

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047979.D
 Acq On : 13 Apr 2022 00:24
 Operator : SY/MD
 Sample : N2345-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 04:52:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 04:40:51 2022
 Response via : Initial Calibration

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

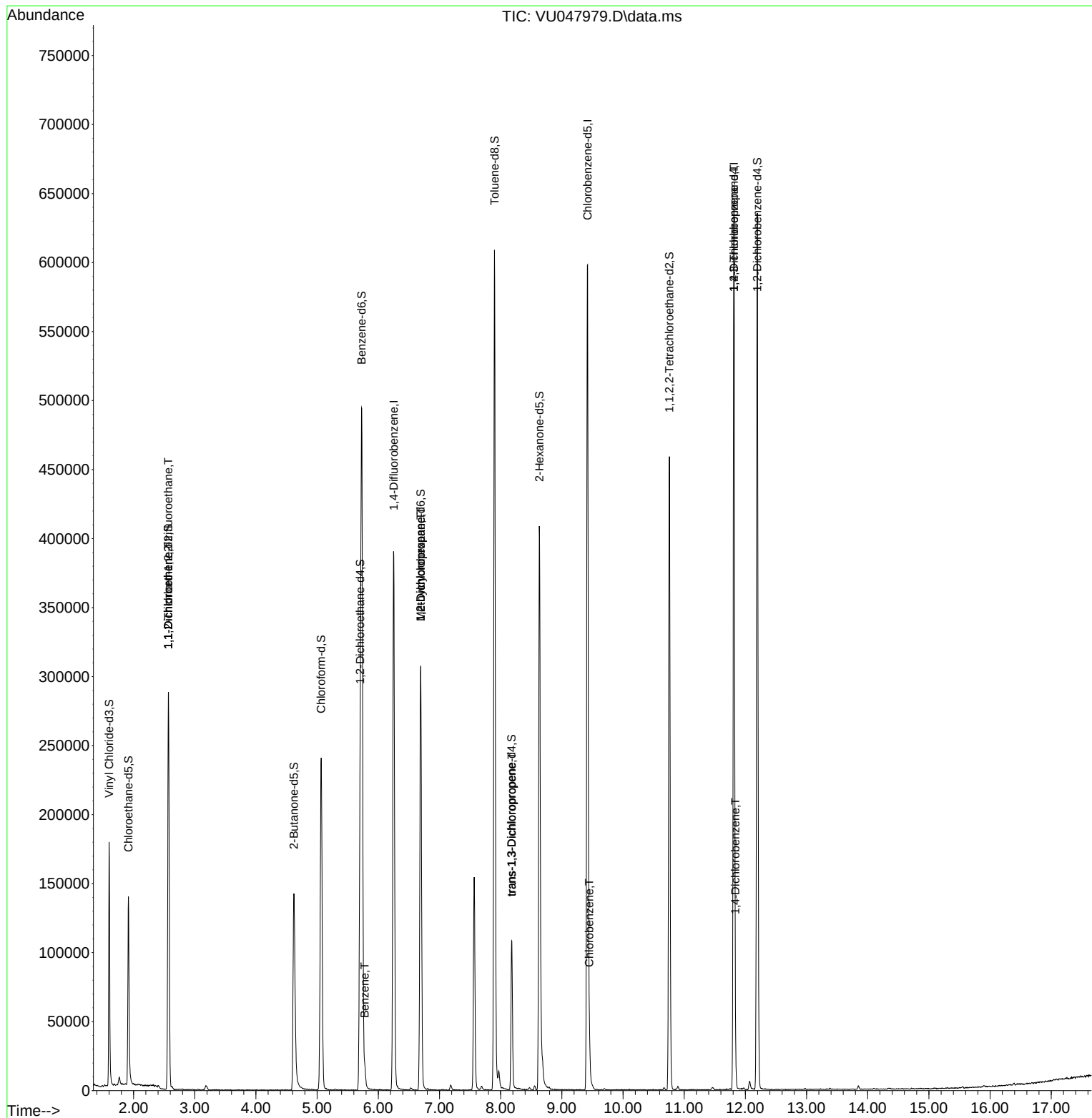
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	340091	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	357326	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	183383	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	127188	51.572	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 103.140%		
7) Chloroethane-d5	1.916	69	107204	55.129	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 110.260%		
11) 1,1-Dichloroethene-d2	2.568	63	164167	36.383	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 72.760%		
21) 2-Butanone-d5	4.620	46	207016	97.796	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 97.800%		
24) Chloroform-d	5.066	84	227201	50.349	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 100.700%		
26) 1,2-Dichloroethane-d4	5.703	65	147354	53.242	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 106.480%		
32) Benzene-d6	5.729	84	467112	51.951	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 103.900%		
36) 1,2-Dichloropropane-d6	6.693	67	150832	54.623	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 109.240%		
41) Toluene-d8	7.899	98	416282	47.520	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 95.040%		
43) trans-1,3-Dichloroprop...	8.179	79	61684	44.093	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 88.180%		
47) 2-Hexanone-d5	8.632	63	146823	90.829	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 90.830%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	226124	47.717	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 95.440%		
66) 1,2-Dichlorobenzene-d4	12.195	152	177199	54.313	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 108.620%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1612	0.643	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1399	0.600	ug/L #	1
33) Benzene	5.777	78	12887	1.246	ug/L	100
35) Methylcyclohexane	6.693	83	34562	8.378	ug/L #	21
37) 1,2-Dichloropropane	6.693	63	15203	5.782	ug/L #	88
44) trans-1,3-Dichloropropene	8.182	75	2684	0.659	ug/L #	81
51) Chlorobenzene	9.449	112	17901	2.323	ug/L	96
60) 1,2,3-Trichloropropane	11.812	75	20453	5.916	ug/L #	64
65) 1,4-Dichlorobenzene	11.835	146	5516	0.967	ug/L	94

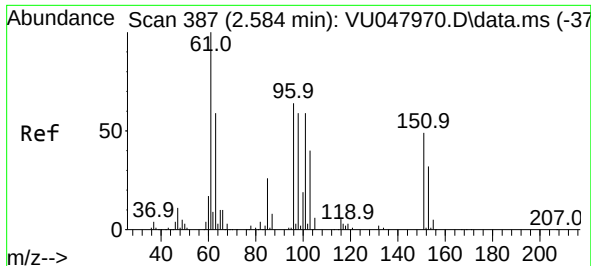
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 13 04:52:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 13 04:40:51 2022
Response via : Initial Calibration





#10

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

Concen: 0.643 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

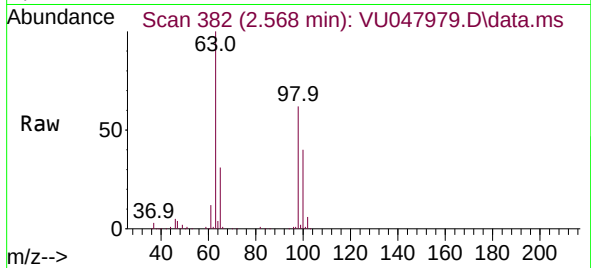
Lab File: VU047979.D

Acq: 13 Apr 2022 00:24

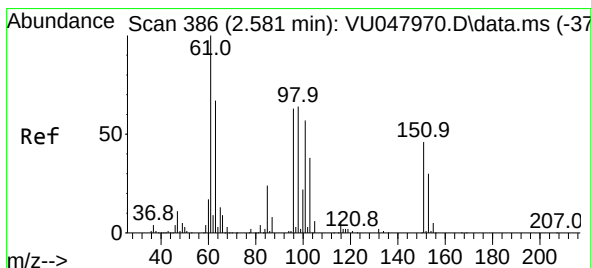
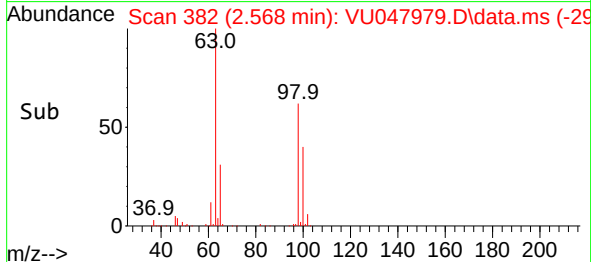
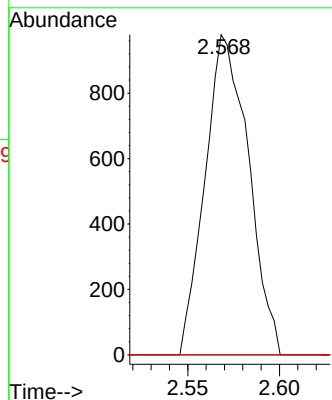
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:101	Resp:	1612
Ion	Ratio	Lower Upper
101	100	
85	0.0	32.8 49.2#
151	0.0	63.0 94.6#



#12

1,1-Dichloroethene

Concen: 0.600 ug/L

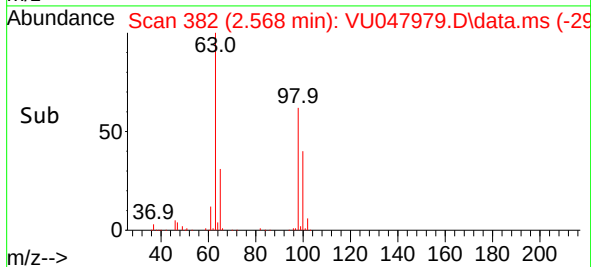
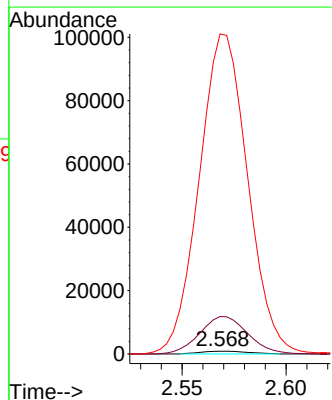
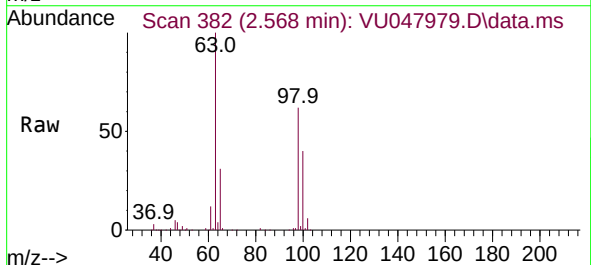
RT: 2.568 min Scan# 382

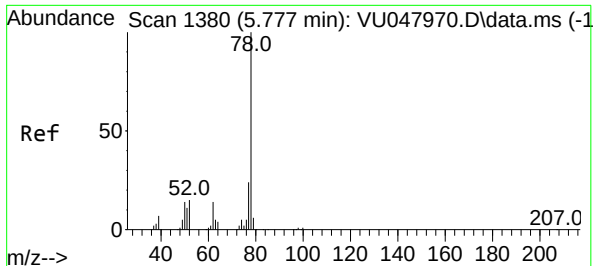
Delta R.T. -0.013 min

Lab File: VU047979.D

Acq: 13 Apr 2022 00:24

Tgt Ion: 96	Resp:	1399
Ion	Ratio	Lower Upper
96	100	
61	1358.4	113.1 210.1#
63	11616.6	94.8 176.0#

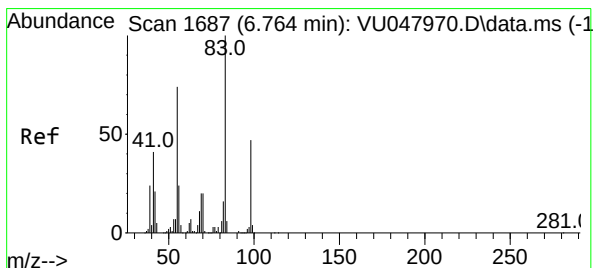
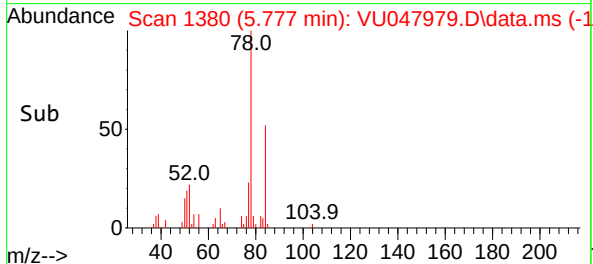
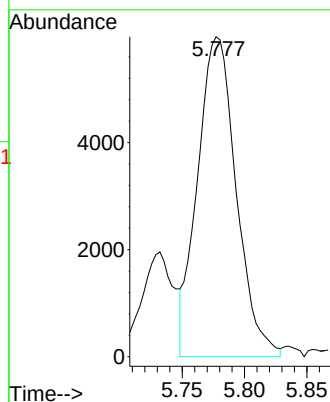
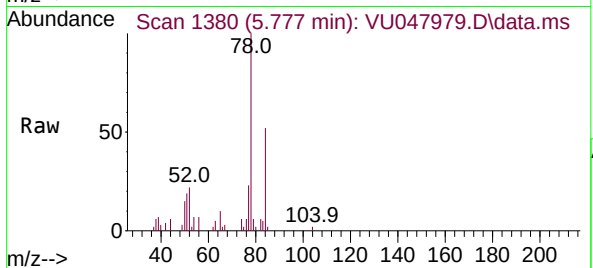




#33
Benzene
Concen: 1.246 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047979.D
Acq: 13 Apr 2022 00:24

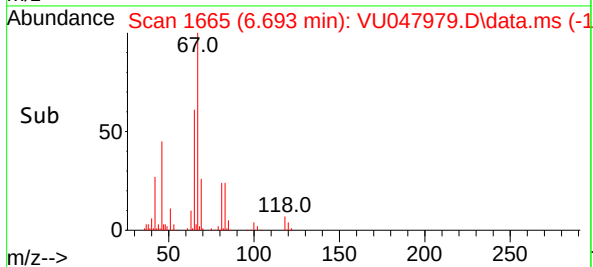
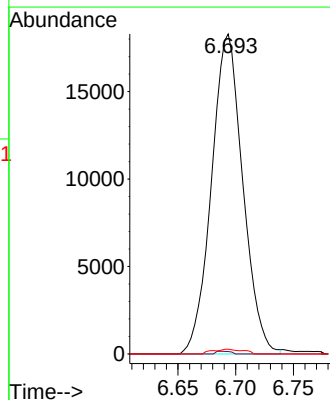
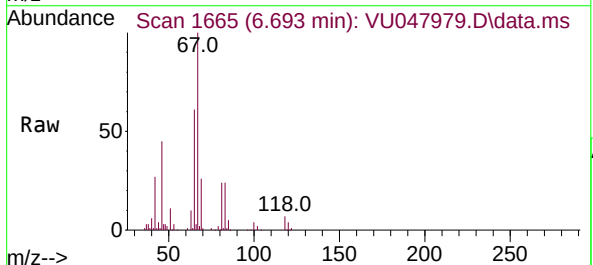
Instrument :
MSVOA_U
ClientSampleId :

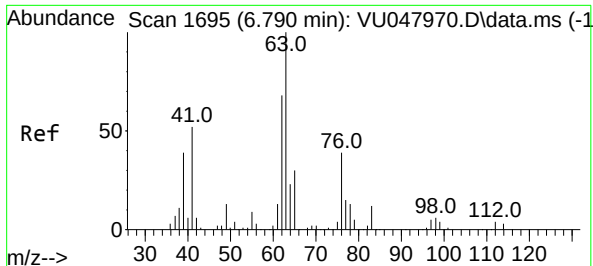
Tgt Ion: 78 Resp: 12887



#35
Methylcyclohexane
Concen: 8.378 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU047979.D
Acq: 13 Apr 2022 00:24

Tgt Ion: 83 Resp: 34562
Ion Ratio Lower Upper
83 100
55 0.4 56.8 85.2#
98 0.3 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 5.782 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU047979.D

Acq: 13 Apr 2022 00:24

Instrument :

MSVOA_U

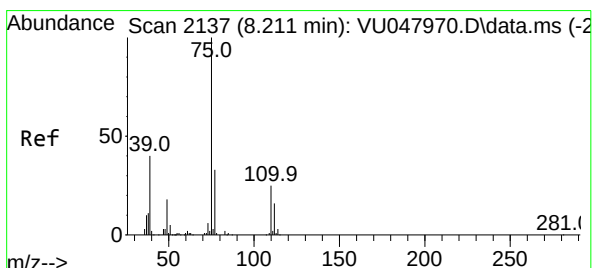
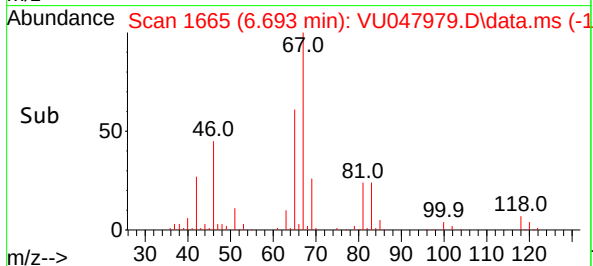
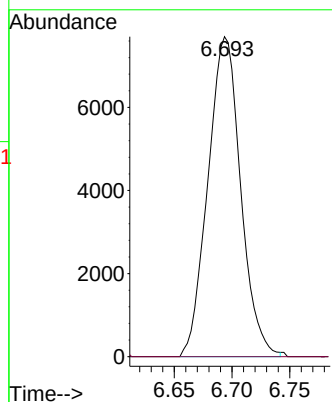
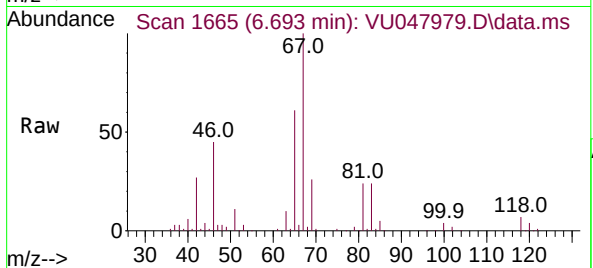
ClientSampleId :

Tgt Ion: 63 Resp: 15203

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#



#44

trans-1,3-Dichloropropene

Concen: 0.659 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU047979.D

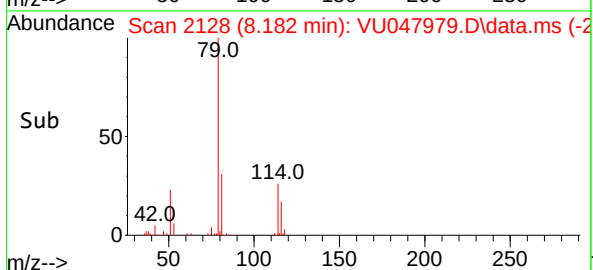
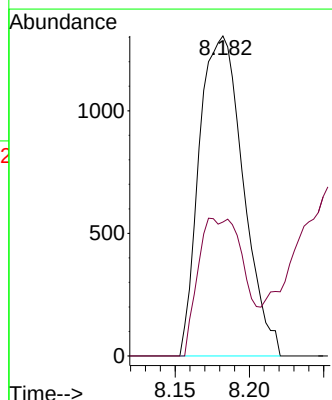
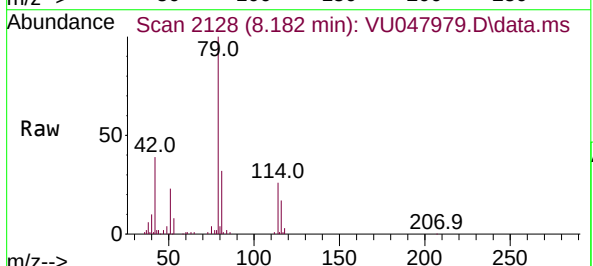
Acq: 13 Apr 2022 00:24

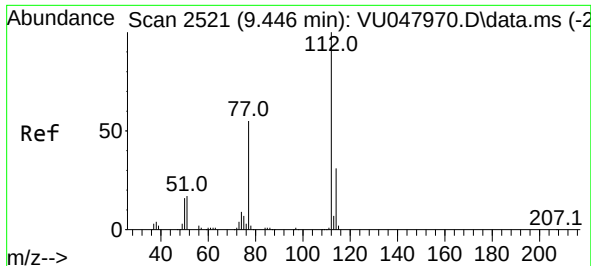
Tgt Ion: 75 Resp: 2684

Ion Ratio Lower Upper

75 100

77 41.8 22.0 40.8#

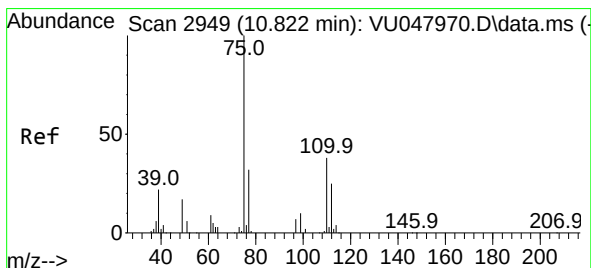
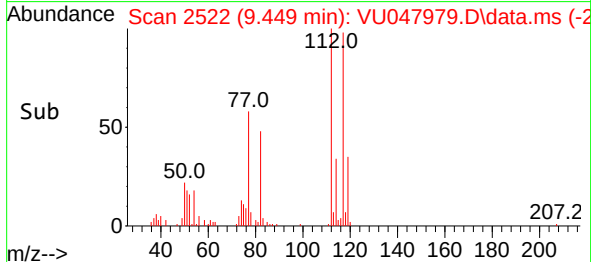
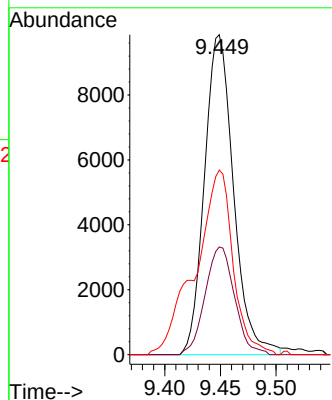
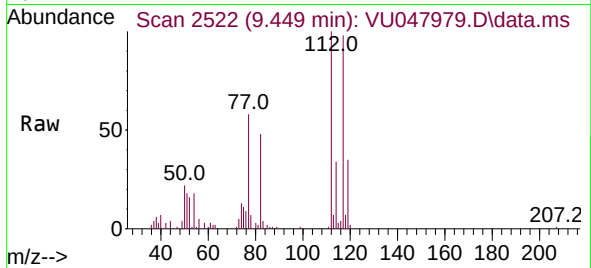




#51
Chlorobenzene
Concen: 2.323 ug/L
RT: 9.449 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047979.D
Acq: 13 Apr 2022 00:24

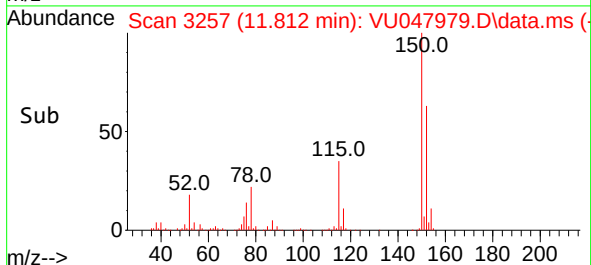
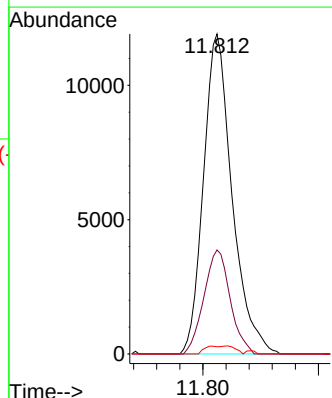
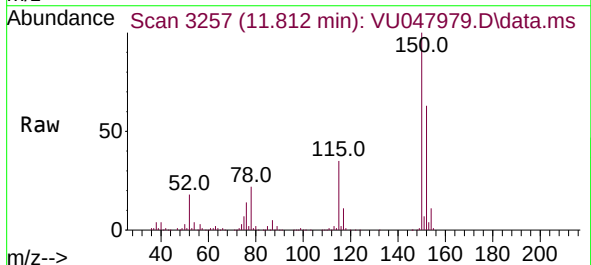
Instrument :
MSVOA_U
ClientSampleId :

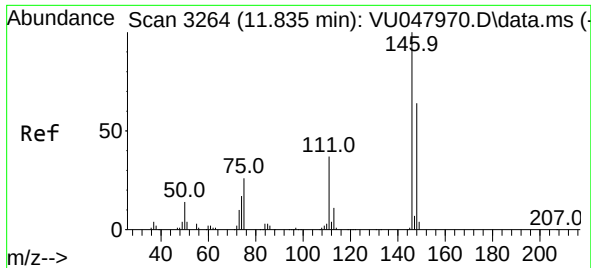
Tgt Ion:	112	Resp:	17901
Ion	Ratio	Lower	Upper
112	100		
114	33.6	22.1	41.1
77	57.7	43.4	65.0



#60
1,2,3-Trichloropropane
Concen: 5.916 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU047979.D
Acq: 13 Apr 2022 00:24

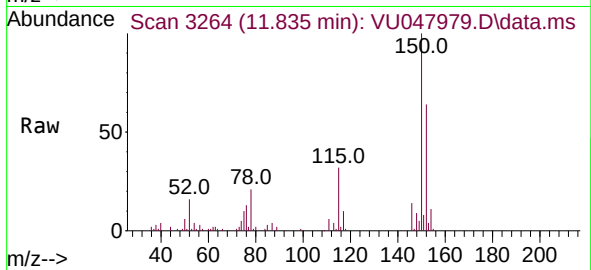
Tgt Ion:	75	Resp:	20453
Ion	Ratio	Lower	Upper
75	100		
77	29.8	26.0	39.0
110	1.2	31.4	47.2





#65
 1,4-Dichlorobenzene
 Concen: 0.967 ug/L
 RT: 11.835 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU047979.D
 Acq: 13 Apr 2022 00:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	146	Resp:	5516
Ion Ratio	Lower	Upper	
146	100		
111	40.8	25.3	47.1
148	67.4	44.5	82.7

