

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050321\
 Data File : VU043488.D
 Acq On : 03 May 2021 15:04
 Operator : SY/MD
 Sample : M2195-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB3H2

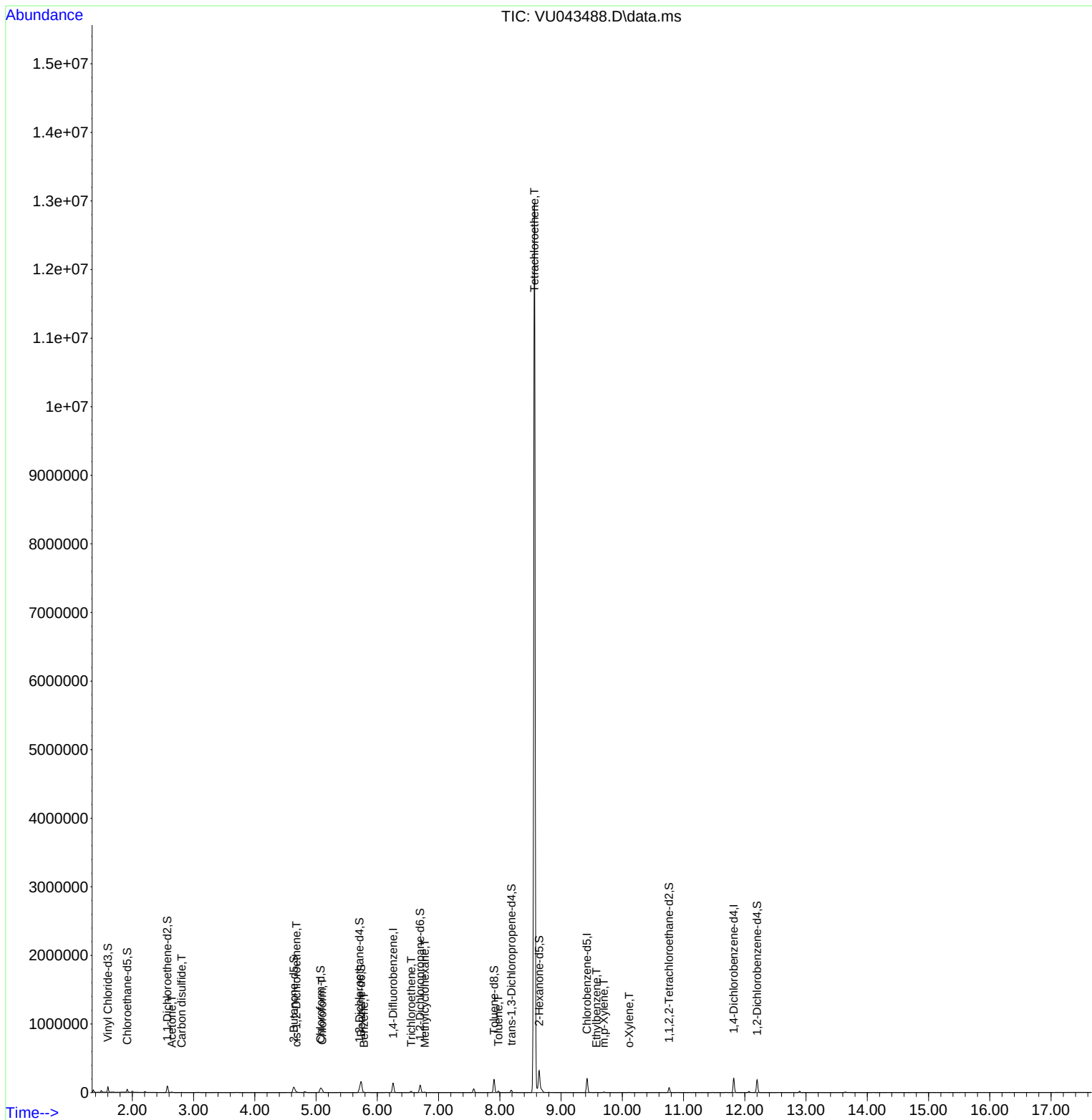
Quant Time: May 04 07:40:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 04 07:31:29 2021
 Response via : Initial Calibration

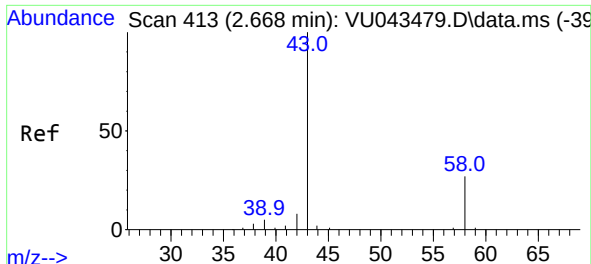
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	100772	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	102599	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	49417	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	38052	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.916	69	27737	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.571	65	18658	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	4.636	46	122498	48.69	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.38%
24) Chloroform-d	5.073	84	51261	3.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.20%#
26) 1,2-Dichloroethane-d4	5.710	65	45200	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.735	84	133852	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.700	67	46168	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.906	98	114812	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloroprop...	8.189	79	17871	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.642	63	89740	54.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.98%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	34862	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	43830	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%
Target Compounds						Qvalue
13) Acetone	2.645	43	10823	6.45	ug/L	98
14) Carbon disulfide	2.803	76	2367	0.17	ug/L	98
22) cis-1,2-Dichloroethene	4.677	96	2095	0.30	ug/L	92
25) Chloroform	5.099	83	26431	1.78	ug/L	97
33) Benzene	5.784	78	3490	0.13	ug/L	100
34) Trichloroethene	6.552	95	5752	0.83	ug/L	94
35) Methylcyclohexane	6.774	83	2284	0.26	ug/L	98
42) Toluene	7.976	91	14684	0.52	ug/L	96
47) Tetrachloroethene	8.565	164	2574643	506.39	ug/L	96
52) Ethylbenzene	9.578	91	2894	0.10	ug/L	94
53) m,p-Xylene	9.700	106	2355	0.22	ug/L	100
54) o-Xylene	10.111	106	880	0.08	ug/L	95

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 04 07:31:29 2021
Response via : Initial Calibration

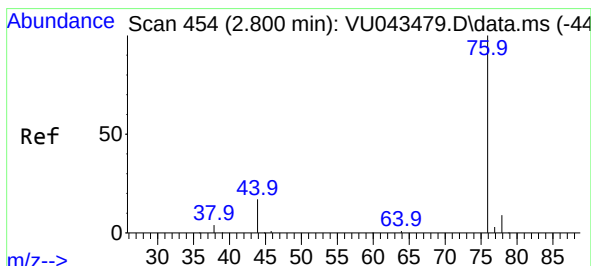
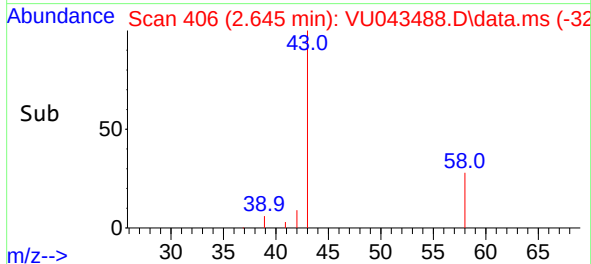
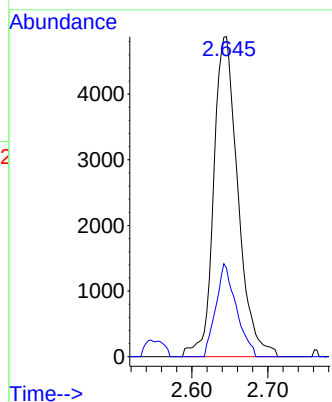
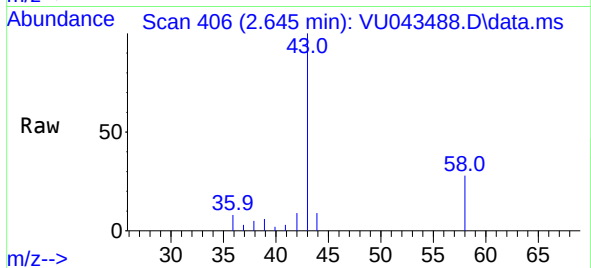




#13
Acetone
Concen: 6.45 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.022 min
Lab File: VU043488.D
Acq: 03 May 2021 15:04

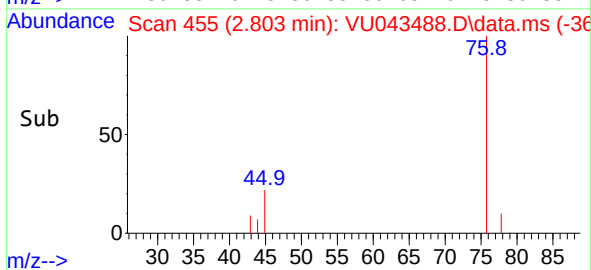
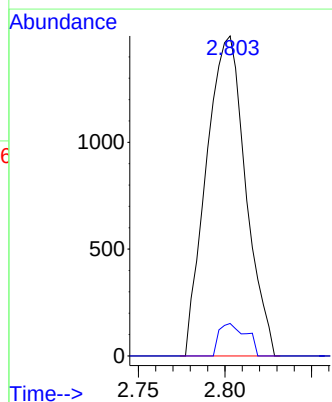
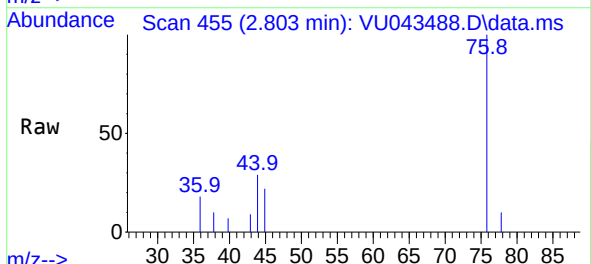
Instrument :
MSVOA_U
ClientSampled :
GB3H2

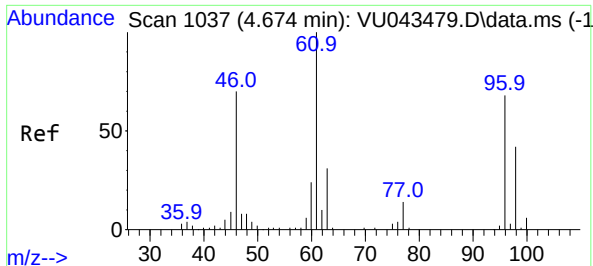
Tgt Ion: 43 Resp: 10823
Ion Ratio Lower Upper
43 100
58 24.3 0.0 50.8



#14
Carbon disulfide
Concen: 0.17 ug/L
RT: 2.803 min Scan# 455
Delta R.T. 0.003 min
Lab File: VU043488.D
Acq: 03 May 2021 15:04

Tgt Ion: 76 Resp: 2367
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.2



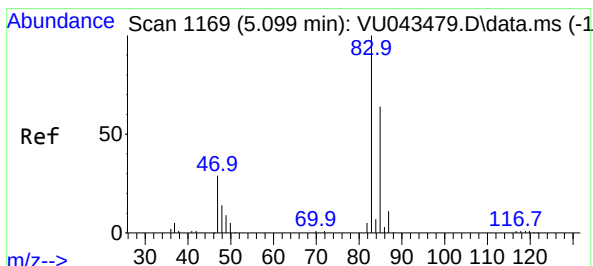
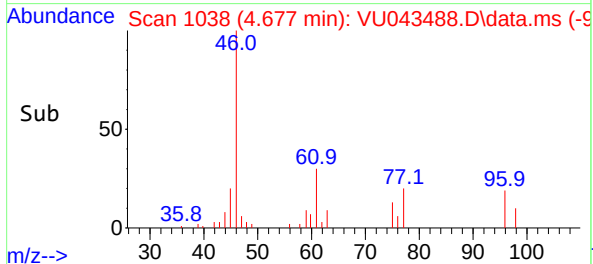
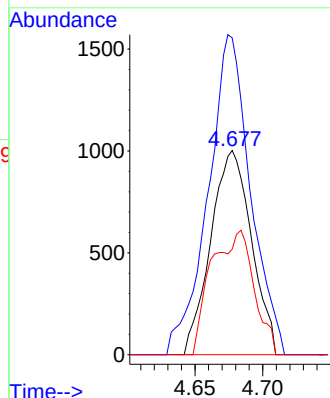
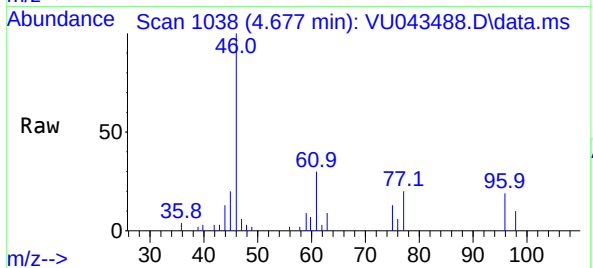


#22

cis-1,2-Dichloroethene
Concen: 0.30 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043488.D
Acq: 03 May 2021 15:04

Instrument :
MSVOA_U
ClientSampled :
GB3H2

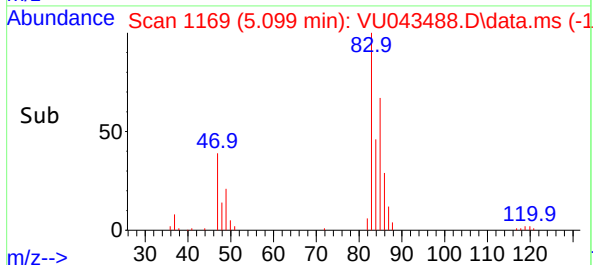
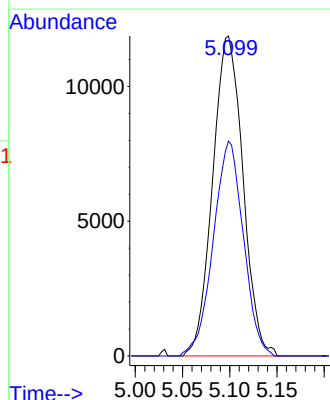
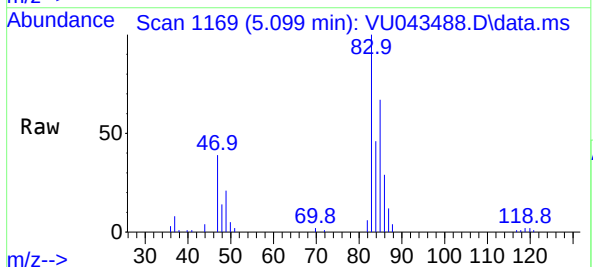
Tgt Ion: 96 Resp: 2095
Ion Ratio Lower Upper
96 100
61 155.2 102.8 190.8
98 51.7 42.8 79.6

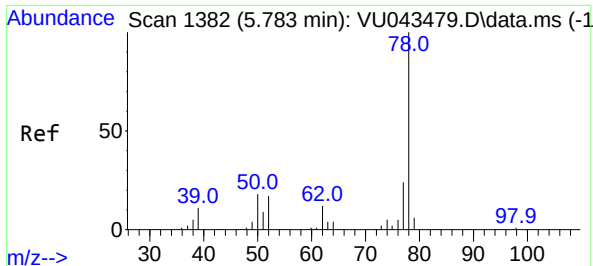


#25

Chloroform
Concen: 1.78 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043488.D
Acq: 03 May 2021 15:04

Tgt Ion: 83 Resp: 26431
Ion Ratio Lower Upper
83 100
85 67.1 45.1 83.9

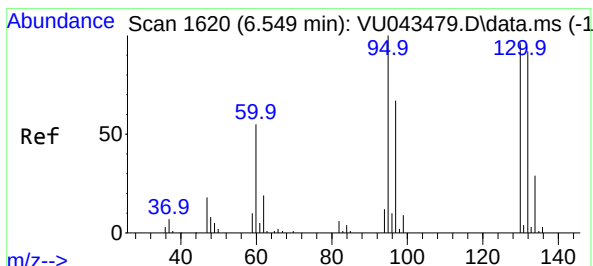
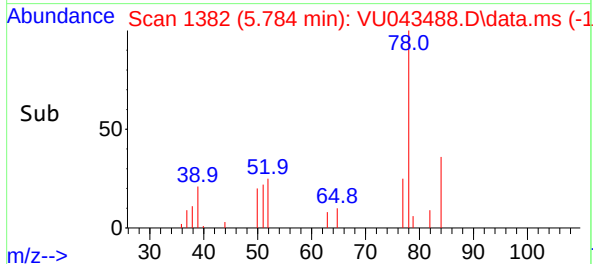
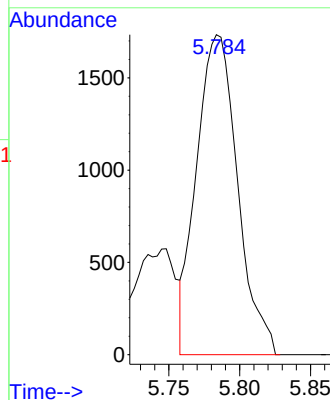
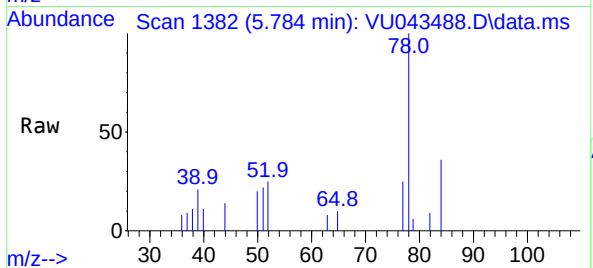




#33
Benzene
Concen: 0.13 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043488.D
Acq: 03 May 2021 15:04

Instrument :
MSVOA_U
ClientSampled :
GB3H2

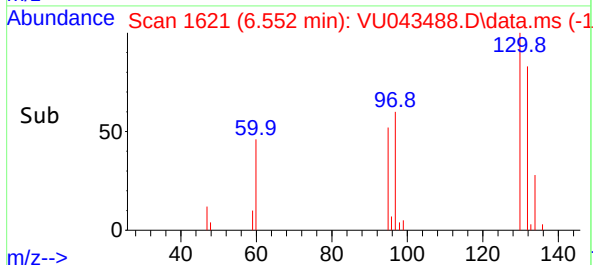
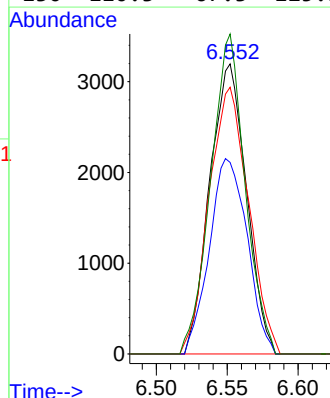
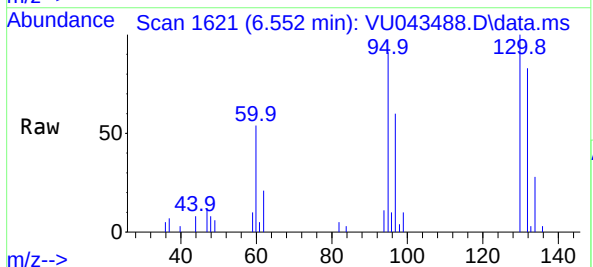
Tgt Ion: 78 Resp: 3490

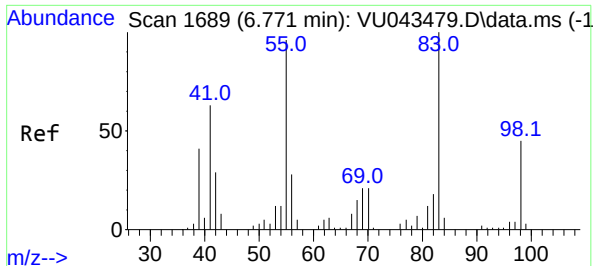


#34
Trichloroethene
Concen: 0.83 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043488.D
Acq: 03 May 2021 15:04

Tgt Ion: 95 Resp: 5752

Ion	Ratio	Lower	Upper
95	100		
97	66.1	46.5	86.5
132	92.0	64.1	119.1
130	110.3	67.3	125.1





#35

Methylcyclohexane

Concen: 0.26 ug/L

RT: 6.774 min Scan# 1690

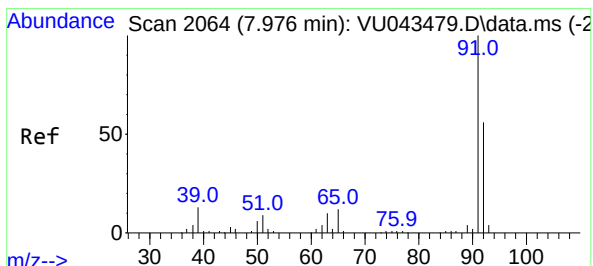
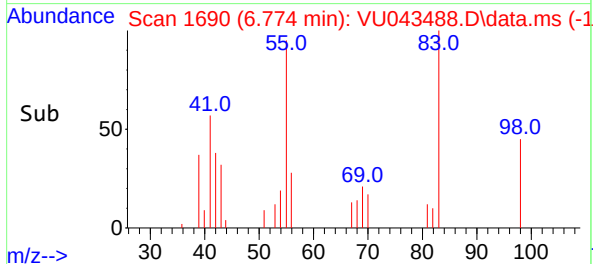
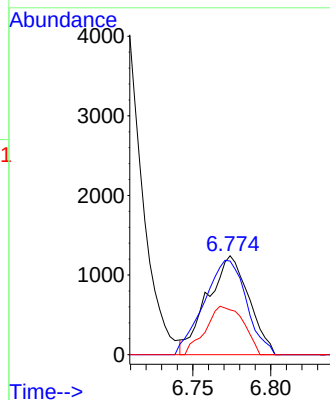
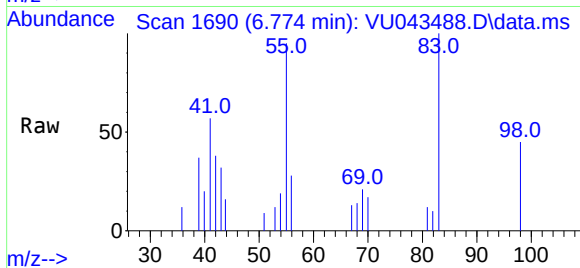
Delta R.T. 0.003 min

Lab File: VU043488.D

Acq: 03 May 2021 15:04

Tgt Ion: 83 Resp: 2284

Ion	Ratio	Lower	Upper
83	100		
55	98.0	75.8	113.8
98	44.8	35.5	53.3



#42

Toluene

Concen: 0.52 ug/L

RT: 7.976 min Scan# 2064

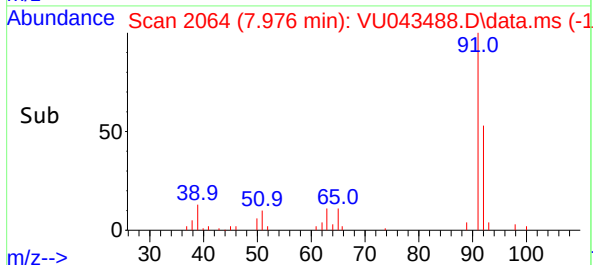
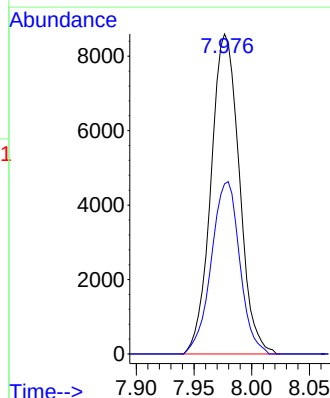
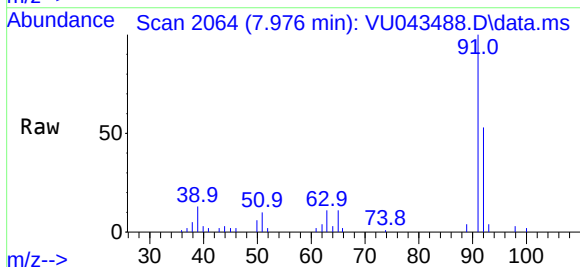
Delta R.T. 0.000 min

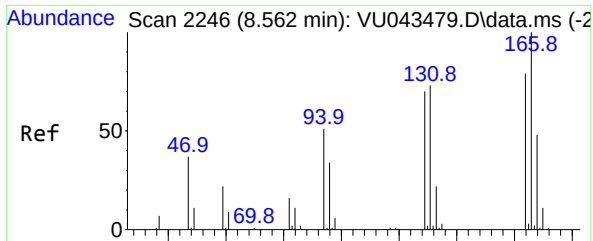
Lab File: VU043488.D

Acq: 03 May 2021 15:04

Tgt Ion: 91 Resp: 14684

Ion	Ratio	Lower	Upper
91	100		
92	53.1	39.1	72.5

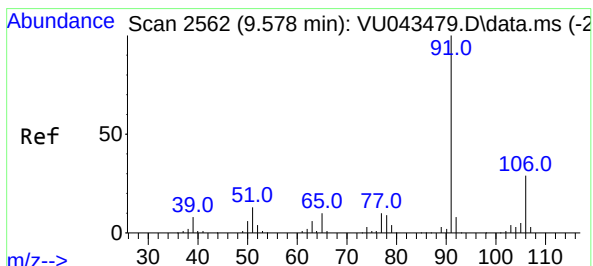
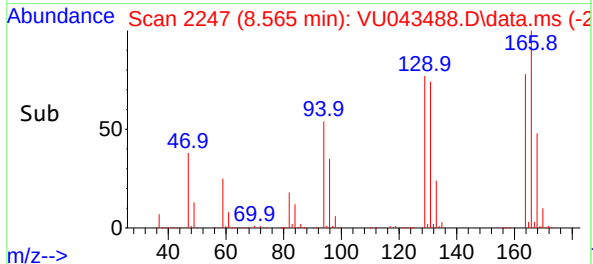
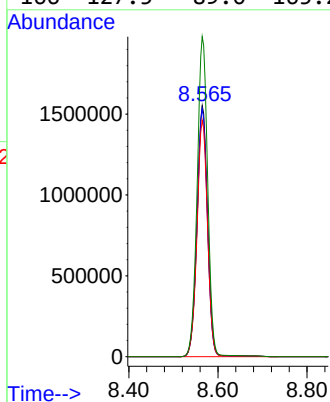
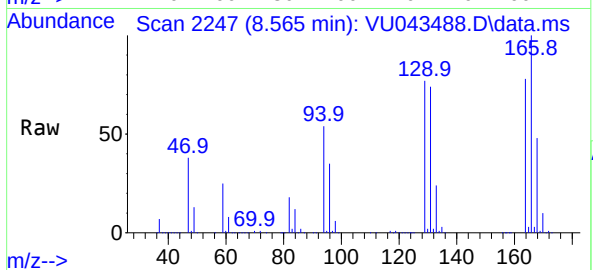




#47
Tetrachloroethene
Concen: 506.39 ug/L
RT: 8.565 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VU043488.D
Acq: 03 May 2021 15:04

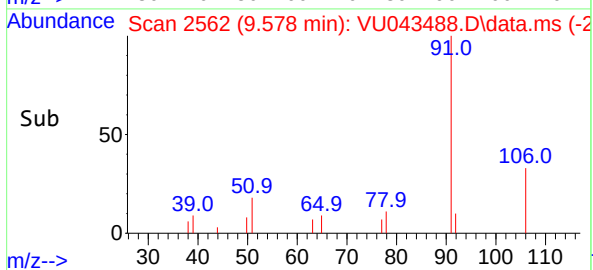
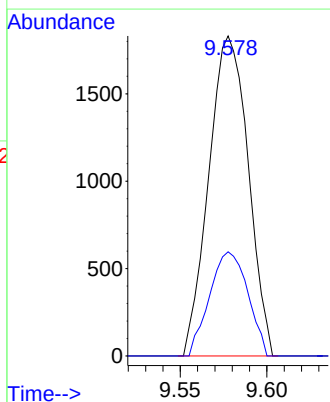
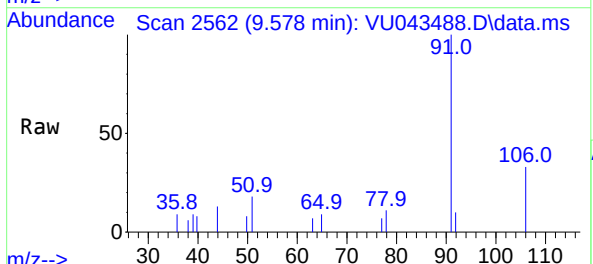
Instrument :
MSVOA_U
ClientSampled :
GB3H2

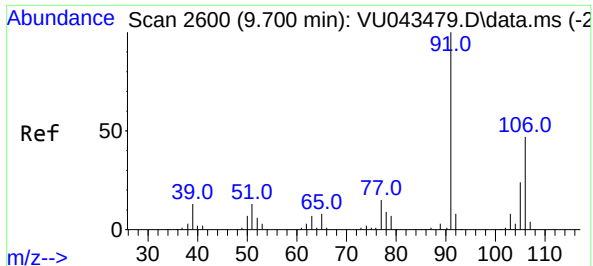
Tgt Ion:164 Resp: 2574643
Ion Ratio Lower Upper
164 100
129 98.8 62.5 116.1
131 94.2 64.9 120.5
166 127.5 89.0 165.2



#52
Ethylbenzene
Concen: 0.10 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043488.D
Acq: 03 May 2021 15:04

Tgt Ion: 91 Resp: 2894
Ion Ratio Lower Upper
91 100
106 32.6 20.5 38.1

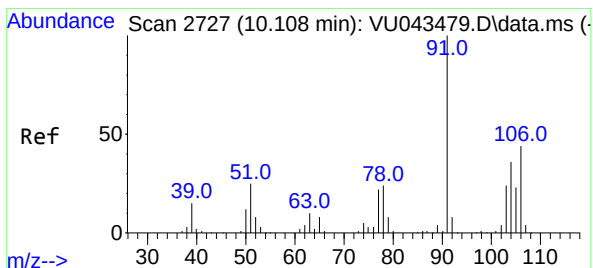
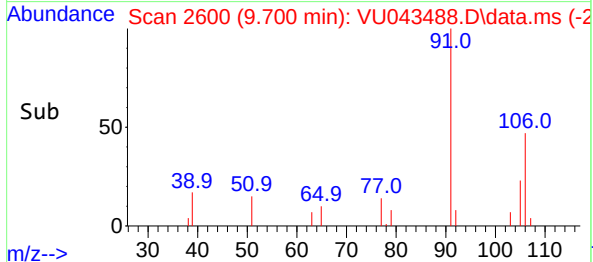
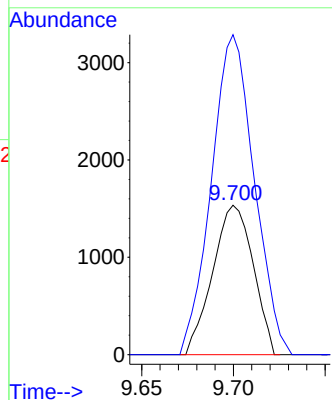
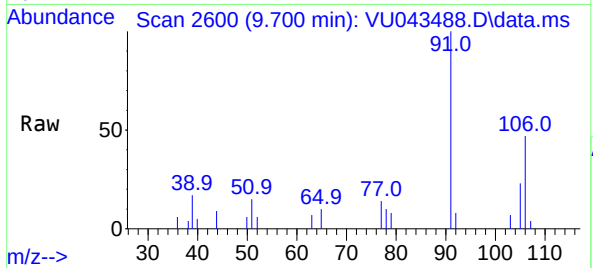




#53
m,p-Xylene
Concen: 0.22 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043488.D
Acq: 03 May 2021 15:04

Instrument :
MSVOA_U
ClientSampled :
GB3H2

Tgt Ion:106 Resp: 2355
Ion Ratio Lower Upper
106 100
91 214.1 150.3 279.1



#54
o-Xylene
Concen: 0.08 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.003 min
Lab File: VU043488.D
Acq: 03 May 2021 15:04

Tgt Ion:106 Resp: 880
Ion Ratio Lower Upper
106 100
91 217.0 157.3 292.1

