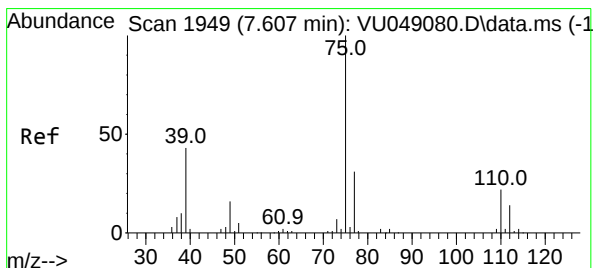
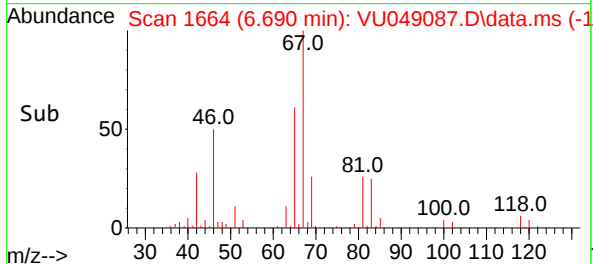
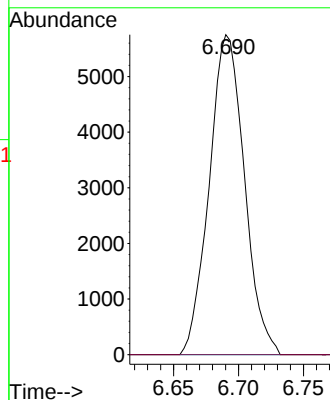
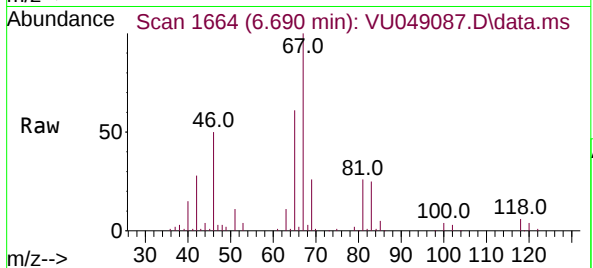
C0DJ6

Tgt Ion: 63 Resp: 10833

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.747 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU049087.D

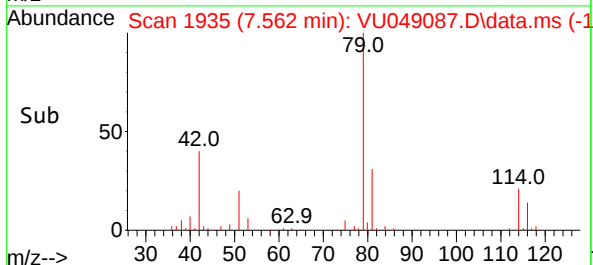
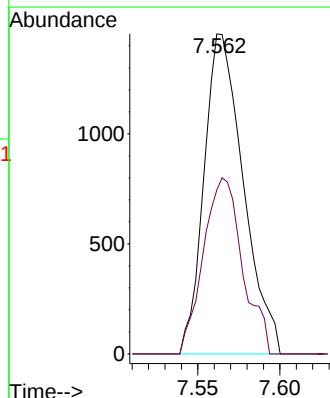
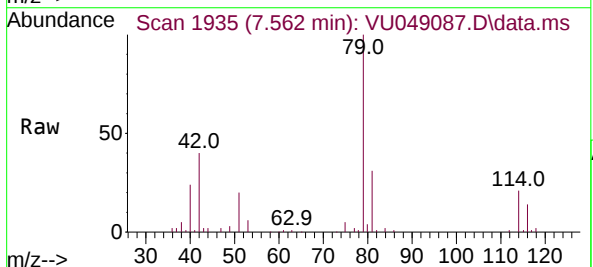
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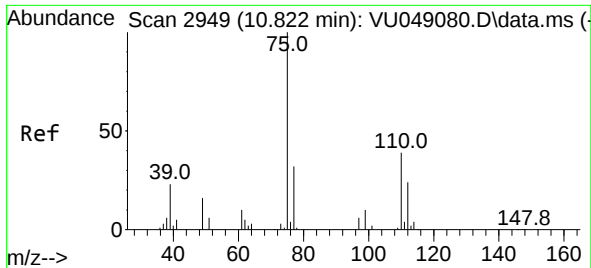
Tgt Ion: 75 Resp: 2418

Ion Ratio Lower Upper

75 100

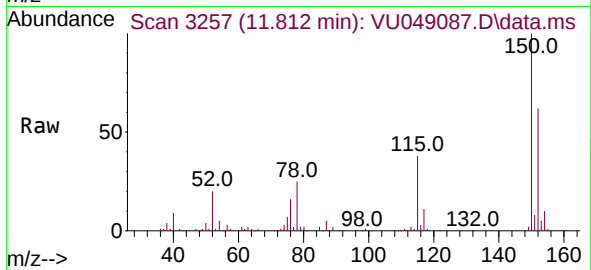
77 51.2 22.6 42.0#





#60
 1,2,3-Trichloropropane
 Concen: 4.099 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049087.D
 Acq: 12 Jun 2022 13:38

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ6



Tgt Ion:	75	Resp:	10239
Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.6	40.0
110	1.7	30.2	45.4

