

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\
 Data File : VU049772.D
 Acq On : 18 Jul 2022 19:59
 Operator : SY/MD
 Sample : N3702-18ME
 Misc : 6.15g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5C72ME

Quant Time: Jul 19 02:14:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 19 02:09:49 2022
 Response via : Initial Calibration

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

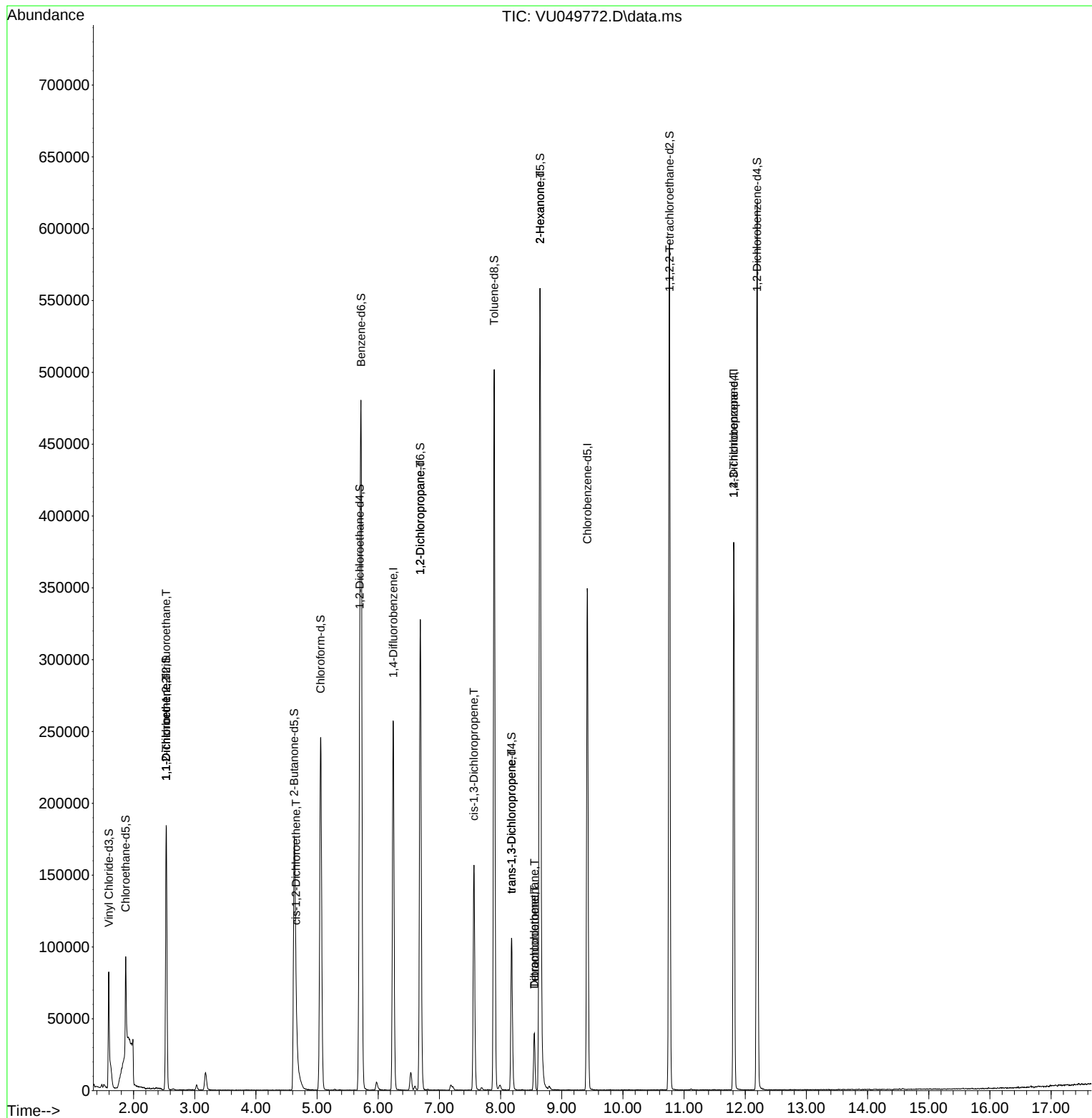
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	197592	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	192566	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91887	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	81762	49.042	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.080%		
7) Chloroethane-d5	1.871	69	48117	39.928	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.860%		
11) 1,1-Dichloroethene-d2	2.533	63	113614	38.580	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.160%		
21) 2-Butanone-d5	4.626	46	320108	224.920	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	224.920%#		
24) Chloroform-d	5.057	84	228219	77.288	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	154.580%#		
26) 1,2-Dichloroethane-d4	5.697	65	163744	81.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	163.860%#		
32) Benzene-d6	5.719	84	390745	66.793	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	133.580%#		
36) 1,2-Dichloropropane-d6	6.687	67	156325	79.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	158.880%#		
41) Toluene-d8	7.896	98	317529	62.327	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	124.660%#		
43) trans-1,3-Dichloroprop...	8.179	79	62653	75.572	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	151.140%#		
47) 2-Hexanone-d5	8.645	63	208643	235.719	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	235.720%#		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	288632	104.832	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	209.660%#		
66) 1,2-Dichlorobenzene-d4	12.195	152	148891	85.941	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	171.880%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.533	101	871	0.572	ug/L #	20
12) 1,1-Dichloroethene	2.533	96	865	0.612	ug/L #	1
20) cis-1,2-Dichloroethene	4.655	96	1880	1.082	ug/L	95
37) 1,2-Dichloropropane	6.687	63	17614	8.779	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	4308	1.592	ug/L #	74
44) trans-1,3-Dichloropropene	8.179	75	3052	1.201	ug/L	83
46) Tetrachloroethene	8.552	164	8475	6.984	ug/L	94
48) 2-Hexanone	8.645	43	34365	13.240	ug/L #	79
49) Dibromochloromethane	8.552	129	8275	4.698	ug/L #	9
60) 1,2,3-Trichloropropane	11.812	75	12685	5.183	ug/L #	67

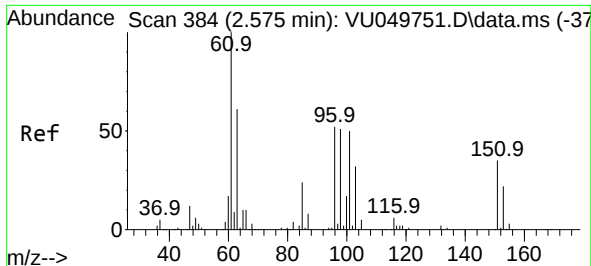
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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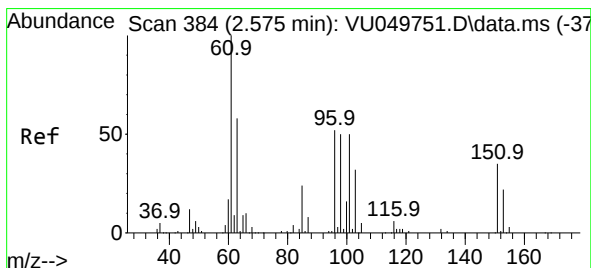
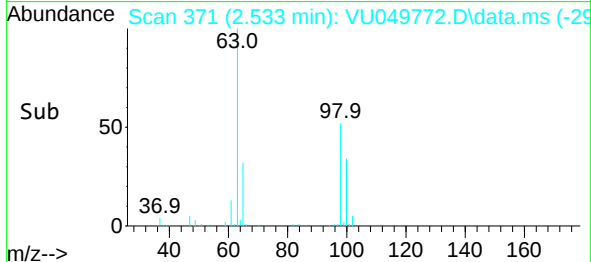
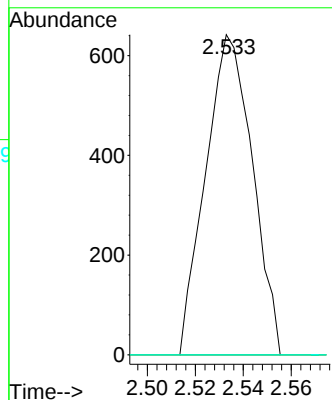
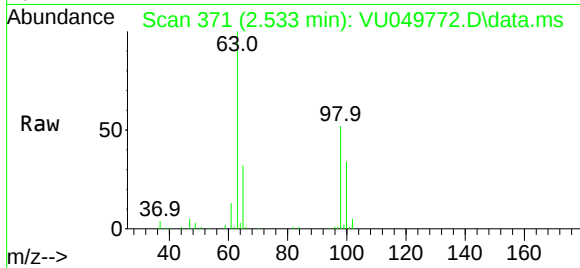




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.572 ug/L
RT: 2.533 min Scan# 371
Delta R.T. -0.042 min
Lab File: VU049772.D
Acq: 18 Jul 2022 19:59

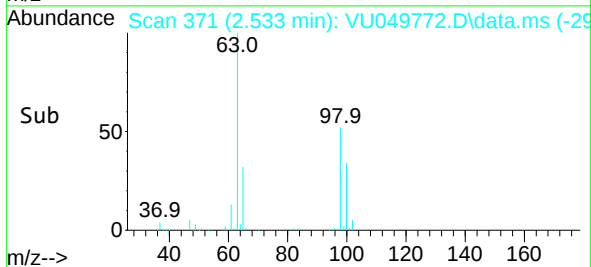
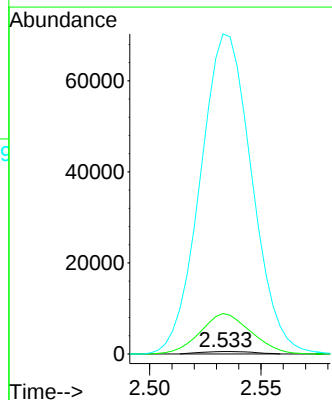
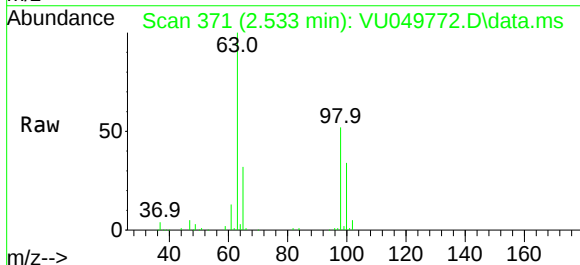
Instrument :
MSVOA_U
ClientSampleId :
F5C72ME

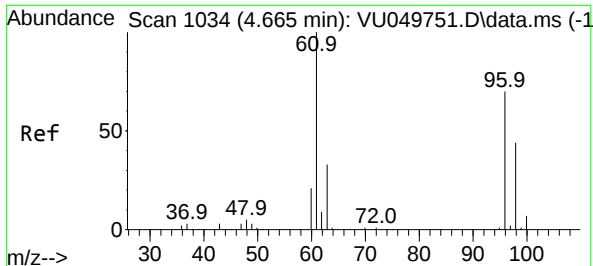
Tgt Ion:101 Resp: 871
Ion Ratio Lower Upper
101 100
85 0.0 37.3 55.9#
151 0.0 56.9 85.3#



#12
1,1-Dichloroethene
Concen: 0.612 ug/L
RT: 2.533 min Scan# 371
Delta R.T. -0.042 min
Lab File: VU049772.D
Acq: 18 Jul 2022 19:59

Tgt Ion: 96 Resp: 865
Ion Ratio Lower Upper
96 100
61 1723.6 129.6 240.6#
63 13624.8 79.0 146.6#

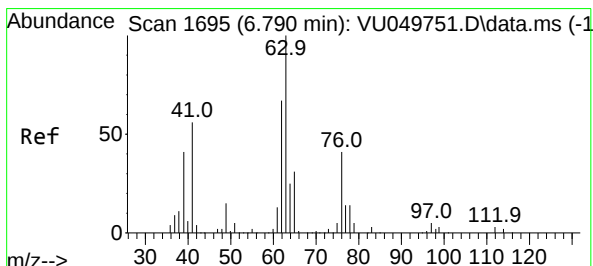
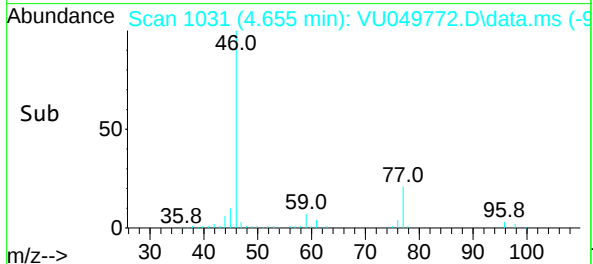
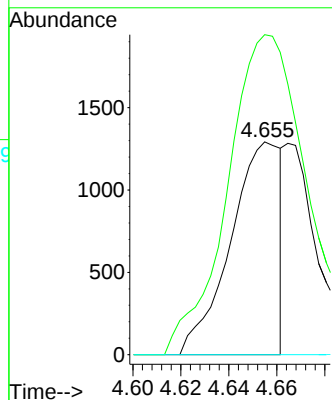
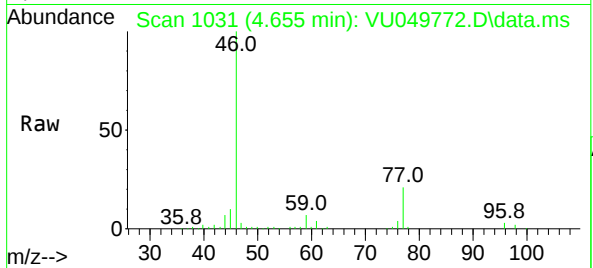




#20
 cis-1,2-Dichloroethene
 Concen: 1.082 ug/L
 RT: 4.655 min Scan# 1034
 Delta R.T. -0.010 min
 Lab File: VU049772.D
 Acq: 18 Jul 2022 19:59

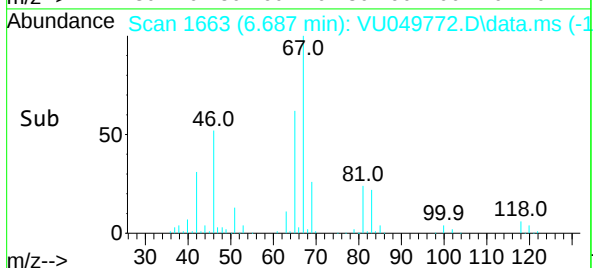
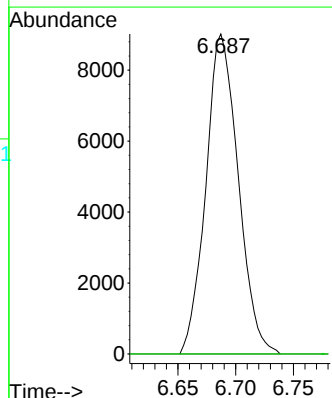
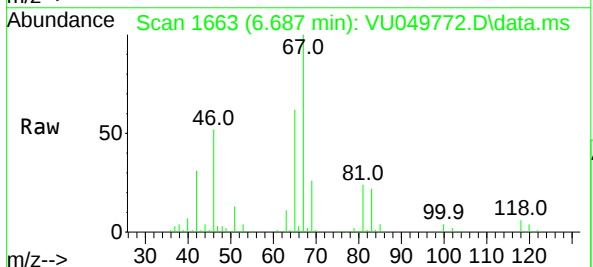
Instrument :
 MSVOA_U
 ClientSampleId :
 F5C72ME

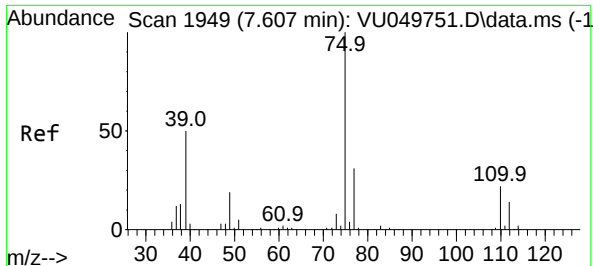
Tgt Ion: 96 Resp: 1880
 Ion Ratio Lower Upper
 96 100
 61 150.4 101.1 187.7
 68 0.0 0.0 0.0



#37
 1,2-Dichloropropane
 Concen: 8.779 ug/L
 RT: 6.687 min Scan# 1663
 Delta R.T. -0.103 min
 Lab File: VU049772.D
 Acq: 18 Jul 2022 19:59

Tgt Ion: 63 Resp: 17614
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.592 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049772.D

Acq: 18 Jul 2022 19:59

Instrument :

MSVOA_U

ClientSampleId :

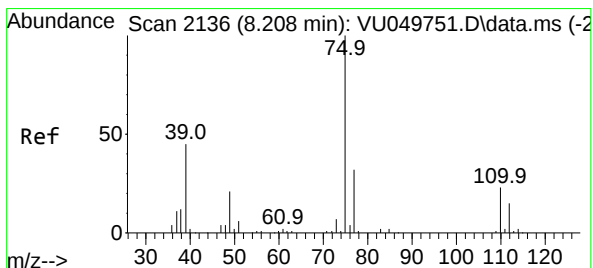
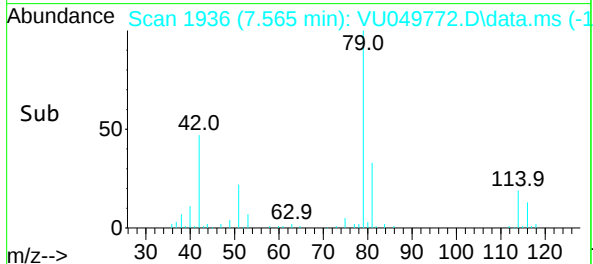
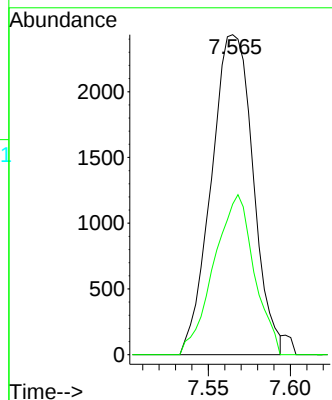
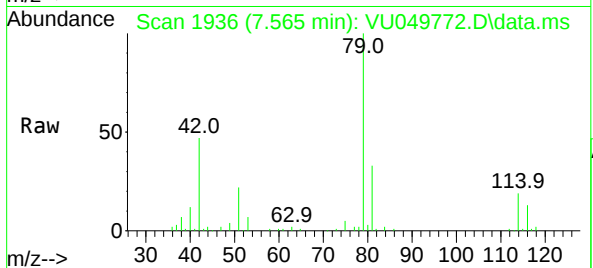
F5C72ME

Tgt Ion: 75 Resp: 4308

Ion Ratio Lower Upper

75 100

77 47.0 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 1.201 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU049772.D

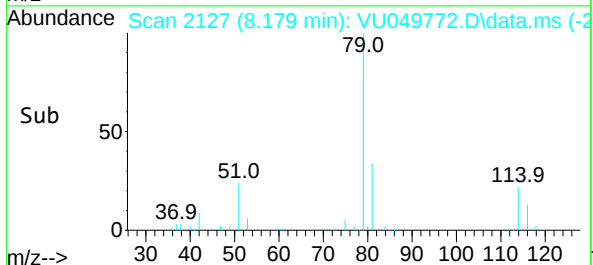
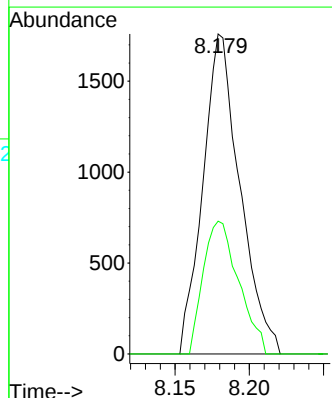
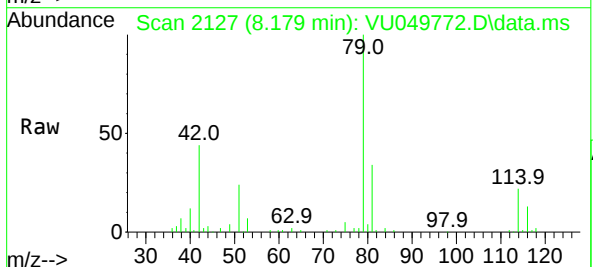
Acq: 18 Jul 2022 19:59

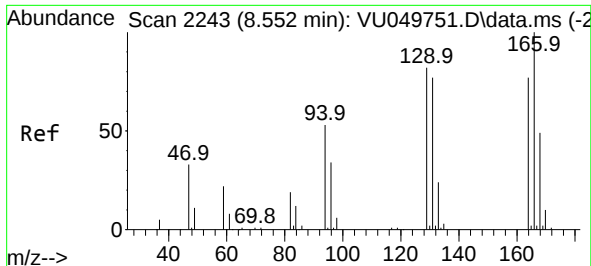
Tgt Ion: 75 Resp: 3052

Ion Ratio Lower Upper

75 100

77 41.5 22.5 41.9

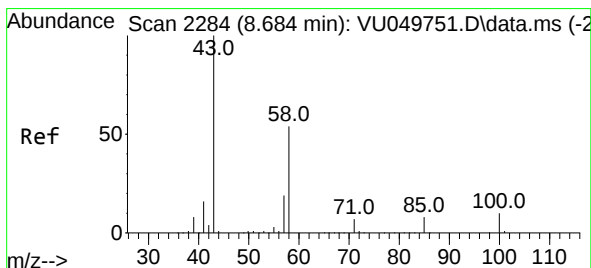
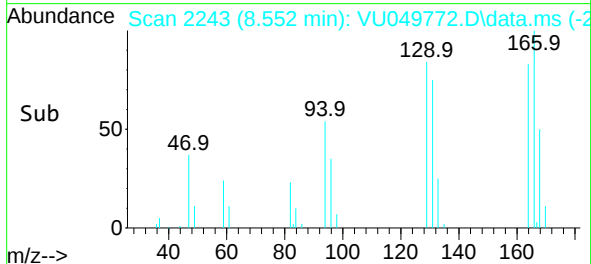
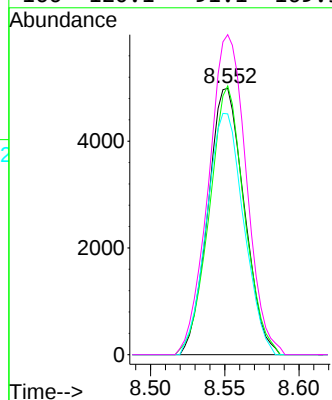
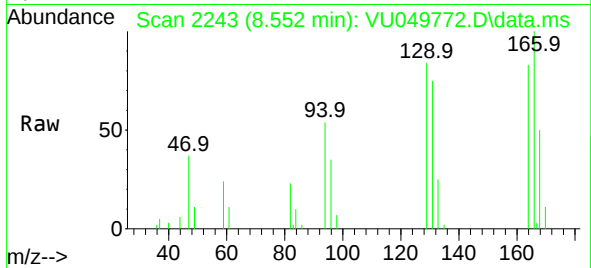




#46
Tetrachloroethene
Concen: 6.984 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049772.D
Acq: 18 Jul 2022 19:59

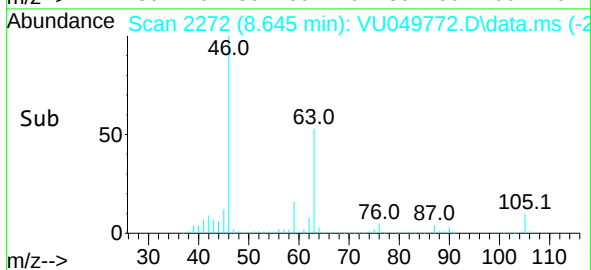
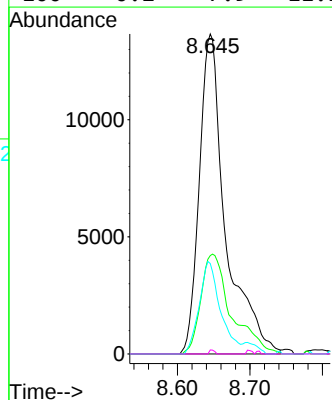
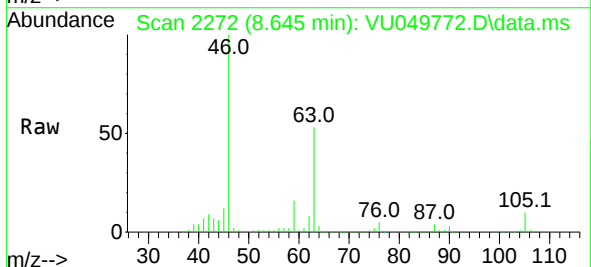
Instrument :
MSVOA_U
ClientSampleId :
F5C72ME

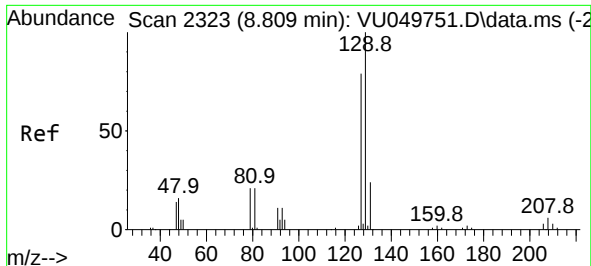
Tgt Ion:164 Resp: 8475
Ion Ratio Lower Upper
164 100
129 100.9 72.0 133.8
131 90.4 69.0 128.1
166 120.1 91.1 169.3



#48
2-Hexanone
Concen: 13.240 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.039 min
Lab File: VU049772.D
Acq: 18 Jul 2022 19:59

Tgt Ion: 43 Resp: 34365
Ion Ratio Lower Upper
43 100
58 36.1 42.6 64.0#
57 23.3 15.0 22.6#
100 0.2 7.9 11.9#





#49

Dibromochloromethane

Concen: 4.698 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU049772.D

Acq: 18 Jul 2022 19:59

Instrument :

MSVOA_U

ClientSampleId :

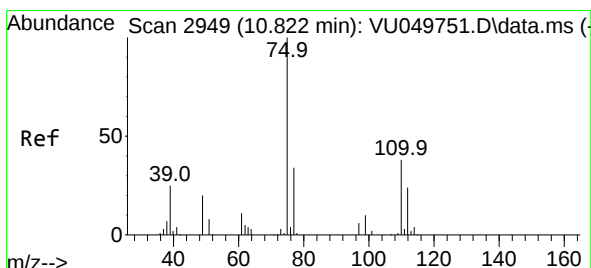
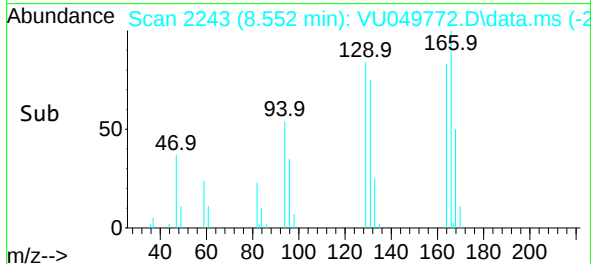
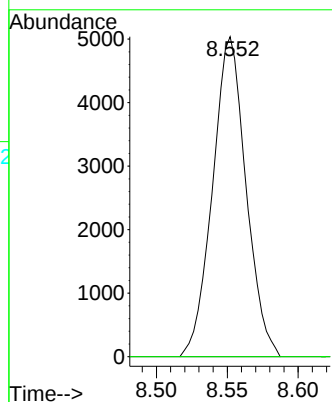
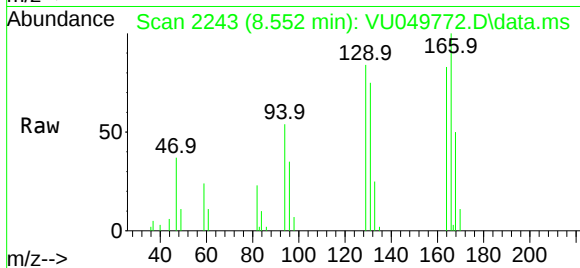
F5C72ME

Tgt Ion:129 Resp: 8275

Ion Ratio Lower Upper

129 100

127 0.0 56.9 105.7#



#60

1,2,3-Trichloropropane

Concen: 5.183 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049772.D

Acq: 18 Jul 2022 19:59

Tgt Ion: 75 Resp: 12685

Ion Ratio Lower Upper

75 100

77 35.7 25.5 38.3

110 3.4 28.9 43.3#

