

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046322.D
 Acq On : 13 Dec 2021 17:50
 Operator : SY/MD
 Sample : M4971-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 14 03:53:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

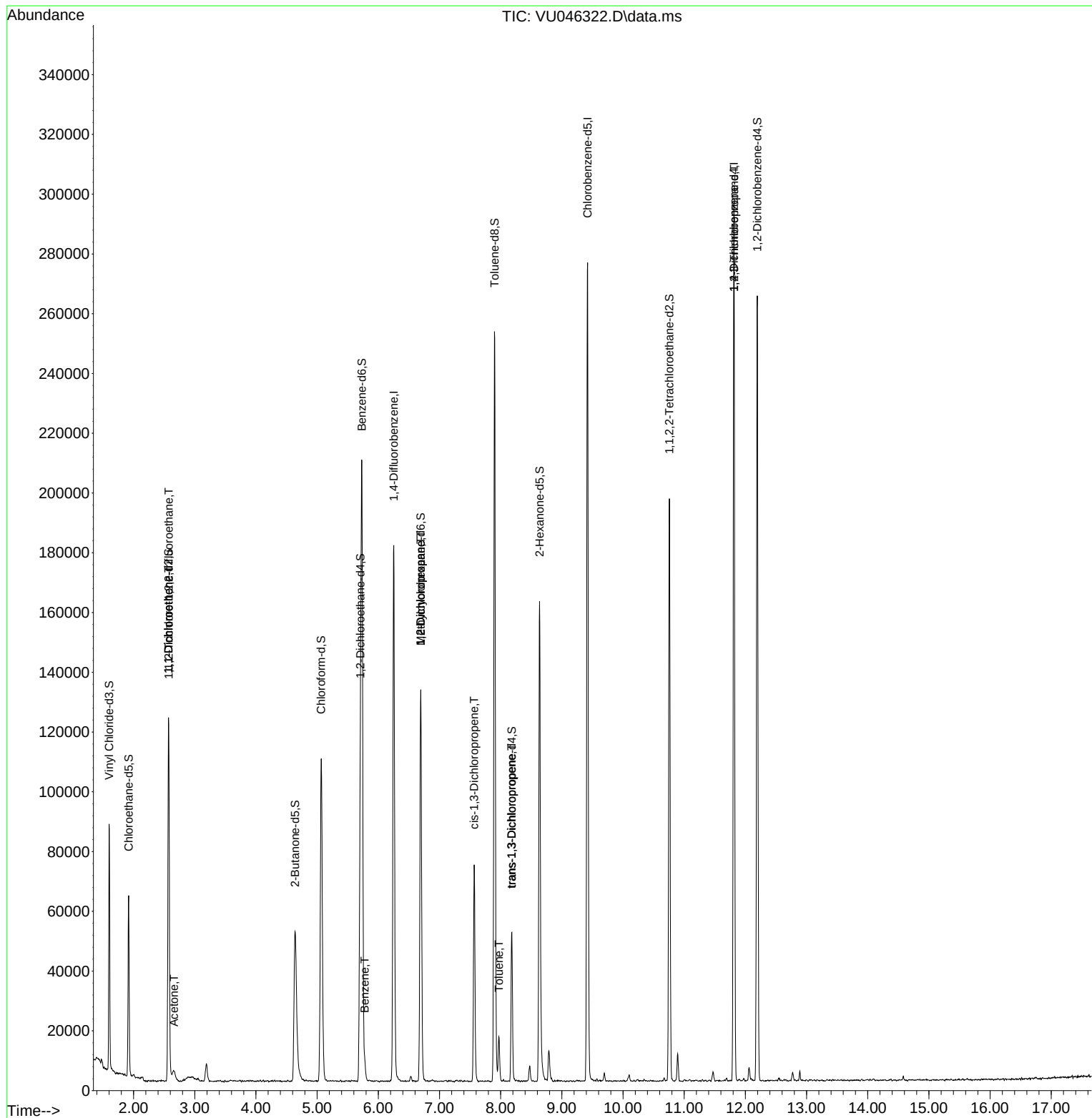
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	143395	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	153134	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74625	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	57485	48.666	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.340%
7) Chloroethane-d5	1.919	69	43519	47.985	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.980%
11) 1,1-Dichloroethene-d2	2.572	63	74832	35.290	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.580%
21) 2-Butanone-d5	4.639	46	84944	90.461	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.460%
24) Chloroform-d	5.067	84	95786	48.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.120%
26) 1,2-Dichloroethane-d4	5.707	65	65247	49.287	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.580%
32) Benzene-d6	5.732	84	194135	44.231	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.460%
36) 1,2-Dichloropropane-d6	6.694	67	62613	46.030	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.060%
41) Toluene-d8	7.899	98	165809	41.491	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.980%
43) trans-1,3-Dichloroprop...	8.182	79	28929	44.056	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.120%
47) 2-Hexanone-d5	8.636	63	56597	87.754	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.750%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	95763	46.422	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.840%
66) 1,2-Dichlorobenzene-d4	12.195	152	67098	46.688	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.380%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	763	0.731	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	503	0.507	ug/L #	1
13) Acetone	2.662	43	7010	5.973	ug/L	65
33) Benzene	5.777	78	4440	0.958	ug/L	100
35) Methylcyclohexane	6.694	83	14805	7.820	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6952	5.726	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1767	0.957	ug/L #	73
42) Toluene	7.970	91	10805	2.173	ug/L	99
44) trans-1,3-Dichloropropene	8.179	75	1182	0.652	ug/L #	83
60) 1,2,3-Trichloropropane	11.816	75	9783	5.980	ug/L #	65

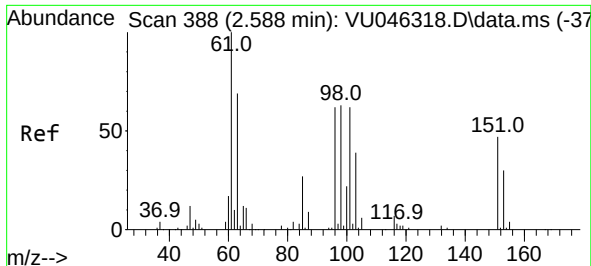
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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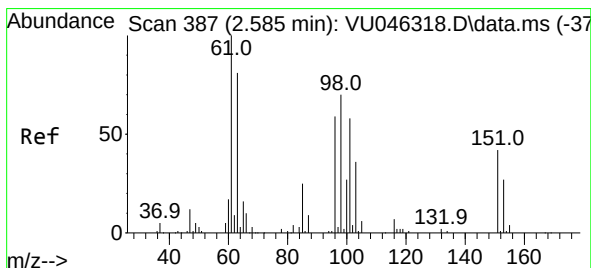
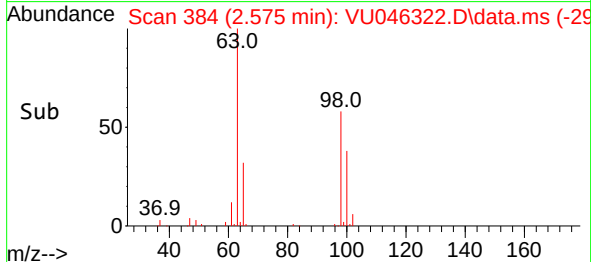
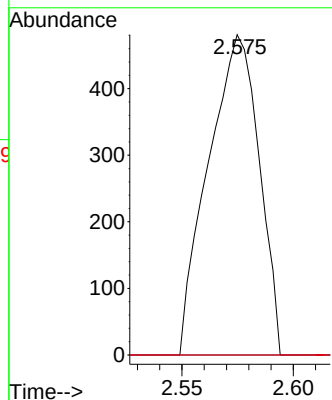
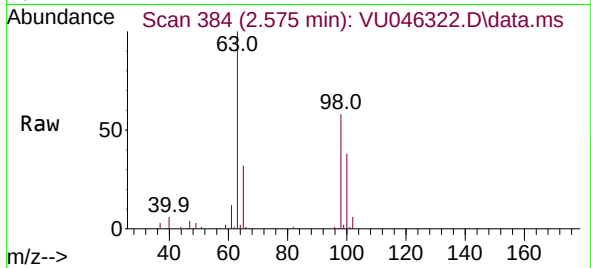




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.731 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046322.D
 Acq: 13 Dec 2021 17:50

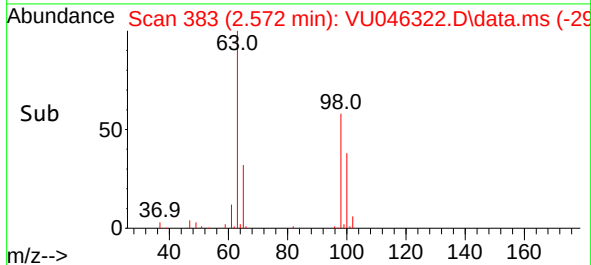
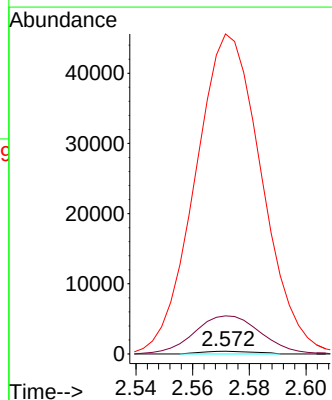
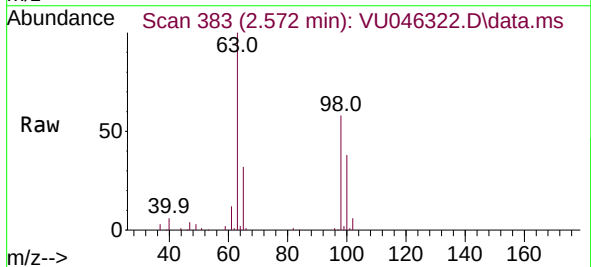
Instrument :
 MSVOA_U
 ClientSampleId :

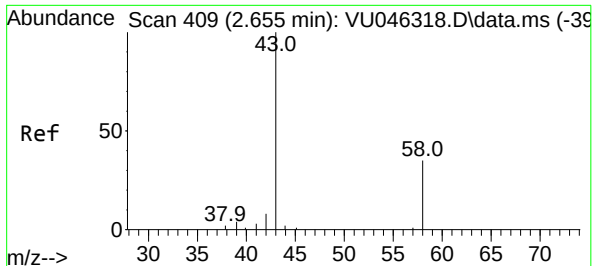
Tgt Ion:101 Resp: 763
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.507 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046322.D
 Acq: 13 Dec 2021 17:50

Tgt Ion: 96 Resp: 503
 Ion Ratio Lower Upper
 96 100
 61 1385.7 118.6 220.2#
 63 11662.4 93.0 172.8#





#13

Acetone

Concen: 5.973 ug/L

RT: 2.662 min Scan# 411

Delta R.T. 0.007 min

Lab File: VU046322.D

Acq: 13 Dec 2021 17:50

Instrument :

MSVOA_U

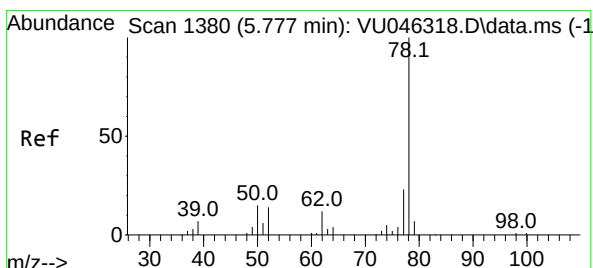
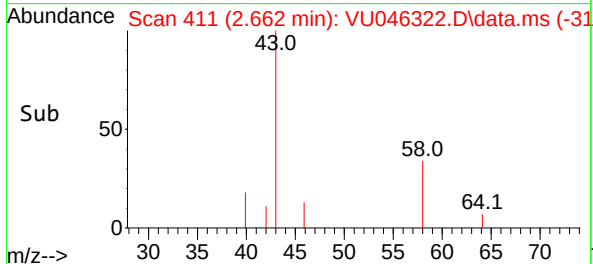
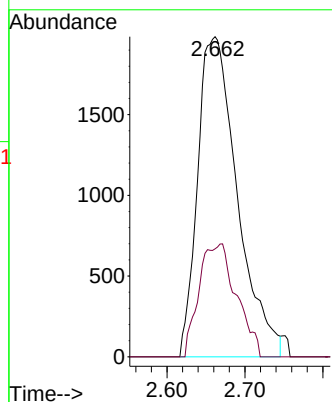
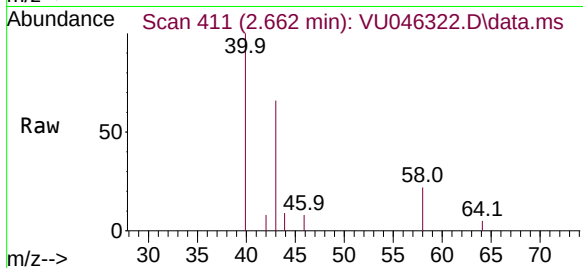
ClientSampleId :

Tgt Ion: 43 Resp: 7010

Ion Ratio Lower Upper

43 100

58 13.3 0.0 66.8



#33

Benzene

Concen: 0.958 ug/L

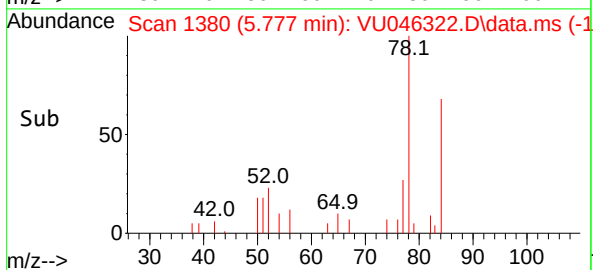
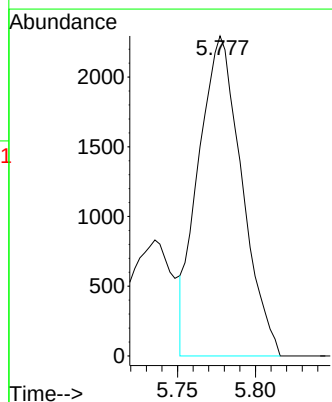
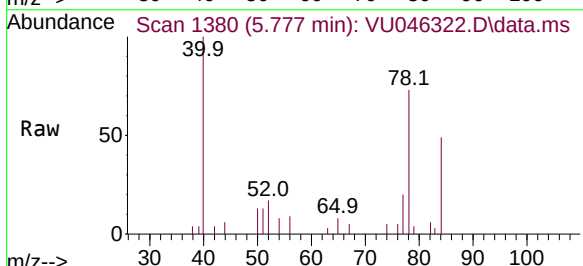
RT: 5.777 min Scan# 1380

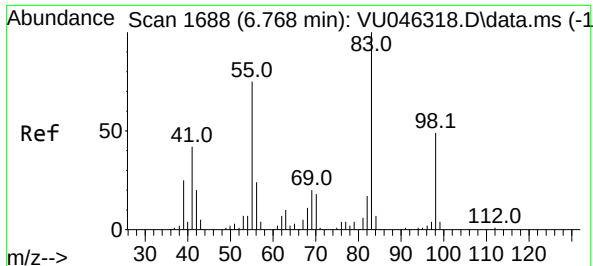
Delta R.T. -0.000 min

Lab File: VU046322.D

Acq: 13 Dec 2021 17:50

Tgt Ion: 78 Resp: 4440

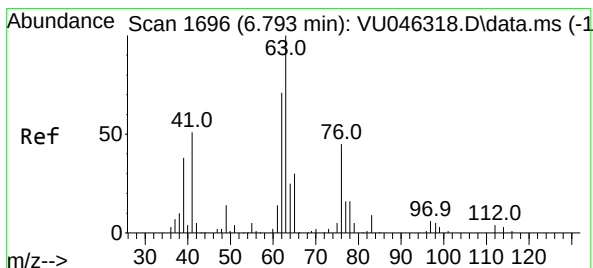
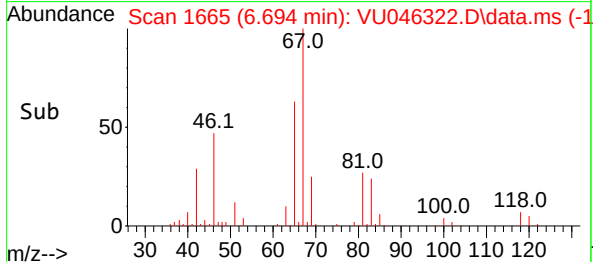
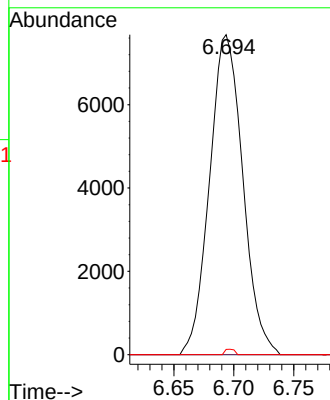
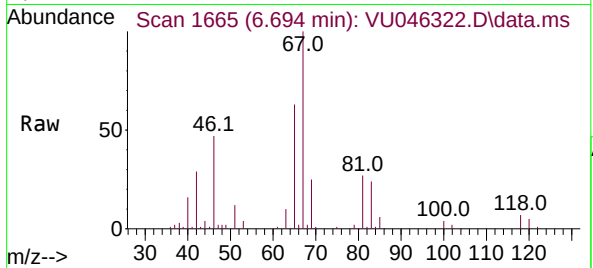




#35
Methylcyclohexane
Concen: 7.820 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046322.D
Acq: 13 Dec 2021 17:50

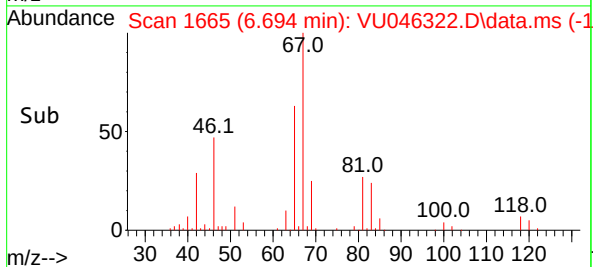
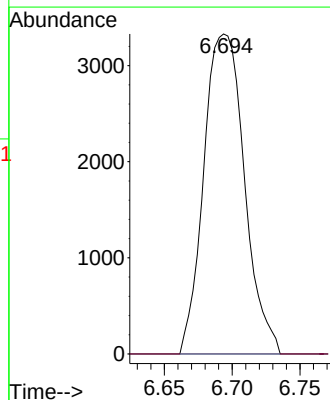
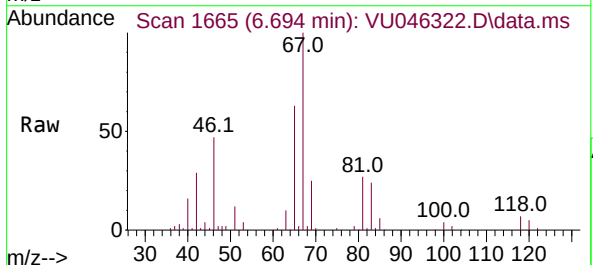
Instrument :
MSVOA_U
ClientSampleId :

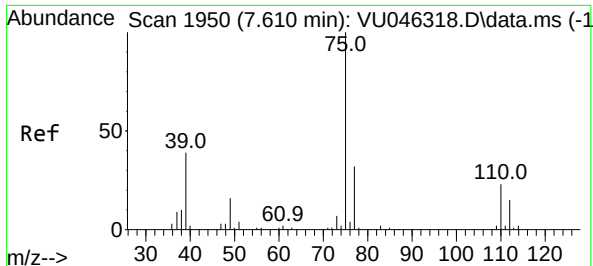
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.6#
98	0.5	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 5.726 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046322.D
Acq: 13 Dec 2021 17:50

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.957 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU046322.D

Acq: 13 Dec 2021 17:50

Instrument :

MSVOA_U

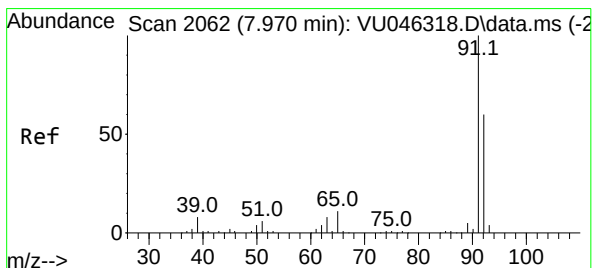
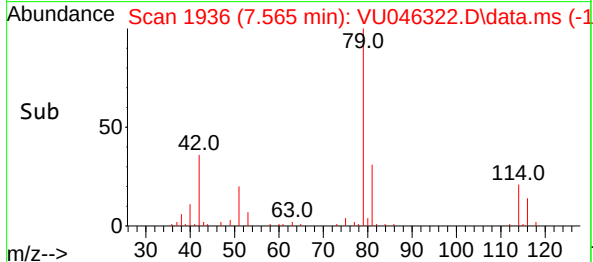
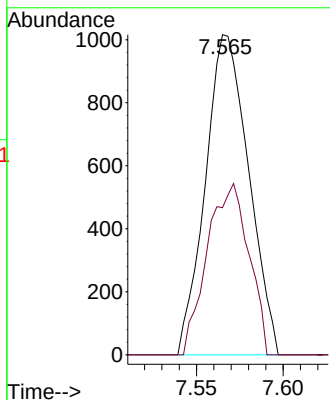
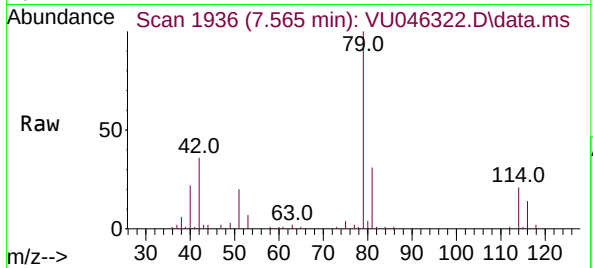
ClientSampleId :

Tgt Ion: 75 Resp: 1767

Ion Ratio Lower Upper

75 100

77 46.0 21.8 40.6#



#42

Toluene

Concen: 2.173 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU046322.D

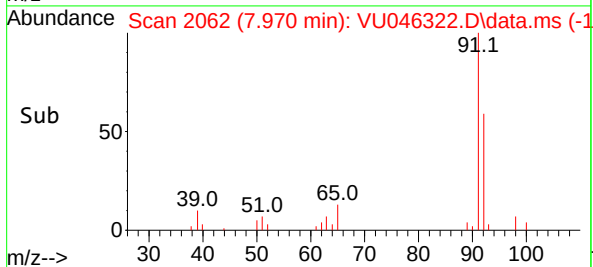
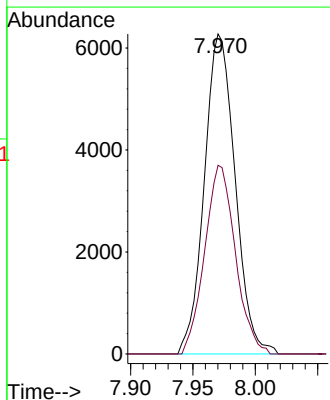
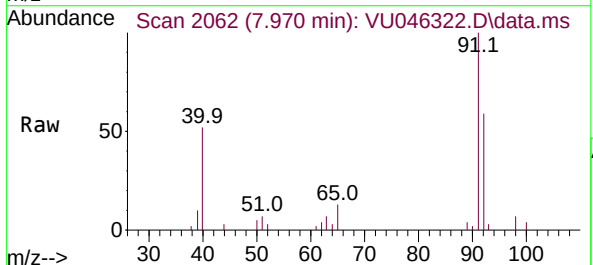
Acq: 13 Dec 2021 17:50

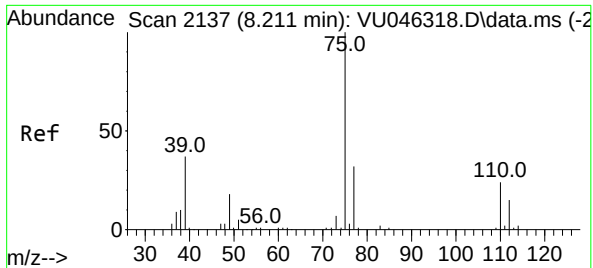
Tgt Ion: 91 Resp: 10805

Ion Ratio Lower Upper

91 100

92 58.9 41.9 77.7

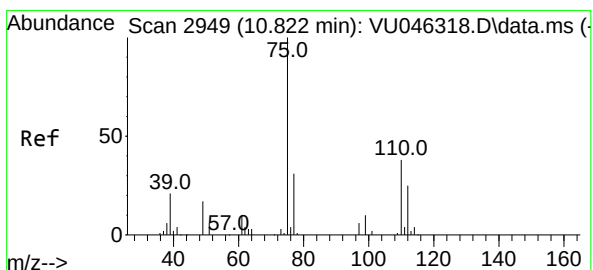
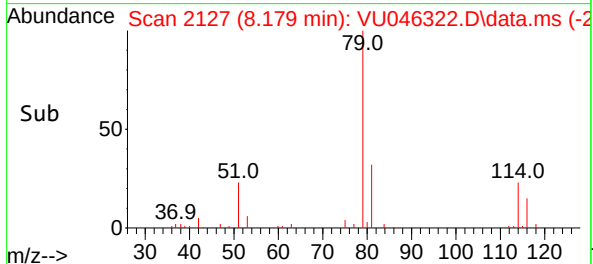
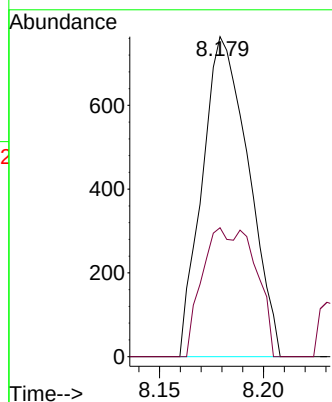
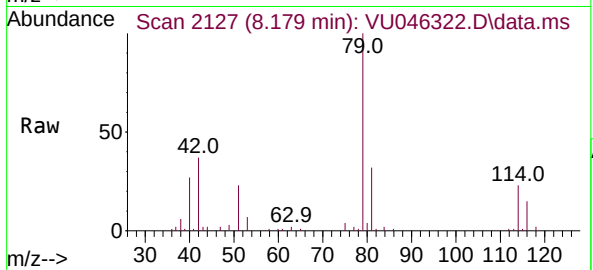




#44
 trans-1,3-Dichloropropene
 Concen: 0.652 ug/L
 RT: 8.179 min Scan# 2137
 Delta R.T. -0.032 min
 Lab File: VU046322.D
 Acq: 13 Dec 2021 17:50

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 1182
 Ion Ratio Lower Upper
 75 100
 77 40.3 21.7 40.3#



#60
 1,2,3-Trichloropropane
 Concen: 5.980 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.993 min
 Lab File: VU046322.D
 Acq: 13 Dec 2021 17:50

Tgt Ion: 75 Resp: 9783
 Ion Ratio Lower Upper
 75 100
 77 33.7 26.4 39.6
 110 2.1 32.4 48.6#

