

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U020422\
 Data File : U020422.D
 Acq On : 04 Feb 2022 18:22
 Operator : SY/MD
 Sample : N1349-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 01:35:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 01:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	97467	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	113452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54008	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	62541	5.002	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.919	69	48082	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.572	65	24302	5.430	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.600%
20) 2-Butanone-d5	4.636	46	133785	53.512	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.020%
24) Chloroform-d	5.067	84	101937	5.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.707	65	53799	5.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.732	84	203660	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.694	67	64724	5.222	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.903	98	171984	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.182	79	23844	5.048	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.636	63	133553	61.044	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.080%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	53146	5.022	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	67476	6.136	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.800%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1537	0.140	ug/L	90
5) Vinyl chloride	1.607	62	1525	0.138	ug/L #	32
9) Trichlorofluoromethane	2.147	101	960	0.069	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	866	0.106	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	21019	2.905	ug/L	87
18) trans-1,2-Dichloroethene	3.359	96	729	0.096	ug/L	90
19) 1,1-Dichloroethane	3.877	63	28616	2.037	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	105596	13.304	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	3781	0.292	ug/L	95
34) Trichloroethene	6.546	95	246708	30.623	ug/L	99
35) Methylcyclohexane	6.694	83	15545	1.392	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	6475	0.768	ug/L #	85
39) cis-1,3-Dichloropropene	7.568	75	1496	0.137	ug/L #	53
45) 1,1,2-Trichloroethane	8.581	97	200081	31.918	ug/L #	30
49) Dibromochloromethane	8.578	129	21734880	2968.256	ug/L #	11
55) Styrene	10.111	104	1233	0.059	ug/L	99
61) 1,2,3-Trichloropropane	11.812	75	6787	1.347	ug/L #	63
65) 1,4-Dichlorobenzene	11.841	146	1100	0.075	ug/L	90
71) Naphthalene	14.086	128	2024	0.134	ug/L #	82

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
Data File : VU047053.D
Acq On : 04 Feb 2022 18:22
Operator : SY/MD
Sample : N1349-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

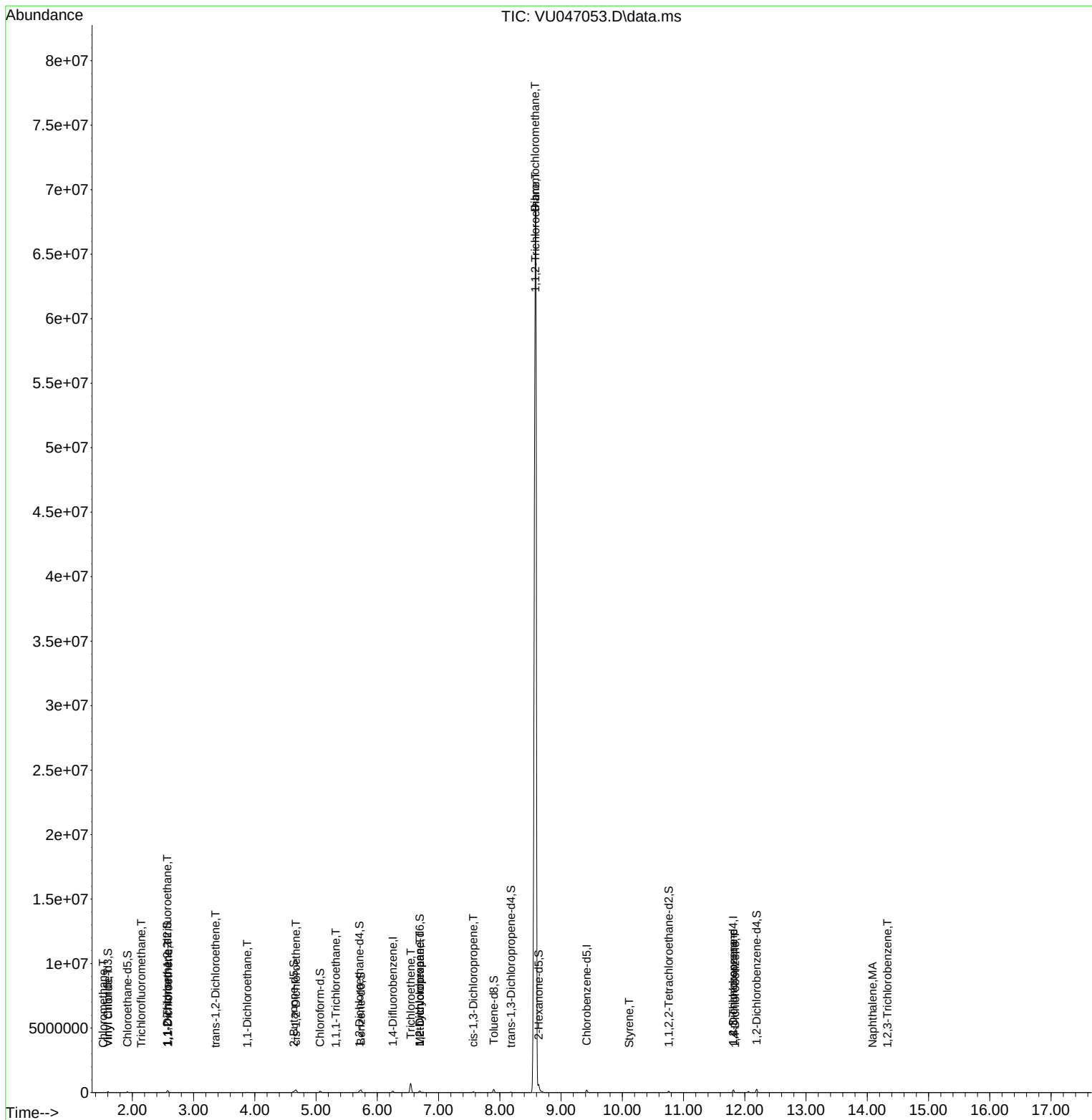
Instrument :
MSVOA_U
ClientSampleId :

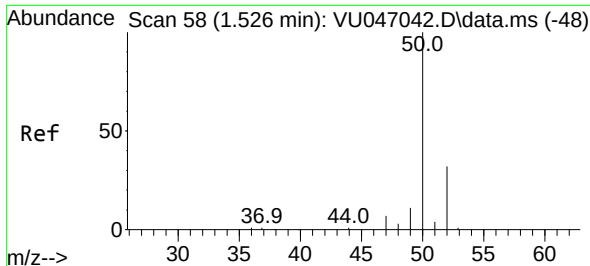
Quant Time: Feb 05 01:35:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 05 01:18:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	14.330	180	1202	0.145	ug/L	90

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

Quant Time: Feb 05 01:35:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 05 01:18:17 2022
Response via : Initial Calibration

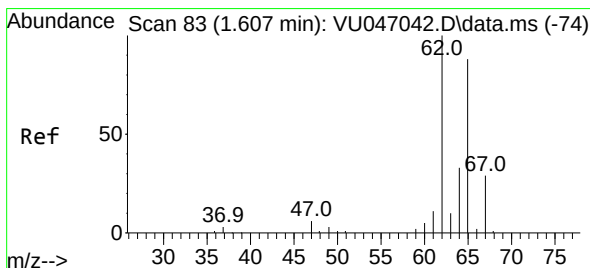
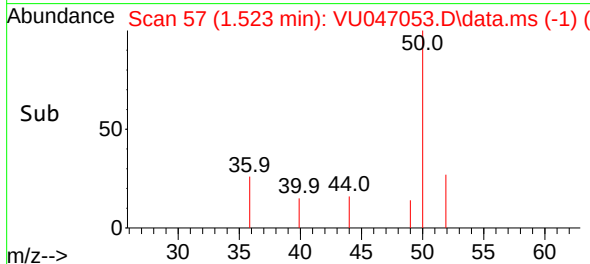
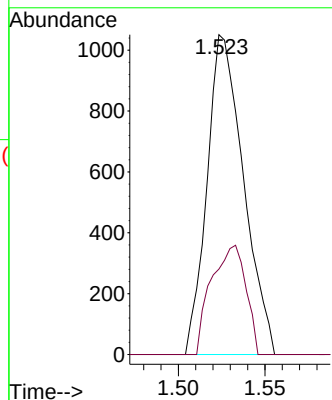
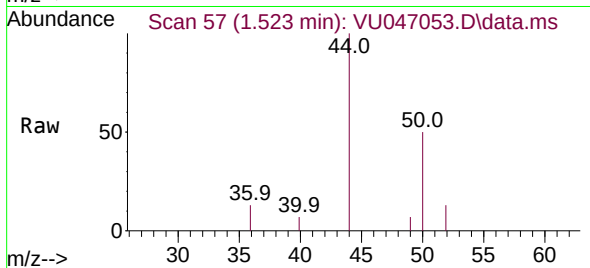




#3
Chloromethane
Concen: 0.140 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU047053.D
Acq: 04 Feb 2022 18:22

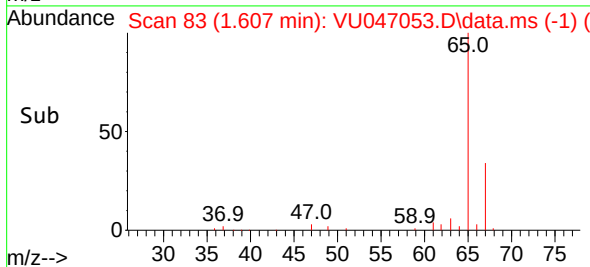
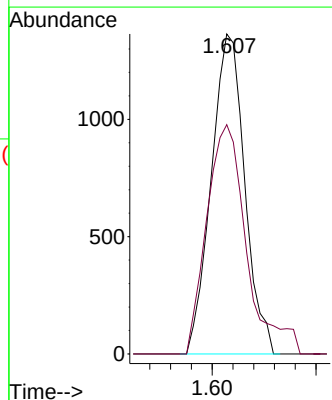
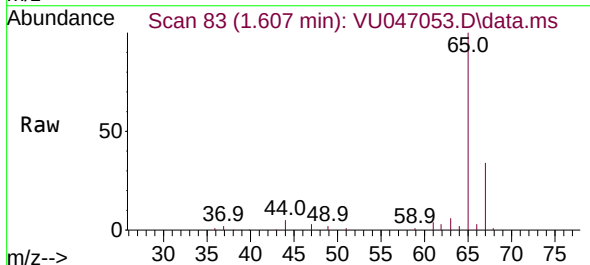
Instrument :
MSVOA_U
ClientSampleId :

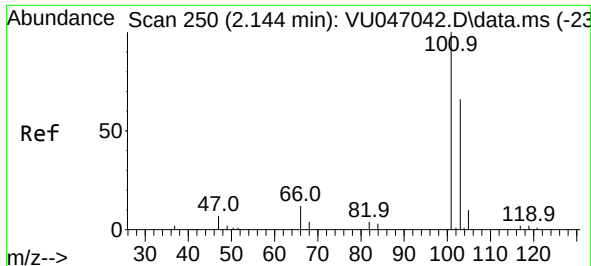
Tgt Ion: 50 Resp: 1537
Ion Ratio Lower Upper
50 100
52 26.7 22.7 42.3



#5
Vinyl chloride
Concen: 0.138 ug/L
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU047053.D
Acq: 04 Feb 2022 18:22

Tgt Ion: 62 Resp: 1525
Ion Ratio Lower Upper
62 100
64 71.6 23.1 42.9

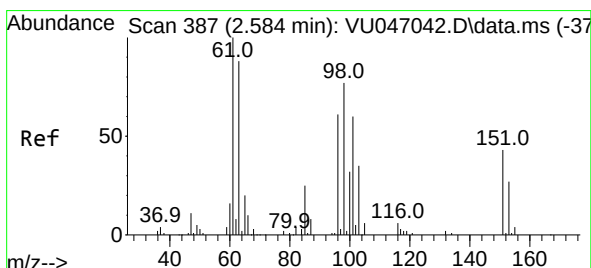
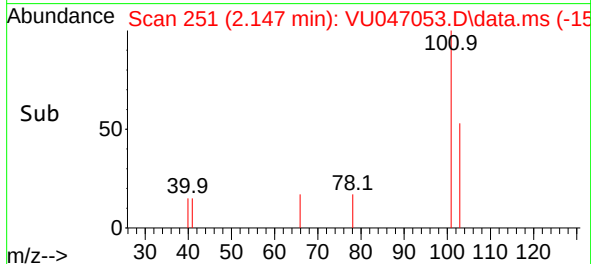
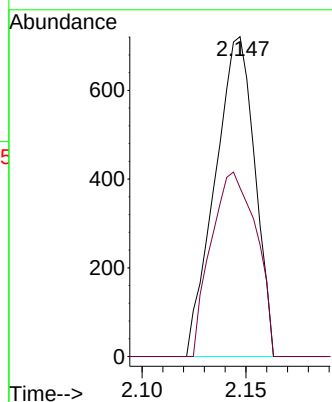
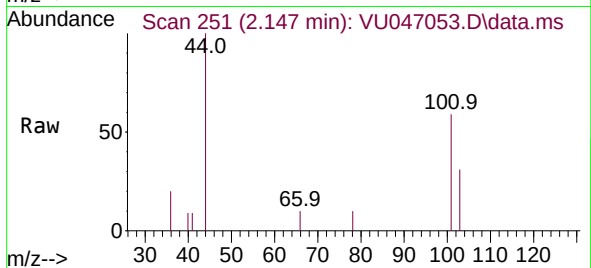




#9
 Trichlorofluoromethane
 Concen: 0.069 ug/L
 RT: 2.147 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU047053.D
 Acq: 04 Feb 2022 18:22

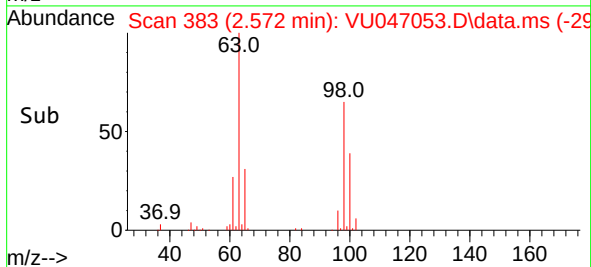
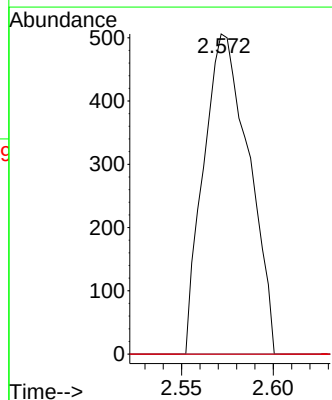
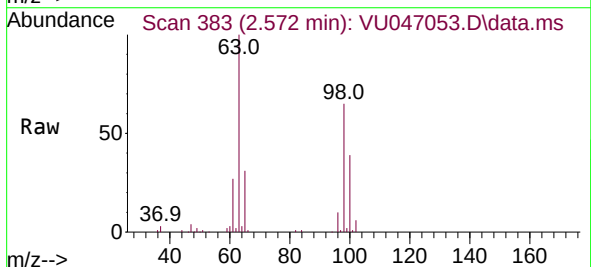
Instrument :
 MSVOA_U
 ClientSampleId :

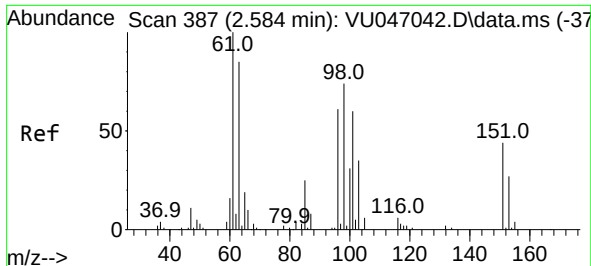
Tgt Ion:101 Resp: 960
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.7 77.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.106 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU047053.D
 Acq: 04 Feb 2022 18:22

Tgt Ion:101 Resp: 866
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 57.2 85.8#





#12

1,1-Dichloroethene

Concen: 2.905 ug/L

RT: 2.588 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU047053.D

Acq: 04 Feb 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

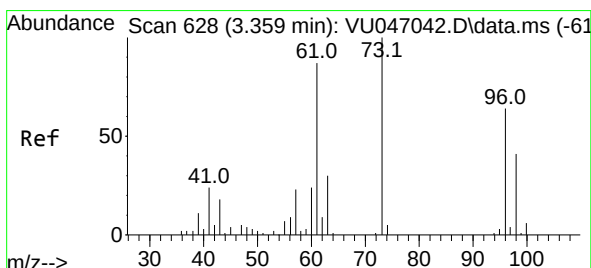
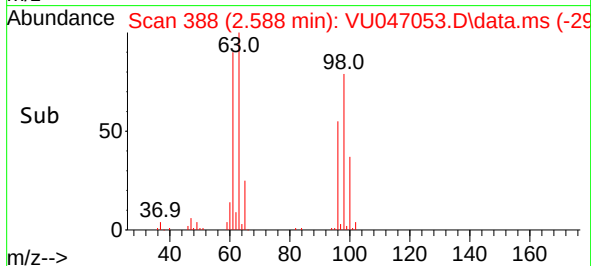
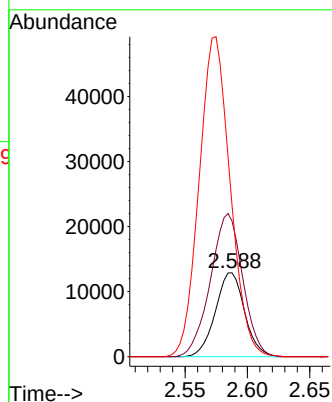
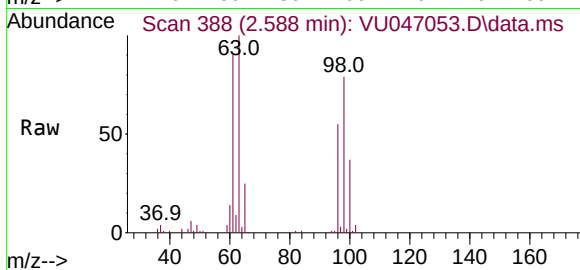
Tgt Ion: 96 Resp: 21019

Ion Ratio Lower Upper

96 100

61 161.8 115.5 214.5

63 180.3 103.6 192.4



#18

trans-1,2-Dichloroethene

Concen: 0.096 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047053.D

Acq: 04 Feb 2022 18:22

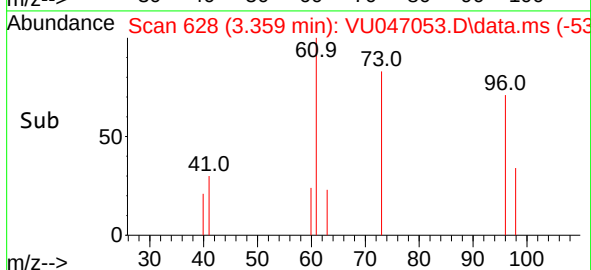
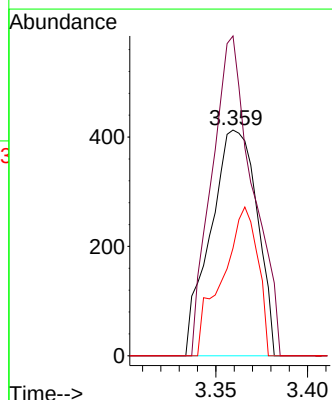
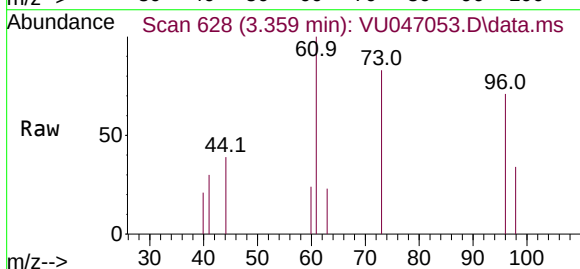
Tgt Ion: 96 Resp: 729

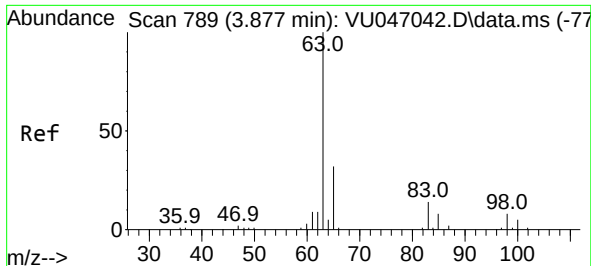
Ion Ratio Lower Upper

96 100

61 141.6 95.1 176.7

98 47.7 44.8 83.2





#19

1,1-Dichloroethane

Concen: 2.037 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU047053.D

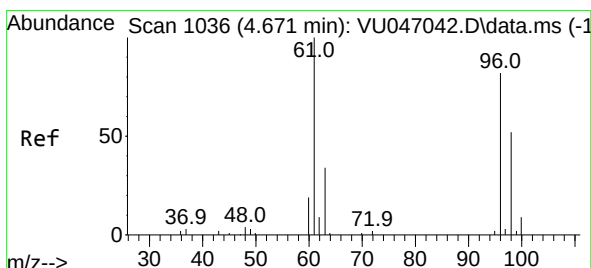
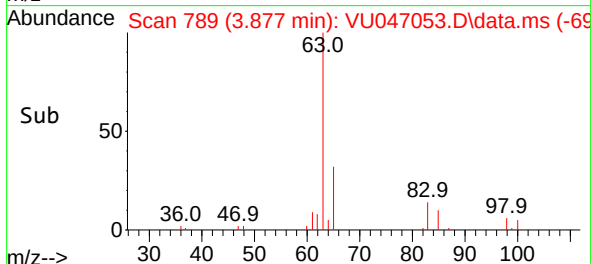
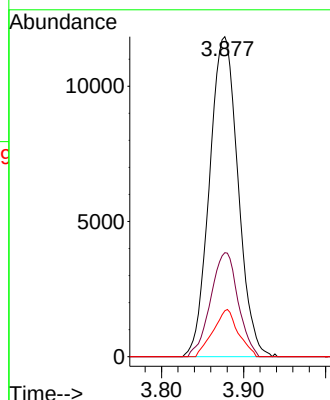
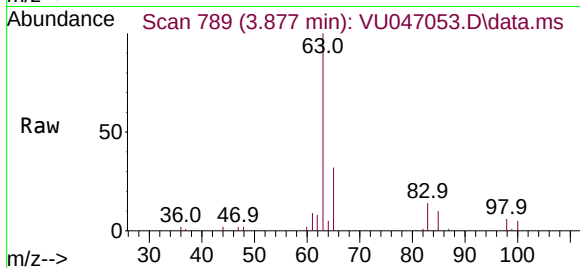
Acq: 04 Feb 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 28616
Ion Ratio	Lower Upper
63 100	
65 32.5	22.7 42.1
83 14.3	9.7 17.9



#22

cis-1,2-Dichloroethene

Concen: 13.304 ug/L

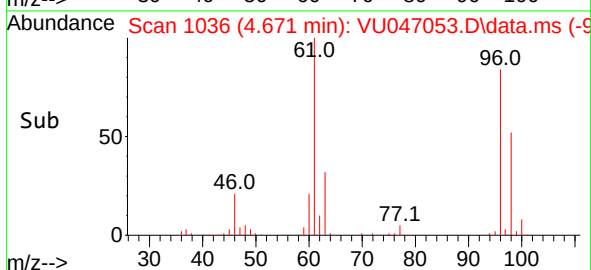
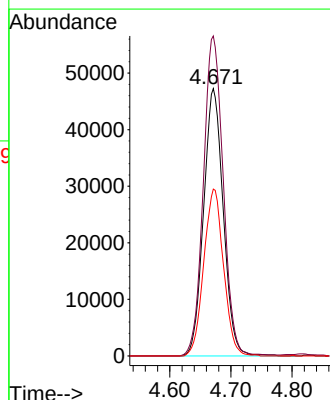
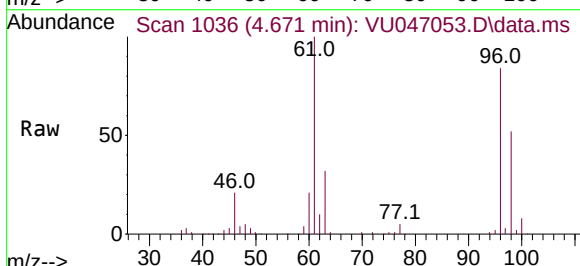
RT: 4.671 min Scan# 1036

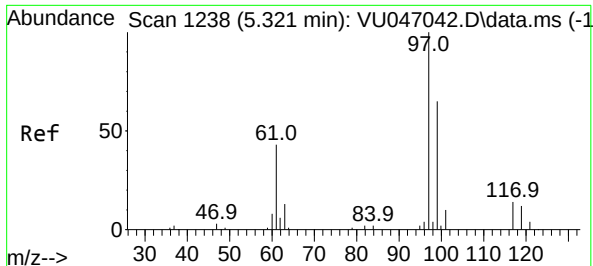
Delta R.T. 0.000 min

Lab File: VU047053.D

Acq: 04 Feb 2022 18:22

Tgt Ion: 96	Resp: 105596
Ion Ratio	Lower Upper
96 100	
61 119.7	85.6 159.0
98 62.4	44.7 83.1





#29

1,1,1-Trichloroethane

Concen: 0.292 ug/L

RT: 5.324 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047053.D

Acq: 04 Feb 2022 18:22

Instrument :

MSVOA_U

ClientSampleId :

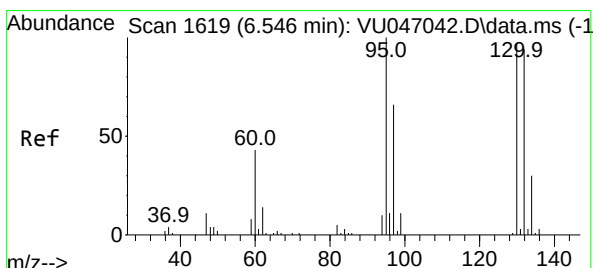
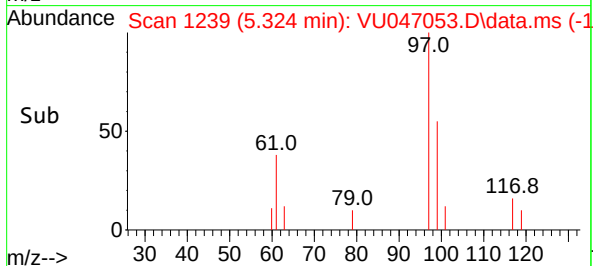
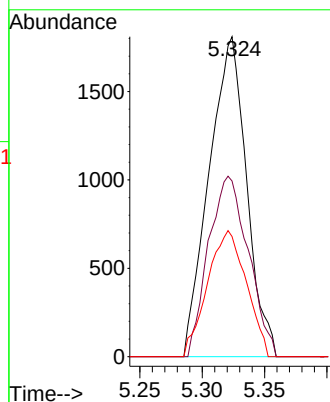
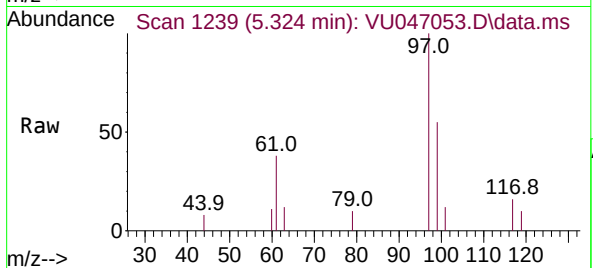
Tgt Ion: 97 Resp: 3781

Ion Ratio Lower Upper

97 100

99 60.0 51.5 77.3

61 40.9 34.6 52.0



#34

Trichloroethene

Concen: 30.623 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU047053.D

Acq: 04 Feb 2022 18:22

Tgt Ion: 95 Resp: 246708

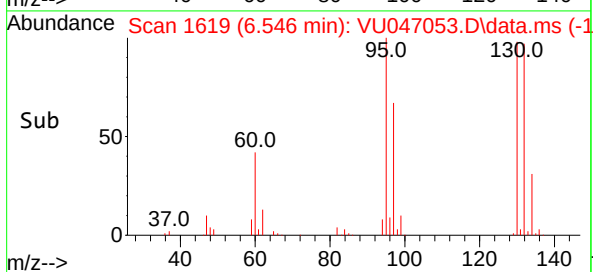
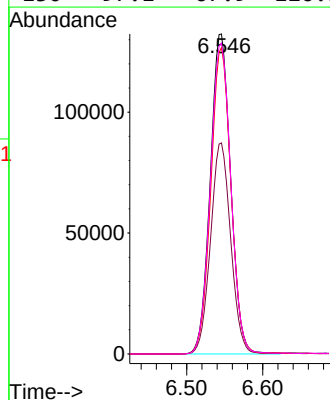
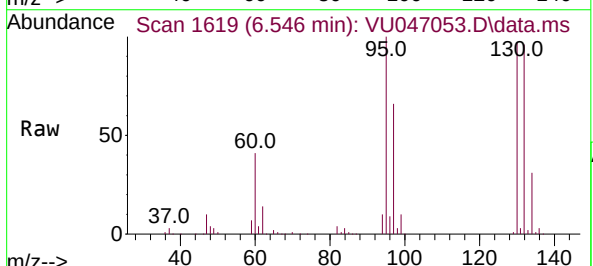
Ion Ratio Lower Upper

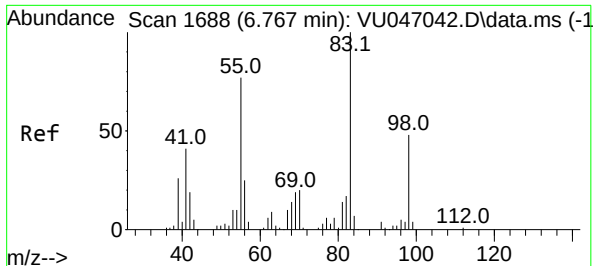
95 100

97 66.0 46.1 85.5

132 95.7 65.9 122.5

130 97.1 67.9 126.1

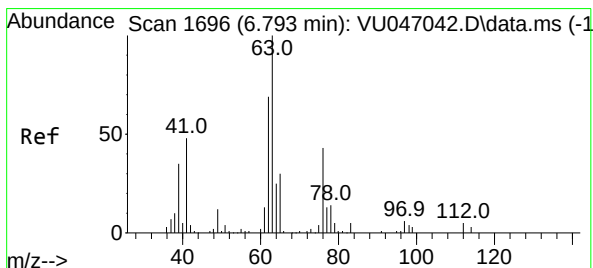
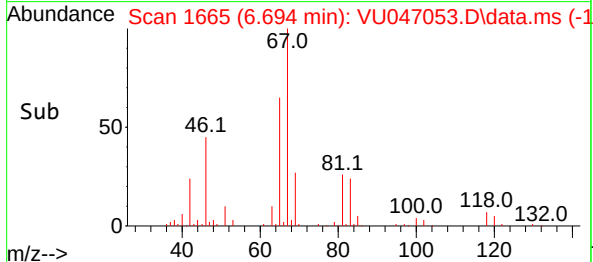
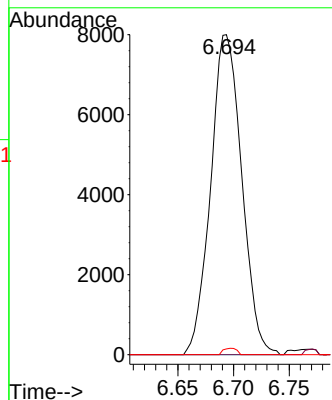
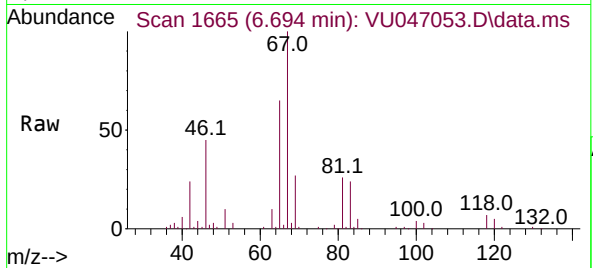




#35
Methylcyclohexane
Concen: 1.392 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047053.D
Acq: 04 Feb 2022 18:22

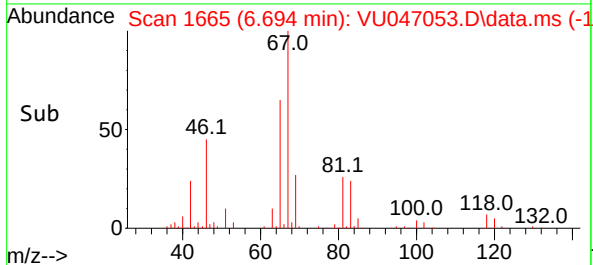
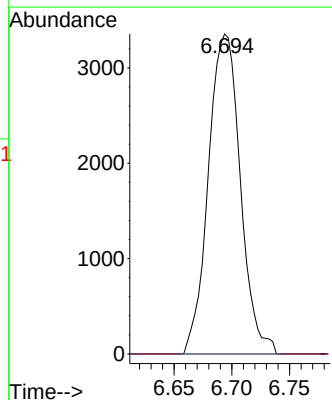
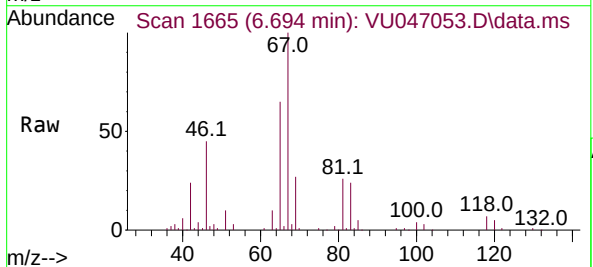
Instrument :
MSVOA_U
ClientSampleId :

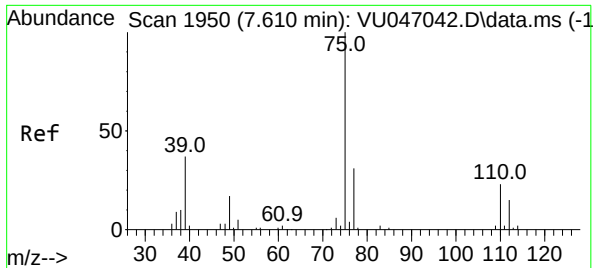
Tgt Ion: 83 Resp: 15545
Ion Ratio Lower Upper
83 100
55 0.6 61.2 91.8#
98 0.0 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.768 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047053.D
Acq: 04 Feb 2022 18:22

Tgt Ion: 63 Resp: 6475
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.137 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047053.D

Acq: 04 Feb 2022 18:22

Instrument :

MSVOA_U

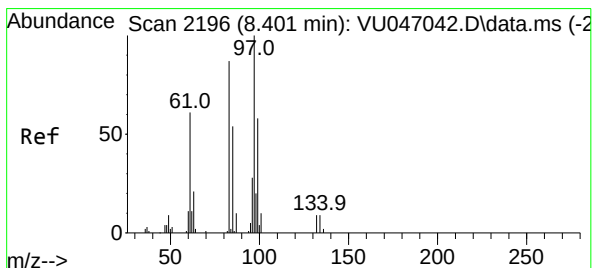
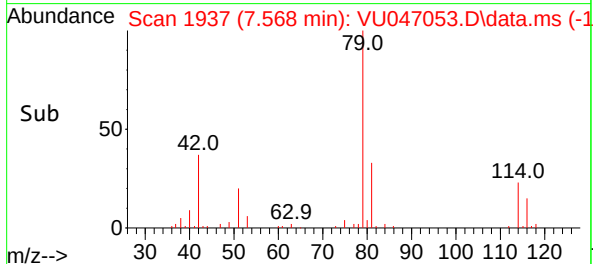
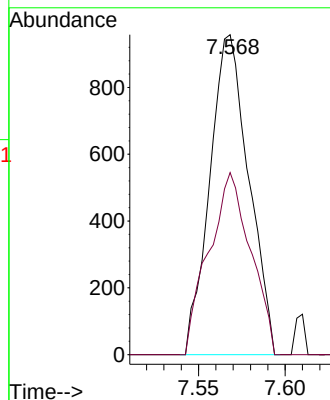
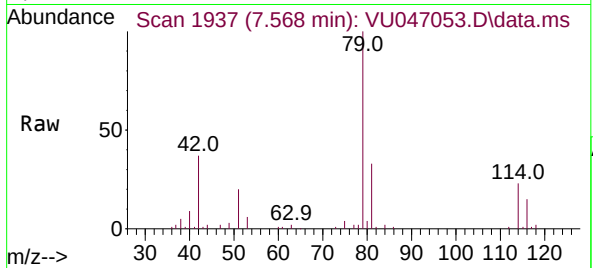
ClientSampleId :

Tgt Ion: 75 Resp: 1496

Ion Ratio Lower Upper

75 100

77 56.9 21.6 40.2#



#45

1,1,2-Trichloroethane

Concen: 31.918 ug/L

RT: 8.581 min Scan# 2252

Delta R.T. 0.180 min

Lab File: VU047053.D

Acq: 04 Feb 2022 18:22

Tgt Ion: 97 Resp: 200081

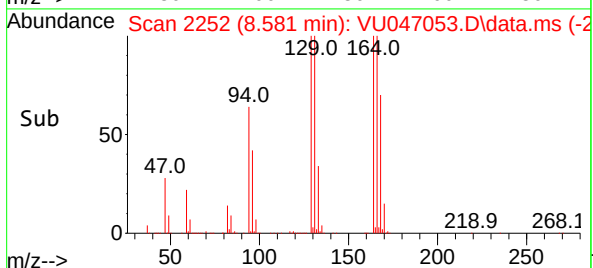
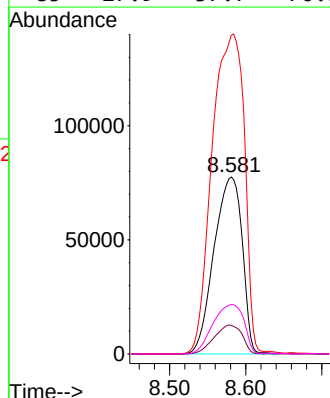
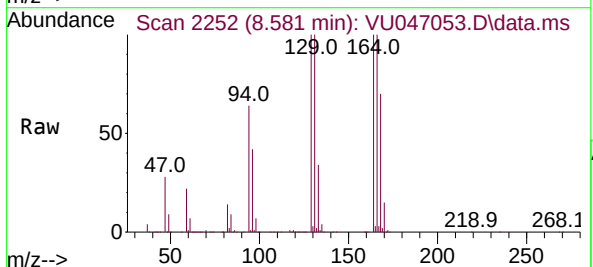
Ion Ratio Lower Upper

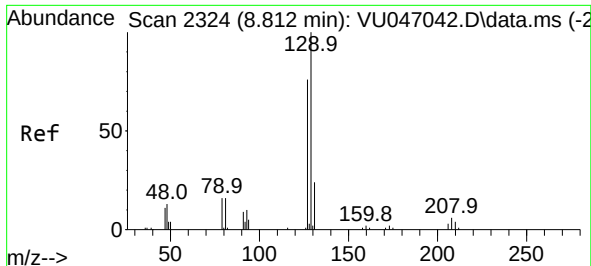
97 100

99 16.2 40.4 75.0#

83 180.0 60.6 112.6#

85 27.9 37.7 70.1#

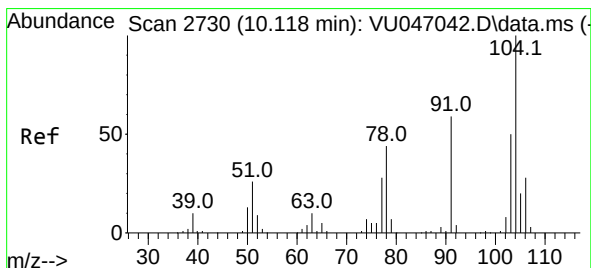
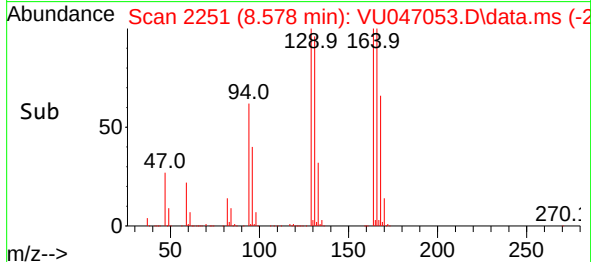
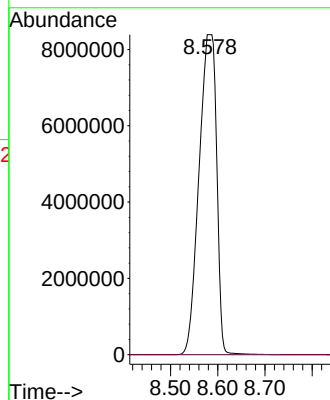
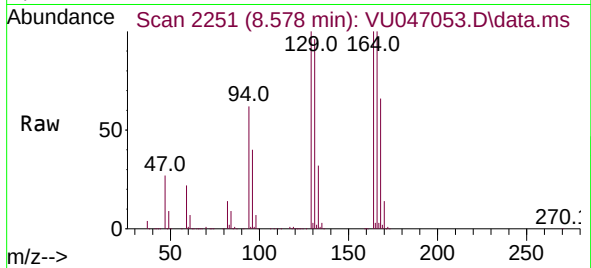




#49
Dibromochloromethane
Concen: 2968.256 ug/L
RT: 8.578 min Scan# 21
Delta R.T. -0.235 min
Lab File: VU047053.D
Acq: 04 Feb 2022 18:22

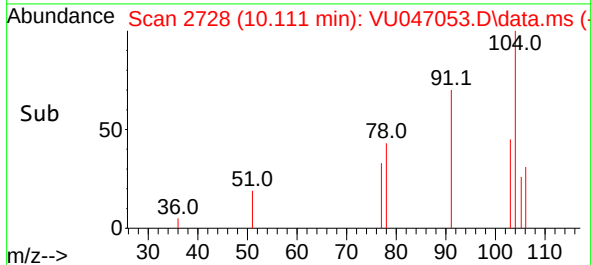
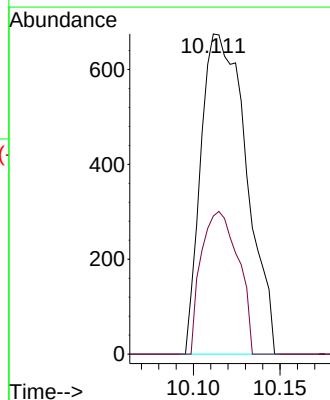
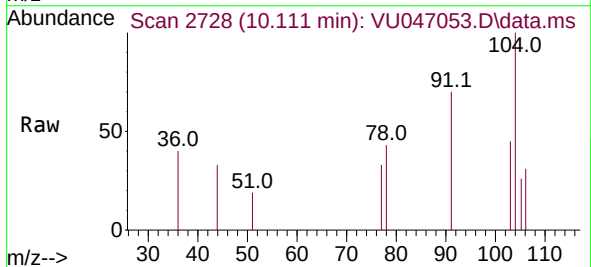
Instrument :
MSVOA_U
ClientSampleId :

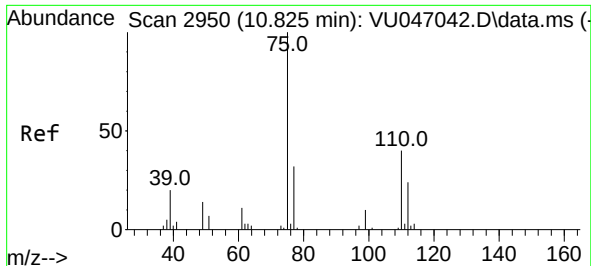
Tgt Ion:129 Resp:21734880
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#



#55
Styrene
Concen: 0.059 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.006 min
Lab File: VU047053.D
Acq: 04 Feb 2022 18:22

Tgt Ion:104 Resp: 1233
Ion Ratio Lower Upper
104 100
78 43.1 30.7 57.1

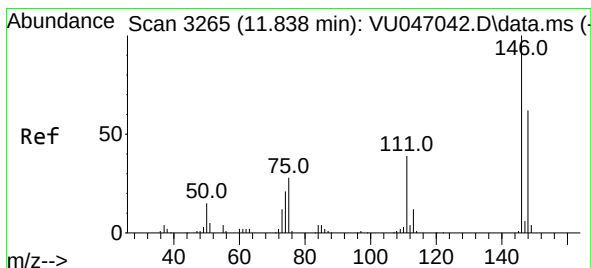
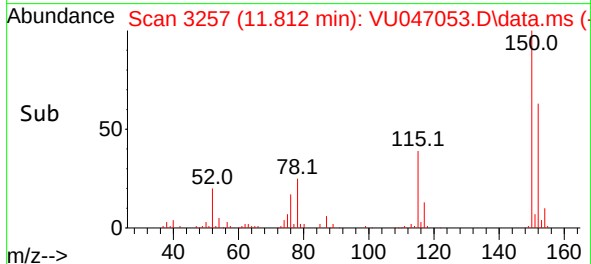
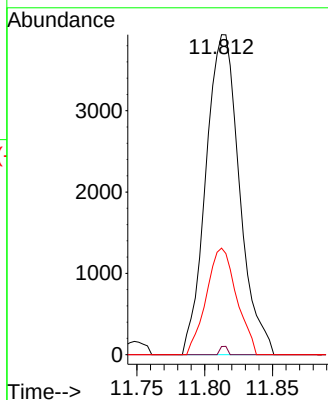
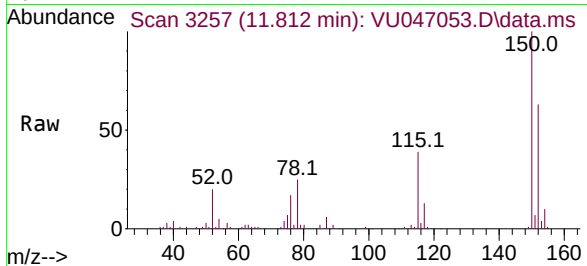




#61
1,2,3-Trichloropropane
Concen: 1.347 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU047053.D
Acq: 04 Feb 2022 18:22

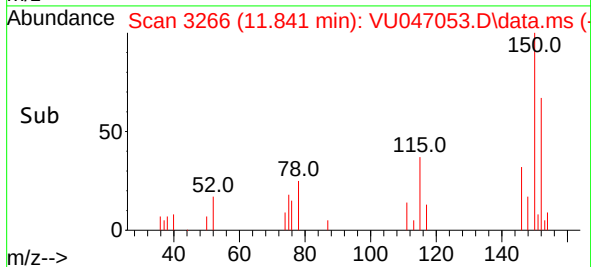
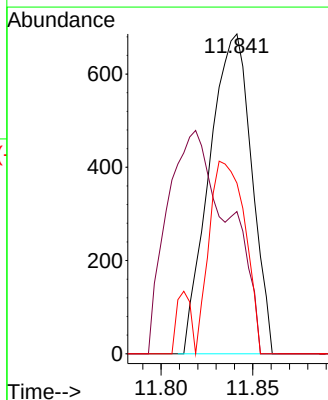
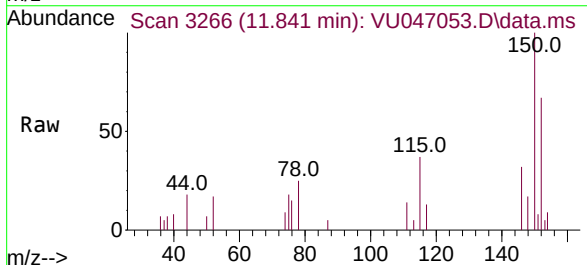
Instrument :
MSVOA_U
ClientSampleId :

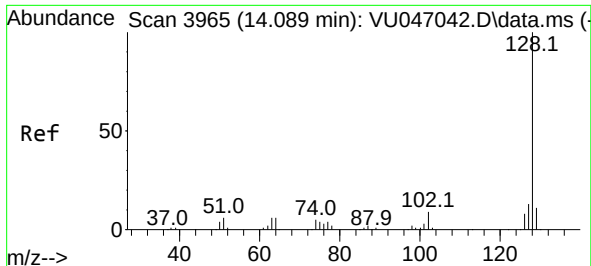
Tgt Ion: 75 Resp: 6787
Ion Ratio Lower Upper
75 100
110 0.6 31.7 47.5#
77 30.0 26.1 39.1



#65
1,4-Dichlorobenzene
Concen: 0.075 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU047053.D
Acq: 04 Feb 2022 18:22

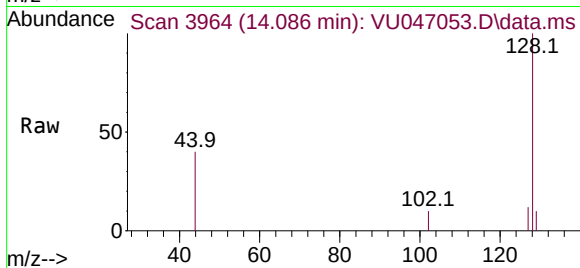
Tgt Ion:146 Resp: 1100
Ion Ratio Lower Upper
146 100
111 44.5 27.5 51.1
148 53.4 43.6 81.0



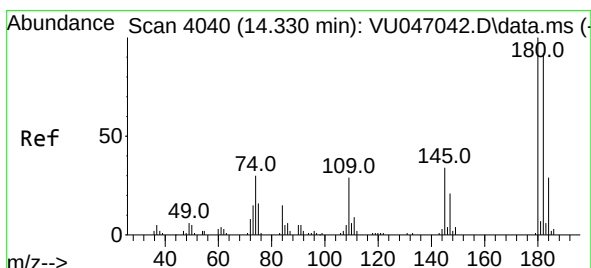
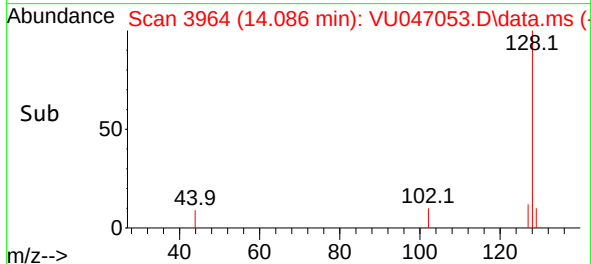
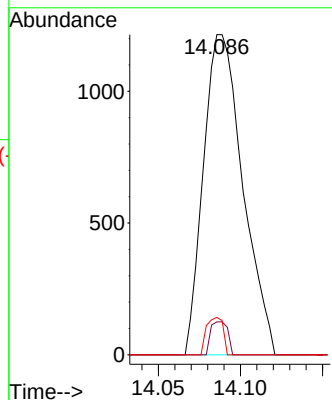


#71
Naphthalene
Concen: 0.134 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU047053.D
Acq: 04 Feb 2022 18:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 2024
Ion Ratio Lower Upper
128 100
129 4.4 8.6 13.0#
127 4.9 10.0 15.0#



#72
1,2,3-Trichlorobenzene
Concen: 0.145 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047053.D
Acq: 04 Feb 2022 18:22

Tgt Ion:180 Resp: 1202
Ion Ratio Lower Upper
180 100
182 83.2 74.0 111.0
145 28.7 27.1 40.7

