

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
 Data File : VU049092.D
 Acq On : 12 Jun 2022 15:36
 Operator : SY/MD
 Sample : N3255-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DL3

Quant Time: Jun 13 05:04:31 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)

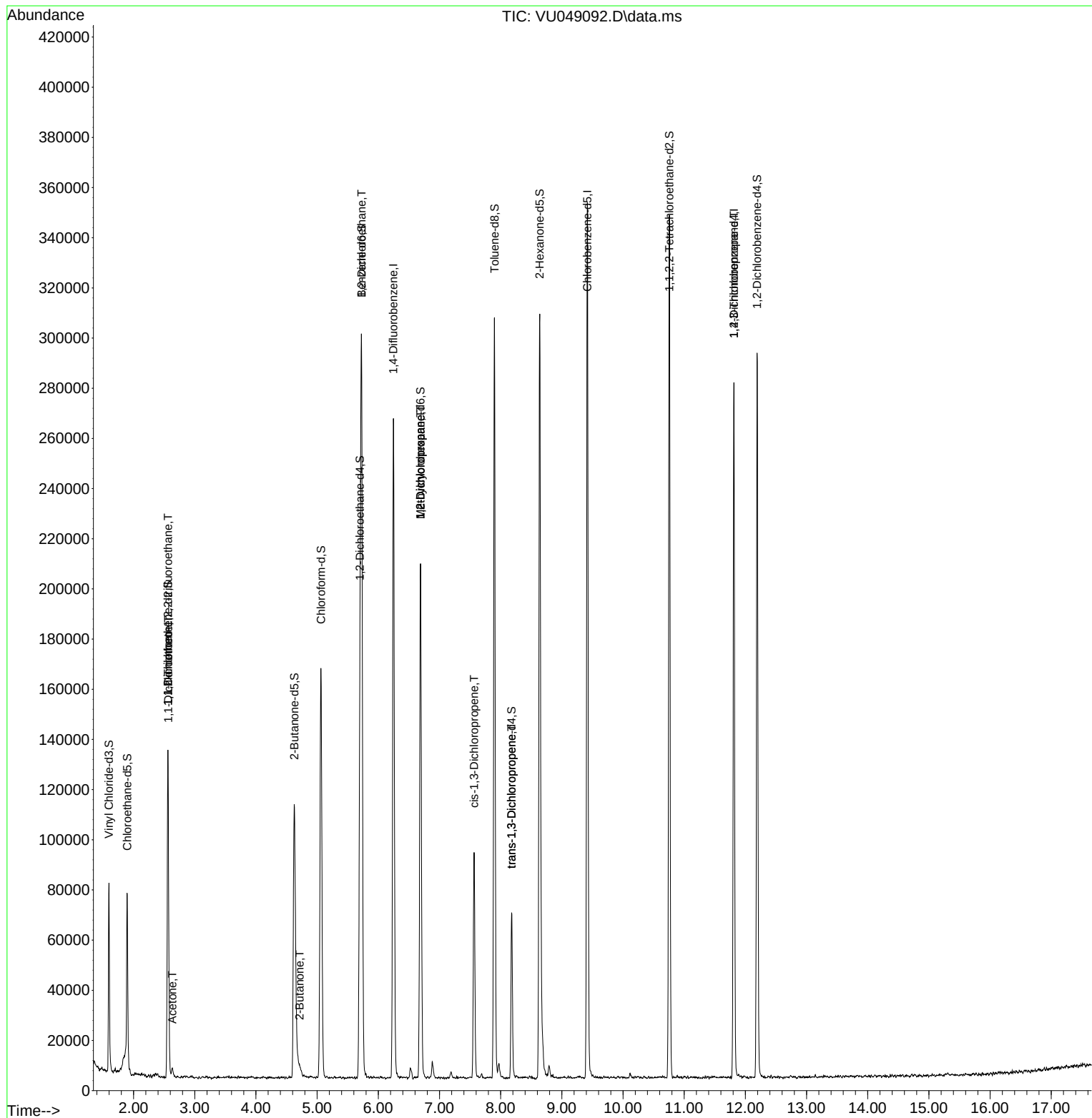
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	214000	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	197195	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74684	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57056	43.279	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.560%		
7) Chloroethane-d5	1.896	69	46758	48.305	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.600%		
11) 1,1-Dichloroethene-d2	2.562	63	77263	31.059	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.120%		
21) 2-Butanone-d5	4.626	46	173888	120.303	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	120.300%		
24) Chloroform-d	5.064	84	154002	54.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.520%		
26) 1,2-Dichloroethane-d4	5.700	65	110930	60.883	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	121.760%		
32) Benzene-d6	5.726	84	268687	54.949	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.900%		
36) 1,2-Dichloropropane-d6	6.690	67	97203	59.132	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	118.260%		
41) Toluene-d8	7.899	98	198132	45.945	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.880%		
43) trans-1,3-Dichloroprop...	8.179	79	37418	48.385	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.760%		
47) 2-Hexanone-d5	8.636	63	97914	113.810	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	113.810%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	164143	59.786	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	119.580%		
66) 1,2-Dichlorobenzene-d4	12.192	152	77438	59.592	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	119.180%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	705	0.468	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	501	0.380	ug/L #	1
13) Acetone	2.633	43	5011	4.406	ug/L	97
22) 2-Butanone	4.713	43	2191	1.254	ug/L	90
27) 1,2-Dichloroethane	5.726	62	1308	0.493	ug/L #	76
35) Methylcyclohexane	6.690	83	23053	10.256	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	10596	5.882	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2344	0.884	ug/L	83
44) trans-1,3-Dichloropropene	8.179	75	1693	0.645	ug/L	98
60) 1,2,3-Trichloropropane	11.812	75	7775	4.104	ug/L #	65

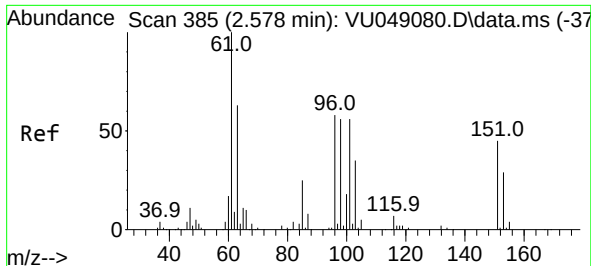
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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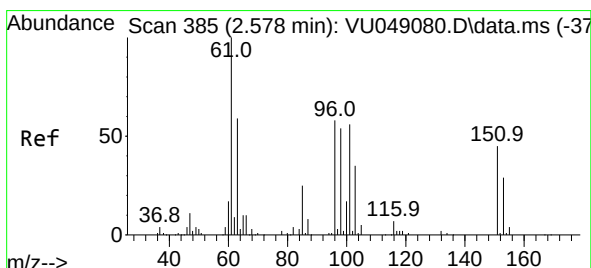
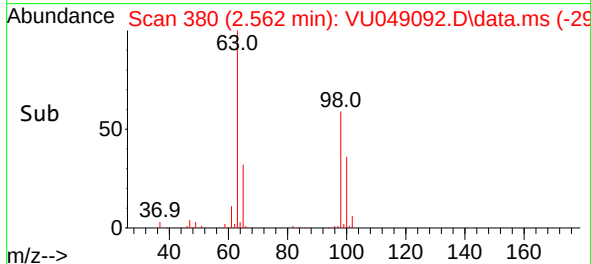
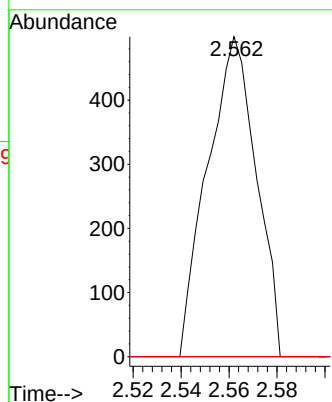
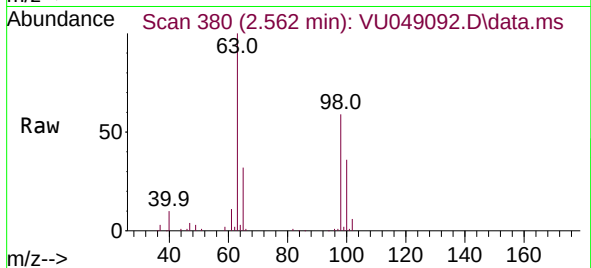




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.468 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU049092.D
 Acq: 12 Jun 2022 15:36

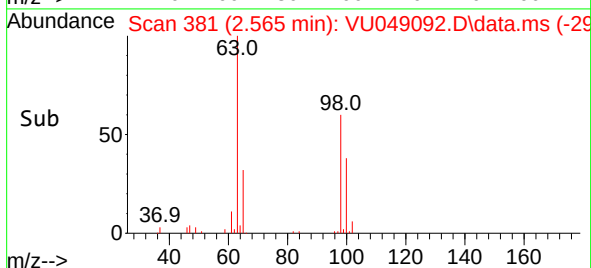
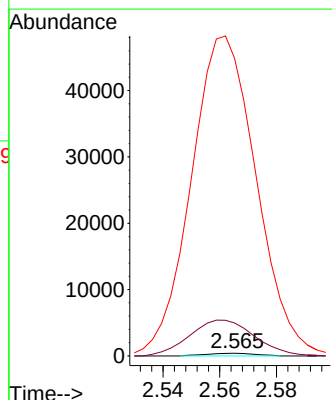
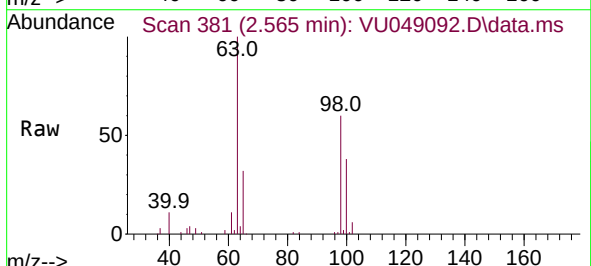
Instrument :
 MSVOA_U
 ClientSampleId :
 CODL3

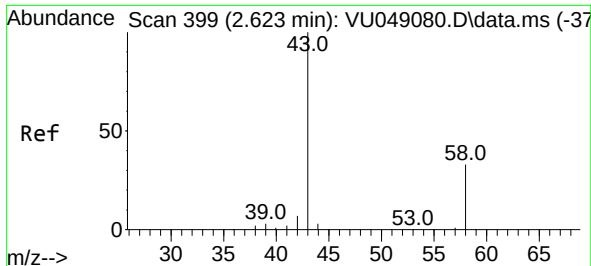
Tgt Ion:101 Resp: 705
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 0.380 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU049092.D
 Acq: 12 Jun 2022 15:36

Tgt Ion: 96 Resp: 501
 Ion Ratio Lower Upper
 96 100
 61 1202.2 123.5 229.3#
 63 10863.0 86.0 159.8#





#13

Acetone

Concen: 4.406 ug/L

RT: 2.633 min Scan# 40

Delta R.T. 0.010 min

Lab File: VU049092.D

Acq: 12 Jun 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

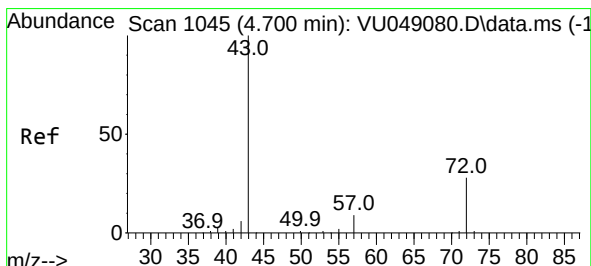
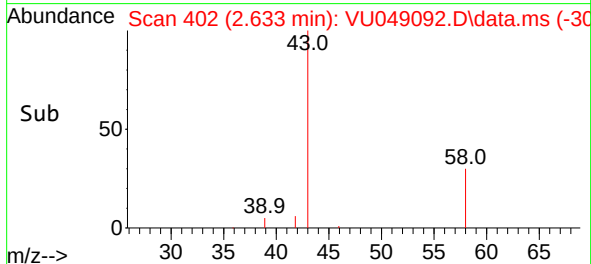
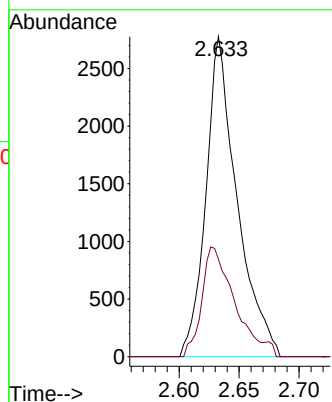
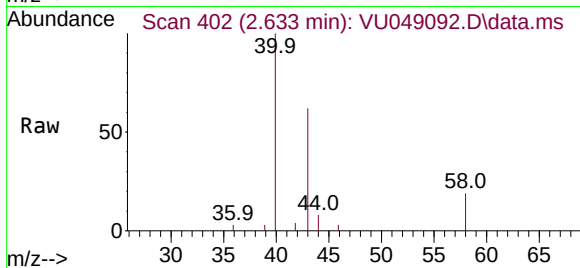
CODL3

Tgt Ion: 43 Resp: 5011

Ion Ratio Lower Upper

43 100

58 35.0 0.0 66.4



#22

2-Butanone

Concen: 1.254 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.013 min

Lab File: VU049092.D

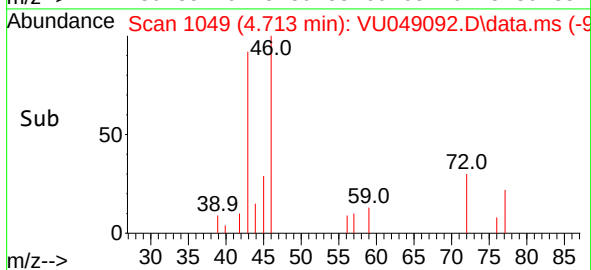
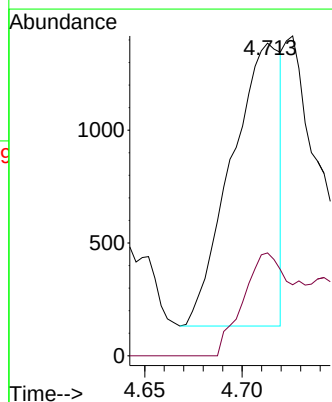
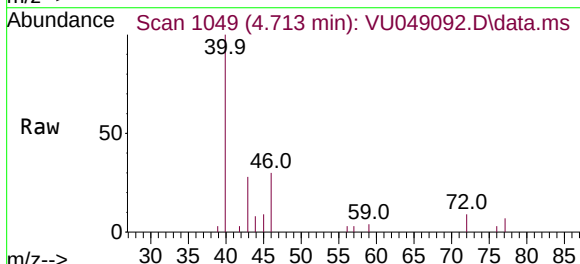
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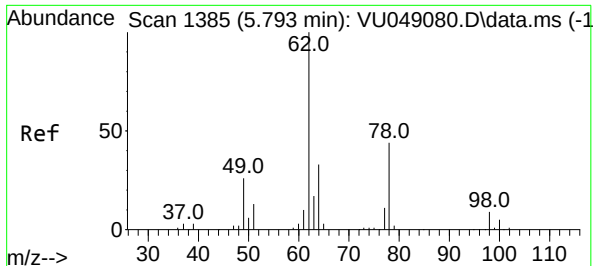
Tgt Ion: 43 Resp: 2191

Ion Ratio Lower Upper

43 100

72 32.7 13.7 41.0

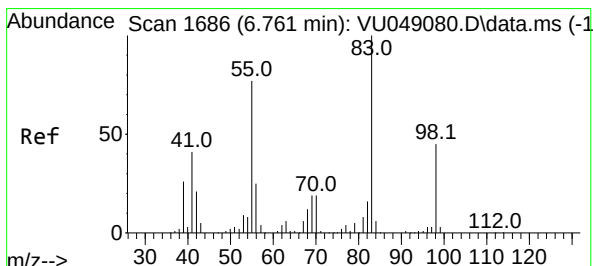
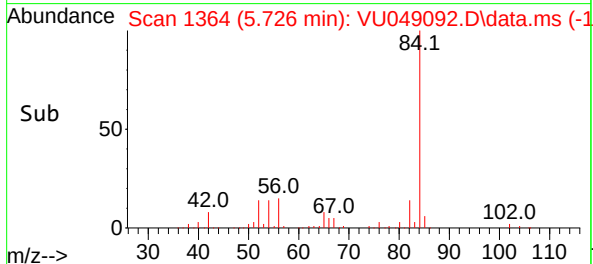
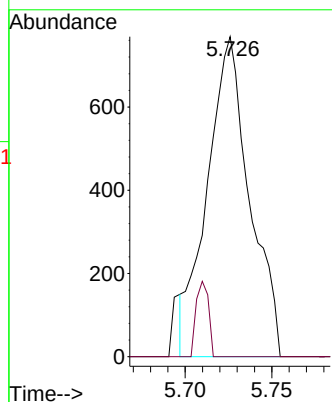
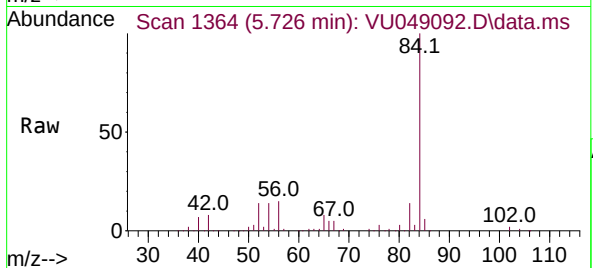




#27
1,2-Dichloroethane
Concen: 0.493 ug/L
RT: 5.726 min Scan# 11
Delta R.T. -0.067 min
Lab File: VU049092.D
Acq: 12 Jun 2022 15:36

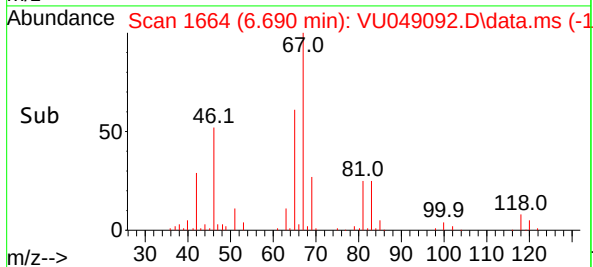
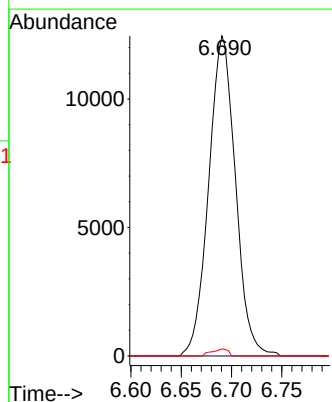
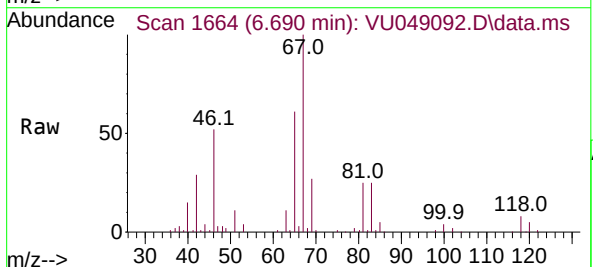
Instrument :
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CODL3

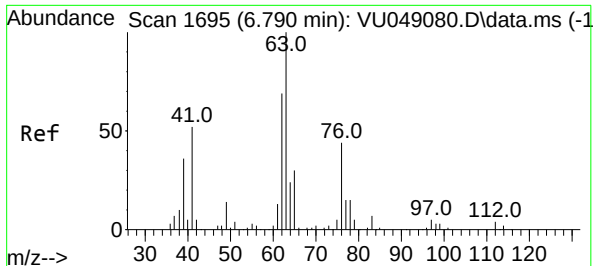
Tgt Ion: 62 Resp: 1308
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#



#35
Methylcyclohexane
Concen: 10.256 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU049092.D
Acq: 12 Jun 2022 15:36

Tgt Ion: 83 Resp: 23053
Ion Ratio Lower Upper
83 100
55 2.2 61.0 91.6#
98 1.3 36.8 55.2#





#37

1,2-Dichloropropane

Concen: 5.882 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049092.D

Acq: 12 Jun 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

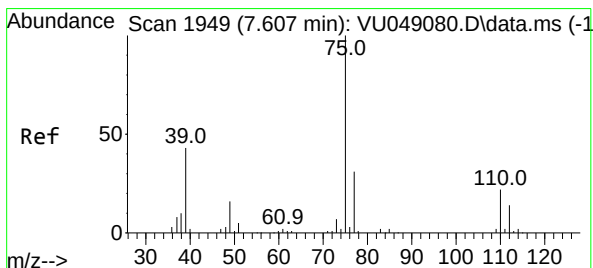
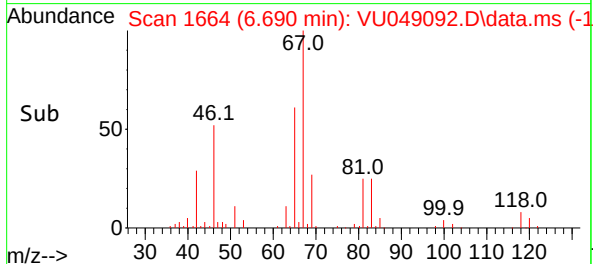
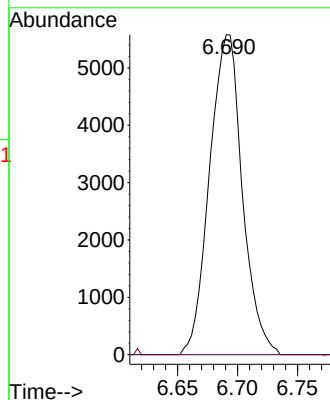
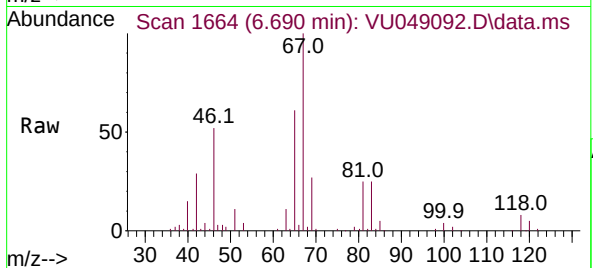
CODL3

Tgt Ion: 63 Resp: 10596

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.884 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049092.D

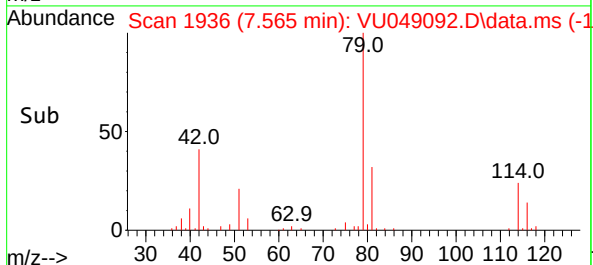
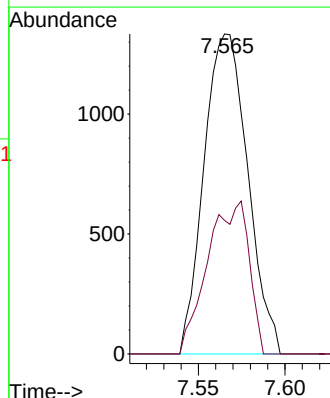
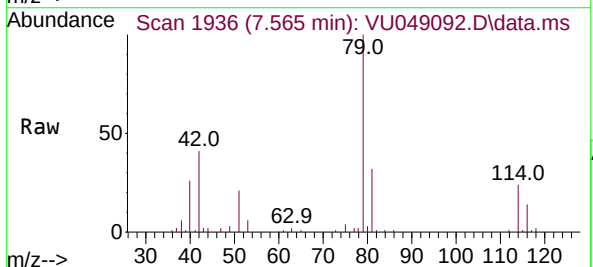
Acq: 12 Jun 2022 15:36

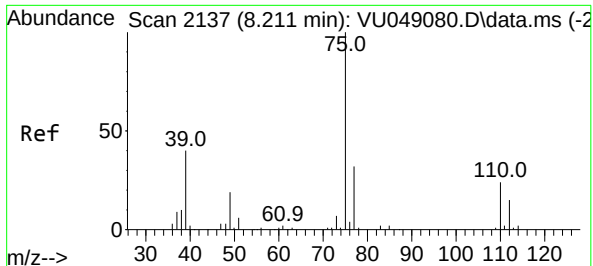
Tgt Ion: 75 Resp: 2344

Ion Ratio Lower Upper

75 100

77 41.8 22.6 42.0





#44

trans-1,3-Dichloropropene

Concen: 0.645 ug/L

RT: 8.179 min Scan# 21

Delta R.T. -0.032 min

Lab File: VU049092.D

Acq: 12 Jun 2022 15:36

Instrument :

MSVOA_U

ClientSampleId :

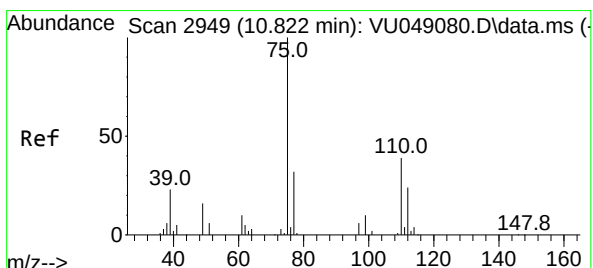
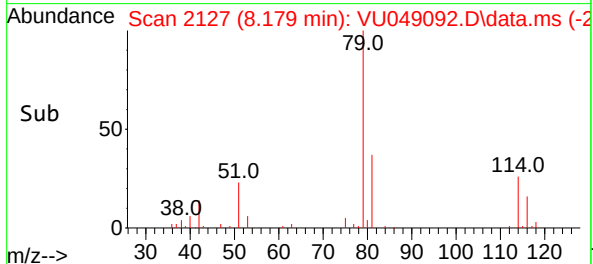
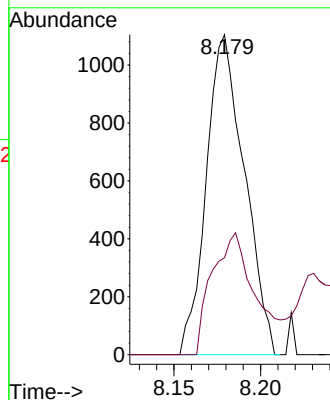
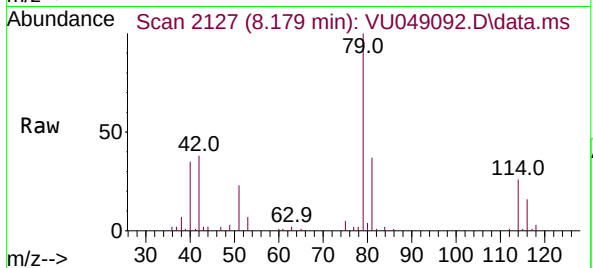
CODL3

Tgt Ion: 75 Resp: 1693

Ion Ratio Lower Upper

75 100

77 30.3 21.9 40.7



#60

1,2,3-Trichloropropane

Concen: 4.104 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049092.D

Acq: 12 Jun 2022 15:36

Tgt Ion: 75 Resp: 7775

Ion Ratio Lower Upper

75 100

77 36.1 26.6 40.0

110 0.6 30.2 45.4#

