

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
 Data File : VU043769.D
 Acq On : 14 May 2021 21:03
 Operator : SY/MD
 Sample : M2418-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:20:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	223802	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	228125	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	107513	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	88770	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.919	69	59874	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.572	65	35161	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.80%
20) 2-Butanone-d5	4.639	46	201131	64.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.20%
24) Chloroform-d	5.073	84	140472	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.710	65	74085	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.735	84	296328	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.700	67	94814	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.906	98	252033	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloroprop...	8.189	79	32069	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.642	63	154276	49.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.94%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	74280	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	96547	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	6852	0.36	ug/L #	57
5) Vinyl chloride	1.607	62	197073	10.38	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	5098	0.34	ug/L #	83
13) Acetone	2.649	43	3618	1.82	ug/L	82
14) Carbon disulfide	2.803	76	5440	0.11	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	10343	0.67	ug/L	87
19) 1,1-Dichloroethane	3.880	63	16083	0.57	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	47015	2.88	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	2140	0.09	ug/L	92
33) Benzene	5.784	78	16740	0.25	ug/L	100
34) Trichloroethene	6.549	95	5406	0.32	ug/L	92
35) Methylcyclohexane	6.700	83	21157	0.80	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	9383	0.54	ug/L #	88
39) cis-1,3-Dichloropropene	7.575	75	2009	0.09	ug/L #	66
42) Toluene	7.976	91	5218	0.08	ug/L	99
47) Tetrachloroethene	8.562	164	6510	0.48	ug/L	98
49) Dibromochloromethane	8.558	129	6350	0.46	ug/L #	11
51) Chlorobenzene	9.452	112	15503	0.36	ug/L	97
61) 1,2,3-Trichloropropane	11.819	75	12463	1.21	ug/L #	70

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043769.D
Acq On : 14 May 2021 21:03
Operator : SY/MD
Sample : M2418-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 15 01:20:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 15 00:49:19 2021
Response via : Initial Calibration

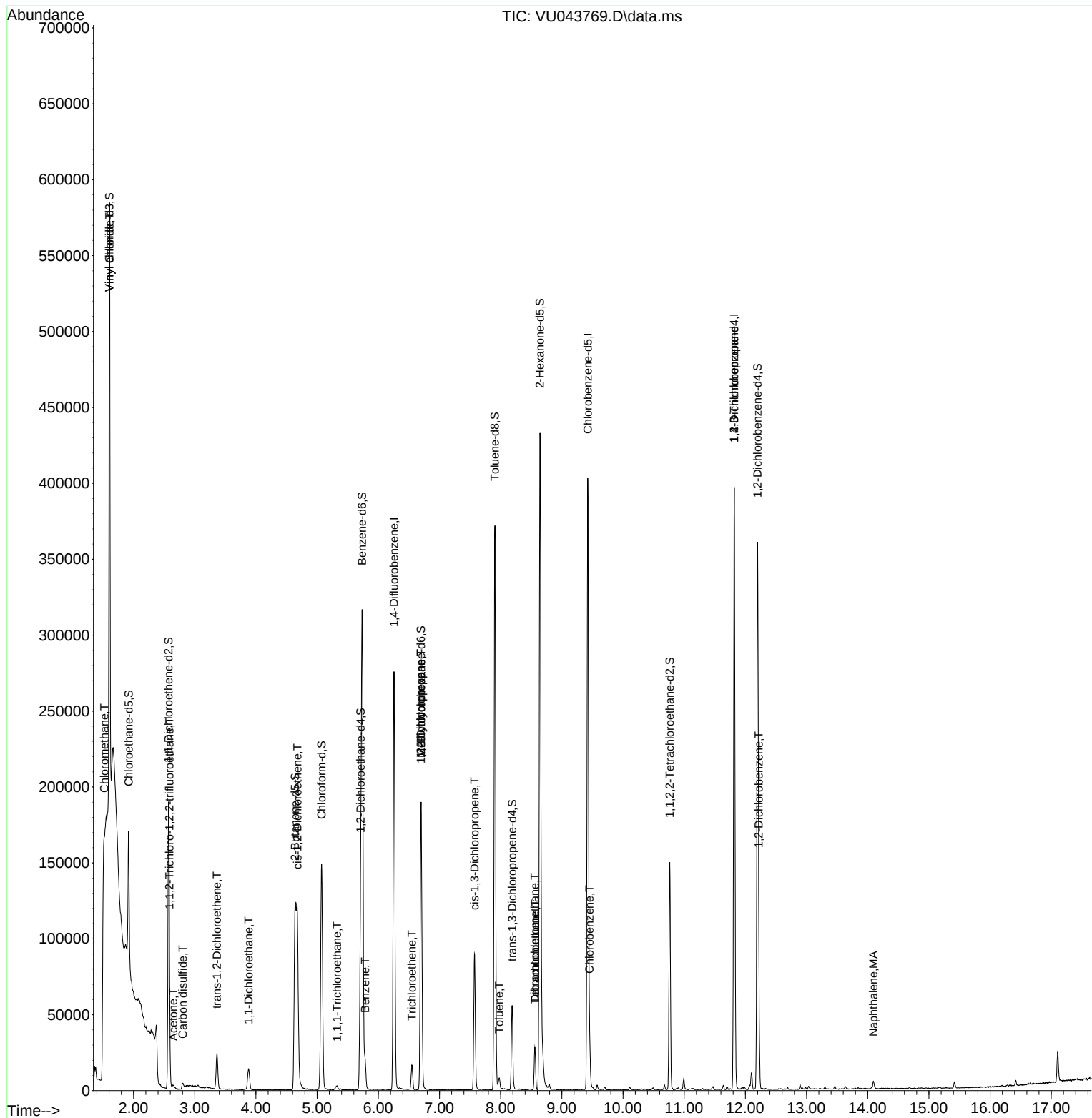
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
67) 1,2-Dichlorobenzene	12.217	146	19300	0.66 ug/L	97
71) Naphthalene	14.092	128	4458	0.13 ug/L	98

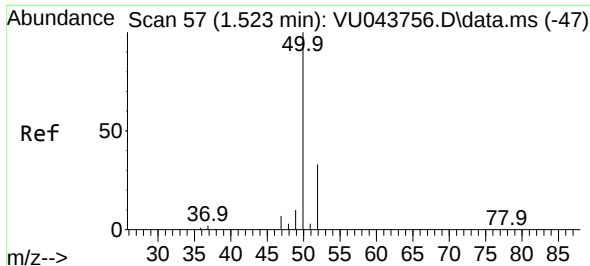
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
Data File : VU043769.D
Acq On : 14 May 2021 21:03
Operator : SY/MD
Sample : M2418-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 15 01:20:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 15 00:49:19 2021
Response via : Initial Calibration

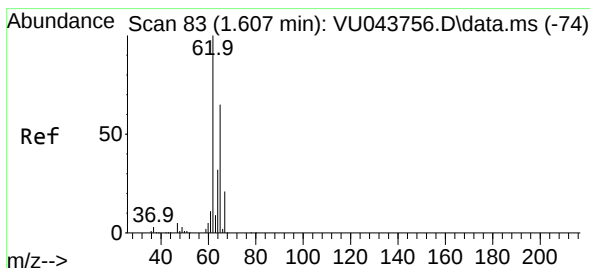
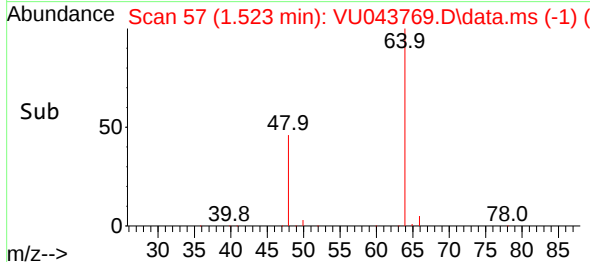
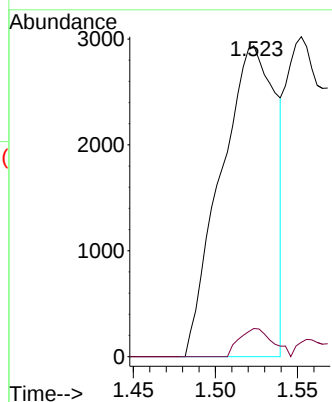
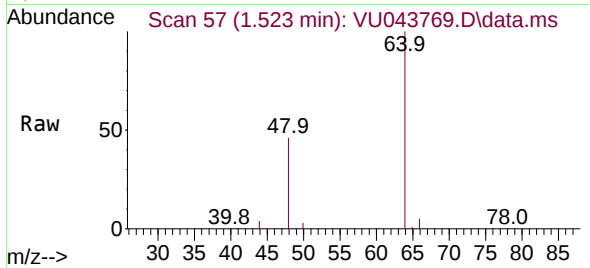




#3
Chloromethane
Concen: 0.36 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

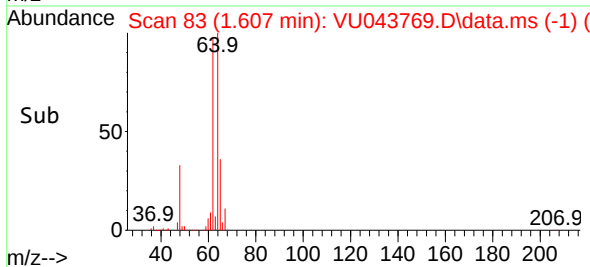
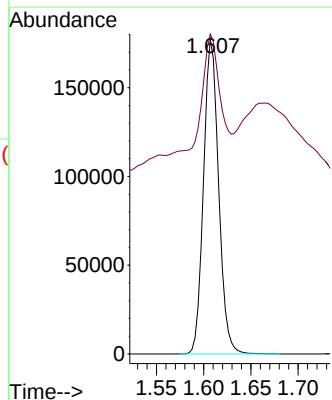
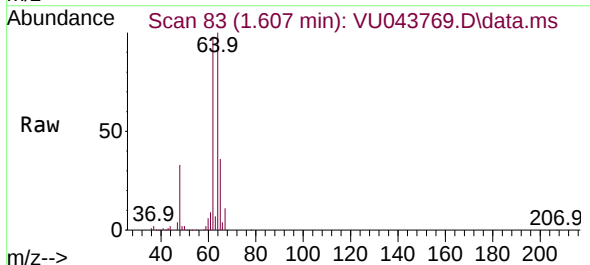
Instrument :
MSVOA_U
ClientSampled :

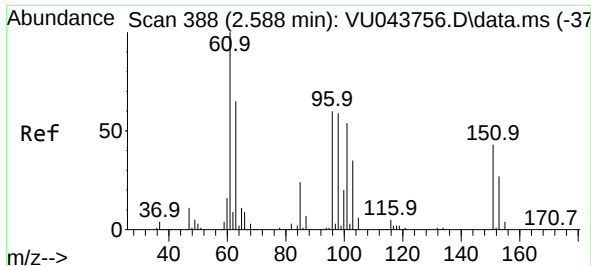
Tgt Ion: 50 Resp: 6852
Ion Ratio Lower Upper
50 100
52 9.1 23.2 43.2#



#5
Vinyl chloride
Concen: 10.38 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

Tgt Ion: 62 Resp: 197073
Ion Ratio Lower Upper
62 100
64 101.7 22.1 41.1#





#10

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

Concen: 0.34 ug/L

RT: 2.588 min Scan# 388

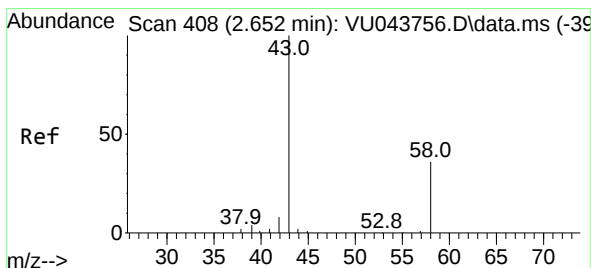
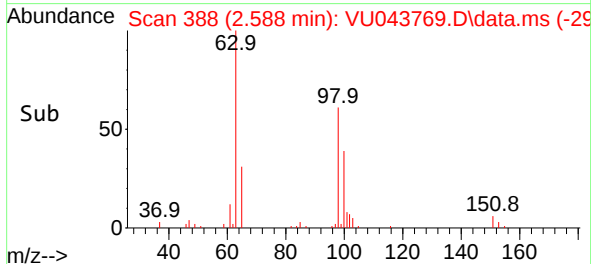
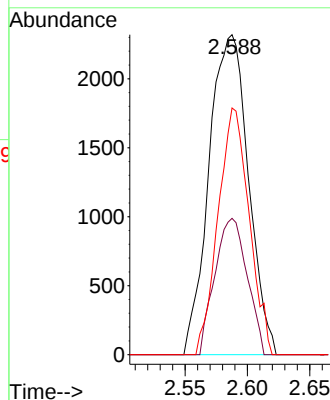
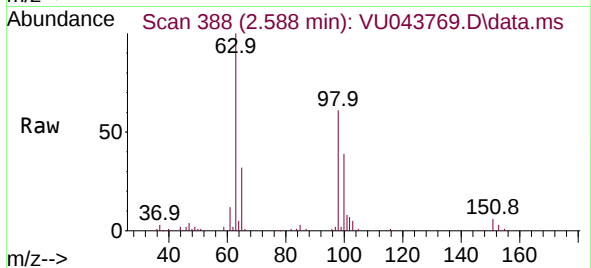
Delta R.T. -0.000 min

Lab File: VU043769.D

Acq: 14 May 2021 21:03

Tgt Ion:	101	Resp:	5098
Ion Ratio	Lower	Upper	
101	100		
85	34.9	34.3	51.5
151	60.9	62.7	94.1#

Instrument :
MSVOA_U
ClientSampleId :



#13

Acetone

Concen: 1.82 ug/L

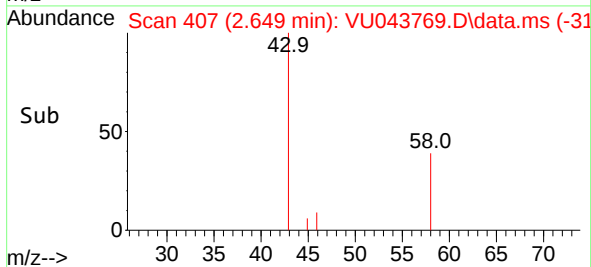
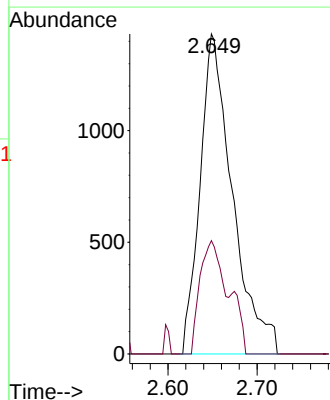
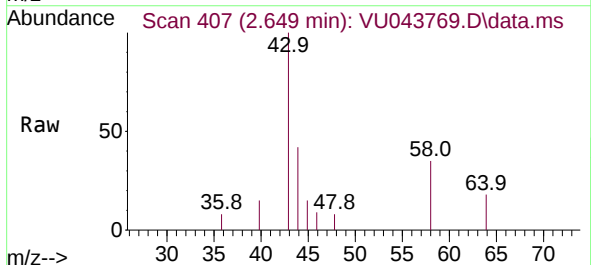
RT: 2.649 min Scan# 407

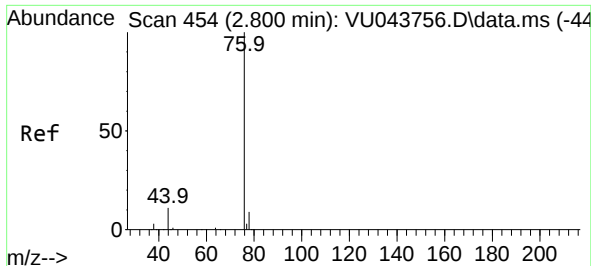
Delta R.T. -0.003 min

Lab File: VU043769.D

Acq: 14 May 2021 21:03

Tgt Ion:	43	Resp:	3618
Ion Ratio	Lower	Upper	
43	100		
58	25.0	0.0	71.6

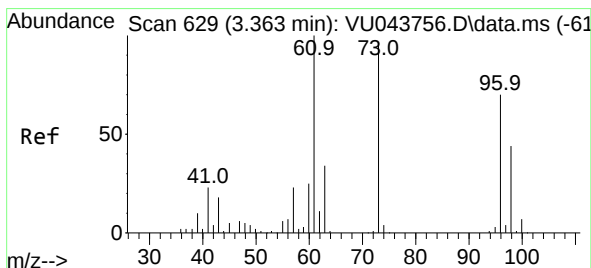
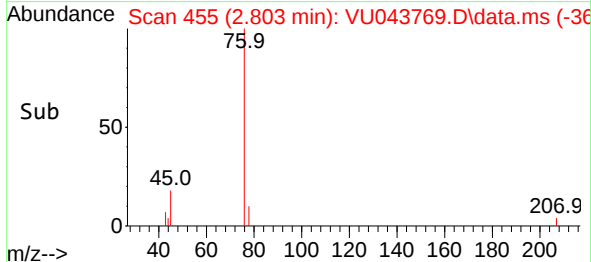
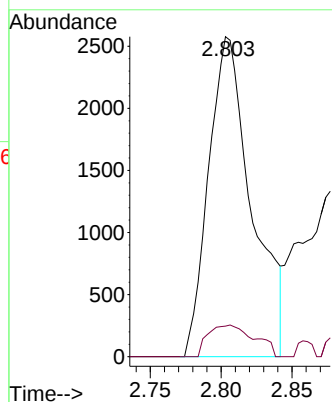
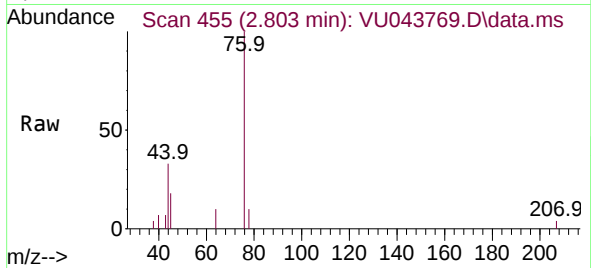




#14
Carbon disulfide
Concen: 0.11 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

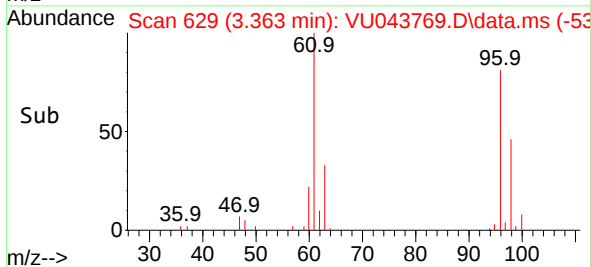
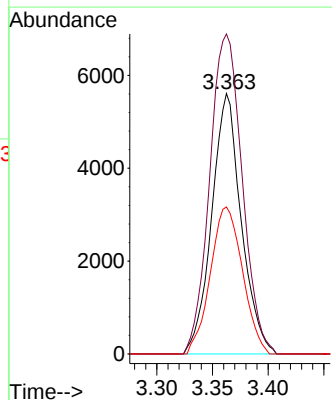
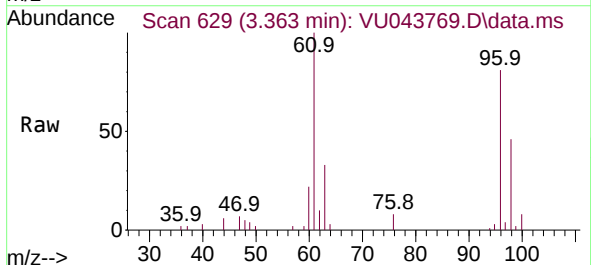
Instrument :
MSVOA_U
ClientSampled :

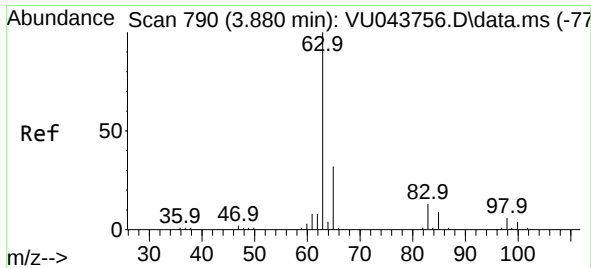
Tgt Ion: 76 Resp: 5440
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
trans-1,2-Dichloroethene
Concen: 0.67 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

Tgt Ion: 96 Resp: 10343
Ion Ratio Lower Upper
96 100
61 122.9 99.6 185.0
98 56.5 43.8 81.4





#19

1,1-Dichloroethane

Concen: 0.57 ug/L

RT: 3.880 min Scan# 790

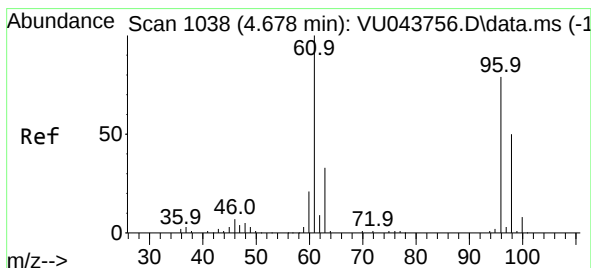
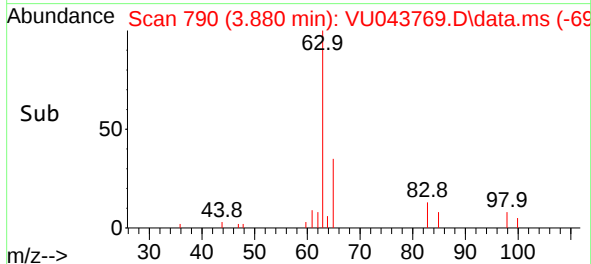
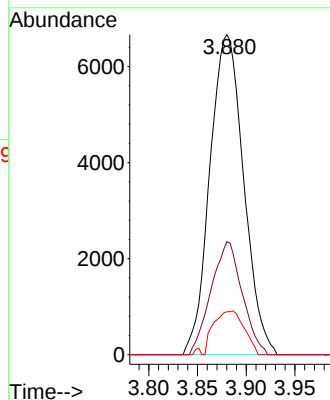
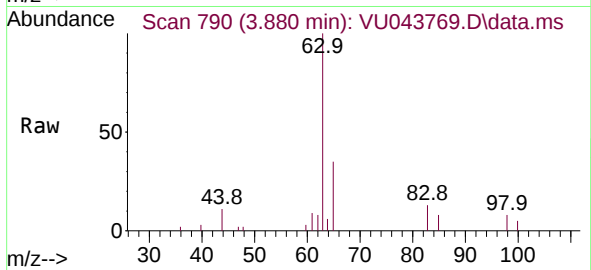
Delta R.T. -0.000 min

Lab File: VU043769.D

Acq: 14 May 2021 21:03

Tgt Ion:	63	Resp:	16083
Ion	Ratio	Lower	Upper
63	100		
65	33.2	22.3	41.3
83	12.6	9.0	16.8

Instrument :
MSVOA_U
ClientSampleId :



#22

cis-1,2-Dichloroethene

Concen: 2.88 ug/L

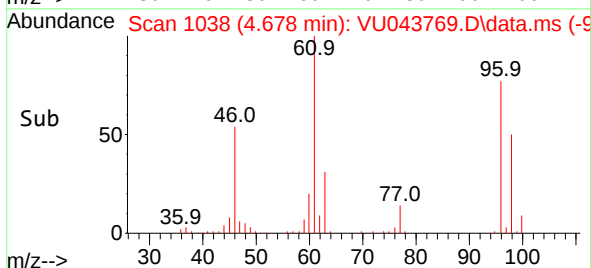
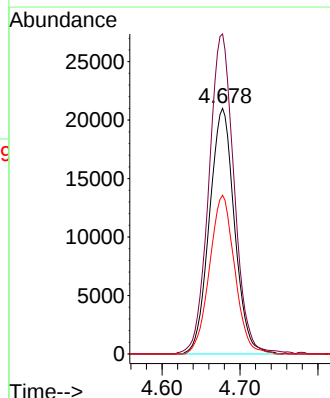
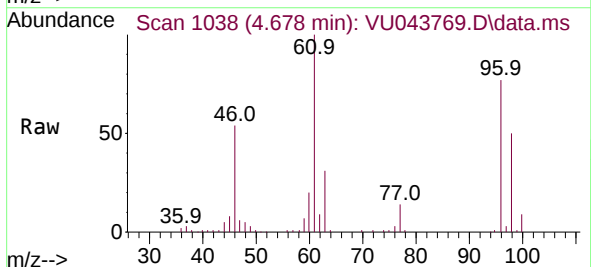
RT: 4.678 min Scan# 1038

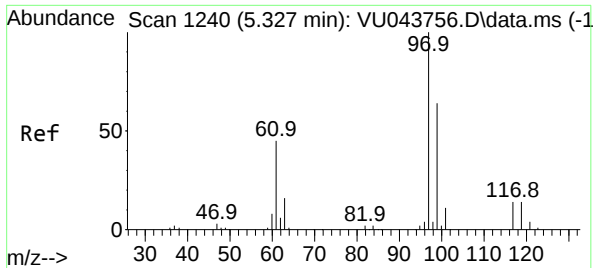
Delta R.T. -0.000 min

Lab File: VU043769.D

Acq: 14 May 2021 21:03

Tgt Ion:	96	Resp:	47015
Ion	Ratio	Lower	Upper
96	100		
61	130.3	89.0	165.4
98	64.6	44.9	83.3

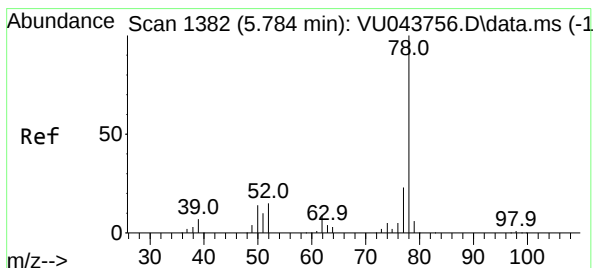
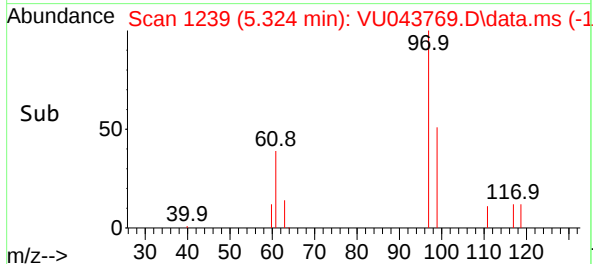
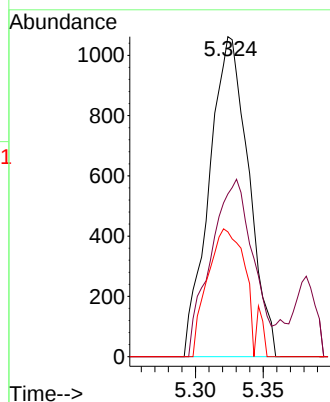
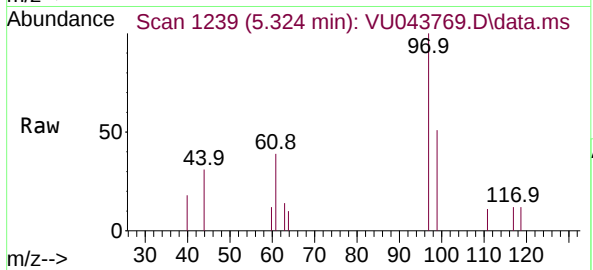




#29
1,1,1-Trichloroethane
Concen: 0.09 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

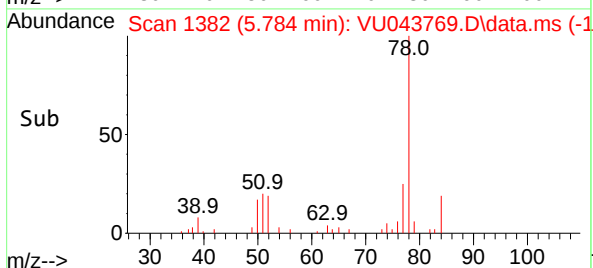
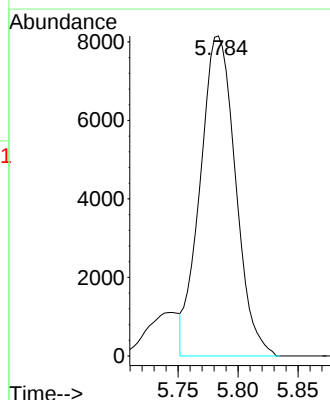
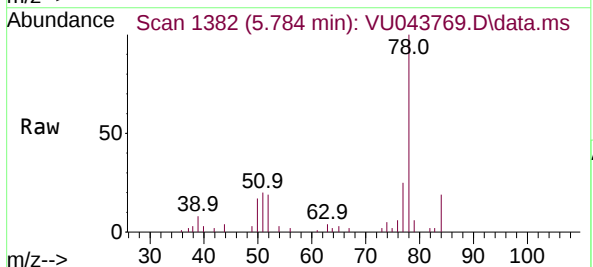
Instrument :
MSVOA_U
ClientSampled :

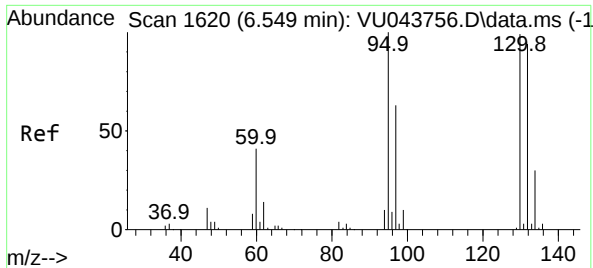
Tgt Ion: 97 Resp: 2140
Ion Ratio Lower Upper
97 100
99 60.3 51.1 76.7
61 37.1 37.0 55.4



#33
Benzene
Concen: 0.25 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

Tgt Ion: 78 Resp: 16740

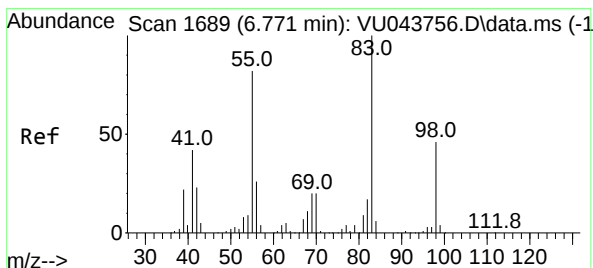
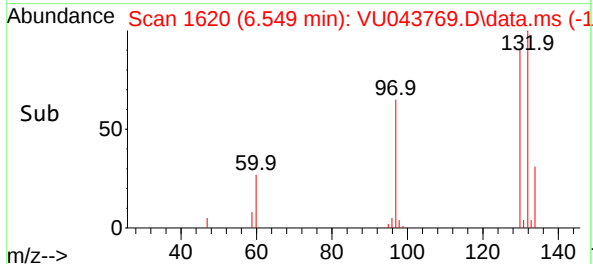
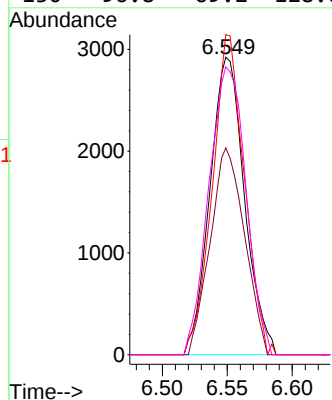
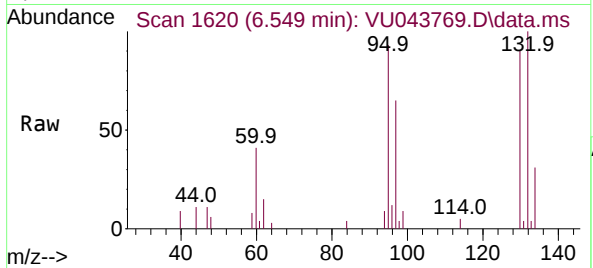




#34
Trichloroethene
Concen: 0.32 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

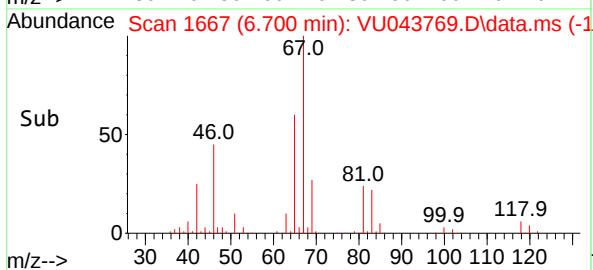
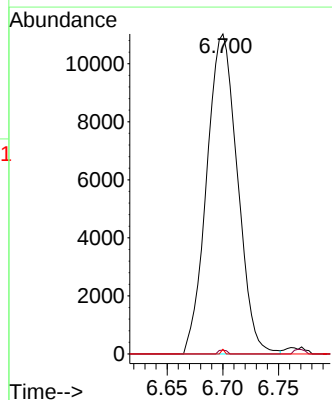
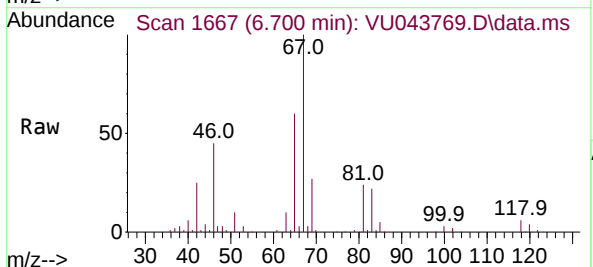
Instrument :
MSVOA_U
ClientSampled :

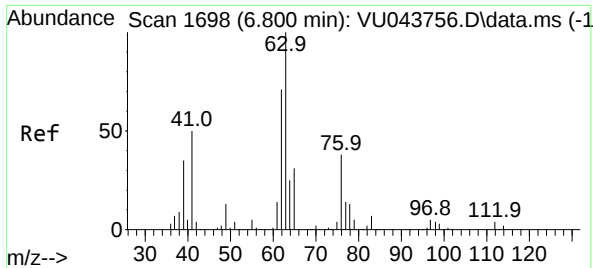
Tgt Ion:	95	Resp:	5406
Ion	Ratio	Lower	Upper
95	100		
97	69.5	44.3	82.3
132	107.6	66.0	122.6
130	96.8	69.2	128.6



#35
Methylcyclohexane
Concen: 0.80 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

Tgt Ion:	83	Resp:	21157
Ion	Ratio	Lower	Upper
83	100		
55	0.3	64.8	97.2#
98	0.1	35.9	53.9#



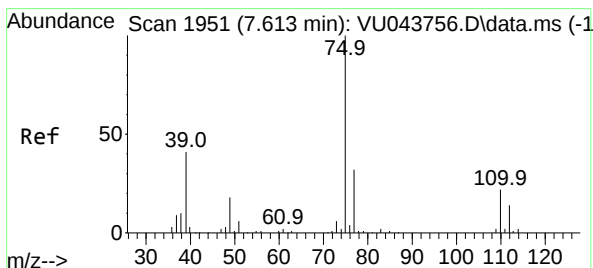
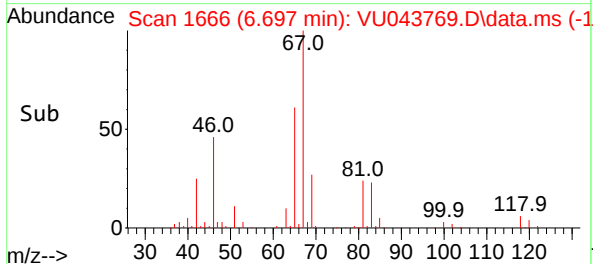
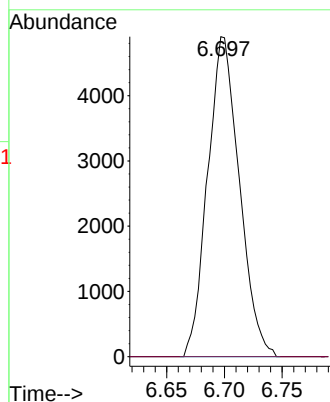
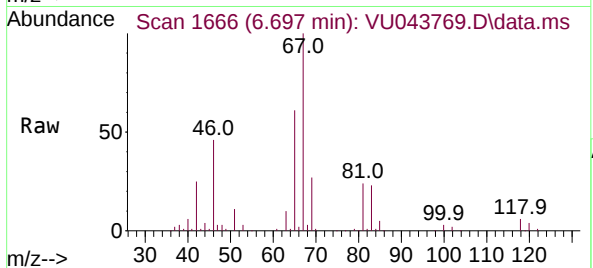


#37

1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

Instrument :
MSVOA_U
ClientSampled :

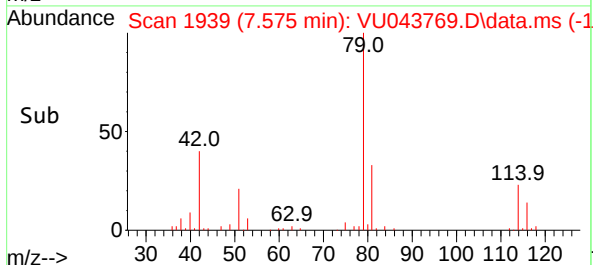
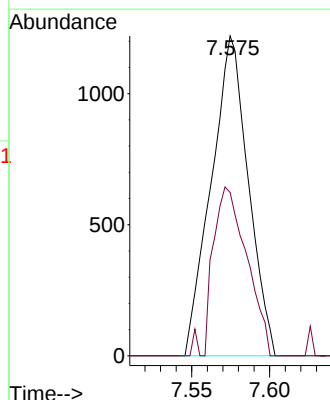
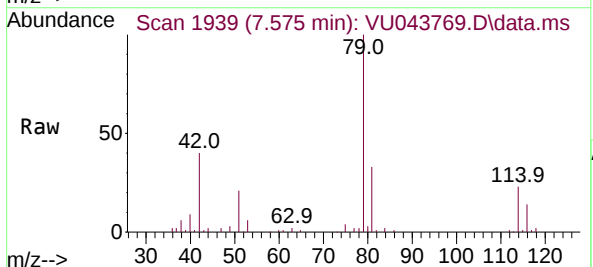
Tgt Ion: 63 Resp: 9383
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

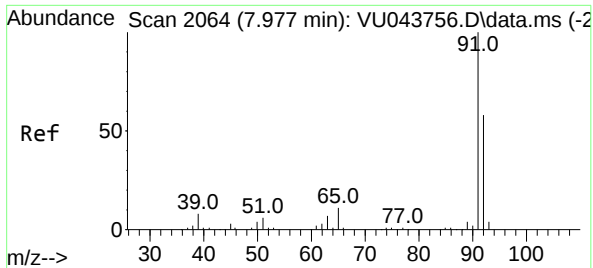


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

Tgt Ion: 75 Resp: 2009
Ion Ratio Lower Upper
75 100
77 51.1 22.5 41.7#

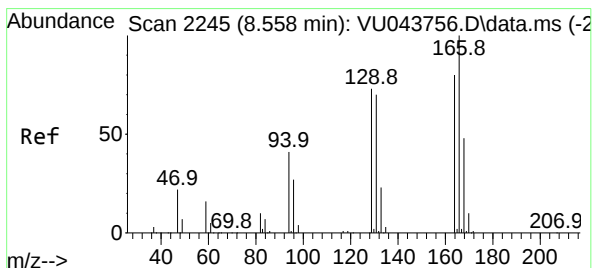
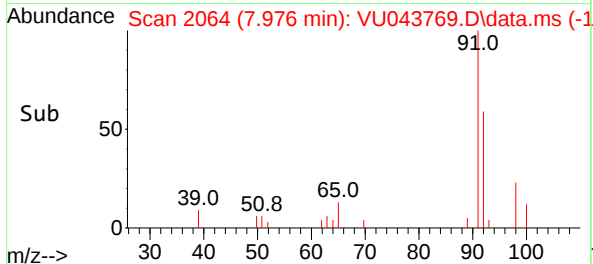
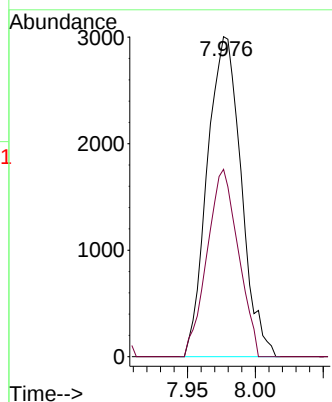
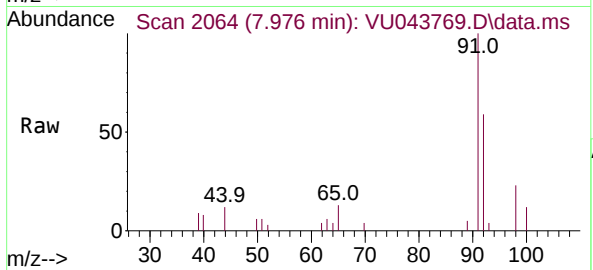




#42
Toluene
Concen: 0.08 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

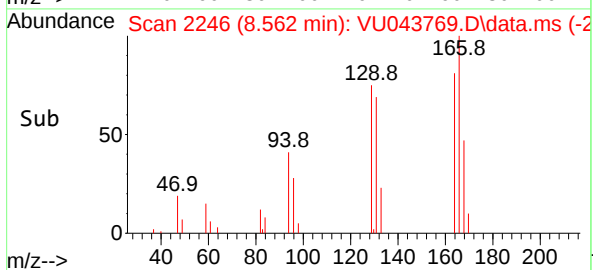
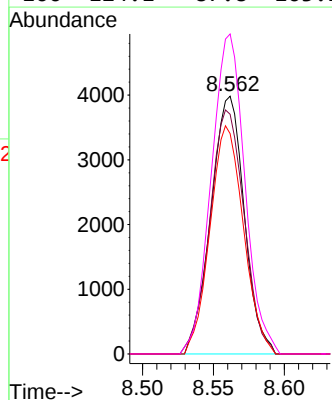
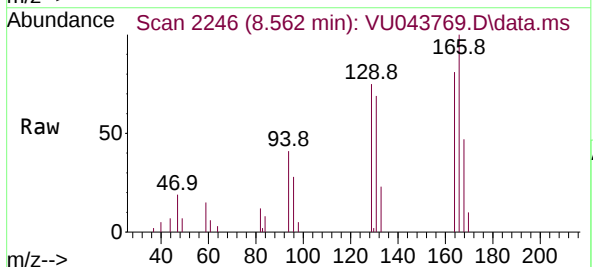
Instrument :
MSVOA_U
ClientSampled :

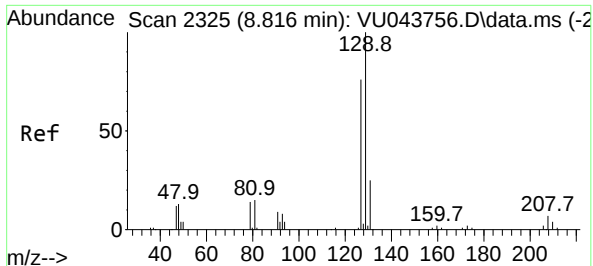
Tgt Ion: 91 Resp: 5218
Ion Ratio Lower Upper
91 100
92 58.5 40.3 74.8



#47
Tetrachloroethene
Concen: 0.48 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

Tgt Ion: 164 Resp: 6510
Ion Ratio Lower Upper
164 100
129 93.0 64.1 119.1
131 85.5 61.2 113.8
166 124.1 87.8 163.2





#49

Dibromochloromethane

Concen: 0.46 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.257 min

Lab File: VU043769.D

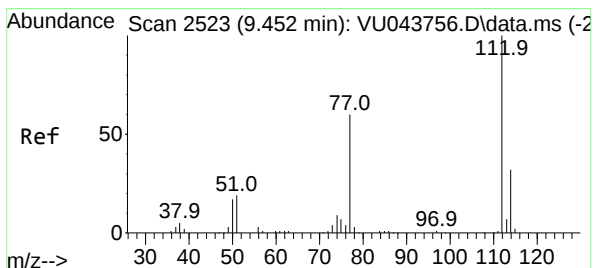
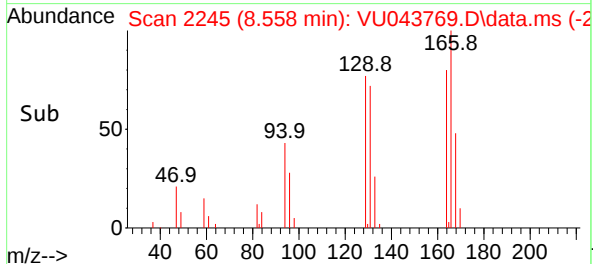
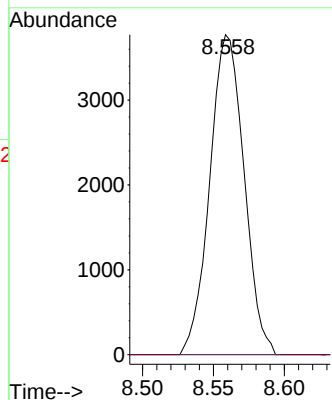
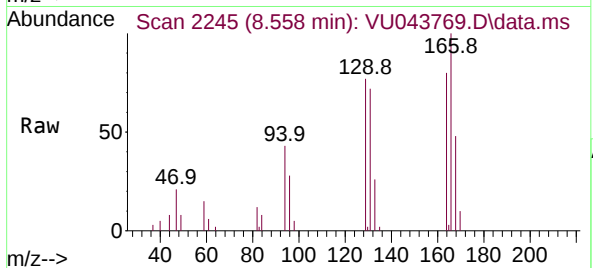
Acq: 14 May 2021 21:03

Tgt Ion:129 Resp: 6350

Ion Ratio Lower Upper

129 100

127 0.0 53.4 99.2#



#51

Chlorobenzene

Concen: 0.36 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. -0.000 min

Lab File: VU043769.D

Acq: 14 May 2021 21:03

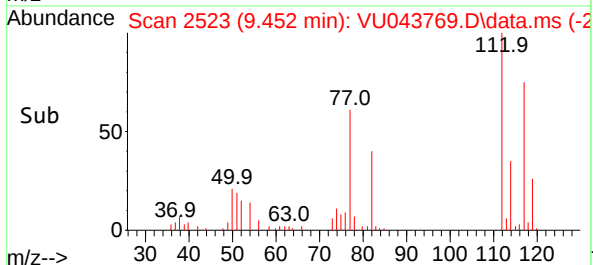
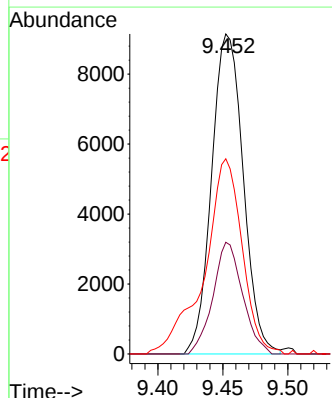
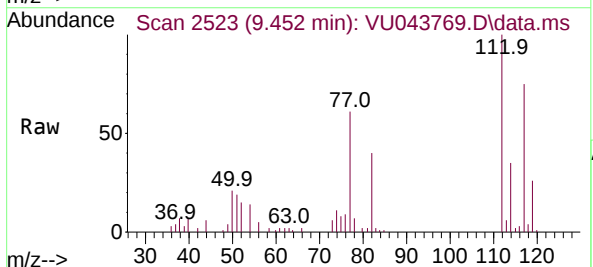
Tgt Ion:112 Resp: 15503

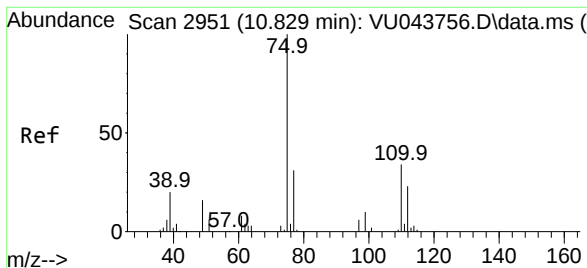
Ion Ratio Lower Upper

112 100

114 34.9 22.3 41.5

77 61.0 47.8 71.8





#61

1,2,3-Trichloropropane

Concen: 1.21 ug/L

RT: 11.819 min Scan# 3259

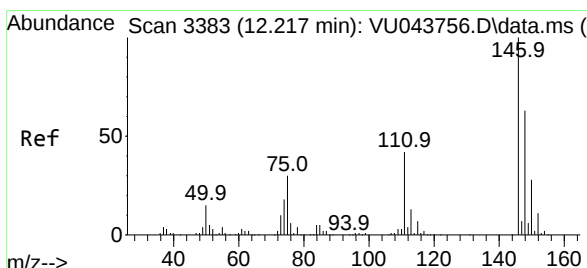
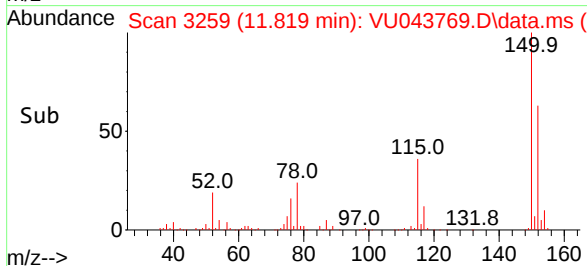
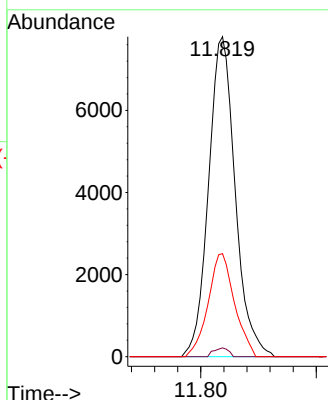
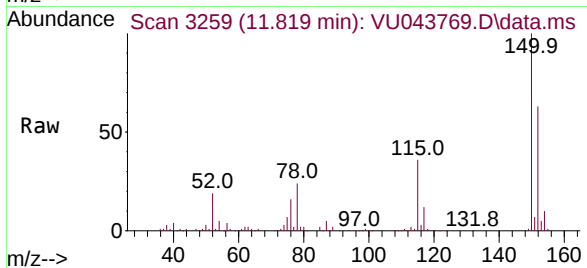
Delta R.T. 0.990 min

Lab File: VU043769.D

Acq: 14 May 2021 21:03

Tgt Ion: 75	Resp: 12463
Ion Ratio	Lower Upper
75 100	
110 1.5	27.9 41.9#
77 31.8	25.9 38.9

Instrument :
MSVOA_U
ClientSampled :



#67

1,2-Dichlorobenzene

Concen: 0.66 ug/L

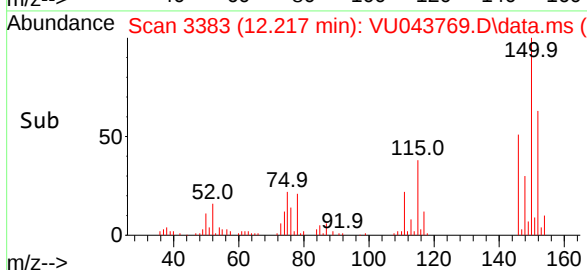
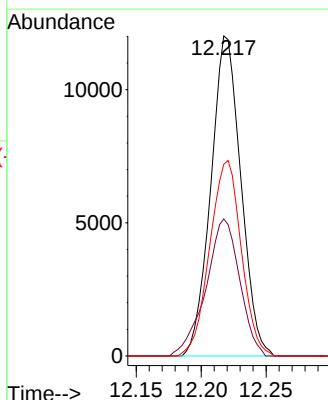
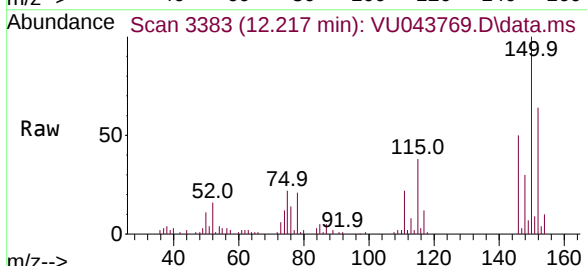
RT: 12.217 min Scan# 3383

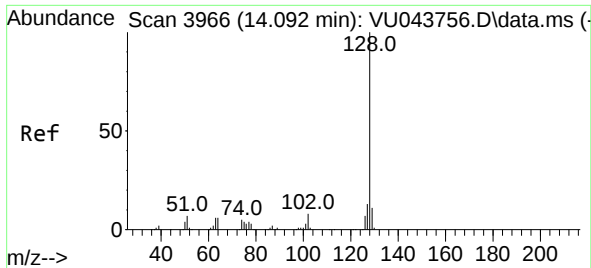
Delta R.T. -0.000 min

Lab File: VU043769.D

Acq: 14 May 2021 21:03

Tgt Ion: 146	Resp: 19300
Ion Ratio	Lower Upper
146 100	
111 42.8	33.6 50.4
148 59.9	50.2 75.2





#71
Naphthalene
Concen: 0.13 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043769.D
Acq: 14 May 2021 21:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 4458
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 14.0 10.2 15.4

