

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU050020.D
 Acq On : 29 Jul 2022 05:54
 Operator : SY/MD
 Sample : N3890-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YBEA6

Quant Time: Jul 29 06:43:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 05:04:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85300	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	86028	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32253	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29064	3.968	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.912	69	23832	4.530	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.565	65	10687	4.234	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.636	46	86892	53.297	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.600%
24) Chloroform-d	5.063	84	56083	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.703	65	30704	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.729	84	109671	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.690	67	39267	4.715	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.899	98	89823	3.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.179	79	11865	4.065	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.636	63	48634	44.510	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34445	4.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	30172	5.044	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	3123	0.400	ug/L	93
9) Trichlorofluoromethane	2.138	101	2958	0.343	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	314	0.062	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	20560	4.367	ug/L	97
19) 1,1-Dichloroethane	3.867	63	2697	0.254	ug/L #	86
22) cis-1,2-Dichloroethene	4.671	96	3863	0.625	ug/L	96
25) Chloroform	5.089	83	7971	0.670	ug/L	98
27) 1,2-Dichloroethane	5.797	62	1487	0.224	ug/L #	73
34) Trichloroethene	6.542	95	516097	84.561	ug/L	97
35) Methylcyclohexane	6.690	83	8606	1.069	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	4014	0.580	ug/L #	88
38) Bromodichloromethane	7.102	83	879	0.105	ug/L #	87
45) 1,1,2-Trichloroethane	8.401	97	593	0.115	ug/L	90
47) Tetrachloroethene	8.552	164	77244	17.585	ug/L	94
48) 2-Hexanone	8.687	43	17409	5.712	ug/L #	87
49) Dibromochloromethane	8.552	129	75805	13.399	ug/L #	10
59) Bromoform	10.292	173	345	0.133	ug/L #	36
61) 1,2,3-Trichloropropane	11.812	75	3867	1.032	ug/L #	68

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
Data File : VU050020.D
Acq On : 29 Jul 2022 05:54
Operator : SY/MD
Sample : N3890-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YBEA6

Quant Time: Jul 29 06:43:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 29 05:04:48 2022
Response via : Initial Calibration

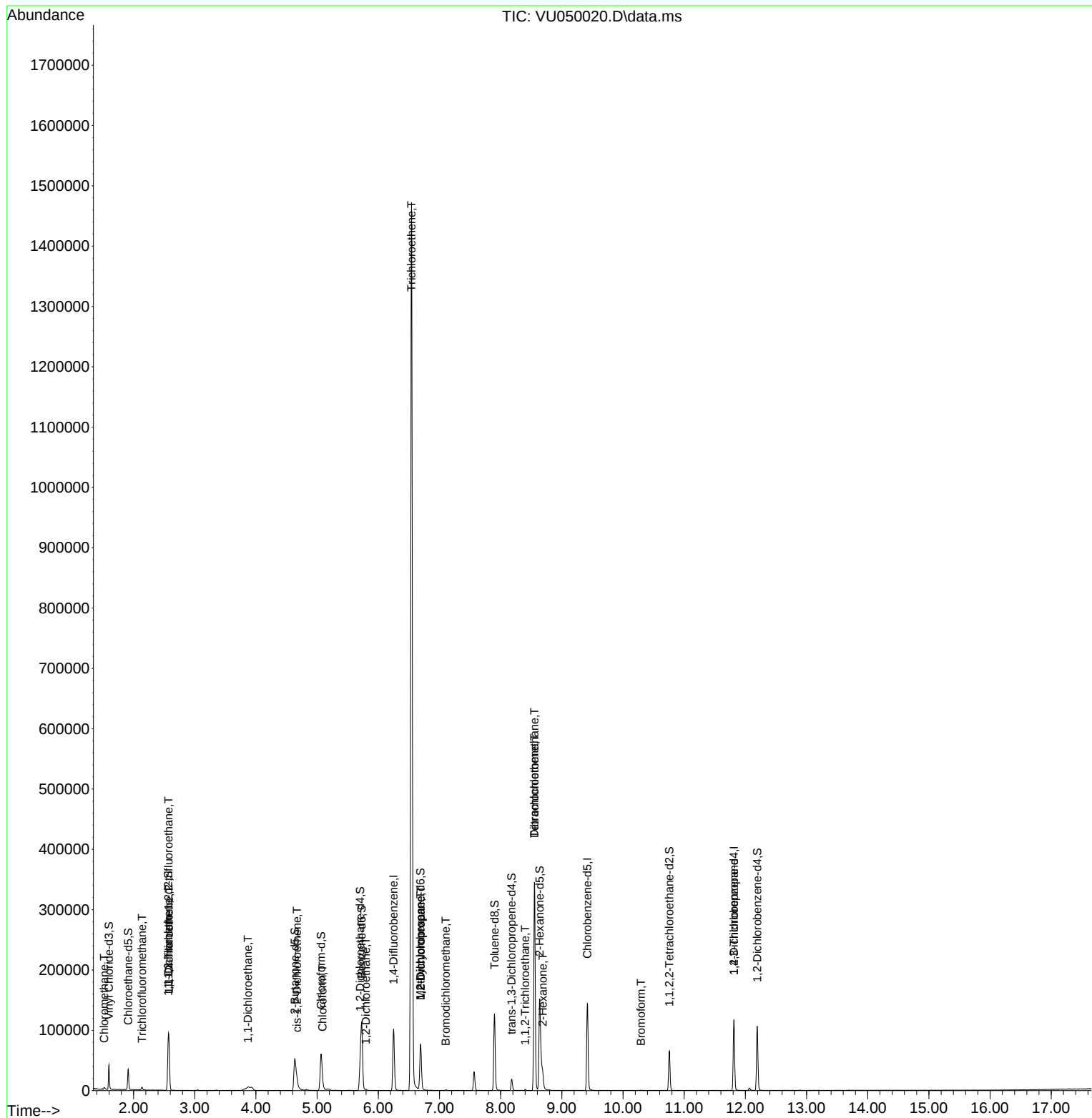
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

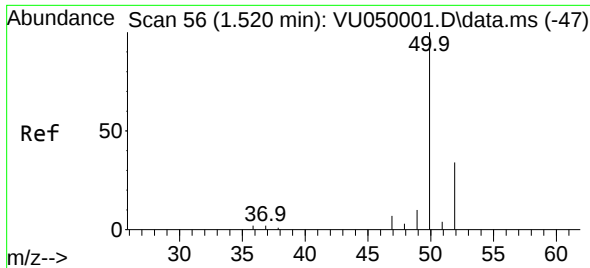
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
Data File : VU050020.D
Acq On : 29 Jul 2022 05:54
Operator : SY/MD
Sample : N3890-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YBEA6

Quant Time: Jul 29 06:43:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 29 05:04:48 2022
Response via : Initial Calibration

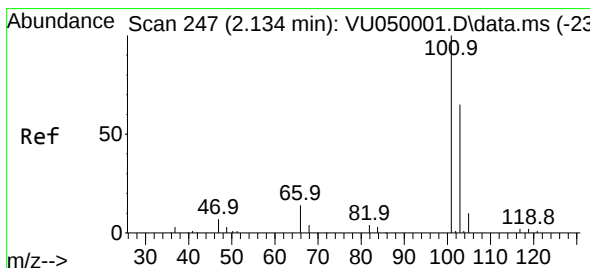
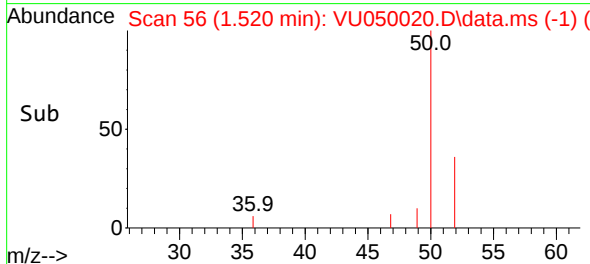
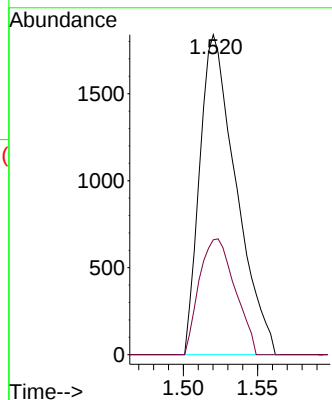
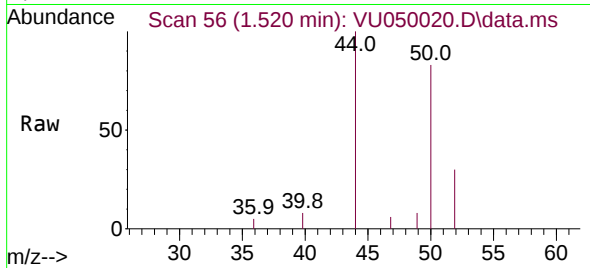




#3
Chloromethane
Concen: 0.400 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050020.D
Acq: 29 Jul 2022 05:54

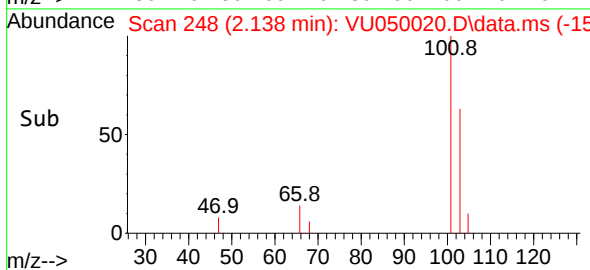
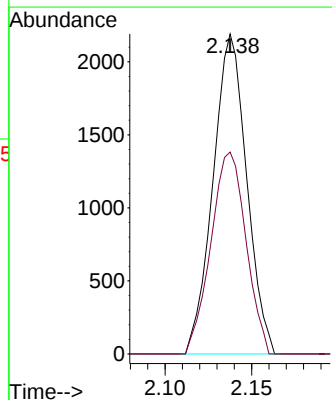
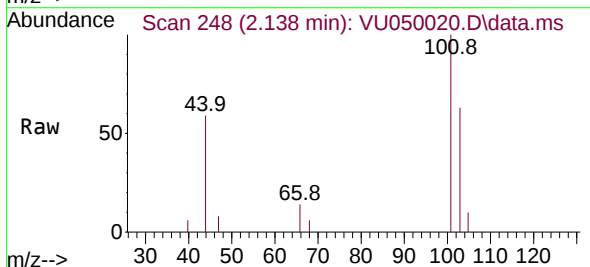
Instrument :
MSVOA_U
ClientSampleId :
YBEA6

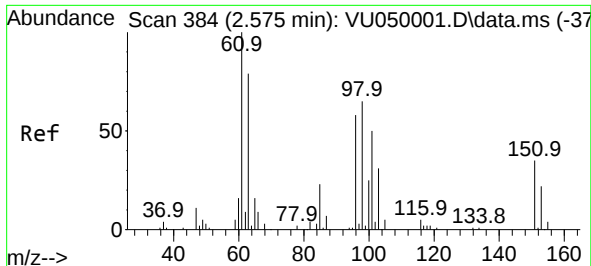
Tgt Ion: 50 Resp: 3123
Ion Ratio Lower Upper
50 100
52 35.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 0.343 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU050020.D
Acq: 29 Jul 2022 05:54

Tgt Ion: 101 Resp: 2958
Ion Ratio Lower Upper
101 100
103 65.8 51.0 76.6





#10

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

Concen: 0.062 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.003 min

Lab File: VU050020.D

Acq: 29 Jul 2022 05:54

Instrument :

MSVOA_U

ClientSampleId :

YBEA6

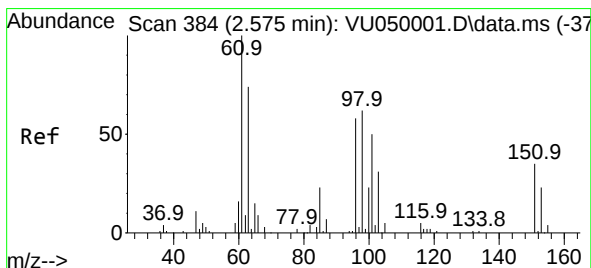
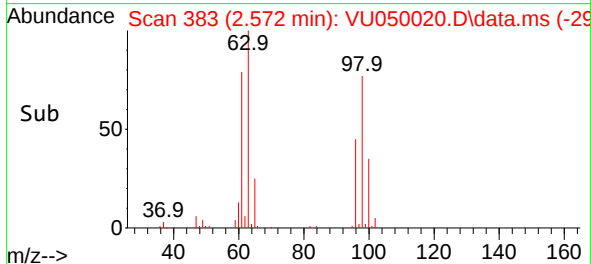
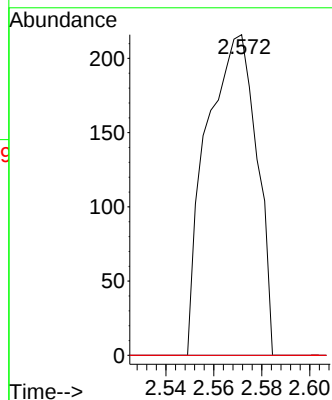
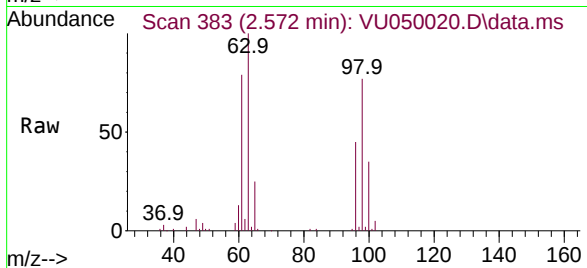
Tgt Ion:101 Resp: 314

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

151 0.0 56.6 85.0#



#12

1,1-Dichloroethene

Concen: 4.367 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU050020.D

Acq: 29 Jul 2022 05:54

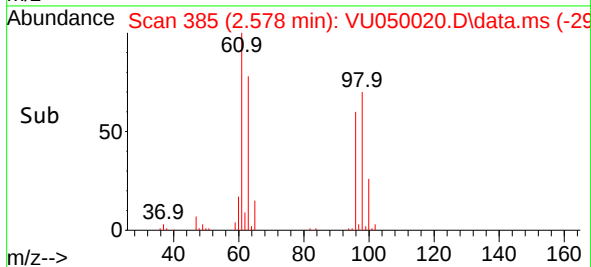
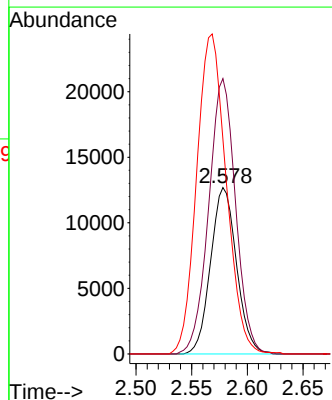
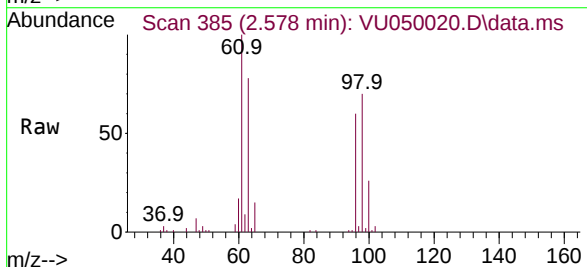
Tgt Ion: 96 Resp: 20560

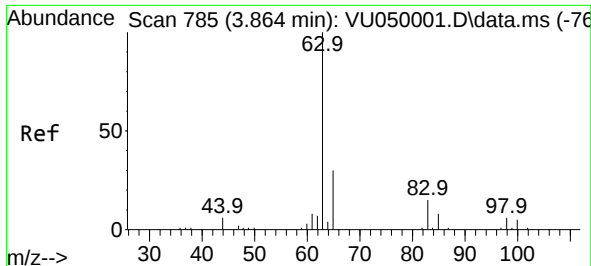
Ion Ratio Lower Upper

96 100

61 165.4 115.7 214.9

63 129.0 84.8 157.4

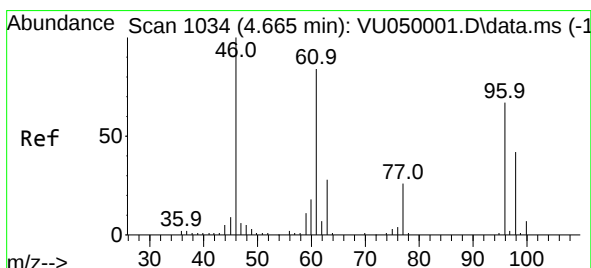
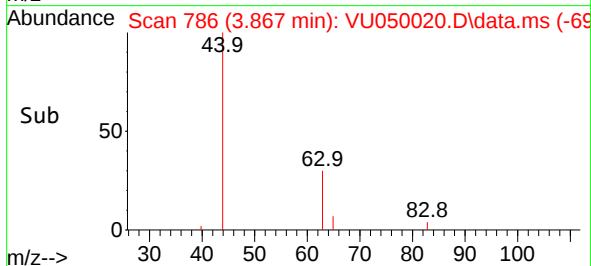
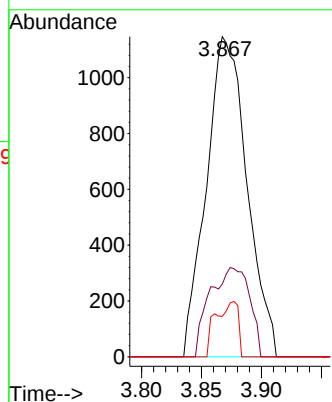
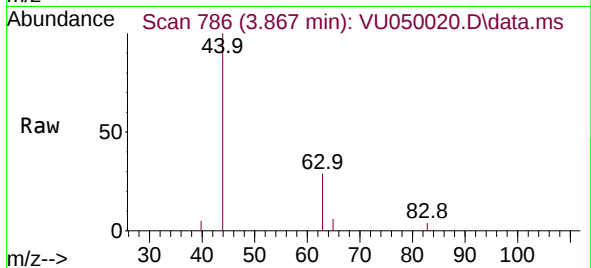




#19
1,1-Dichloroethane
Concen: 0.254 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU050020.D
Acq: 29 Jul 2022 05:54

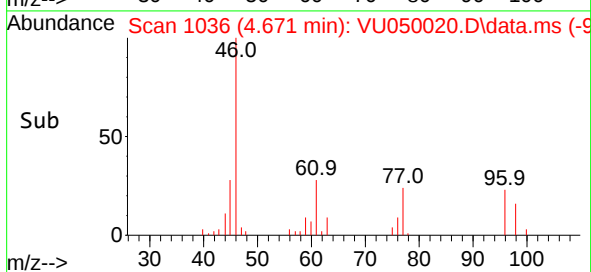
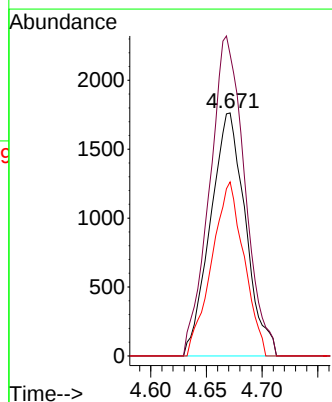
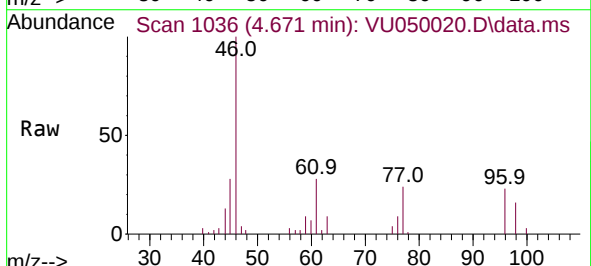
Instrument :
MSVOA_U
ClientSampleId :
YBEA6

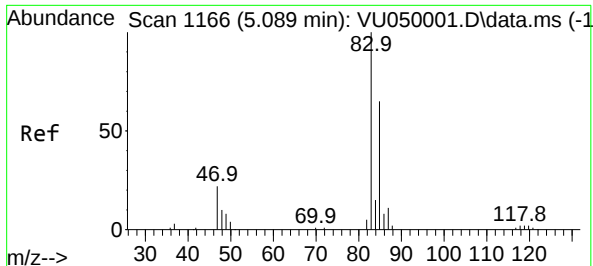
Tgt Ion: 63 Resp: 2697
Ion Ratio Lower Upper
63 100
65 22.7 23.4 43.6#
83 12.6 9.4 17.4



#22
cis-1,2-Dichloroethene
Concen: 0.625 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VU050020.D
Acq: 29 Jul 2022 05:54

Tgt Ion: 96 Resp: 3863
Ion Ratio Lower Upper
96 100
61 124.0 87.2 161.9
98 71.6 44.7 83.1





#25

Chloroform

Concen: 0.670 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU050020.D

Acq: 29 Jul 2022 05:54

Instrument :

MSVOA_U

ClientSampleId :

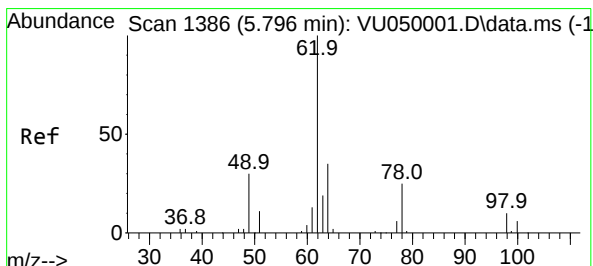
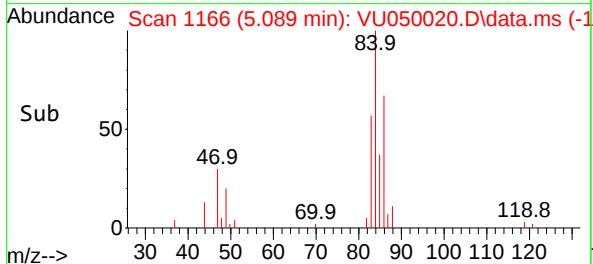
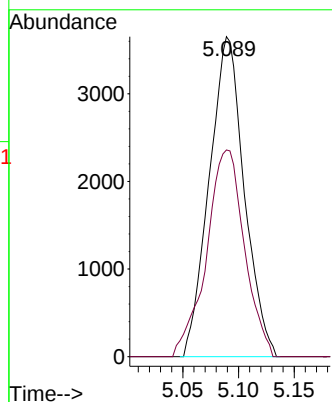
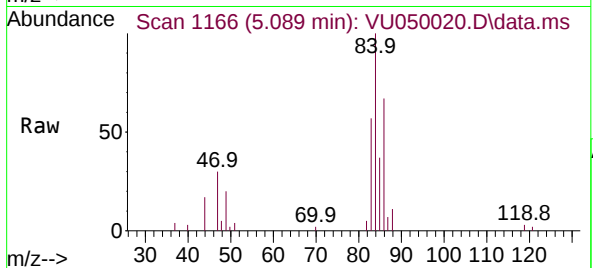
YBEA6

Tgt Ion: 83 Resp: 7971

Ion Ratio Lower Upper

83 100

85 64.6 44.4 82.4



#27

1,2-Dichloroethane

Concen: 0.224 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU050020.D

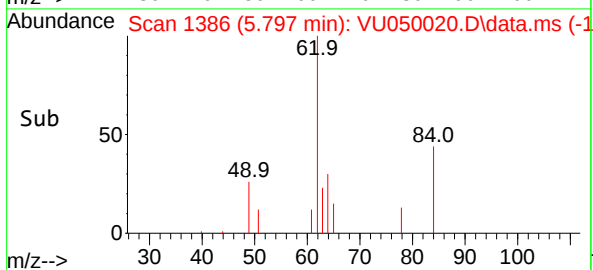
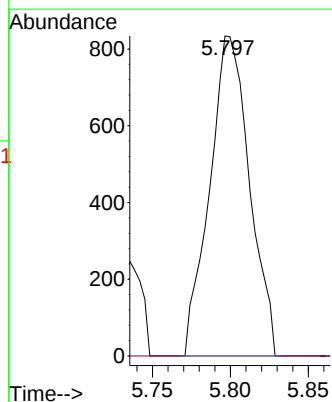
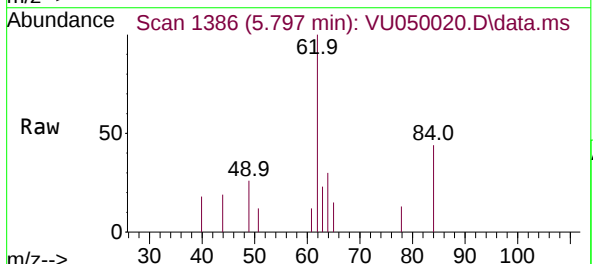
Acq: 29 Jul 2022 05:54

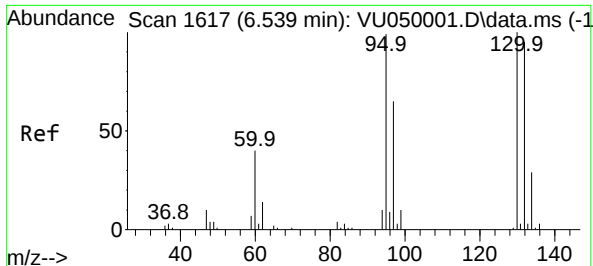
Tgt Ion: 62 Resp: 1487

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#





#34

Trichloroethene

Concen: 84.561 ug/L

RT: 6.542 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050020.D

Acq: 29 Jul 2022 05:54

Instrument :

MSVOA_U

ClientSampleId :

YBEA6

Tgt Ion: 95 Resp: 516097

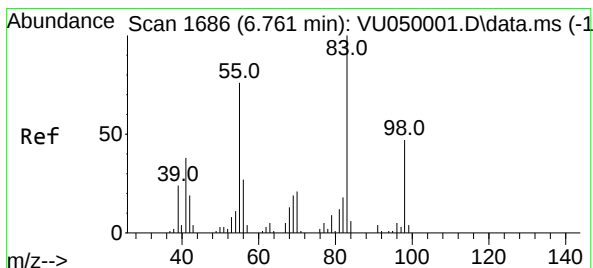
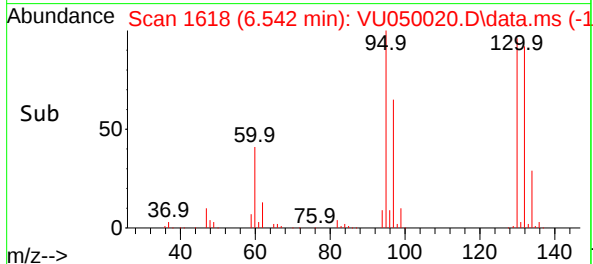
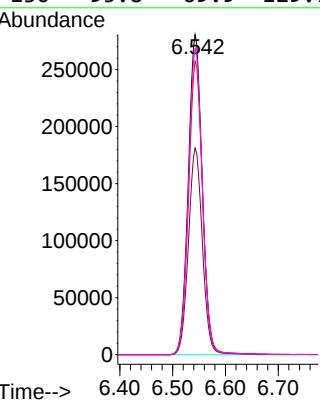
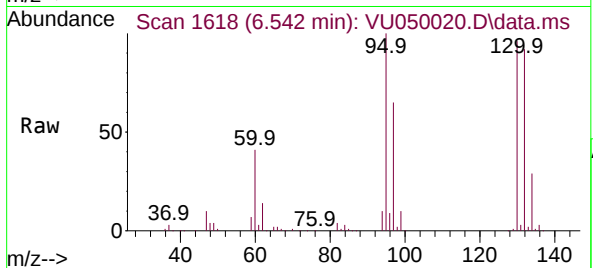
Ion Ratio Lower Upper

95 100

97 64.6 45.6 84.8

132 91.7 66.8 124.2

130 95.8 69.9 129.7



#35

Methylcyclohexane

Concen: 1.069 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU050020.D

Acq: 29 Jul 2022 05:54

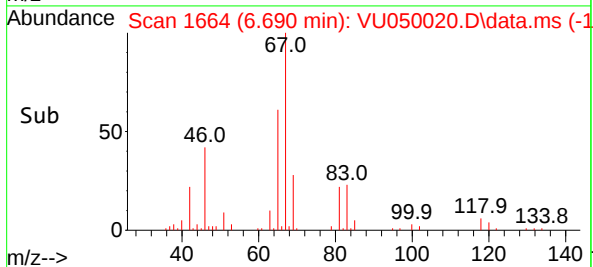
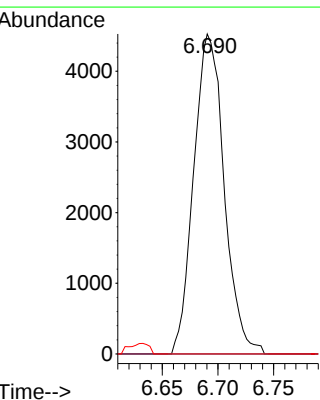
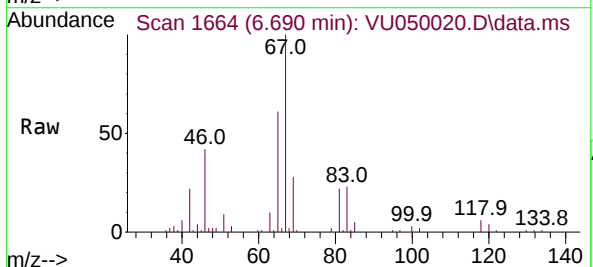
Tgt Ion: 83 Resp: 8606

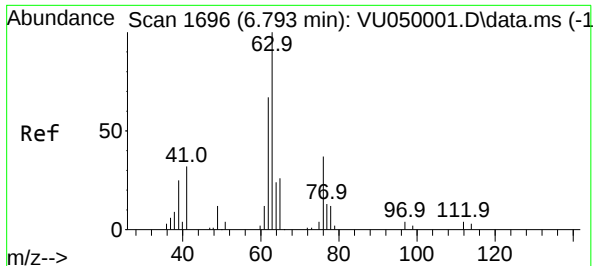
Ion Ratio Lower Upper

83 100

55 0.0 61.6 92.4#

98 0.0 34.8 52.2#





#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU050020.D

Acq: 29 Jul 2022 05:54

Instrument :

MSVOA_U

ClientSampleId :

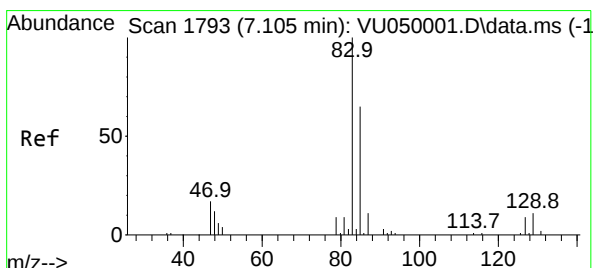
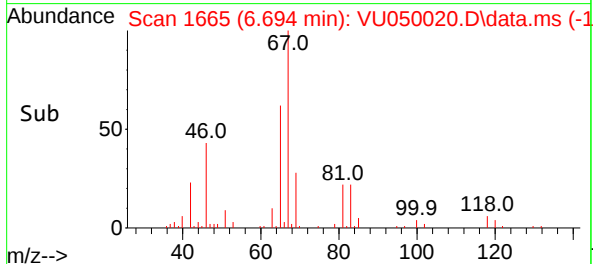
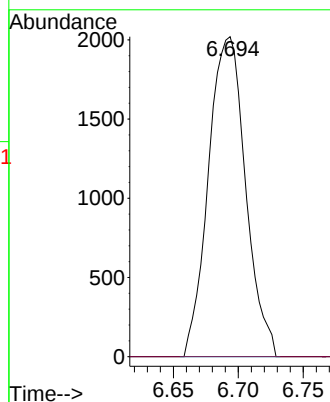
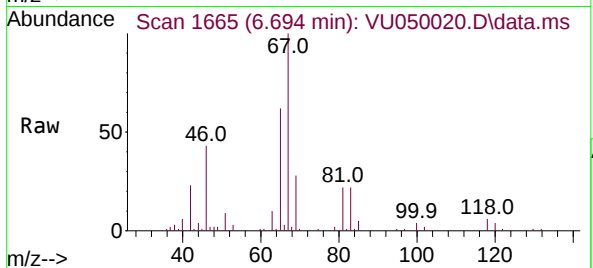
YBEA6

Tgt Ion: 63 Resp: 4014

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#38

Bromodichloromethane

Concen: 0.105 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU050020.D

Acq: 29 Jul 2022 05:54

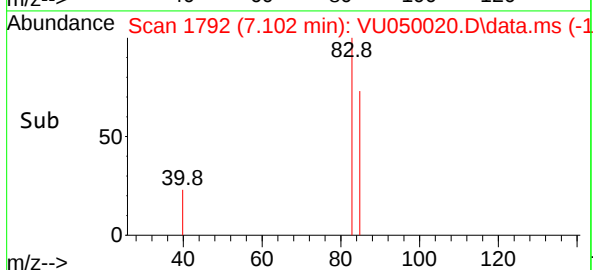
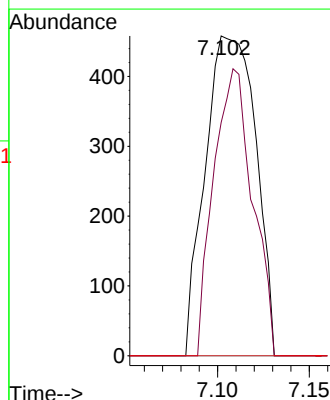
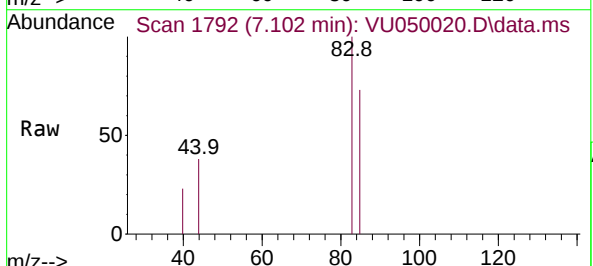
Tgt Ion: 83 Resp: 879

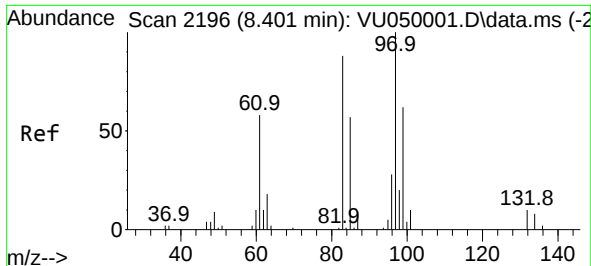
Ion Ratio Lower Upper

83 100

85 72.9 44.9 83.5

127 0.0 7.2 10.8#

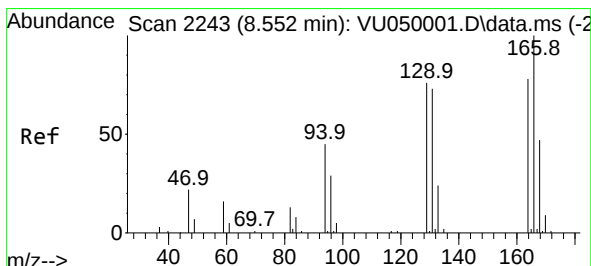
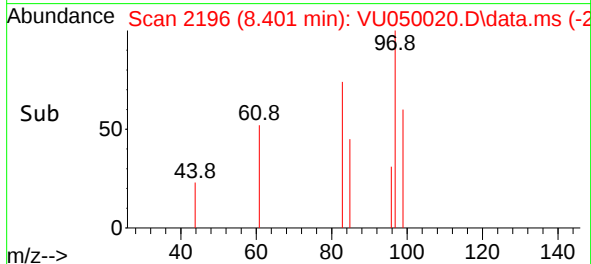
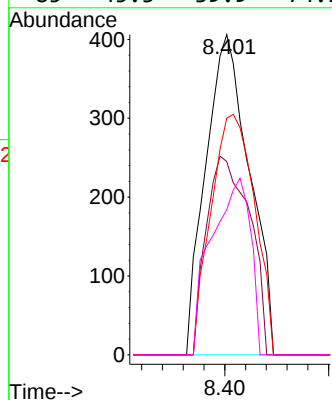
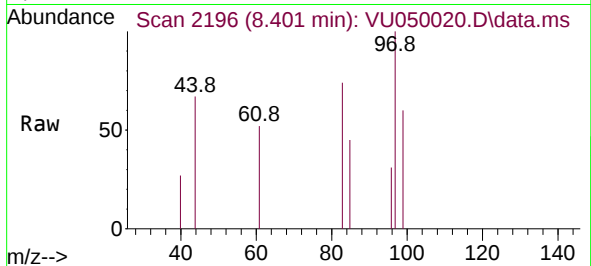




#45
1,1,2-Trichloroethane
Concen: 0.115 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU050020.D
Acq: 29 Jul 2022 05:54

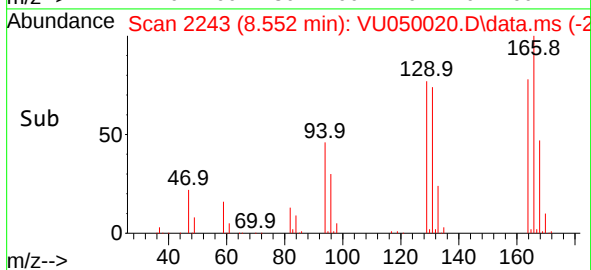
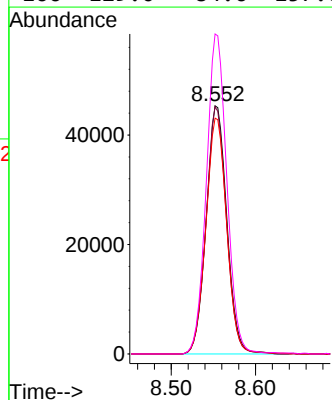
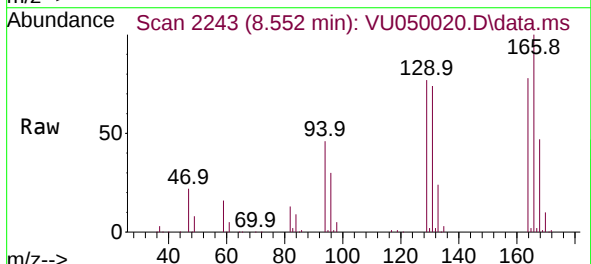
Instrument :
MSVOA_U
ClientSampleId :
YBEA6

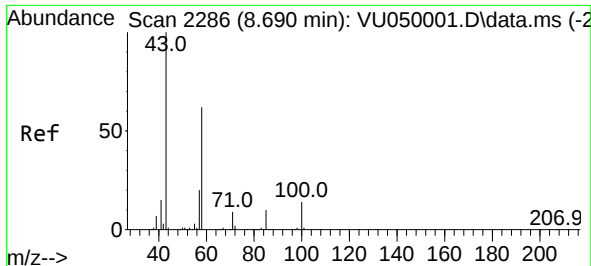
Tgt Ion: 97	Resp: 593
Ion Ratio	Lower Upper
97 100	
99 60.3	43.5 80.9
83 73.9	59.9 111.3
85 45.3	39.9 74.1



#47
Tetrachloroethene
Concen: 17.585 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050020.D
Acq: 29 Jul 2022 05:54

Tgt	Ion:164	Resp:	77244
Ion	Ratio	Lower	Upper
164	100		
129	99.7	66.3	123.1
131	95.1	63.1	117.1
166	129.0	84.6	157.0

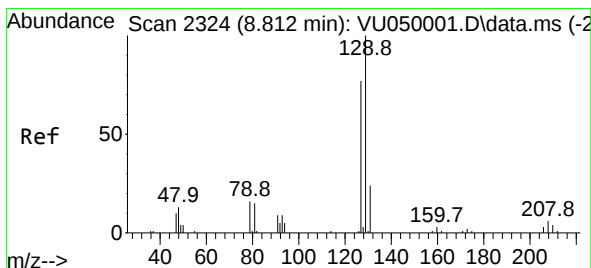
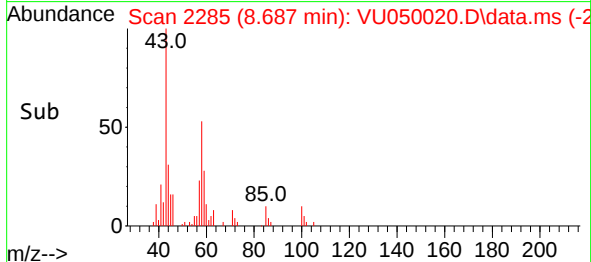
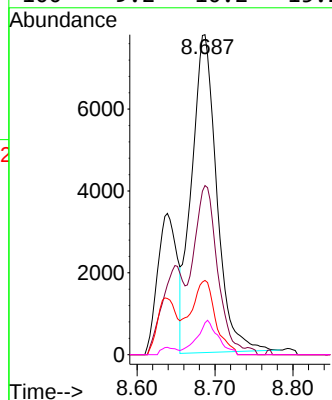
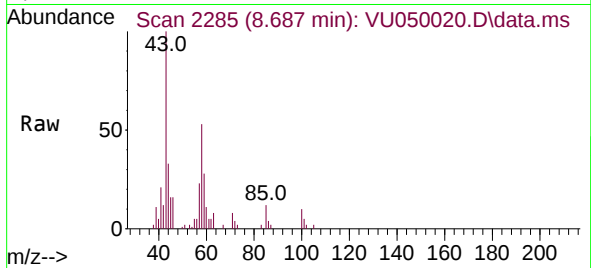




#48
2-Hexanone
Concen: 5.712 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050020.D
Acq: 29 Jul 2022 05:54

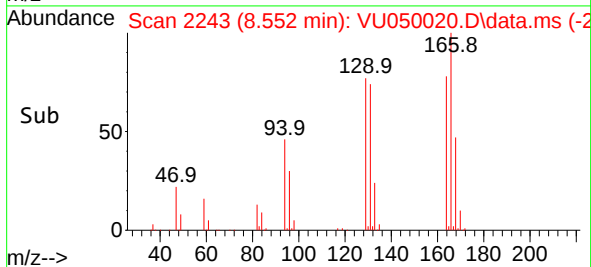
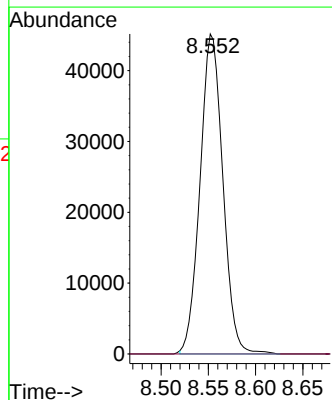
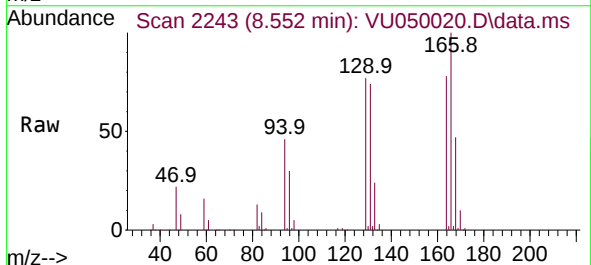
Instrument :
MSVOA_U
ClientSampleId :
YBEA6

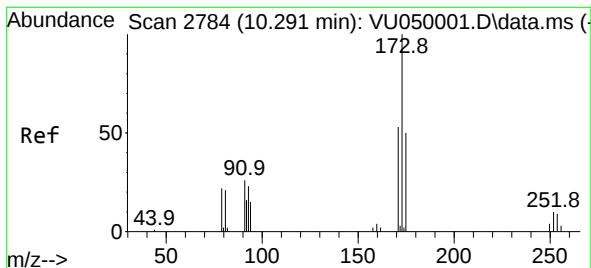
Tgt Ion: 43 Resp: 17409
Ion Ratio Lower Upper
43 100
58 47.9 49.4 74.0#
57 22.3 17.0 25.4
100 9.2 10.2 15.2#



#49
Dibromochloromethane
Concen: 13.399 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU050020.D
Acq: 29 Jul 2022 05:54

Tgt Ion: 129 Resp: 75805
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#





#59

Bromoform

Concen: 0.133 ug/L

RT: 10.292 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050020.D

Acq: 29 Jul 2022 05:54

Instrument :

MSVOA_U

ClientSampleId :

YBEA6

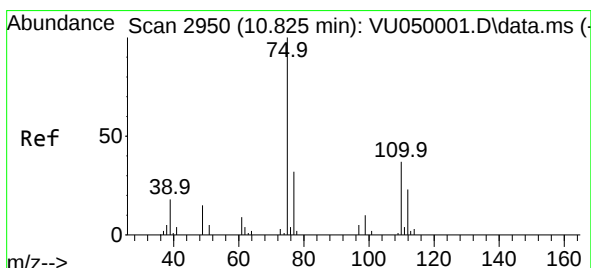
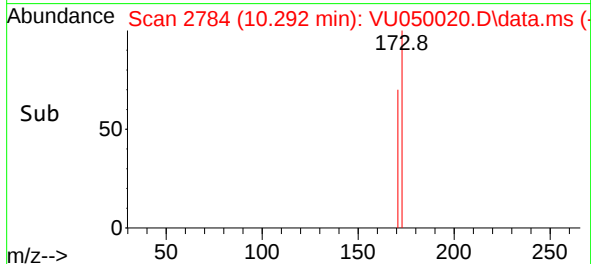
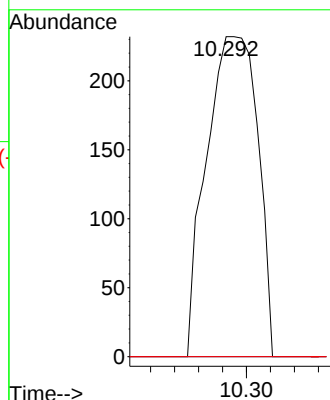
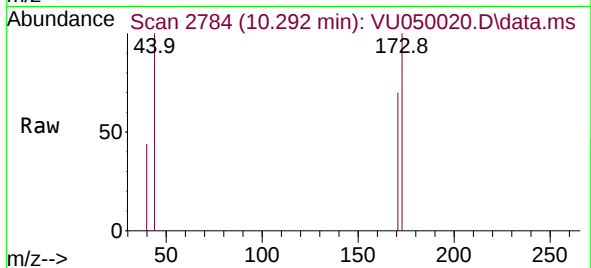
Tgt Ion:173 Resp: 345

Ion Ratio Lower Upper

173 100

175 0.0 39.1 58.7#

254 0.0 7.5 11.3#



#61

1,2,3-Trichloropropane

Concen: 1.032 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU050020.D

Acq: 29 Jul 2022 05:54

Tgt Ion: 75 Resp: 3867

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 30.7 24.7 37.1

