

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043938.D
 Acq On : 25 May 2021 03:35
 Operator : SY/MD
 Sample : M2464-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB448

Quant Time: May 25 07:48:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 07:46:23 2021
 Response via : Initial Calibration

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

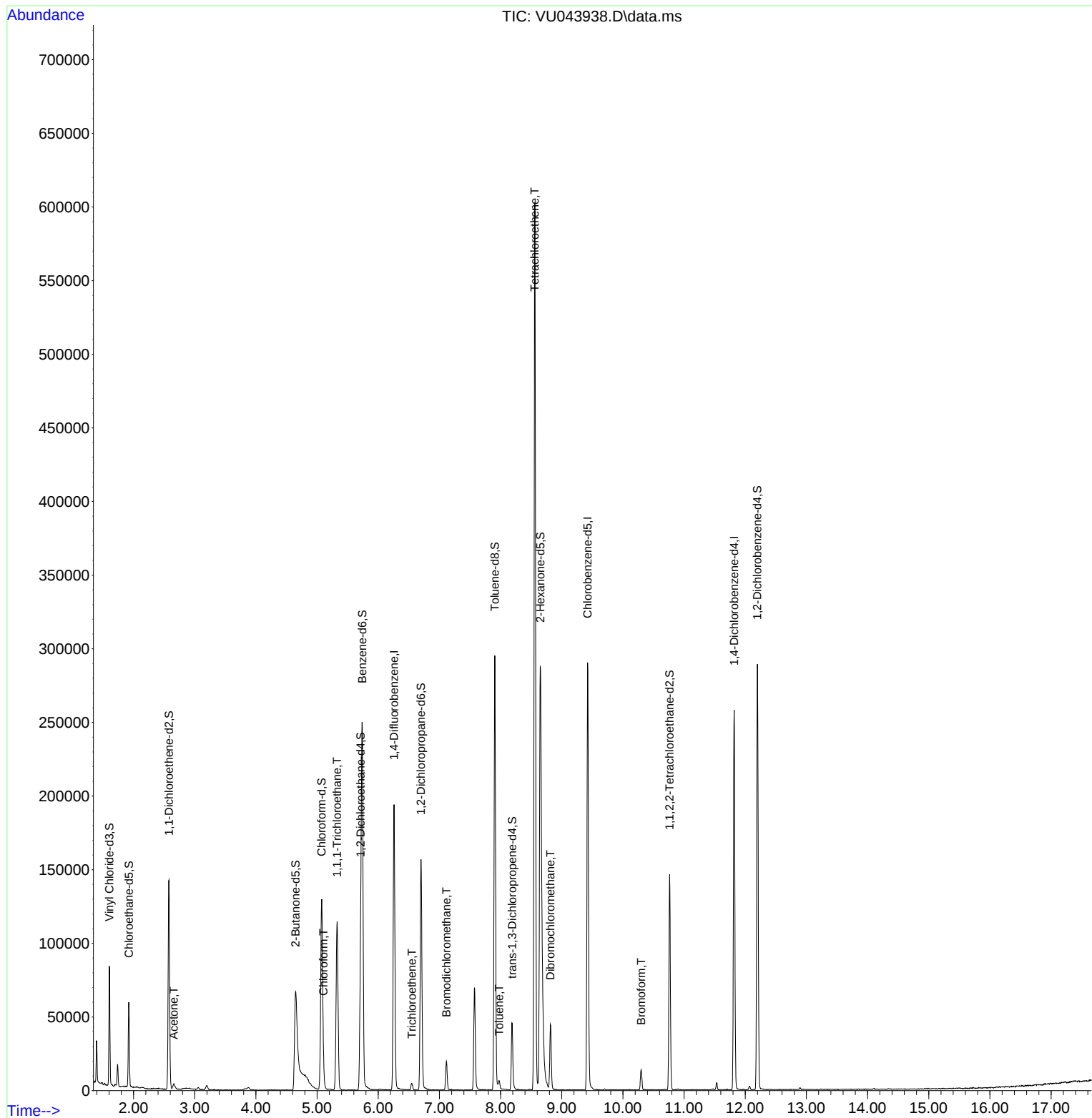
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	166391	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	175271	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	75968	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	57722	6.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.60%
7) Chloroethane-d5	1.922	69	42749	6.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.00%
11) 1,1-Dichloroethene-d2	2.578	65	26197	5.81	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.20%
20) 2-Butanone-d5	4.649	46	133172	45.35	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.70%
24) Chloroform-d	5.073	84	121912	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
26) 1,2-Dichloroethane-d4	5.713	65	65165	5.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.20%
32) Benzene-d6	5.739	84	245487	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.40%
36) 1,2-Dichloropropane-d6	6.700	67	78326	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.906	98	203938	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloroprop...	8.189	79	27117	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.648	63	135790	57.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.62%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	74573	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	84859	6.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.00%#
Target Compounds					Qvalue	
13) Acetone	2.655	43	5880	3.80	ug/L	80
25) Chloroform	5.102	83	11718	0.55	ug/L	93
29) 1,1,1-Trichloroethane	5.327	97	85053	4.68	ug/L	98
34) Trichloroethene	6.549	95	1354	0.11	ug/L	92
38) Bromodichloromethane	7.115	83	13991	0.93	ug/L	95
42) Toluene	7.976	91	4401	0.09	ug/L	95
47) Tetrachloroethene	8.558	164	147945	13.92	ug/L	99
49) Dibromochloromethane	8.816	129	24545	2.21	ug/L	99
59) Bromoform	10.298	173	7247	1.33	ug/L	94

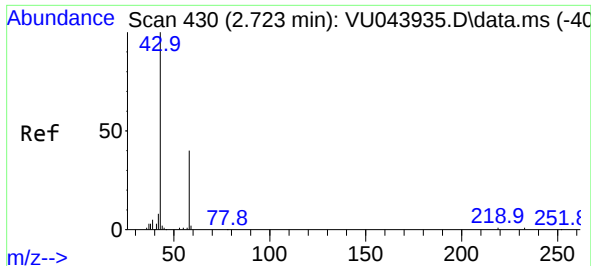
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
Data File : VU043938.D
Acq On : 25 May 2021 03:35
Operator : SY/MD
Sample : M2464-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB448

Quant Time: May 25 07:48:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 25 07:46:23 2021
Response via : Initial Calibration

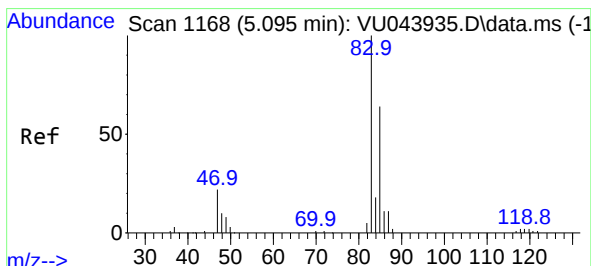
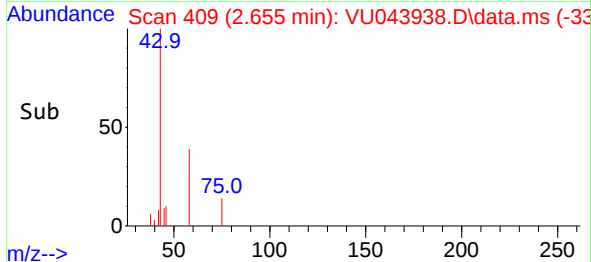
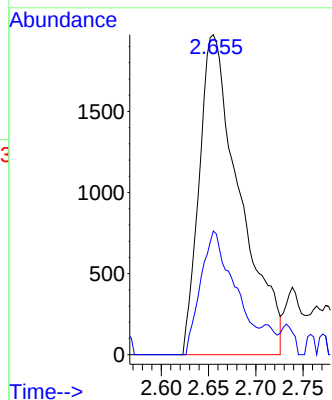
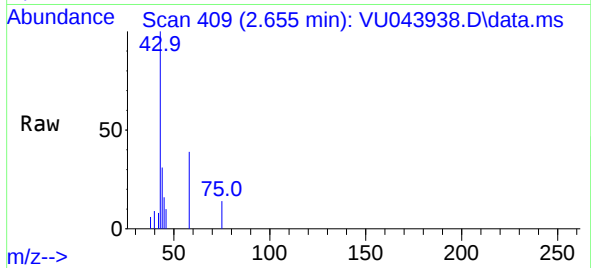




#13
Acetone
Concen: 3.80 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.068 min
Lab File: VU043938.D
Acq: 25 May 2021 03:35

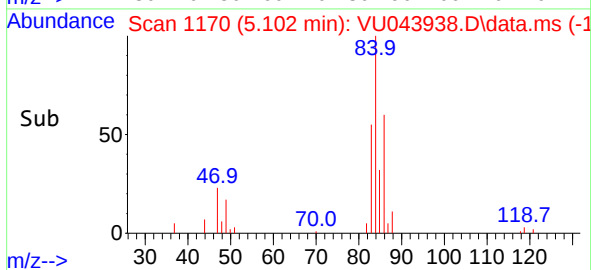
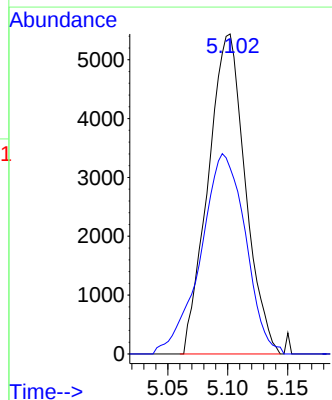
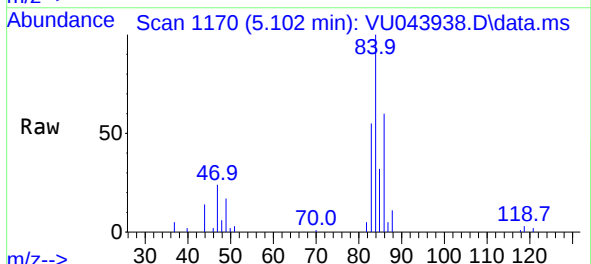
Instrument :
MSVOA_U
ClientSampled :
GB448

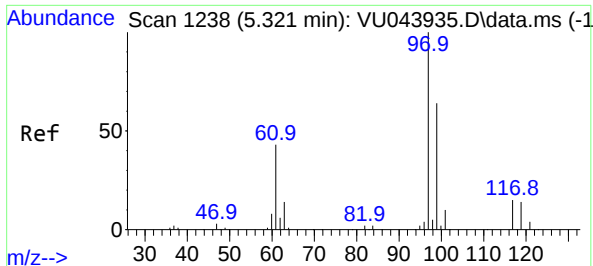
Tgt Ion: 43 Resp: 5880
Ion Ratio Lower Upper
43 100
58 32.7 0.0 46.2



#25
Chloroform
Concen: 0.55 ug/L
RT: 5.102 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VU043938.D
Acq: 25 May 2021 03:35

Tgt Ion: 83 Resp: 11718
Ion Ratio Lower Upper
83 100
85 58.1 44.7 82.9



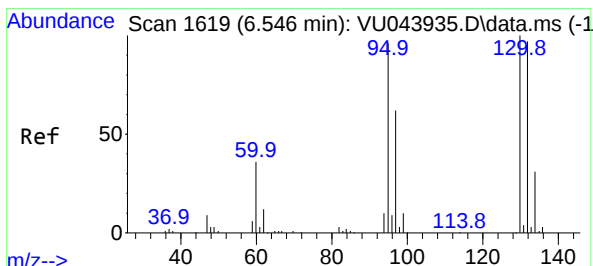
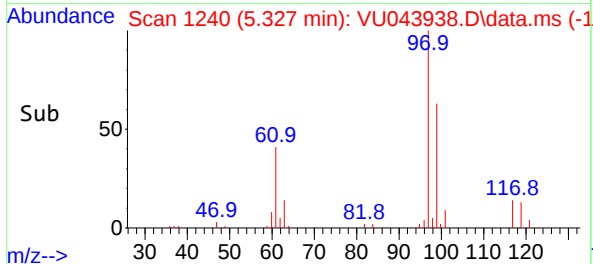
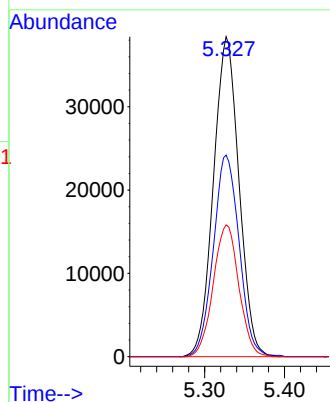
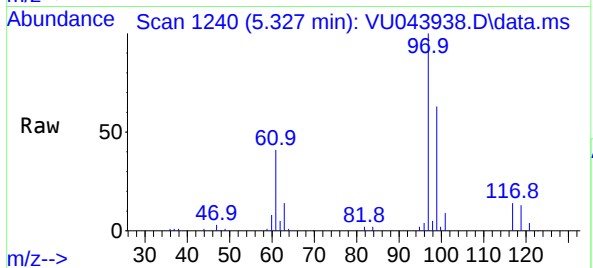


#29
1,1,1-Trichloroethane
Concen: 4.68 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VU043938.D
Acq: 25 May 2021 03:35

Instrument :
MSVOA_U
ClientSampleId :
GB448

Tgt Ion: 97 Resp: 85053

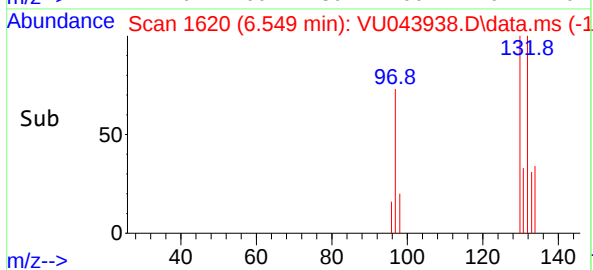
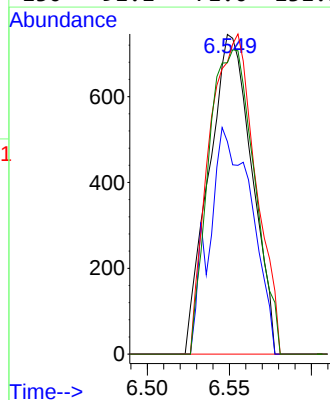
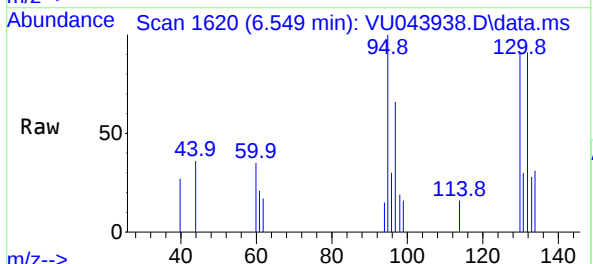
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.9	77.9
61	41.3	34.7	52.1

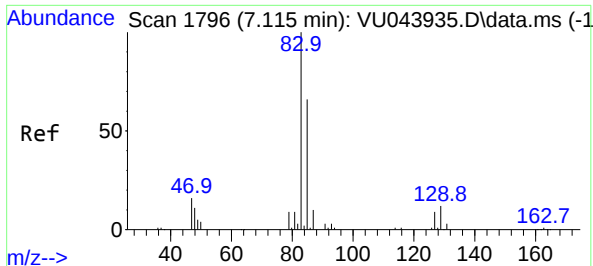


#34
Trichloroethene
Concen: 0.11 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU043938.D
Acq: 25 May 2021 03:35

Tgt Ion: 95 Resp: 1354

Ion	Ratio	Lower	Upper
95	100		
97	66.4	45.5	84.5
132	91.3	70.9	131.7
130	91.1	71.0	131.9

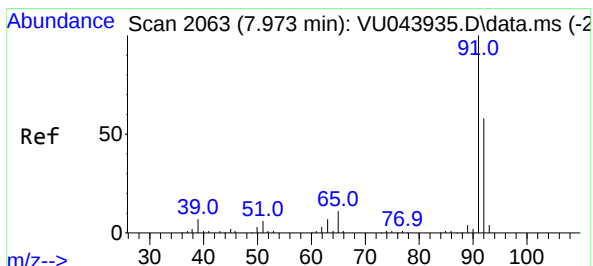
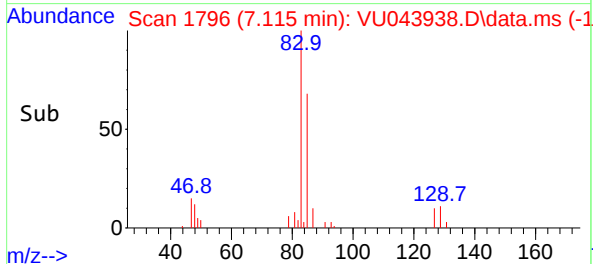
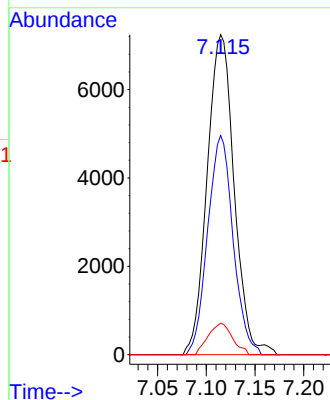
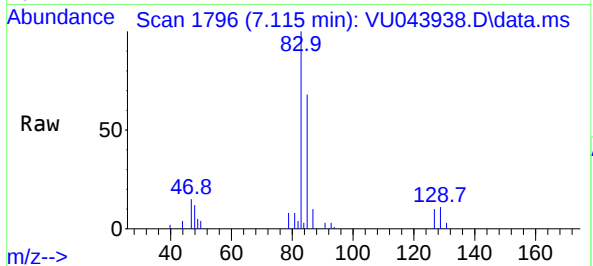




#38
Bromodichloromethane
Concen: 0.93 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043938.D
Acq: 25 May 2021 03:35

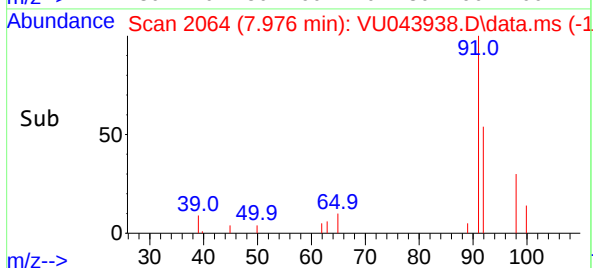
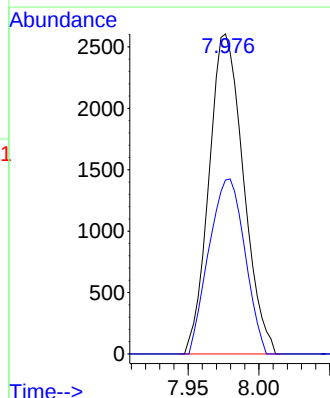
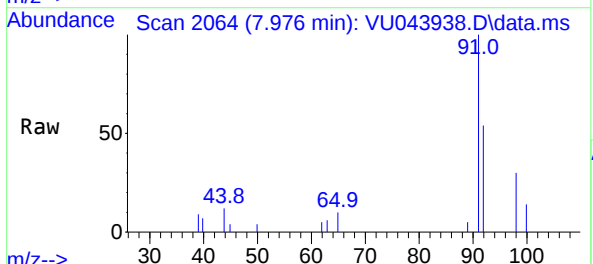
Instrument :
MSVOA_U
ClientSampleId :
GB448

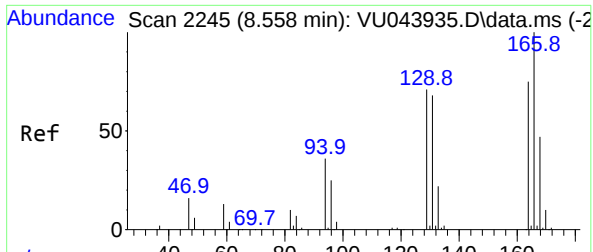
Tgt Ion:	83	Resp:	13991
Ion	Ratio	Lower	Upper
83	100		
85	68.5	45.0	83.6
127	9.8	7.2	10.8



#42
Toluene
Concen: 0.09 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VU043938.D
Acq: 25 May 2021 03:35

Tgt Ion:	91	Resp:	4401
Ion	Ratio	Lower	Upper
91	100		
92	54.3	40.5	75.1

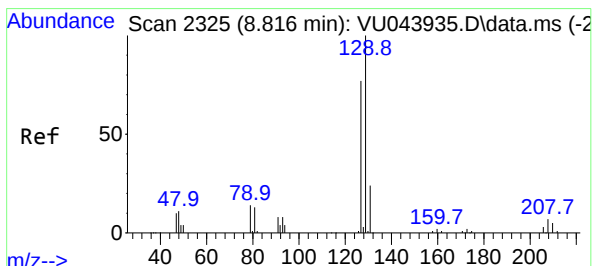
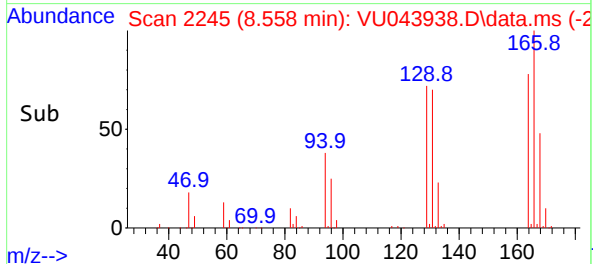
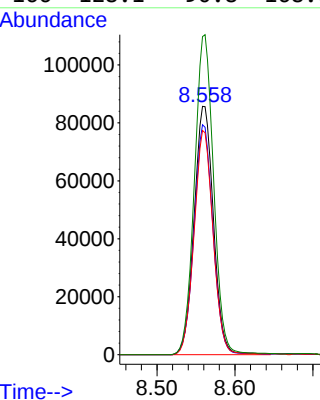
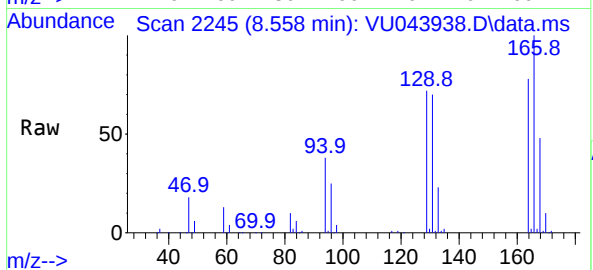




#47
Tetrachloroethene
Concen: 13.92 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU043938.D
Acq: 25 May 2021 03:35

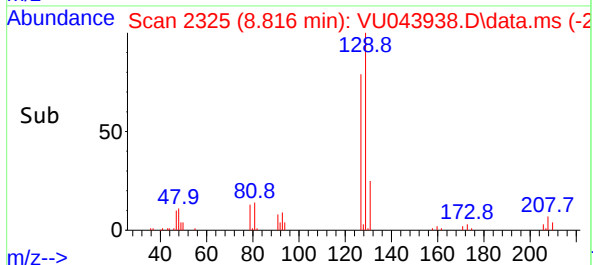
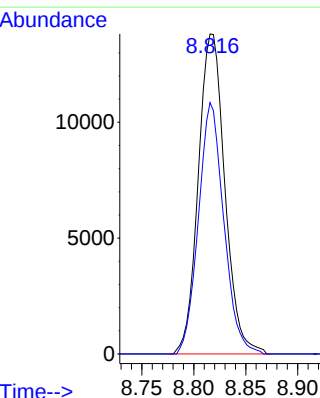
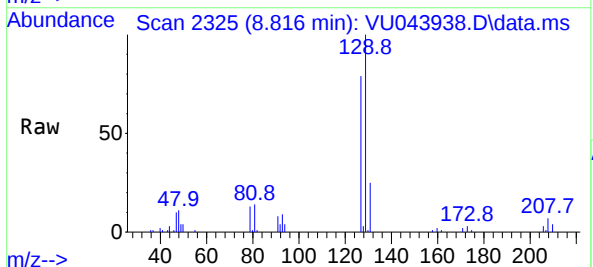
Instrument :
MSVOA_U
ClientSampled :
GB448

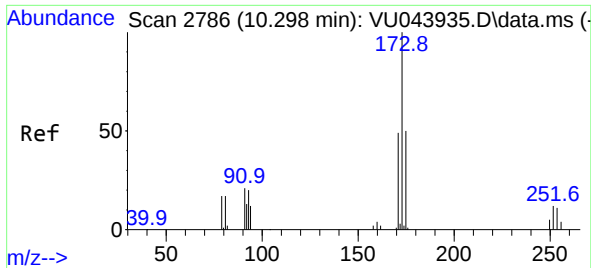
Tgt Ion:164 Resp: 147945
Ion Ratio Lower Upper
164 100
129 92.6 64.1 119.1
131 90.3 64.5 119.9
166 128.1 90.8 168.6



#49
Dibromochloromethane
Concen: 2.21 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU043938.D
Acq: 25 May 2021 03:35

Tgt Ion:129 Resp: 24545
Ion Ratio Lower Upper
129 100
127 78.6 54.1 100.5





#59
 Bromoform
 Concen: 1.33 ug/L
 RT: 10.298 min Scan# 2786
 Delta R.T. -0.000 min
 Lab File: VU043938.D
 Acq: 25 May 2021 03:35

Instrument :
 MSVOA_U
 ClientSampleId :
 GB448

Tgt Ion:	173	Resp:	7247
Ion	Ratio	Lower	Upper
173	100		
175	44.0	38.8	58.2
254	12.4	9.3	13.9

