

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061222\
 Data File : VU049088.D
 Acq On : 12 Jun 2022 14:02
 Operator : SY/MD
 Sample : N3255-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ7

Quant Time: Jun 13 05:03:41 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)

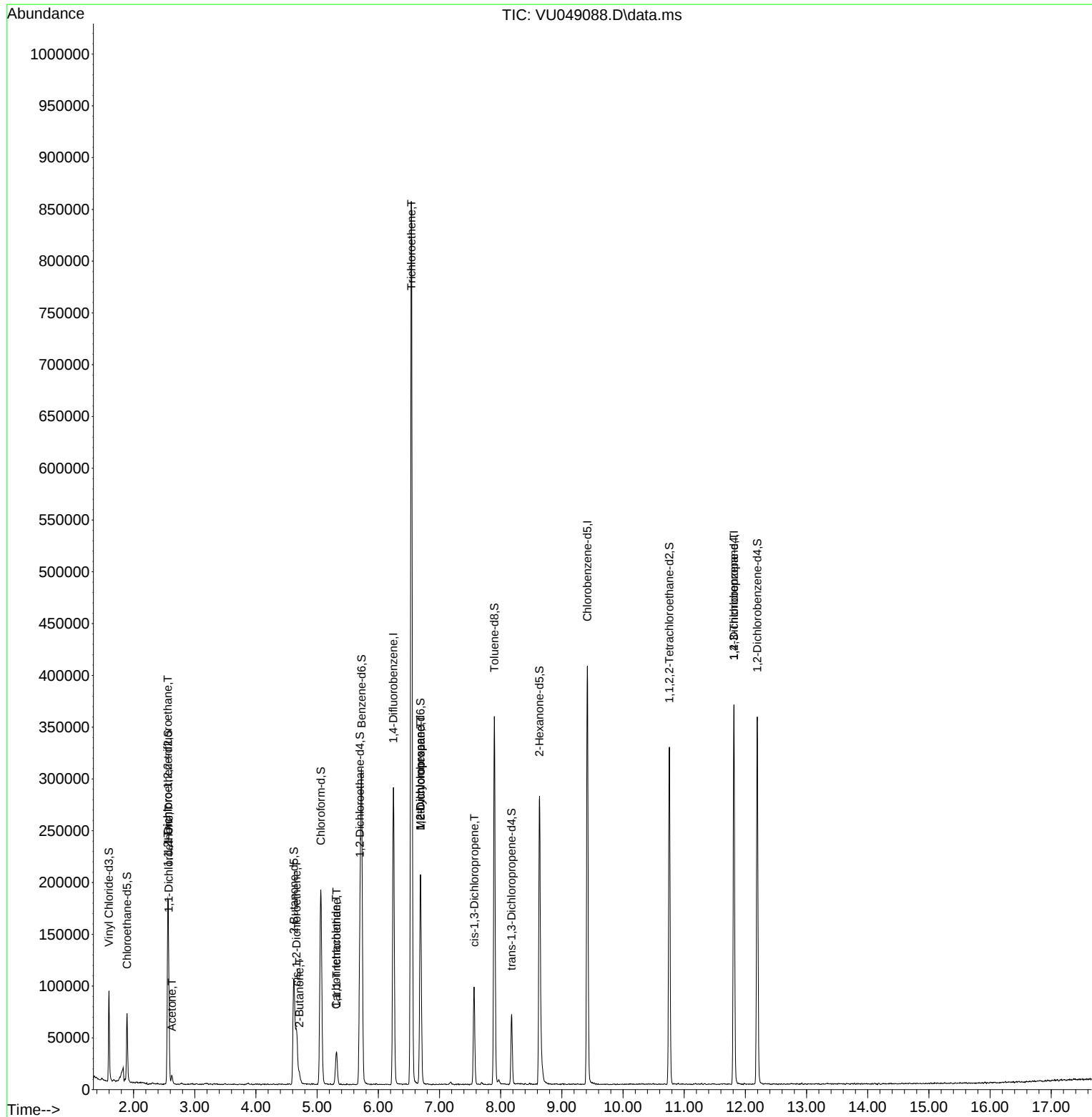
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	232348	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	226647	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101599	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63870	44.622	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.240%		
7) Chloroethane-d5	1.893	69	48818	46.450	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.900%		
11) 1,1-Dichloroethene-d2	2.562	63	99710	36.917	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.840%		
21) 2-Butanone-d5	4.620	46	151109	96.288	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.290%		
24) Chloroform-d	5.060	84	150072	49.148	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.300%		
26) 1,2-Dichloroethane-d4	5.700	65	103665	52.402	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.800%		
32) Benzene-d6	5.726	84	280515	49.913	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.820%		
36) 1,2-Dichloropropane-d6	6.690	67	95900	50.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.520%		
41) Toluene-d8	7.896	98	231103	46.627	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.260%		
43) trans-1,3-Dichloroprop...	8.179	79	37279	41.941	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.880%		
47) 2-Hexanone-d5	8.632	63	89349	90.359	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.360%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	163177	51.711	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.420%		
66) 1,2-Dichlorobenzene-d4	12.195	152	95053	53.770	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.540%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	881	0.538	ug/L #	19
12) 1,1-Dichloroethene	2.575	96	17676	12.337	ug/L #	39
13) Acetone	2.626	43	9506	7.698	ug/L	93
20) cis-1,2-Dichloroethene	4.665	96	23493	12.257	ug/L	95
22) 2-Butanone	4.710	43	16444	8.665	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	22895	7.243	ug/L	96
31) Carbon tetrachloride	5.311	117	2856	1.033	ug/L	95
34) Trichloroethene	6.539	95	286025	154.534	ug/L	99
35) Methylcyclohexane	6.690	83	23152	8.961	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10693	5.164	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2402	0.788	ug/L #	1
60) 1,2,3-Trichloropropane	11.812	75	10496	4.073	ug/L #	67

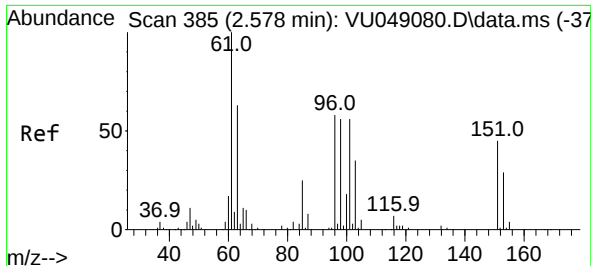
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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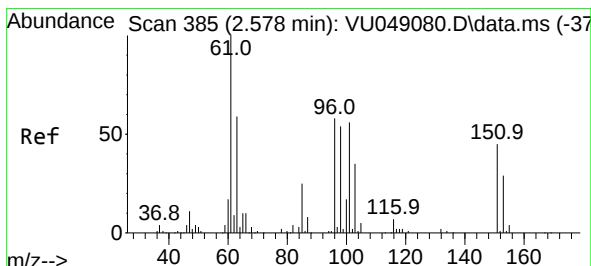
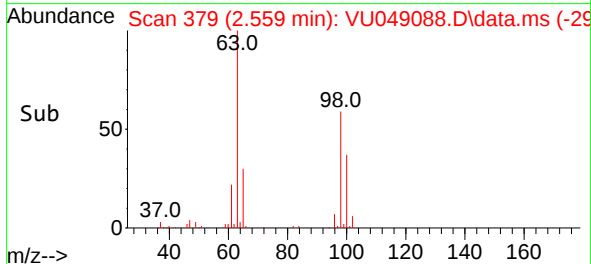
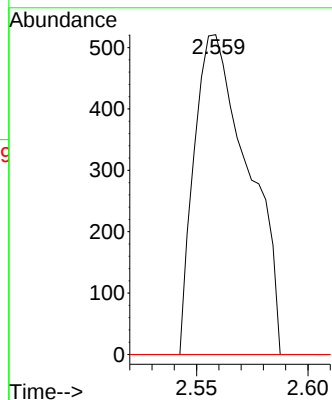
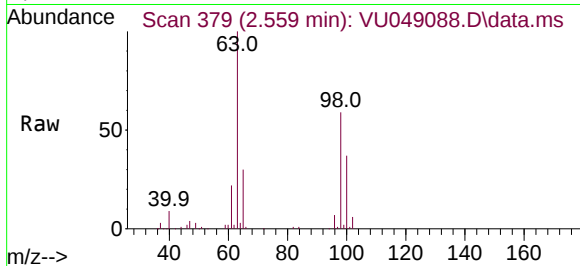




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.538 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: VU049088.D
 Acq: 12 Jun 2022 14:02

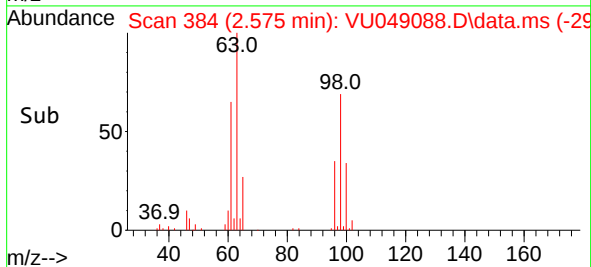
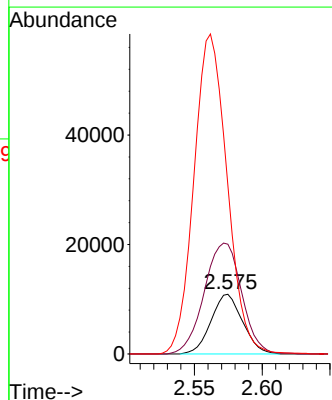
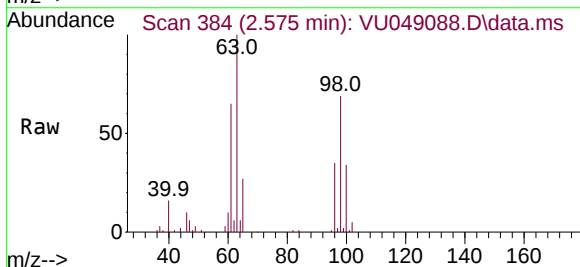
Instrument :
 MSVOA_U
 ClientSampleId :
 C0DJ7

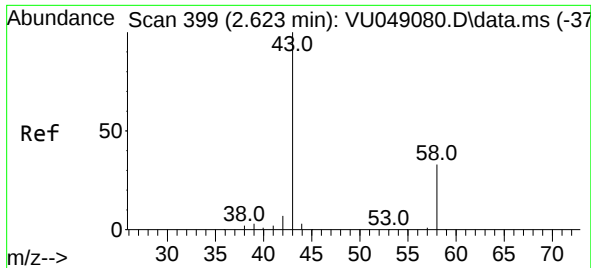
Tgt Ion:101 Resp: 881
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 12.337 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049088.D
 Acq: 12 Jun 2022 14:02

Tgt Ion: 96 Resp: 17676
 Ion Ratio Lower Upper
 96 100
 61 183.9 123.5 229.3
 63 282.5 86.0 159.8#





#13

Acetone

Concen: 7.698 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU049088.D

Acq: 12 Jun 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

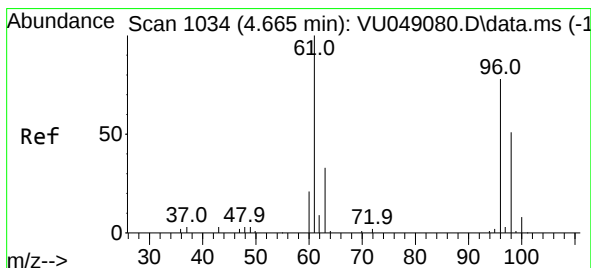
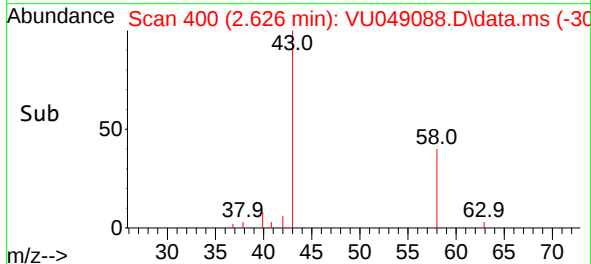
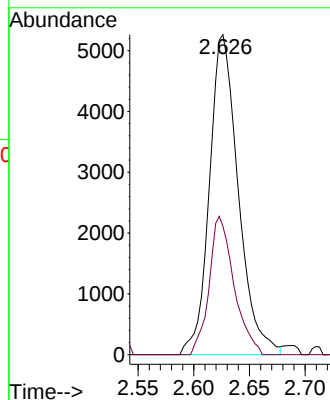
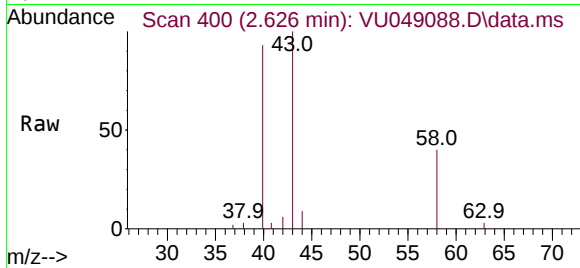
C0DJ7

Tgt Ion: 43 Resp: 9506

Ion Ratio Lower Upper

43 100

58 37.1 0.0 66.4



#20

cis-1,2-Dichloroethene

Concen: 12.257 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU049088.D

Acq: 12 Jun 2022 14:02

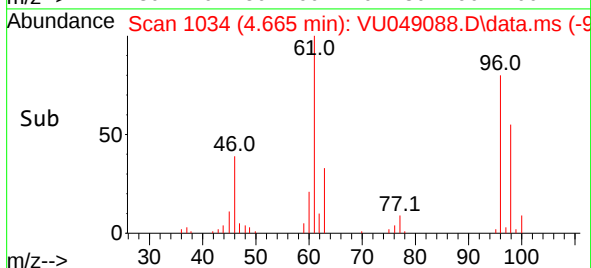
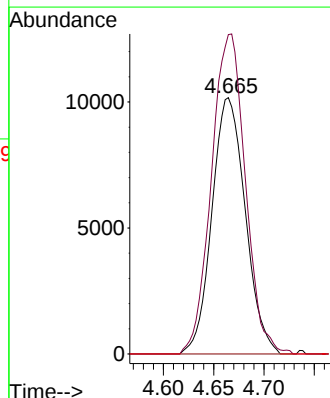
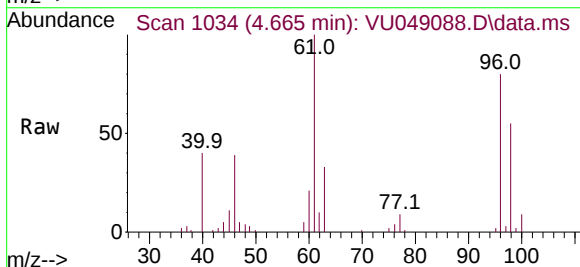
Tgt Ion: 96 Resp: 23493

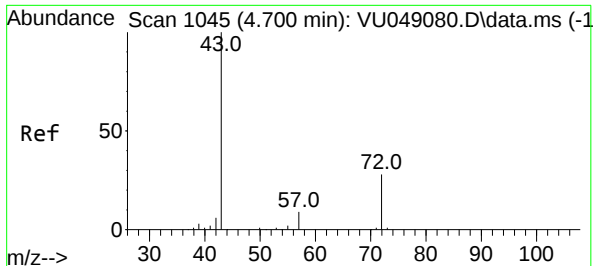
Ion Ratio Lower Upper

96 100

61 124.6 91.6 170.2

68 0.0 0.0 0.0

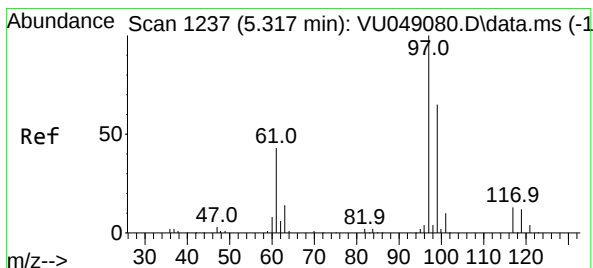
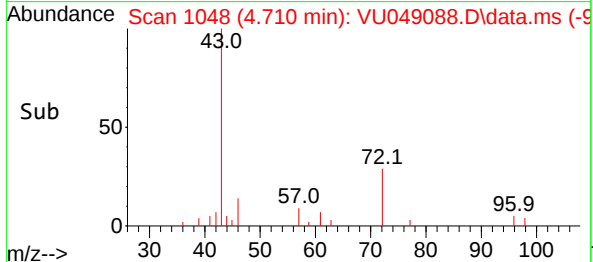
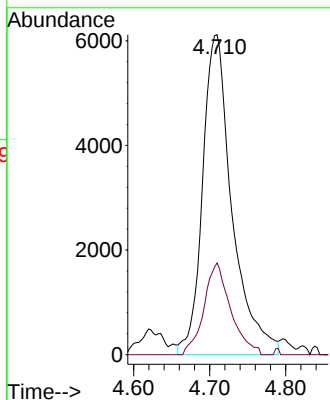
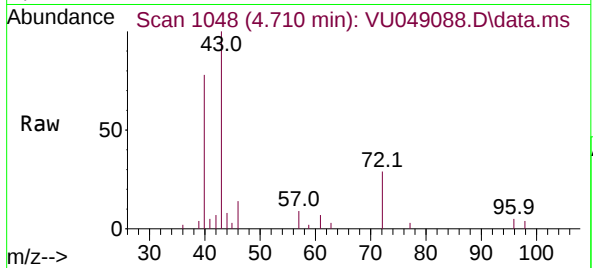




#22
2-Butanone
Concen: 8.665 ug/L
RT: 4.710 min Scan# 1045
Delta R.T. 0.010 min
Lab File: VU049088.D
Acq: 12 Jun 2022 14:02

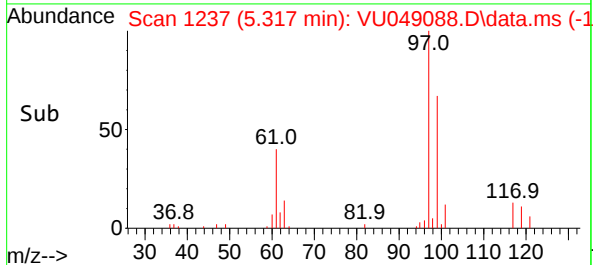
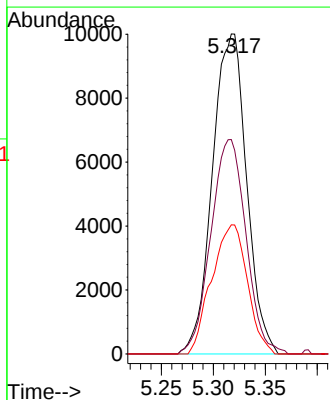
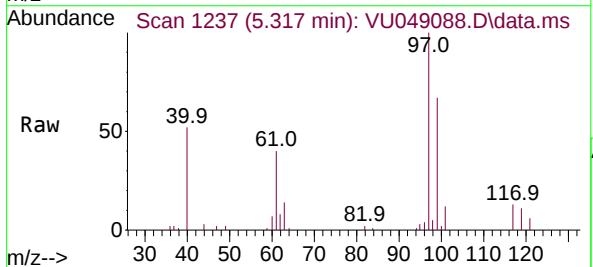
Instrument :
MSVOA_U
ClientSampleId :
C0DJ7

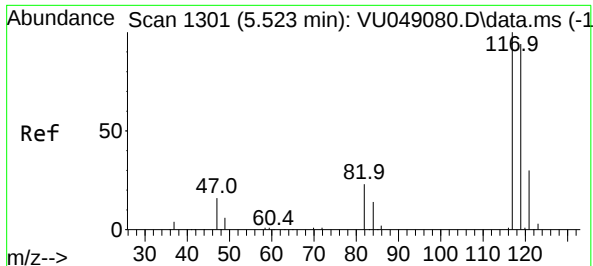
Tgt Ion: 43 Resp: 16444
Ion Ratio Lower Upper
43 100
72 25.7 13.7 41.0



#30
1,1,1-Trichloroethane
Concen: 7.243 ug/L
RT: 5.317 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU049088.D
Acq: 12 Jun 2022 14:02

Tgt Ion: 97 Resp: 22895
Ion Ratio Lower Upper
97 100
99 68.9 50.9 76.3
61 42.1 34.2 51.2

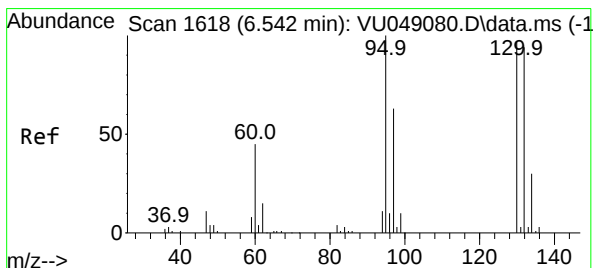
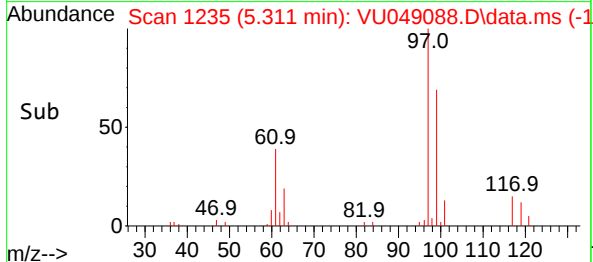
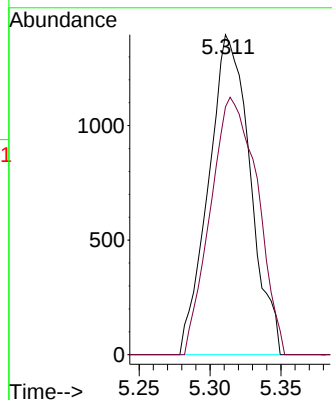
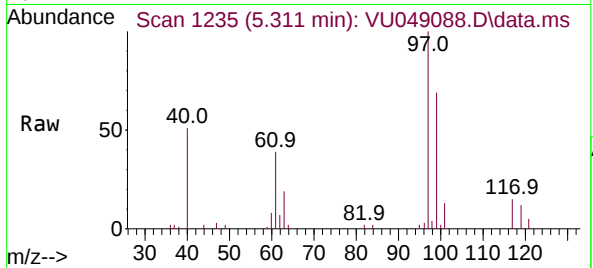




#31
Carbon tetrachloride
Concen: 1.033 ug/L
RT: 5.311 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU049088.D
Acq: 12 Jun 2022 14:02

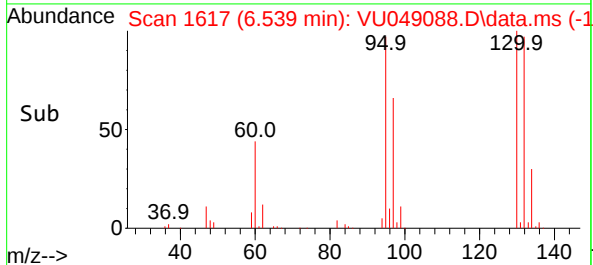
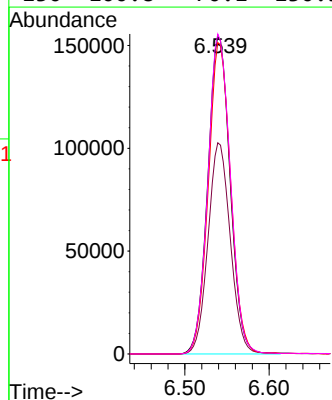
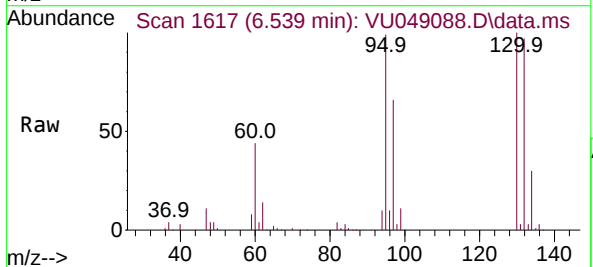
Instrument :
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ClientSampleId :
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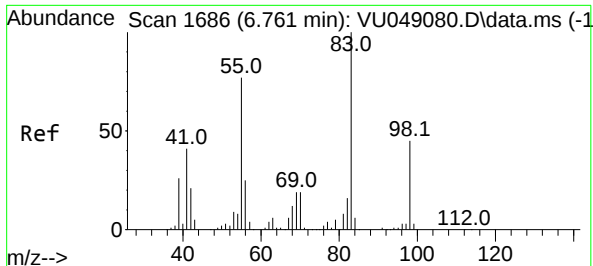
Tgt Ion:117 Resp: 2856
Ion Ratio Lower Upper
117 100
119 90.7 76.5 114.7



#34
Trichloroethene
Concen: 154.534 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU049088.D
Acq: 12 Jun 2022 14:02

Tgt Ion: 95 Resp: 286025
Ion Ratio Lower Upper
95 100
97 66.6 45.4 84.4
132 98.1 67.6 125.6
130 100.8 70.1 130.3





#35

Methylcyclohexane

Concen: 8.961 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU049088.D

Acq: 12 Jun 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

C0DJ7

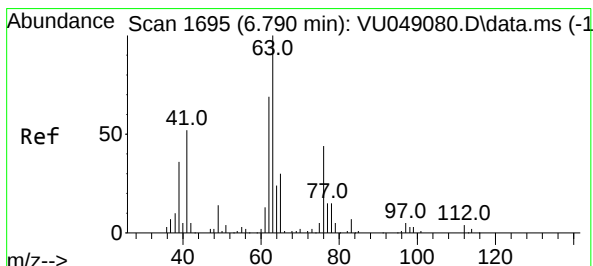
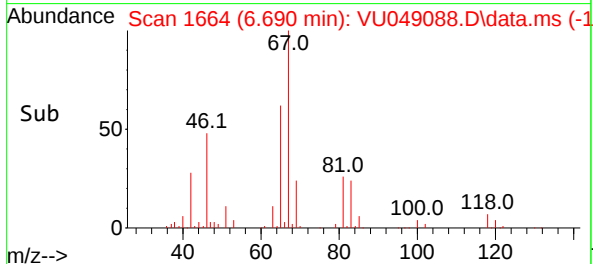
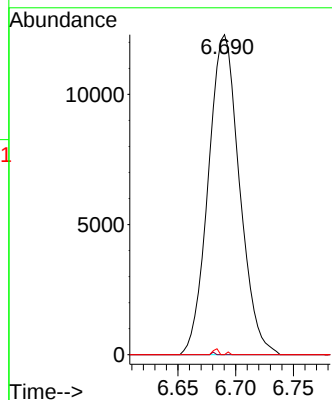
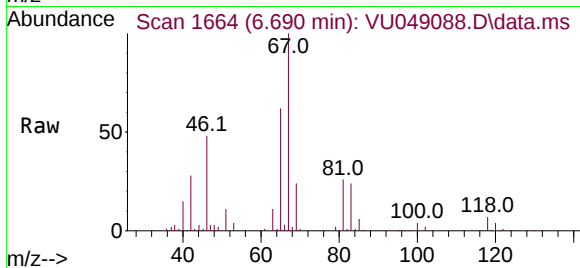
Tgt Ion: 83 Resp: 23152

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.6#

98 0.3 36.8 55.2#



#37

1,2-Dichloropropane

Concen: 5.164 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049088.D

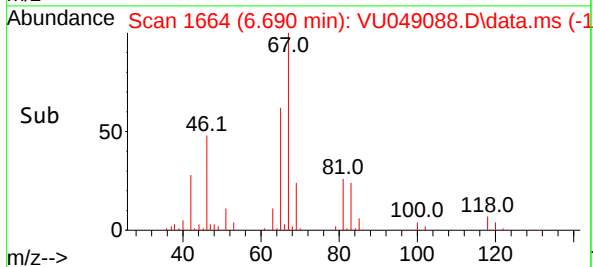
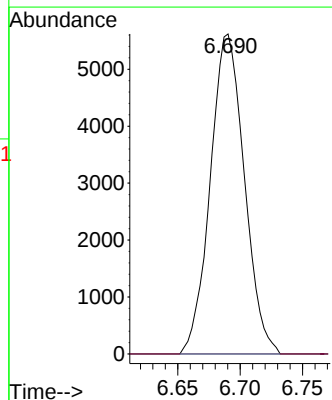
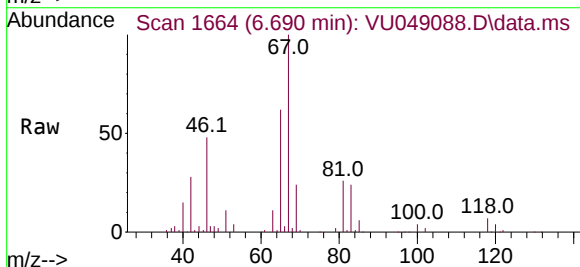
Acq: 12 Jun 2022 14:02

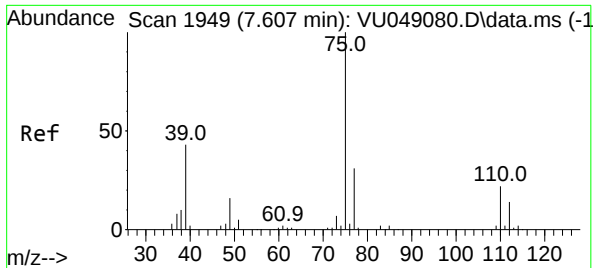
Tgt Ion: 63 Resp: 10693

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.788 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU049088.D

Acq: 12 Jun 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

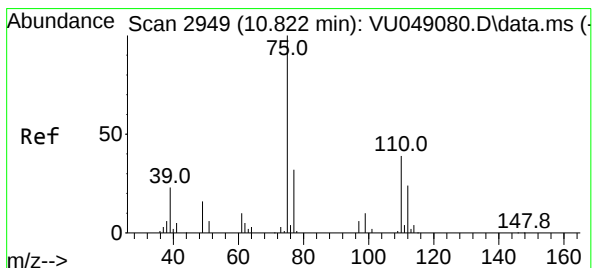
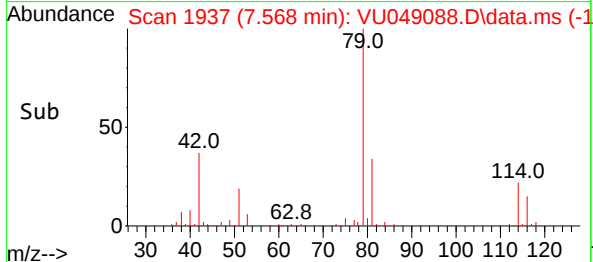
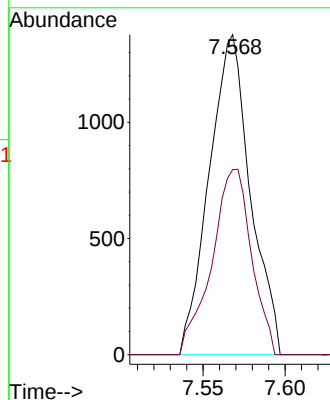
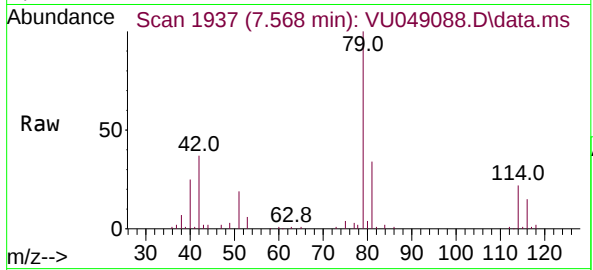
C0DJ7

Tgt Ion: 75 Resp: 2402

Ion Ratio Lower Upper

75 100

77 92.2 22.6 42.0#



#60

1,2,3-Trichloropropane

Concen: 4.073 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049088.D

Acq: 12 Jun 2022 14:02

Tgt Ion: 75 Resp: 10496

Ion Ratio Lower Upper

75 100

77 33.8 26.6 40.0

110 1.1 30.2 45.4#

