

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043733.D
 Acq On : 14 May 2021 05:01
 Operator : SY/MD
 Sample : M2350-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 08:02:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:42:41 2021
 Response via : Initial Calibration

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

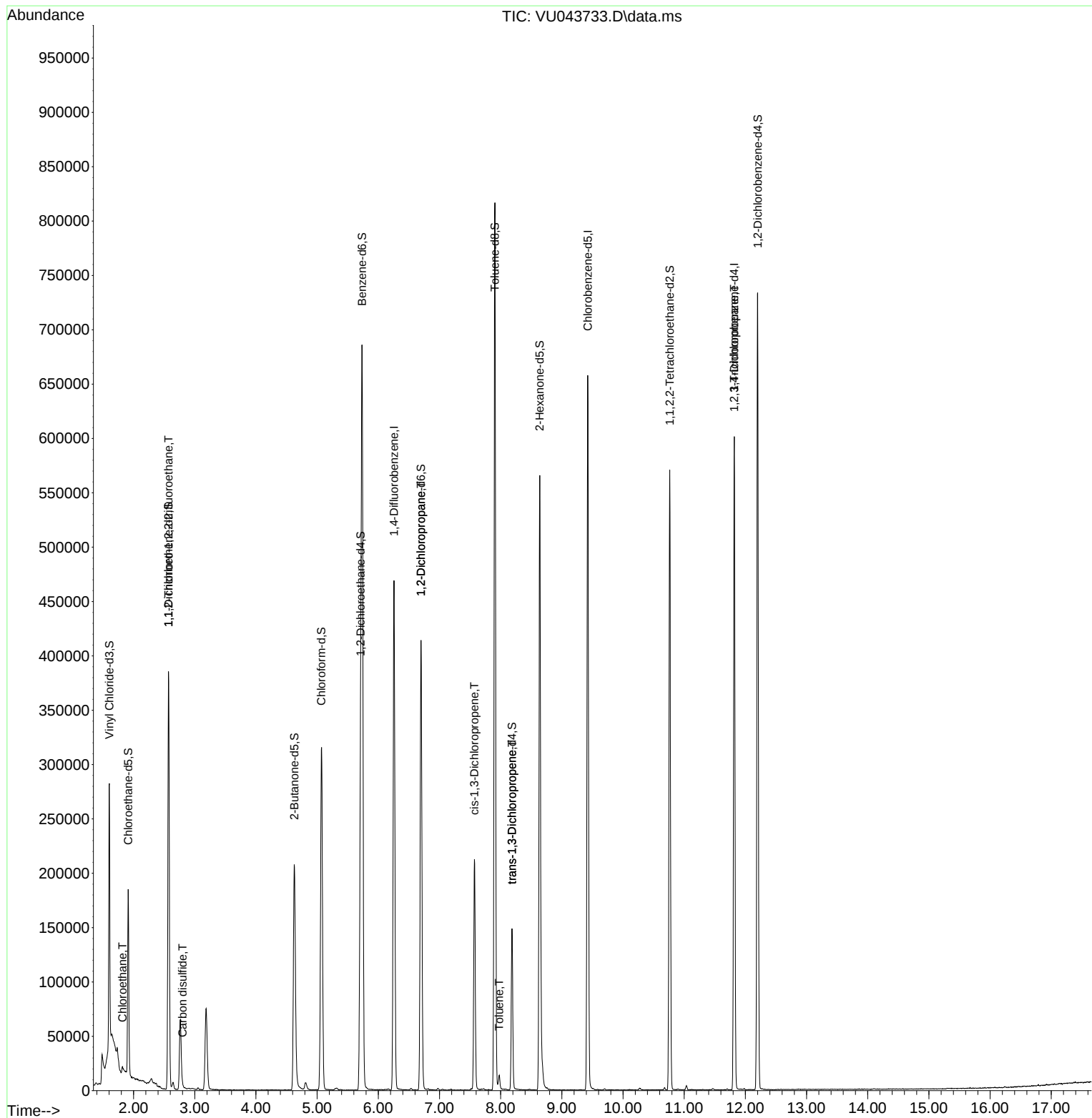
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	379047	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	366109	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	162767	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	170886	54.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.90%
7) Chloroethane-d5	1.912	69	126253	55.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.88%
11) 1,1-Dichloroethene-d2	2.571	63	223389	41.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.62%
21) 2-Butanone-d5	4.626	46	290366	118.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.27%
24) Chloroform-d	5.070	84	295382	55.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.94%
26) 1,2-Dichloroethane-d4	5.710	65	191508	58.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.02%
32) Benzene-d6	5.735	84	628569	57.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.86%
36) 1,2-Dichloropropane-d6	6.697	67	208576	58.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.88%
41) Toluene-d8	7.906	98	537359	55.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.08%
43) trans-1,3-Dichloroprop...	8.185	79	81750	52.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.66%
47) 2-Hexanone-d5	8.639	63	187660	110.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.74%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	292428	54.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	199793	62.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.40%#
Target Compounds						
					Qvalue	
8) Chloroethane	1.819	64	7789	3.67	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	2144	0.77	ug/L #	19
14) Carbon disulfide	2.800	76	2259	0.26	ug/L #	86
37) 1,2-Dichloropropane	6.697	63	20845	6.17	ug/L #	89
39) cis-1,3-Dichloropropene	7.571	75	4426	0.96	ug/L #	63
42) Toluene	7.976	91	8023	0.62	ug/L	94
44) trans-1,3-Dichloropropene	8.185	75	3336	0.77	ug/L #	82
60) 1,2,3-Trichloropropane	11.815	75	18867	4.97	ug/L #	68

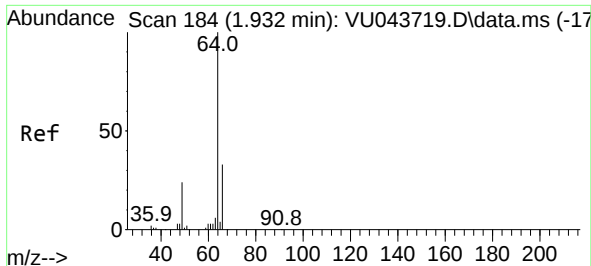
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 14 04:42:41 2021
Response via : Initial Calibration

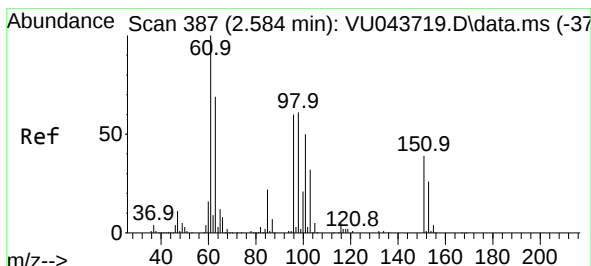
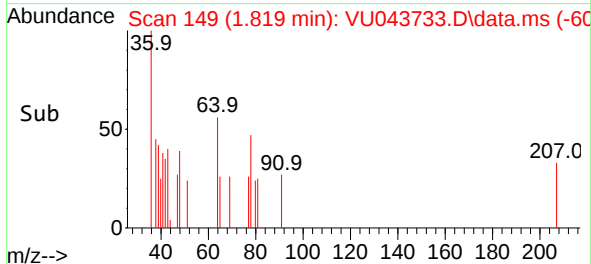
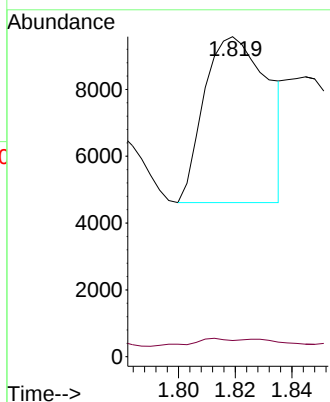
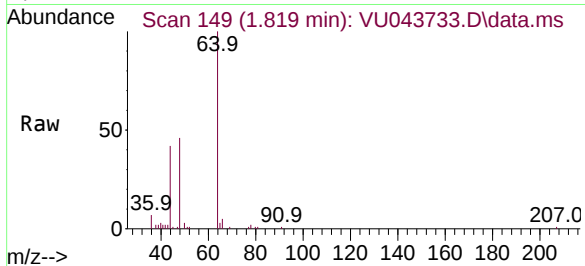




#8
Chloroethane
Concen: 3.67 ug/L
RT: 1.819 min Scan# 149
Delta R.T. -0.113 min
Lab File: VU043733.D
Acq: 14 May 2021 05:01

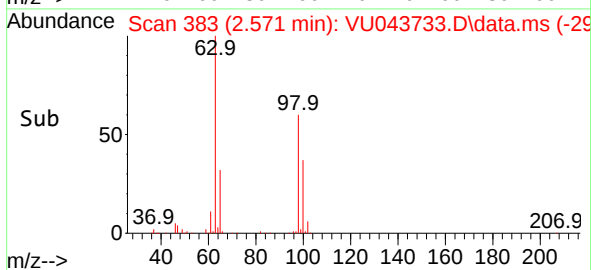
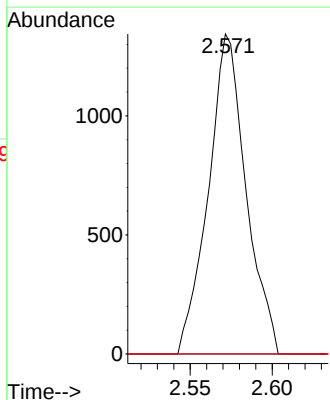
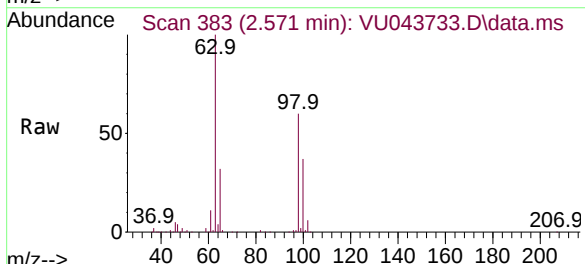
Instrument :
MSVOA_U
ClientSampled :

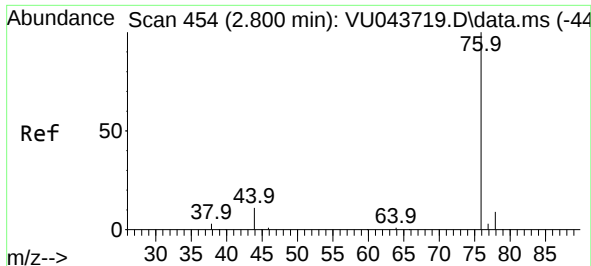
Tgt Ion: 64 Resp: 7789
Ion Ratio Lower Upper
64 100
66 5.0 23.2 43.2#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.77 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.013 min
Lab File: VU043733.D
Acq: 14 May 2021 05:01

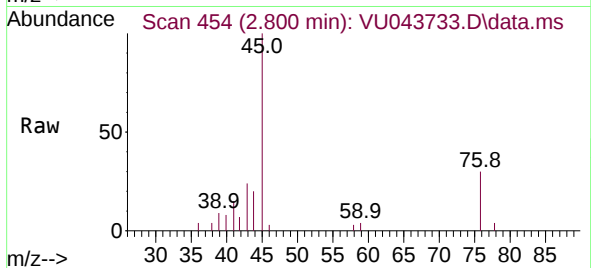
Tgt Ion:101 Resp: 2144
Ion Ratio Lower Upper
101 100
85 0.0 34.2 51.4#
151 0.0 60.4 90.6#



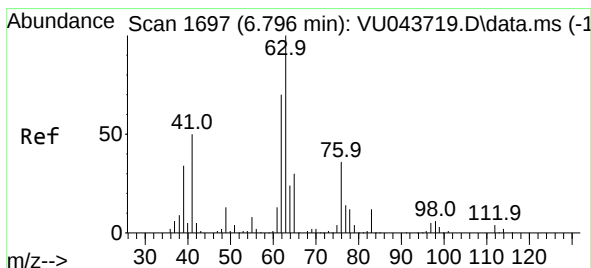
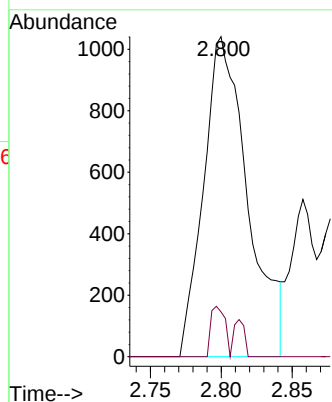
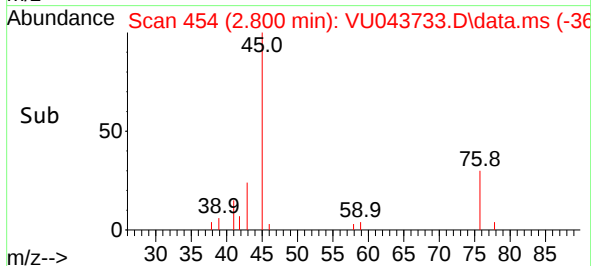


#14
Carbon disulfide
Concen: 0.26 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043733.D
Acq: 14 May 2021 05:01

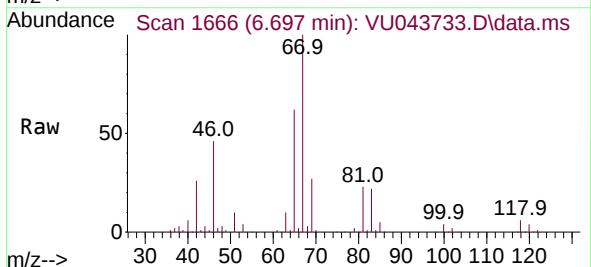
Instrument :
MSVOA_U
ClientSampled :



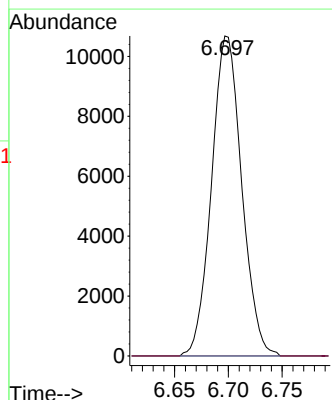
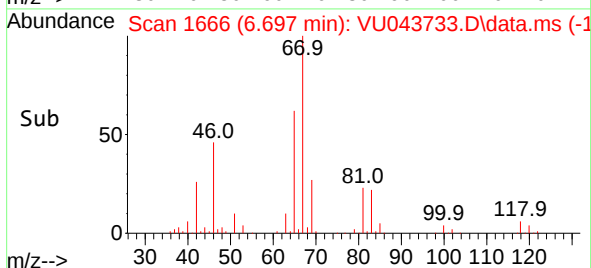
Tgt Ion: 76 Resp: 2259
Ion Ratio Lower Upper
76 100
78 14.0 7.1 10.7#

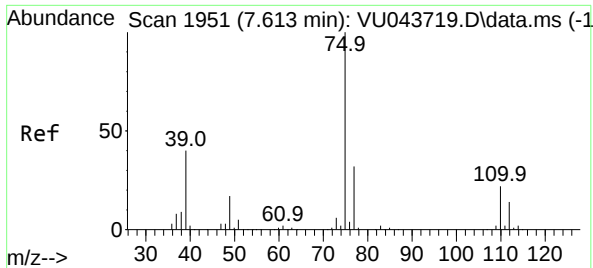


#37
1,2-Dichloropropane
Concen: 6.17 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU043733.D
Acq: 14 May 2021 05:01



Tgt Ion: 63 Resp: 20845
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

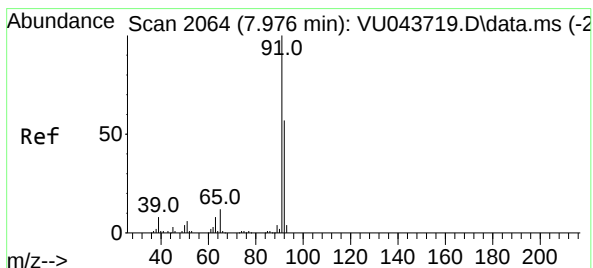
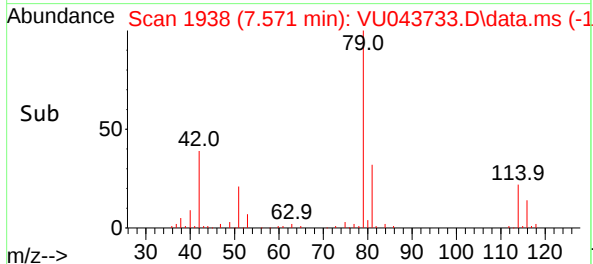
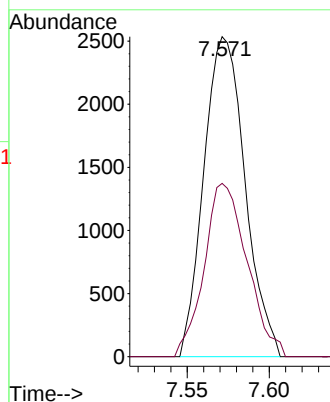
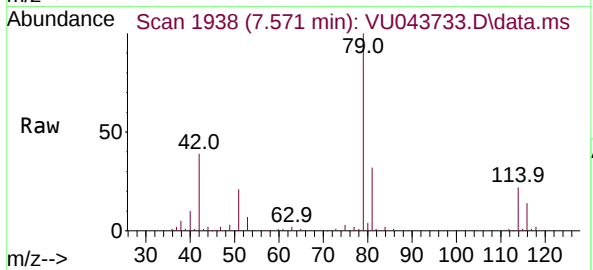




#39
 cis-1,3-Dichloropropene
 Concen: 0.96 ug/L
 RT: 7.571 min Scan# 1938
 Delta R.T. -0.042 min
 Lab File: VU043733.D
 Acq: 14 May 2021 05:01

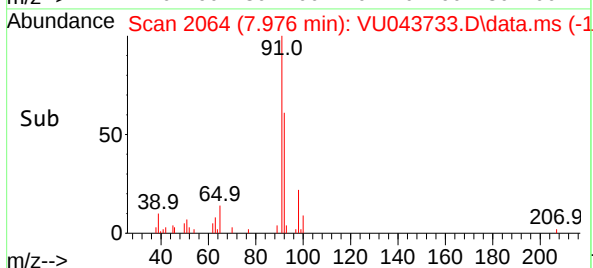
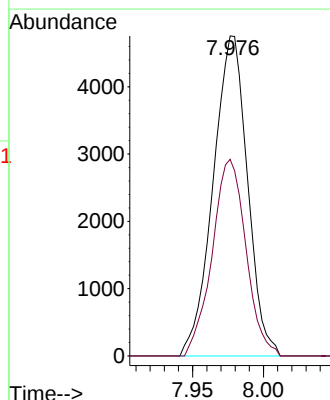
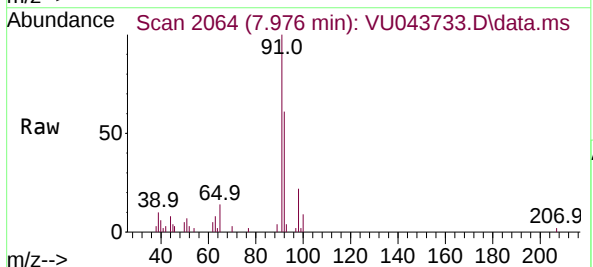
Instrument :
 MSVOA_U
 ClientSampled :

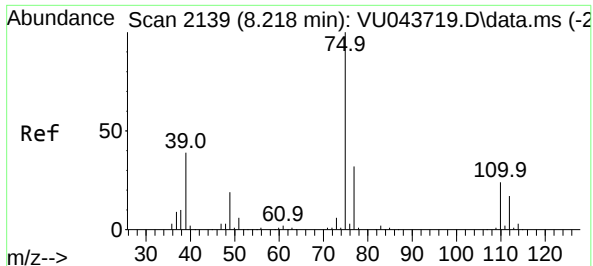
Tgt Ion: 75 Resp: 4426
 Ion Ratio Lower Upper
 75 100
 77 51.9 22.0 41.0#



#42
 Toluene
 Concen: 0.62 ug/L
 RT: 7.976 min Scan# 2064
 Delta R.T. 0.000 min
 Lab File: VU043733.D
 Acq: 14 May 2021 05:01

Tgt Ion: 91 Resp: 8023
 Ion Ratio Lower Upper
 91 100
 92 61.4 39.7 73.7

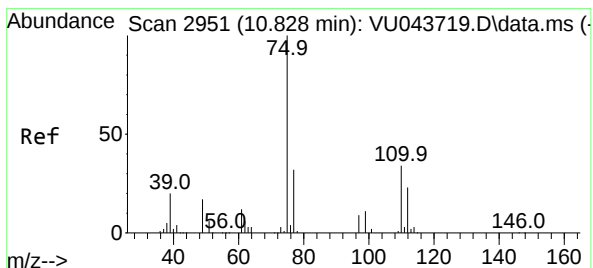
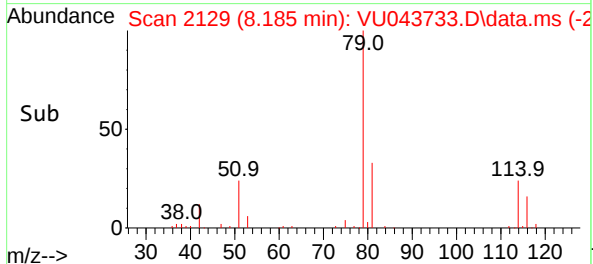
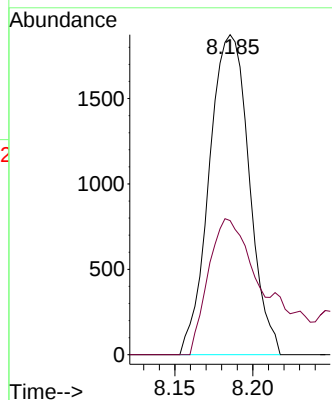
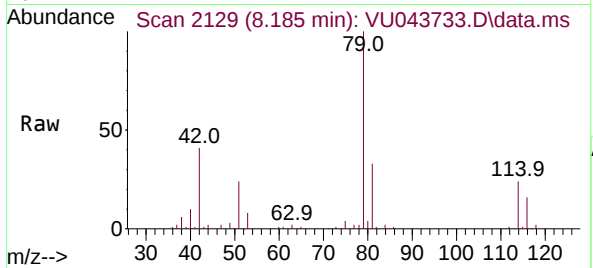




#44
trans-1,3-Dichloropropene
Concen: 0.77 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU043733.D
Acq: 14 May 2021 05:01

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 3336
Ion Ratio Lower Upper
75 100
77 41.9 22.4 41.6#



#60
1,2,3-Trichloropropane
Concen: 4.97 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU043733.D
Acq: 14 May 2021 05:01

Tgt Ion: 75 Resp: 18867
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6
110 1.0 28.9 43.3#

