

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046323.D
 Acq On : 13 Dec 2021 18:13
 Operator : SY/MD
 Sample : M4971-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

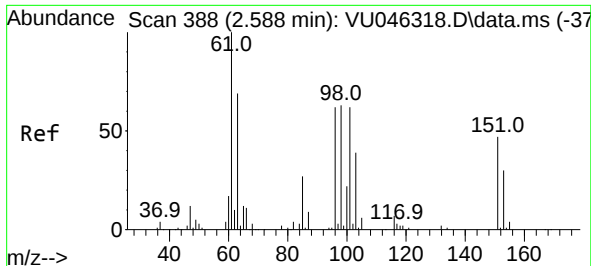
Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 03:41:55 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	141502	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	153419	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74564	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	54645	46.881	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.760%
7) Chloroethane-d5	1.919	69	41208	46.045	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.080%
11) 1,1-Dichloroethene-d2	2.572	63	70813	33.841	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.680%
21) 2-Butanone-d5	4.639	46	84437	91.124	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.120%
24) Chloroform-d	5.067	84	91170	46.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	5.707	65	63042	48.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
32) Benzene-d6	5.732	84	187791	42.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.420%
36) 1,2-Dichloropropane-d6	6.694	67	58784	43.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.280%
41) Toluene-d8	7.899	98	158263	39.529	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.060%#
43) trans-1,3-Dichloroprop...	8.182	79	27395	41.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.280%
47) 2-Hexanone-d5	8.636	63	56835	87.960	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	93329	45.158	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.320%
66) 1,2-Dichlorobenzene-d4	12.195	152	64082	44.626	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.260%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	631	0.613	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	554	0.566	ug/L #	1
13) Acetone	2.662	43	4991	4.310	ug/L	97
33) Benzene	5.777	78	3294	0.709	ug/L	100
35) Methylcyclohexane	6.694	83	14640	7.719	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6681	5.493	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	1714	0.926	ug/L #	62
42) Toluene	7.973	91	6454	1.295	ug/L	97
44) trans-1,3-Dichloropropene	8.182	75	1163	0.640	ug/L	89
60) 1,2,3-Trichloropropane	11.812	75	9373	5.734	ug/L #	65

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.613 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.019 min

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MSVOA_W

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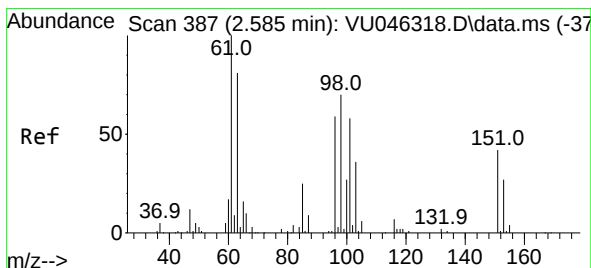
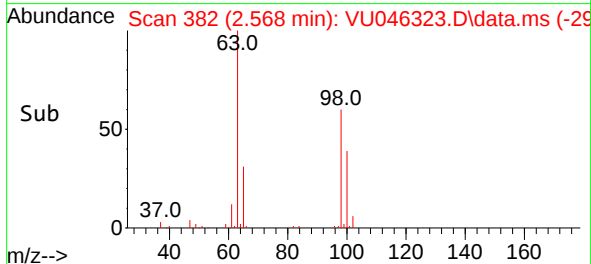
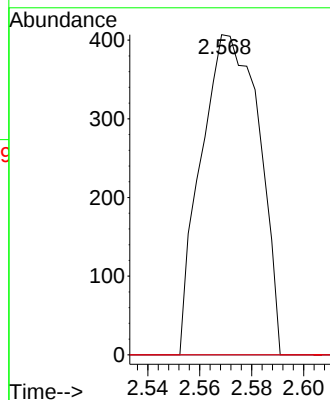
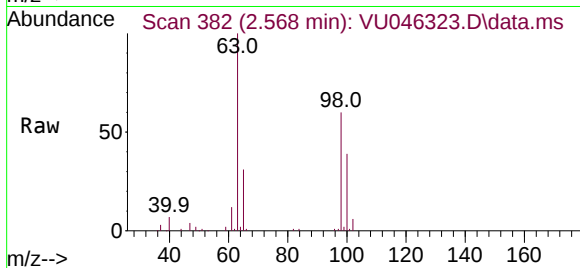
Tgt Ion:101 Resp: 631

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: 0.566 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU046323.D

Acq: 13 Dec 2021 18:13

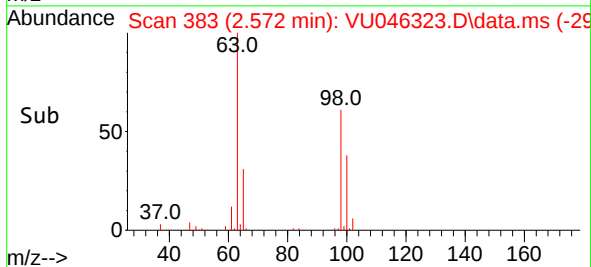
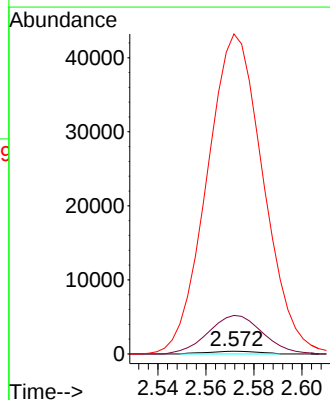
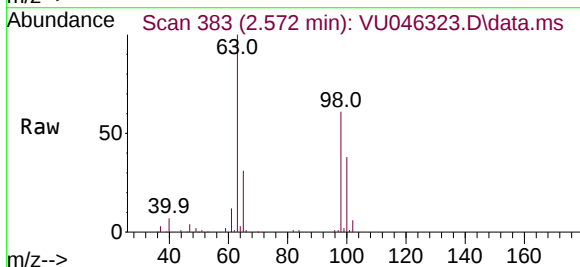
Tgt Ion: 96 Resp: 554

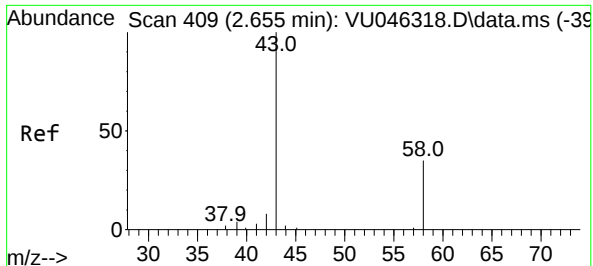
Ion Ratio Lower Upper

96 100

61 1428.8 118.6 220.2#

63 11837.8 93.0 172.8#





#13

Acetone

Concen: 4.310 ug/L

RT: 2.662 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU046323.D

Acq: 13 Dec 2021 18:13

Instrument :

MSVOA_W

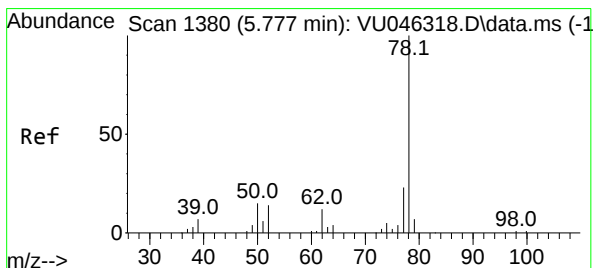
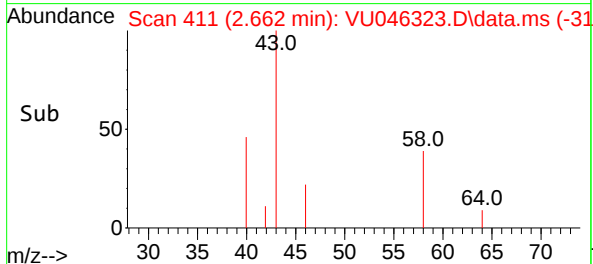
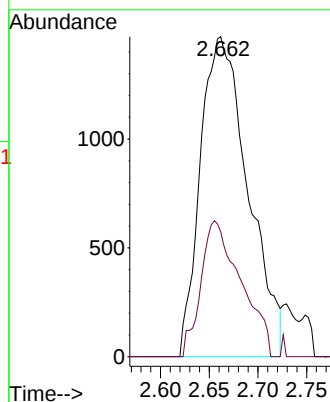
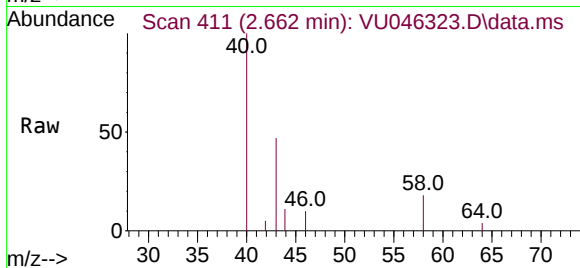
ClientSampleId :

Tgt Ion: 43 Resp: 4991

Ion Ratio Lower Upper

43 100

58 34.9 0.0 66.8



#33

Benzene

Concen: 0.709 ug/L

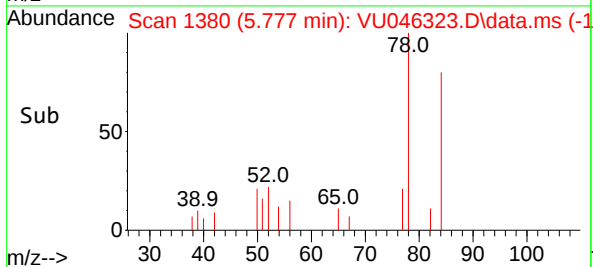
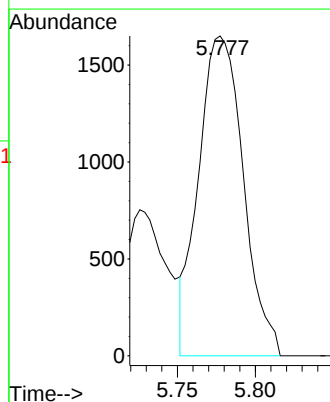
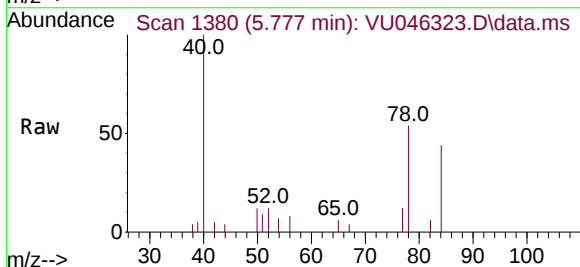
RT: 5.777 min Scan# 1380

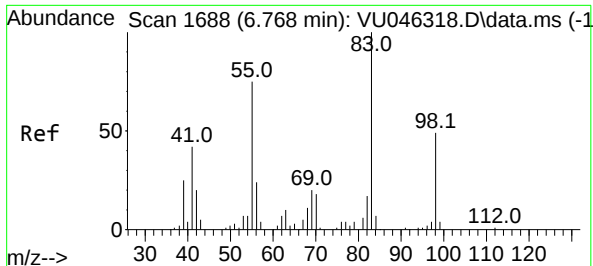
Delta R.T. -0.000 min

Lab File: VU046323.D

Acq: 13 Dec 2021 18:13

Tgt Ion: 78 Resp: 3294

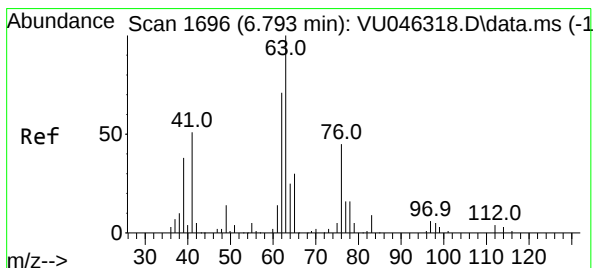
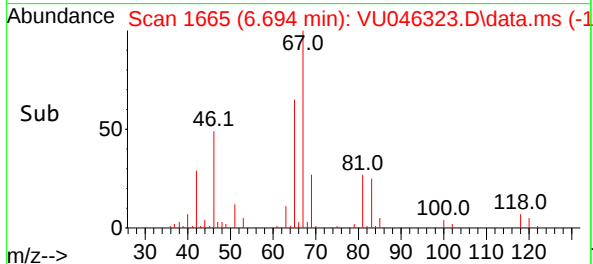
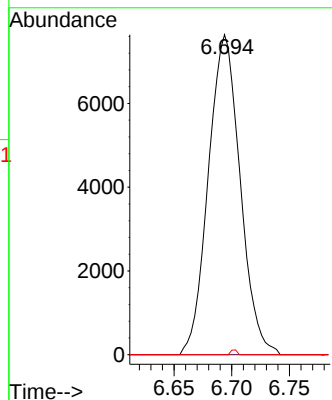
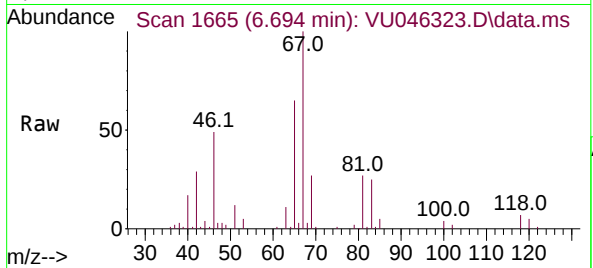




#35
Methylcyclohexane
Concen: 7.719 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046323.D
Acq: 13 Dec 2021 18:13

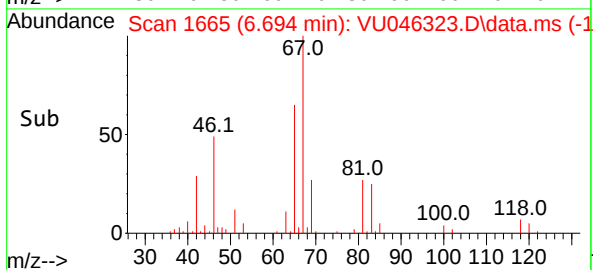
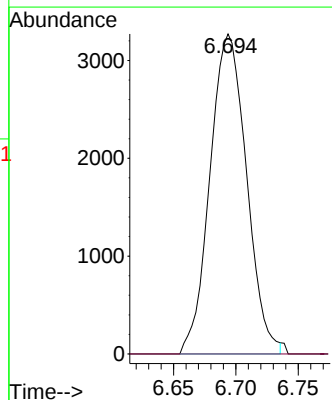
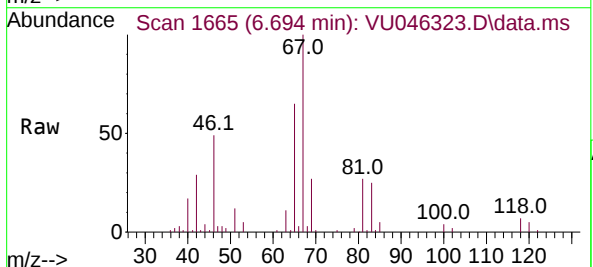
Instrument :
MSVOA_W
ClientSampleId :

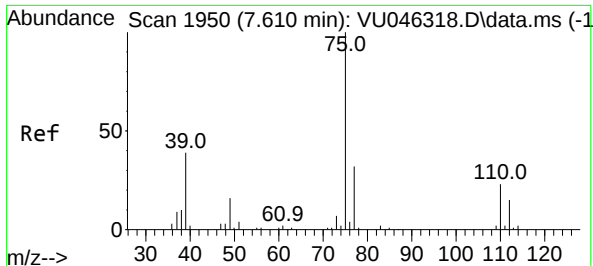
Tgt Ion: 83 Resp: 14640
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.3 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 5.493 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046323.D
Acq: 13 Dec 2021 18:13

Tgt Ion: 63 Resp: 6681
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.926 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046323.D

Acq: 13 Dec 2021 18:13

Instrument :

MSVOA_W

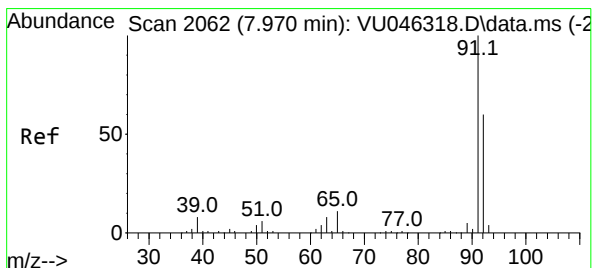
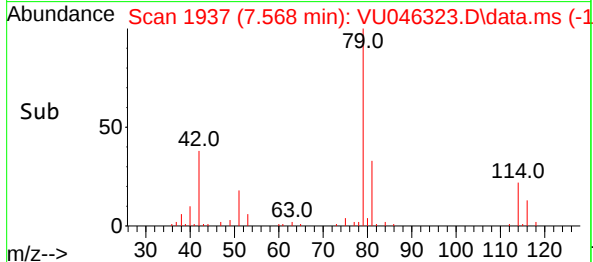
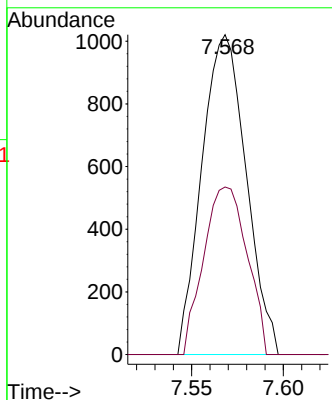
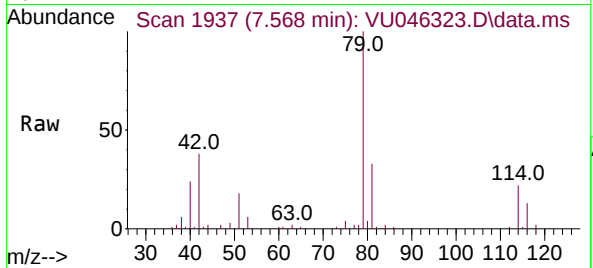
ClientSampleId :

Tgt Ion: 75 Resp: 1714

Ion Ratio Lower Upper

75 100

77 52.4 21.8 40.6#



#42

Toluene

Concen: 1.295 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU046323.D

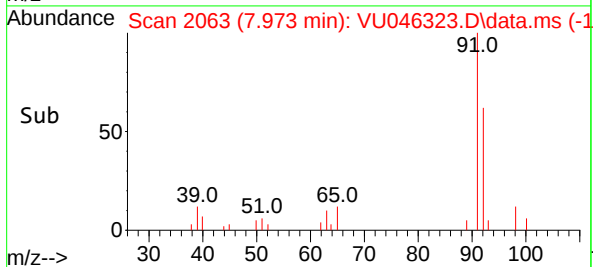
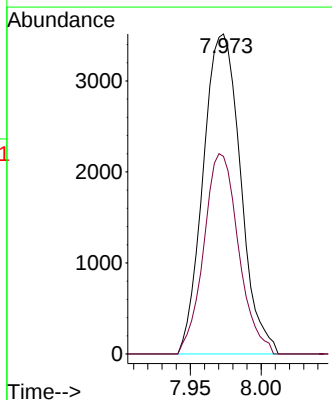
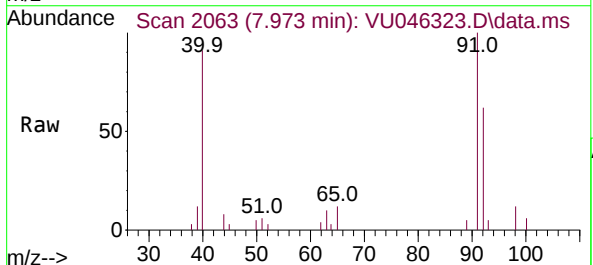
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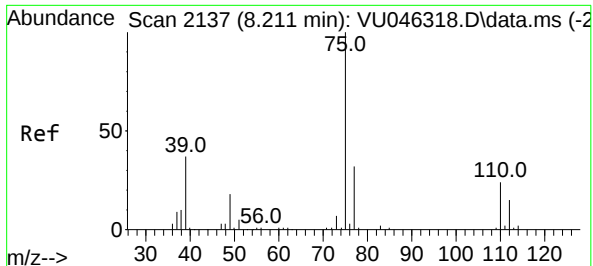
Tgt Ion: 91 Resp: 6454

Ion Ratio Lower Upper

91 100

92 61.7 41.9 77.7

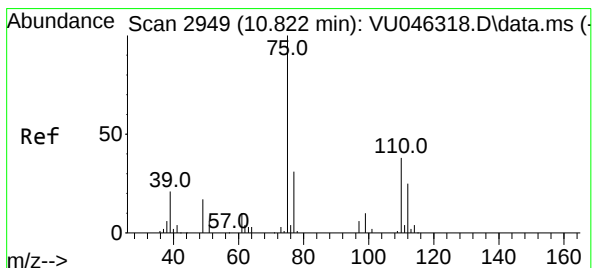
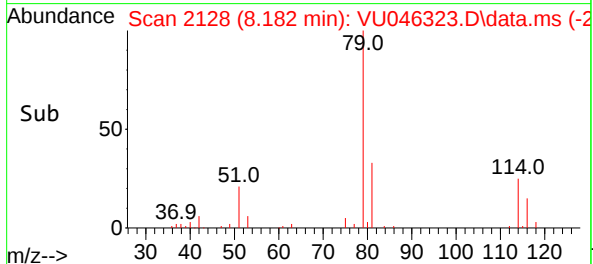
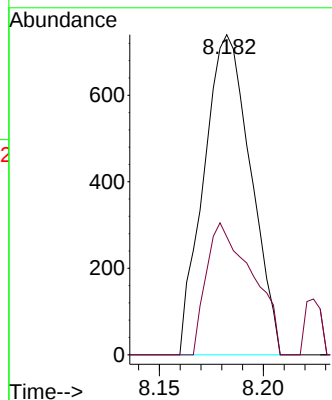
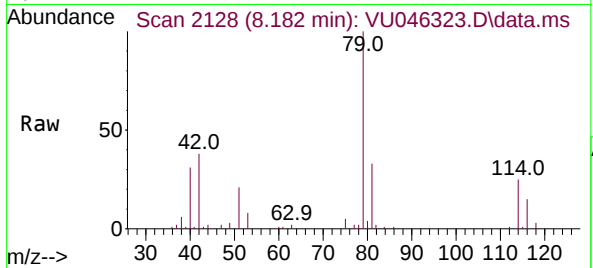




#44
trans-1,3-Dichloropropene
Concen: 0.640 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU046323.D
Acq: 13 Dec 2021 18:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 1163
Ion Ratio Lower Upper
75 100
77 36.9 21.7 40.3



#60
1,2,3-Trichloropropane
Concen: 5.734 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU046323.D
Acq: 13 Dec 2021 18:13

Tgt Ion: 75 Resp: 9373
Ion Ratio Lower Upper
75 100
77 33.9 26.4 39.6
110 1.5 32.4 48.6#

