

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043873.D
 Acq On : 20 May 2021 18:28
 Operator : SY/MD
 Sample : M2475-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB406

Quant Time: May 21 01:20:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 01:15:23 2021
 Response via : Initial Calibration

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

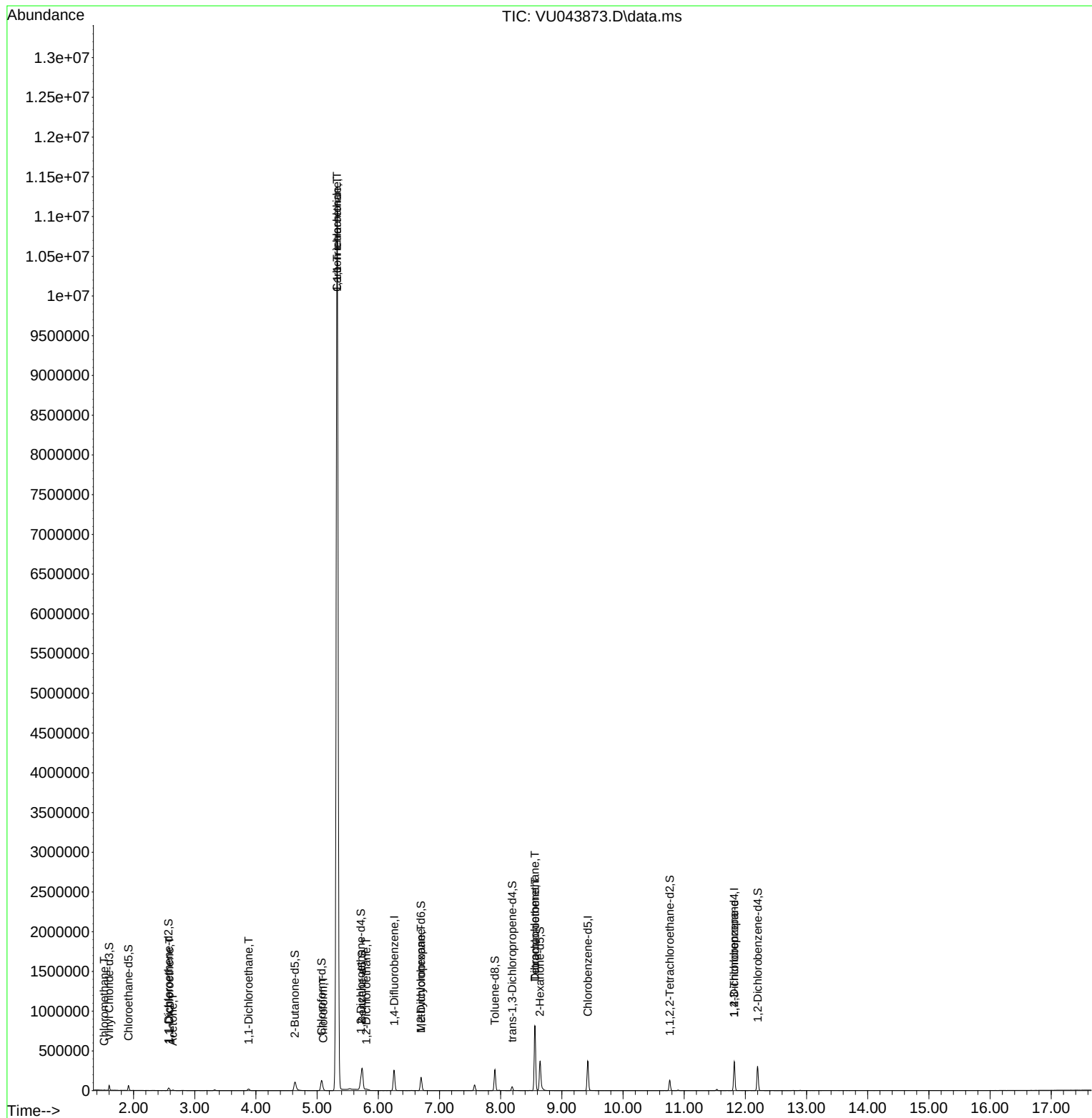
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	215150	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	217619	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	103909	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	43937	2.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.40%
7) Chloroethane-d5	1.916	69	45049	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.572	65	5378	0.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	16.40%#
20) 2-Butanone-d5	4.636	46	164965	54.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.38%
24) Chloroform-d	5.073	84	118644	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.713	65	63520	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.735	84	260590	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.700	67	82281	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.906	98	178345	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloroprop...	8.189	79	27997	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.642	63	132644	45.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.08%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	67421	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	87917	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	2905	0.16	ug/L	97
12) 1,1-Dichloroethene	2.588	96	3661	0.26	ug/L #	65
13) Acetone	2.642	43	8770	4.58	ug/L	99
19) 1,1-Dichloroethane	3.880	63	24103	0.89	ug/L	98
25) Chloroform	5.099	83	13910	0.52	ug/L	99
27) 1,2-Dichloroethane	5.803	62	6474	0.39	ug/L #	84
29) 1,1,1-Trichloroethane	5.327	97	8212495	361.92	ug/L	97
31) Carbon tetrachloride	5.327	117	1142761	60.28	ug/L	100
35) Methylcyclohexane	6.700	83	18968	0.76	ug/L #	17
47) Tetrachloroethene	8.562	164	196714	15.07	ug/L	99
49) Dibromochloromethane	8.558	129	176359	13.36	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	10946	1.10	ug/L #	69

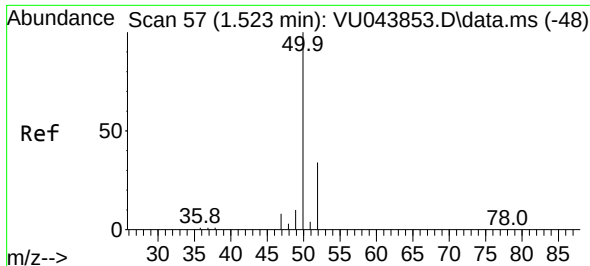
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
Data File : VU043873.D
Acq On : 20 May 2021 18:28
Operator : SY/MD
Sample : M2475-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB406

Quant Time: May 21 01:20:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 21 01:15:23 2021
Response via : Initial Calibration

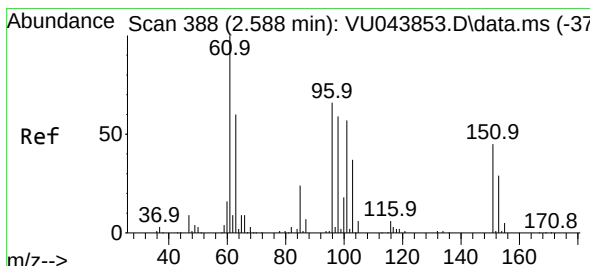
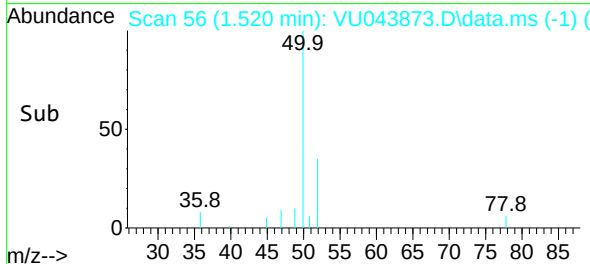
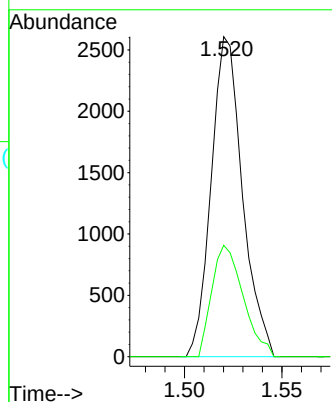
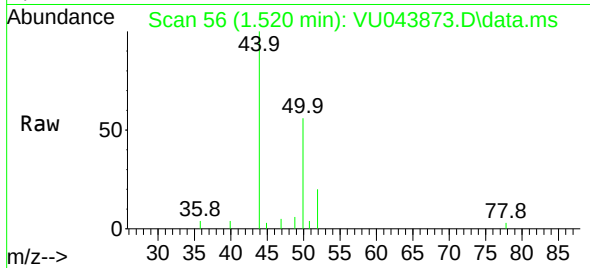




#3
Chloromethane
Concen: 0.16 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043873.D
Acq: 20 May 2021 18:28

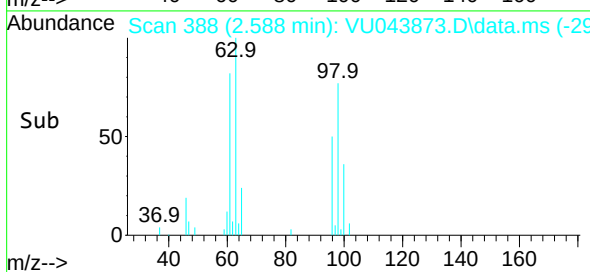
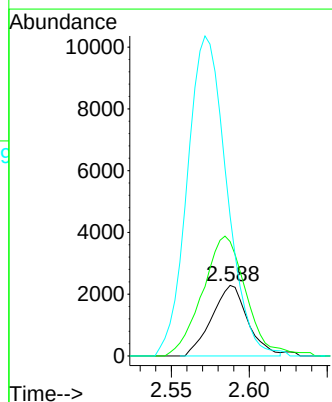
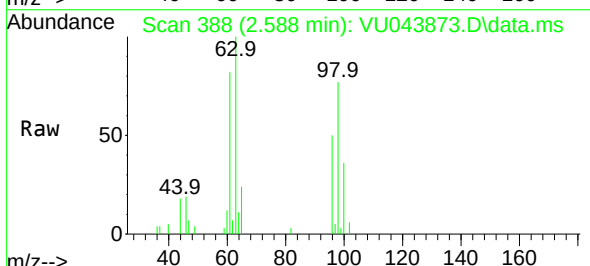
Instrument :
MSVOA_U
ClientSampled :
GB406

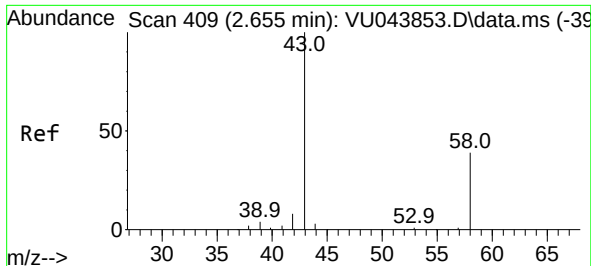
Tgt Ion: 50 Resp: 2905
Ion Ratio Lower Upper
50 100
52 34.8 23.2 43.2



#12
1,1-Dichloroethene
Concen: 0.26 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043873.D
Acq: 20 May 2021 18:28

Tgt Ion: 96 Resp: 3661
Ion Ratio Lower Upper
96 100
61 162.3 117.5 218.1
63 198.4 77.3 143.7#

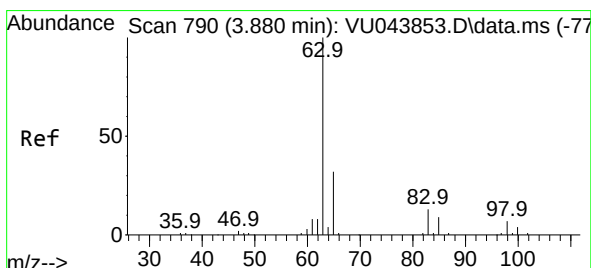
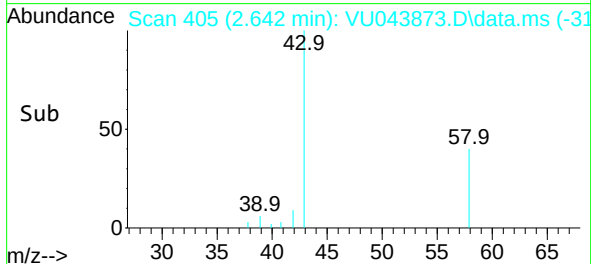
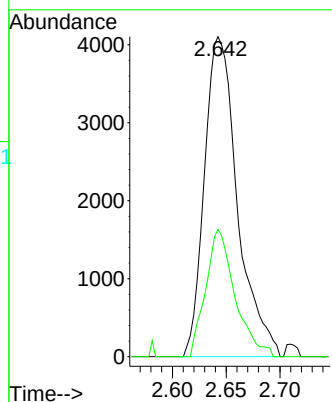
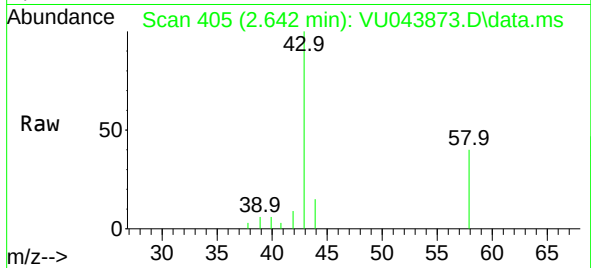




#13
Acetone
Concen: 4.58 ug/L
RT: 2.642 min Scan# 405
Delta R.T. -0.013 min
Lab File: VU043873.D
Acq: 20 May 2021 18:28

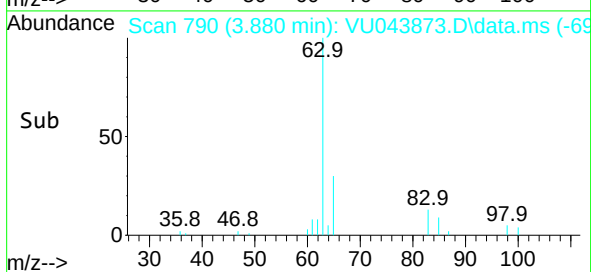
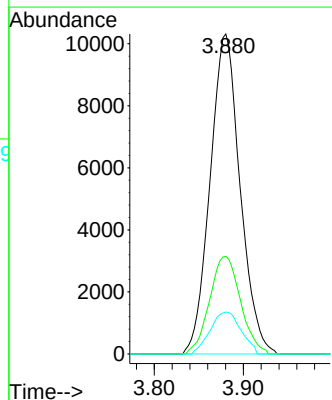
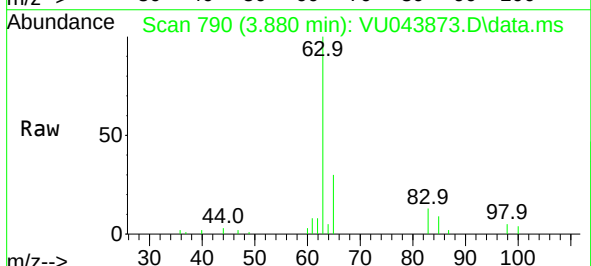
Instrument :
MSVOA_U
ClientSampleId :
GB406

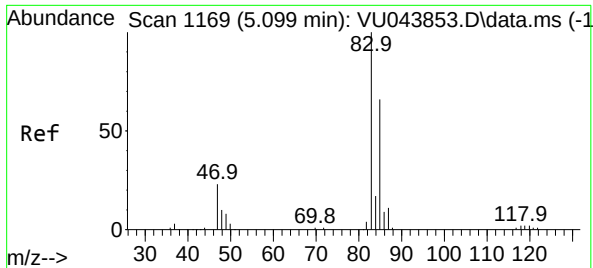
Tgt Ion: 43 Resp: 8770
Ion Ratio Lower Upper
43 100
58 35.2 0.0 71.6



#19
1,1-Dichloroethane
Concen: 0.89 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU043873.D
Acq: 20 May 2021 18:28

Tgt Ion: 63 Resp: 24103
Ion Ratio Lower Upper
63 100
65 30.5 22.3 41.3
83 13.1 9.0 16.8





#25

Chloroform

Concen: 0.52 ug/L

RT: 5.099 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VU043873.D

Acq: 20 May 2021 18:28

Tgt Ion: 83 Resp: 13910

Ion Ratio Lower Upper

83 100

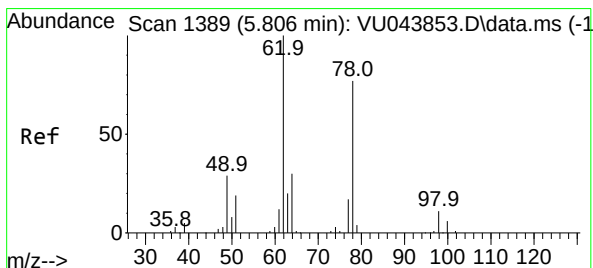
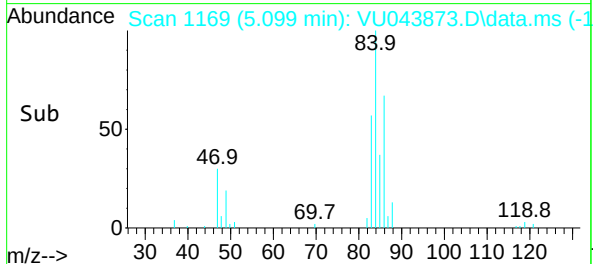
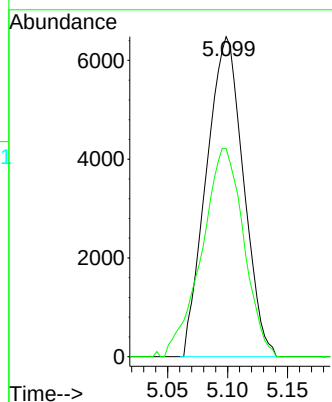
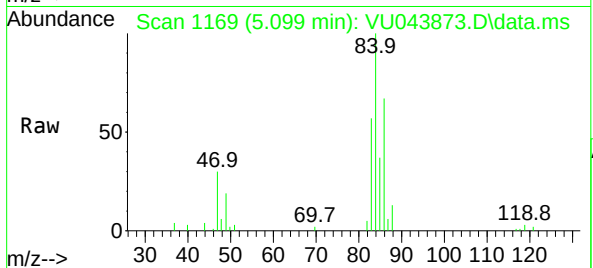
85 65.1 45.0 83.6

Instrument :

MSVOA_U

ClientSampled :

GB406



#27

1,2-Dichloroethane

Concen: 0.39 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. -0.003 min

Lab File: VU043873.D

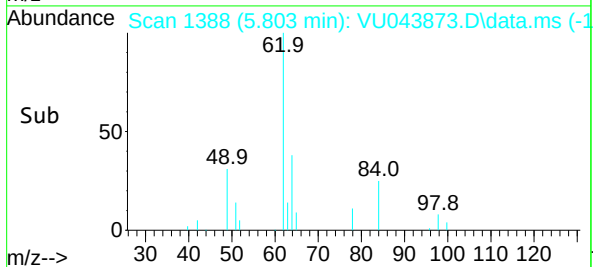
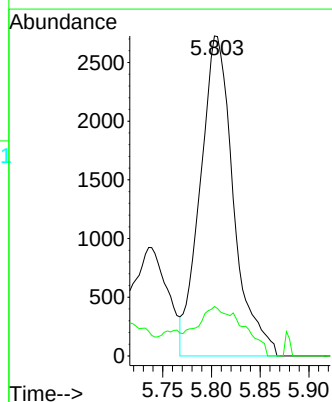
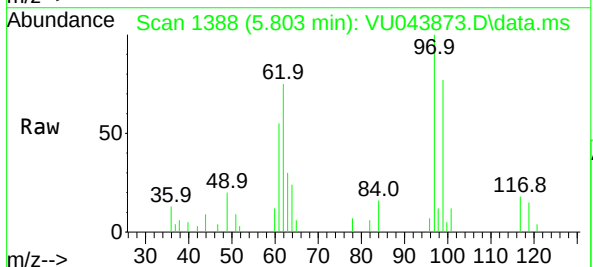
Acq: 20 May 2021 18:28

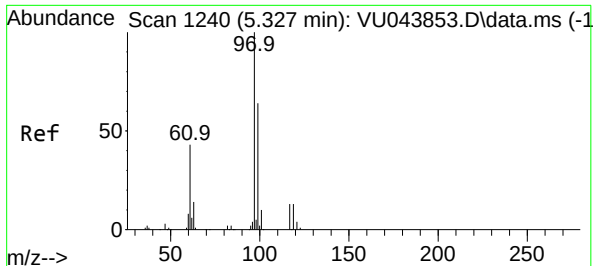
Tgt Ion: 62 Resp: 6474

Ion Ratio Lower Upper

62 100

98 15.4 7.7 11.5#





#29

1,1,1-Trichloroethane

Concen: 361.92 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VU043873.D

Acq: 20 May 2021 18:28

Instrument :

MSVOA_U

ClientSampleId :

GB406

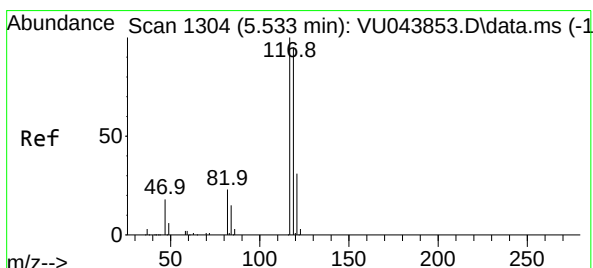
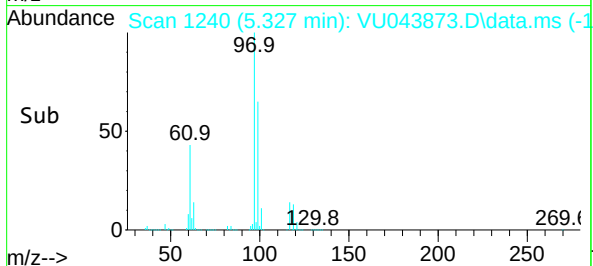
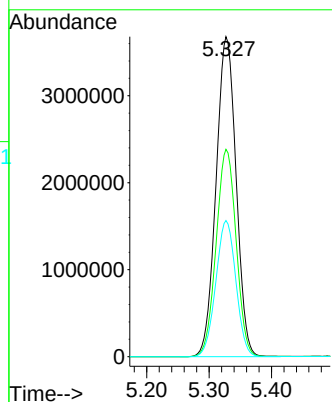
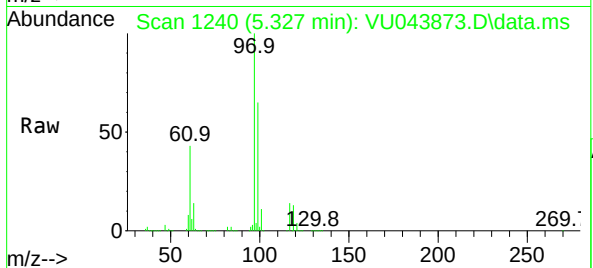
Tgt Ion: 97 Resp: 8212495

Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

61 42.6 37.0 55.4



#31

Carbon tetrachloride

Concen: 60.28 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.206 min

Lab File: VU043873.D

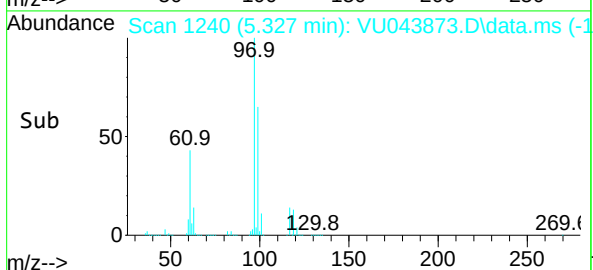
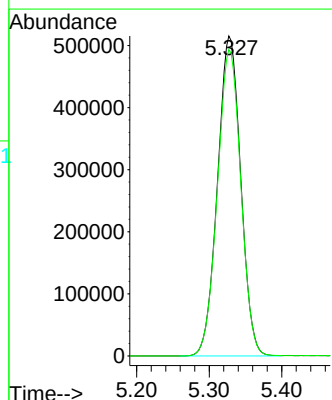
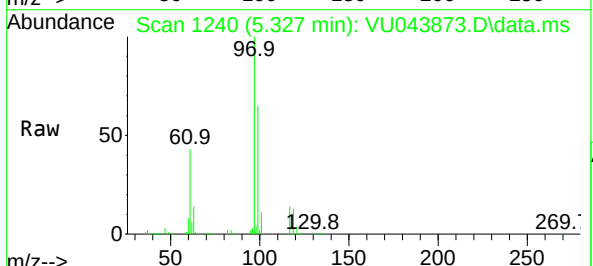
Acq: 20 May 2021 18:28

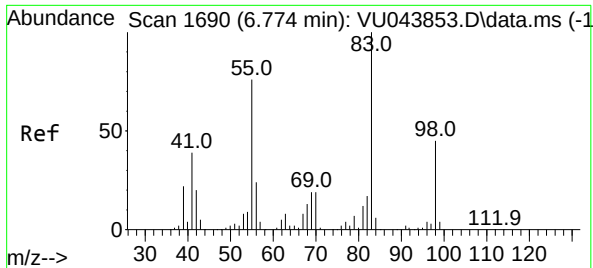
Tgt Ion: 117 Resp: 1142761

Ion Ratio Lower Upper

117 100

119 96.9 77.4 116.0

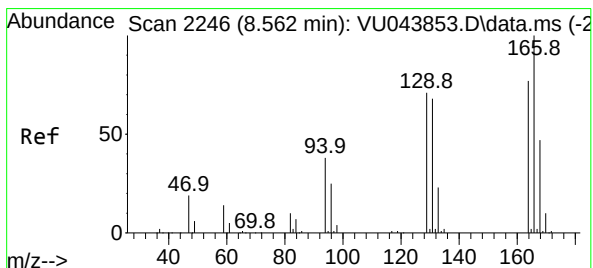
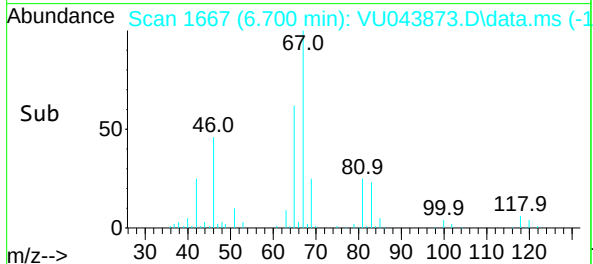
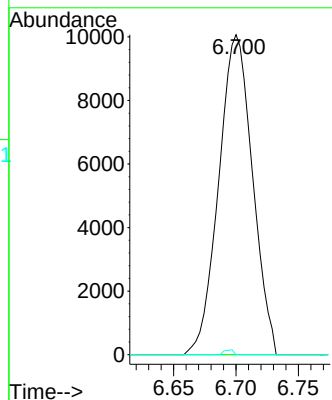
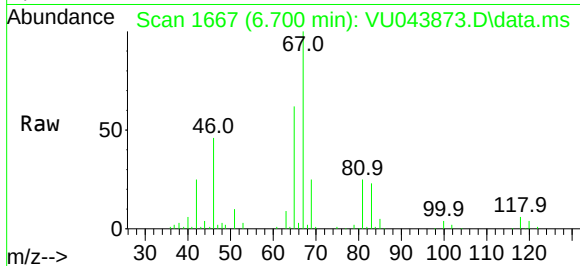




#35
Methylcyclohexane
Concen: 0.76 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU043873.D
Acq: 20 May 2021 18:28

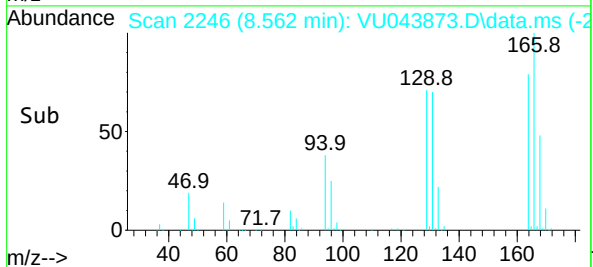
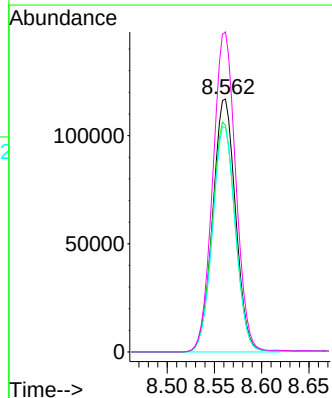
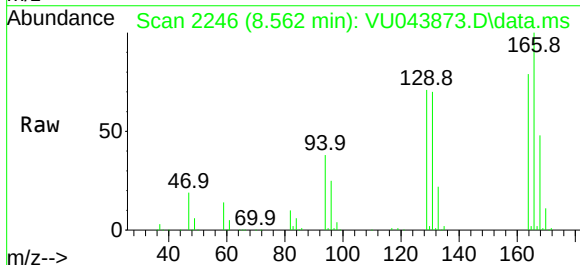
Instrument :
MSVOA_U
ClientSampleId :
GB406

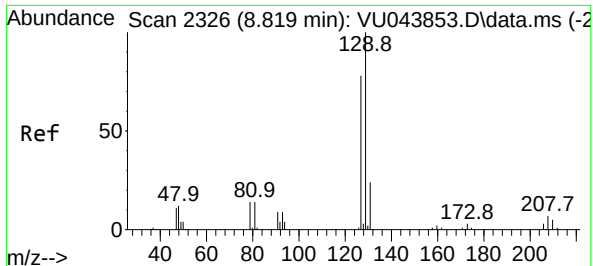
Tgt Ion: 83 Resp: 18968
Ion Ratio Lower Upper
83 100
55 0.0 64.8 97.2#
98 0.4 35.9 53.9#



#47
Tetrachloroethene
Concen: 15.07 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043873.D
Acq: 20 May 2021 18:28

Tgt Ion:164 Resp: 196714
Ion Ratio Lower Upper
164 100
129 89.6 64.1 119.1
131 88.6 61.2 113.8
166 126.5 87.8 163.2

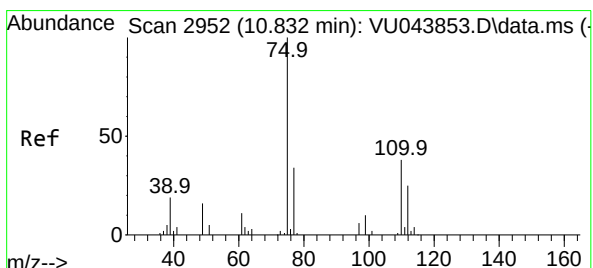
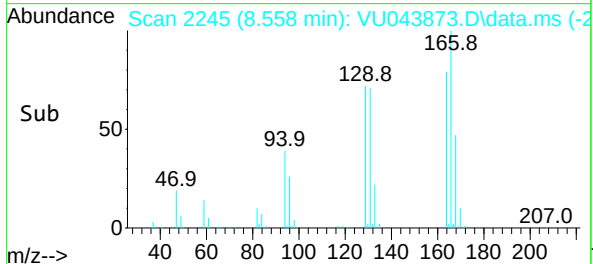
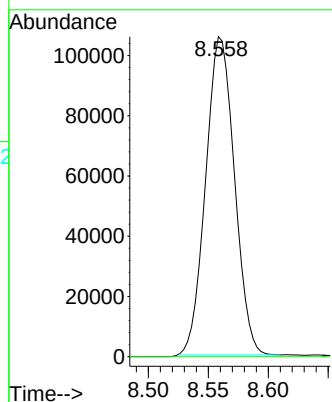
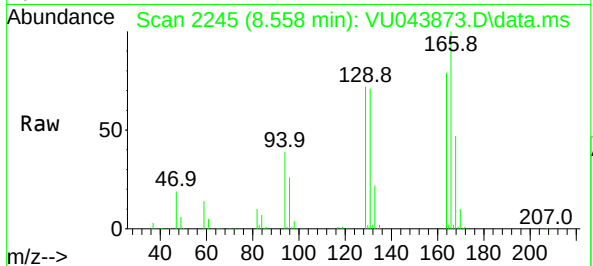




#49
Dibromochloromethane
Concen: 13.36 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU043873.D
Acq: 20 May 2021 18:28

Instrument :
MSVOA_U
ClientSampled :
GB406

Tgt Ion:129 Resp: 176359
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#



#61
1,2,3-Trichloropropane
Concen: 1.10 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043873.D
Acq: 20 May 2021 18:28

Tgt Ion: 75 Resp: 10946
Ion Ratio Lower Upper
75 100
110 1.0 27.9 41.9#
77 32.0 25.9 38.9

