

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031921\
 Data File : VU042738.D
 Acq On : 19 Mar 2021 22:50
 Operator : SY/MD
 Sample : M1743-12MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZE1MSD

Quant Time: Mar 20 06:46:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 20 06:44:19 2021
 Response via : Initial Calibration

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

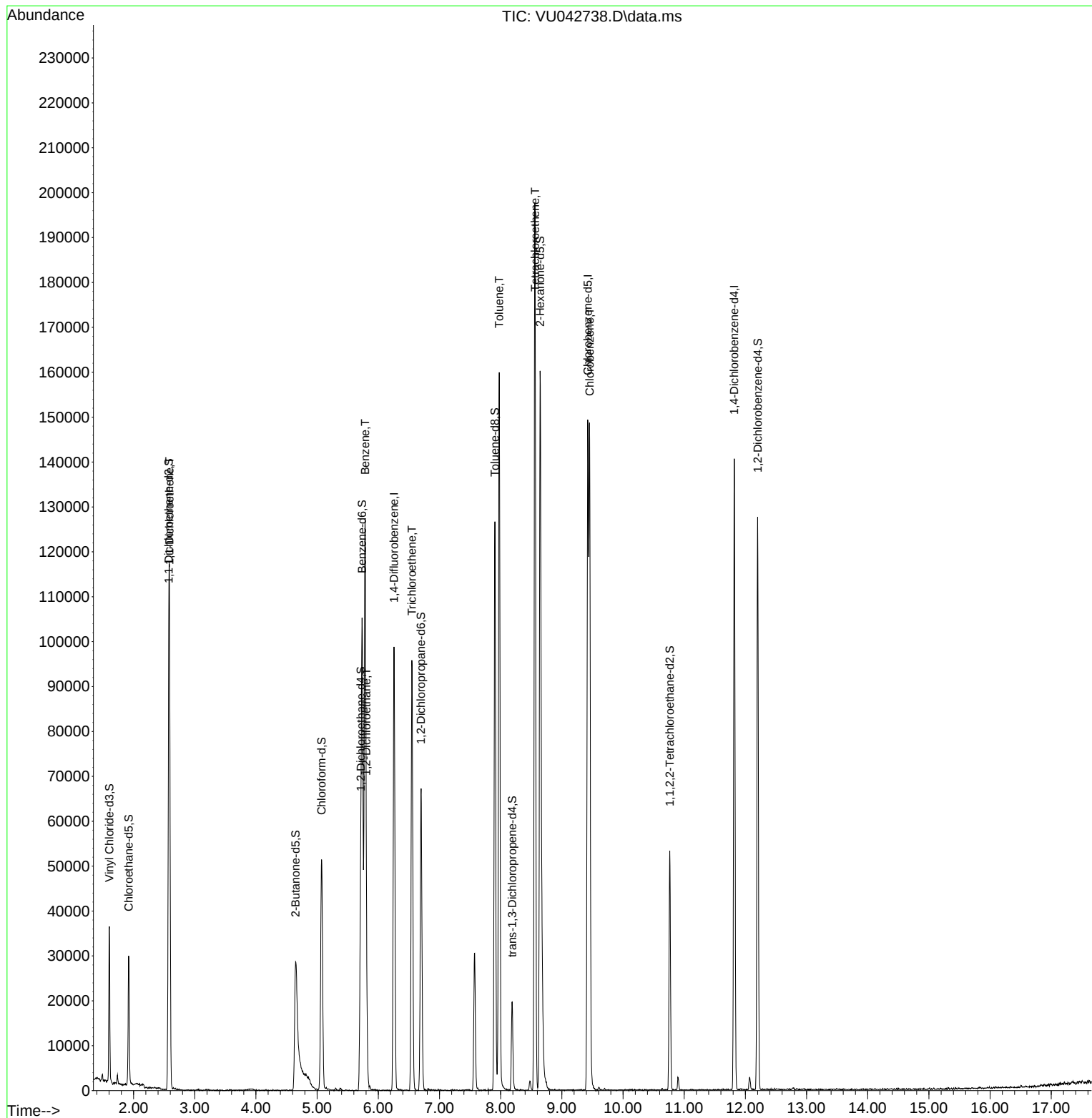
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	75061	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	76246	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	35328	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23174	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.919	69	19760	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.575	63	53630	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	4.649	46	69024	42.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.02%
24) Chloroform-d	5.073	84	46583	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.713	65	29977	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.735	84	85676	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.700	67	28518	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.906	98	78468	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloroprop...	8.189	79	10453	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.645	63	61944	45.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.84%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	25205	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	30708	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.588	96	23473	4.44	ug/L	81
27) 1,2-Dichloroethane	5.803	62	18361	2.17	ug/L	96
33) Benzene	5.784	78	104023	4.36	ug/L	100
34) Trichloroethene	6.549	95	30763	4.65	ug/L	97
42) Toluene	7.976	91	112034	4.31	ug/L	95
47) Tetrachloroethene	8.562	164	41742	7.74	ug/L	99
51) Chlorobenzene	9.455	112	70194	4.22	ug/L	98

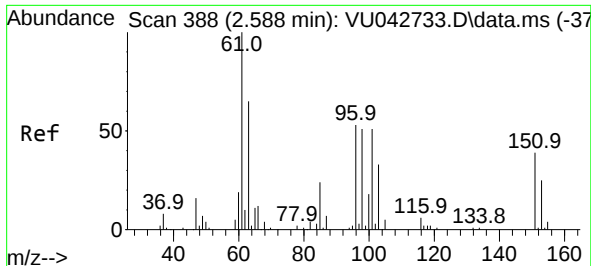
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.44 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU042738.D

Acq: 19 Mar 2021 22:50

Tgt Ion: 96 Resp: 23473

Ion Ratio Lower Upper

96 100

61 203.6 126.2 234.4

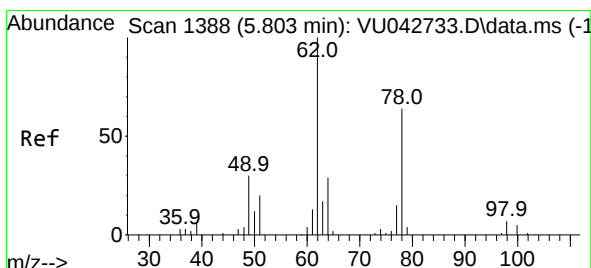
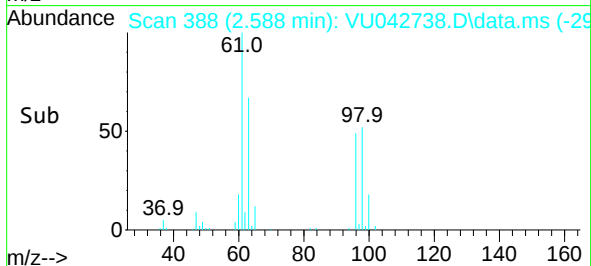
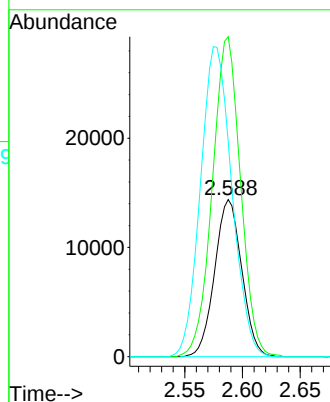
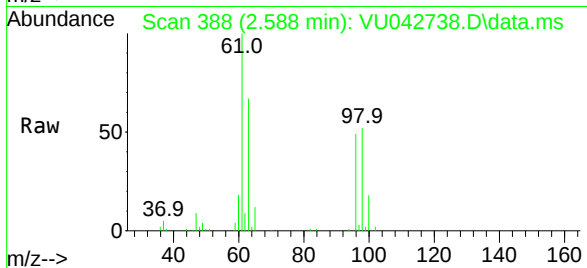
63 136.9 77.8 144.4

Instrument :

MSVOA_U

ClientSampleId :

ETZE1MSD



#27

1,2-Dichloroethane

Concen: 2.17 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VU042738.D

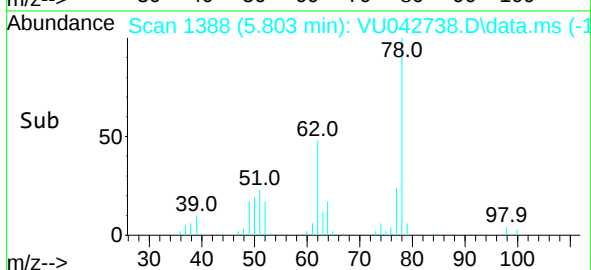
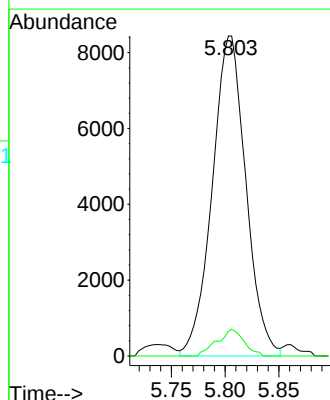
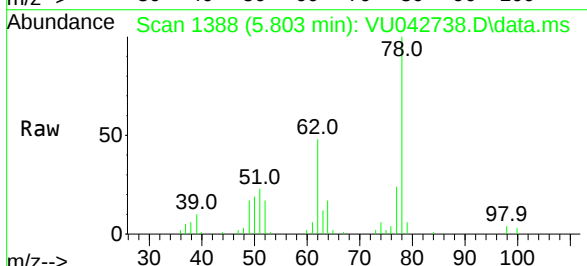
Acq: 19 Mar 2021 22:50

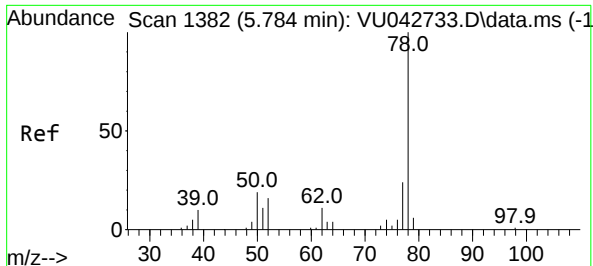
Tgt Ion: 62 Resp: 18361

Ion Ratio Lower Upper

62 100

98 7.7 7.3 10.9





#33

Benzene

Concen: 4.36 ug/L

RT: 5.784 min Scan# 1382

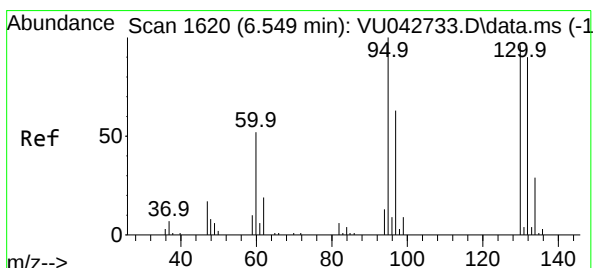
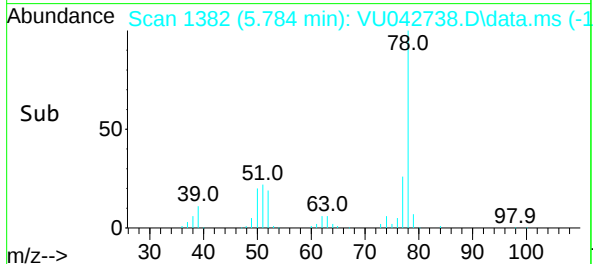
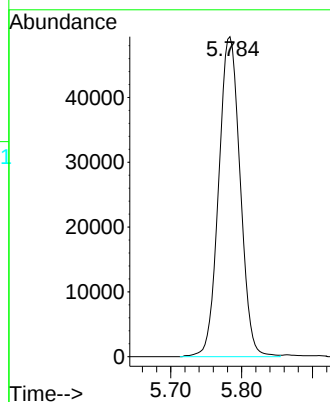
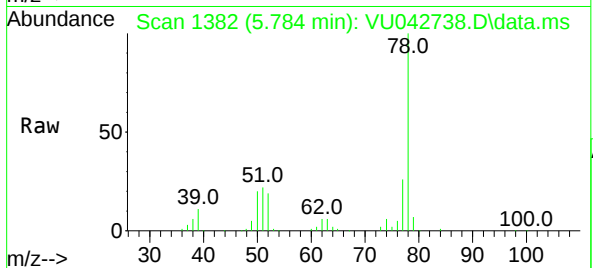
Delta R.T. 0.000 min

Lab File: VU042738.D

Acq: 19 Mar 2021 22:50

Tgt Ion: 78 Resp: 104023

Instrument :
MSVOA_U
ClientSampleId :
ETZE1MSD



#34

Trichloroethene

Concen: 4.65 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU042738.D

Acq: 19 Mar 2021 22:50

Tgt Ion: 95 Resp: 30763

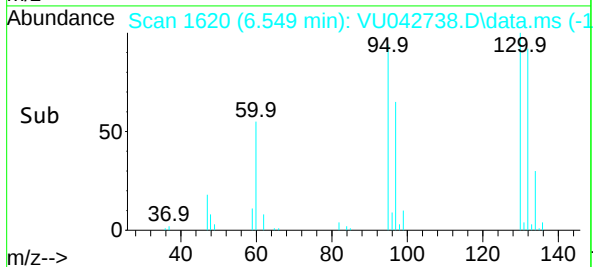
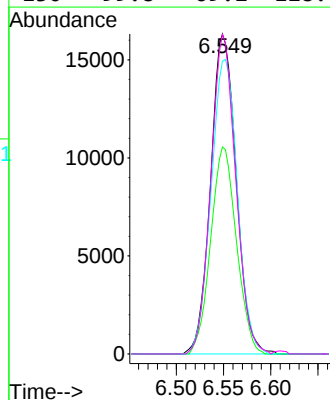
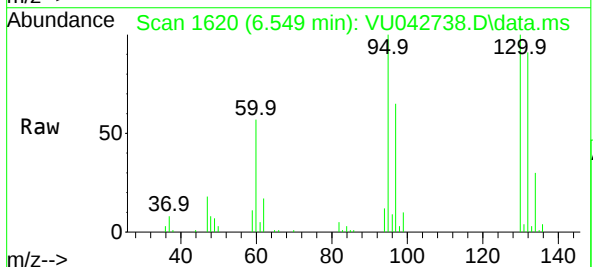
Ion Ratio Lower Upper

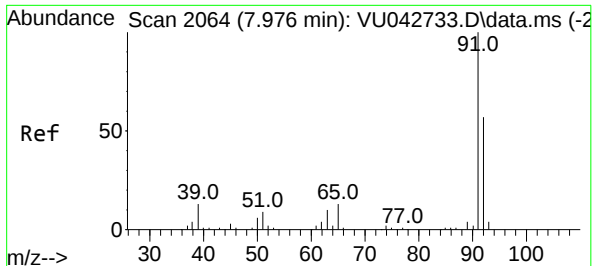
95 100

97 64.7 44.4 82.4

132 91.5 68.0 126.4

130 99.8 69.2 128.4

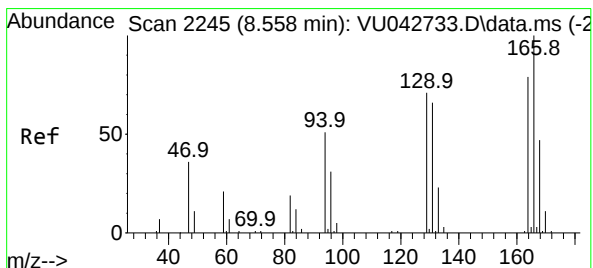
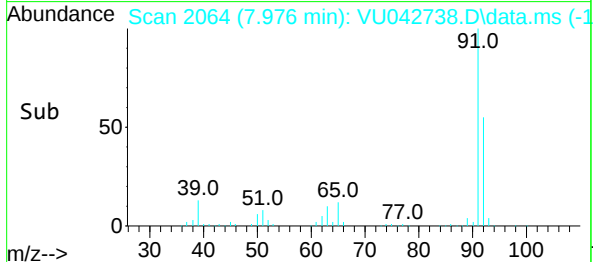
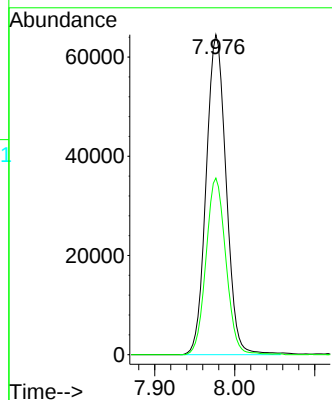
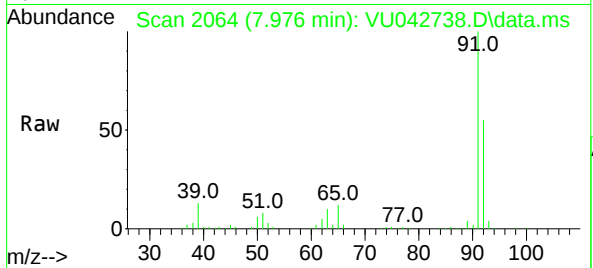




#42
Toluene
Concen: 4.31 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU042738.D
Acq: 19 Mar 2021 22:50

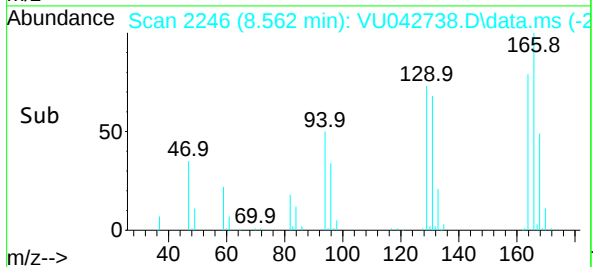
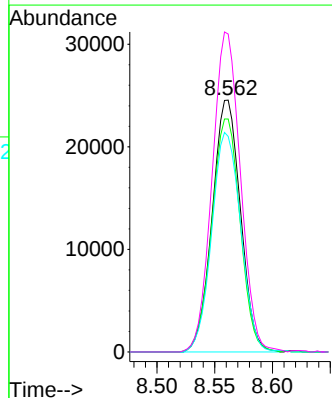
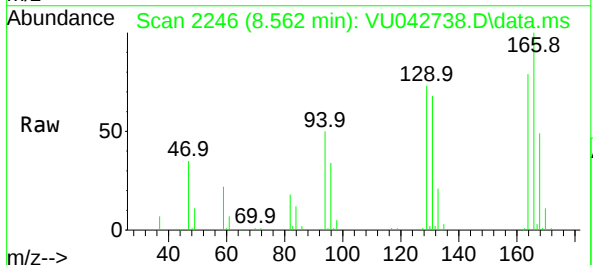
Instrument :
MSVOA_U
ClientSampleId :
ETZE1MSD

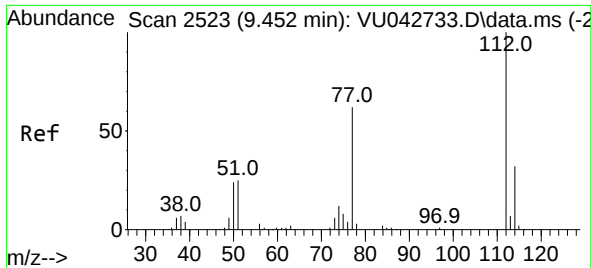
Tgt Ion: 91 Resp: 112034
Ion Ratio Lower Upper
91 100
92 55.2 41.2 76.6



#47
Tetrachloroethene
Concen: 7.74 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU042738.D
Acq: 19 Mar 2021 22:50

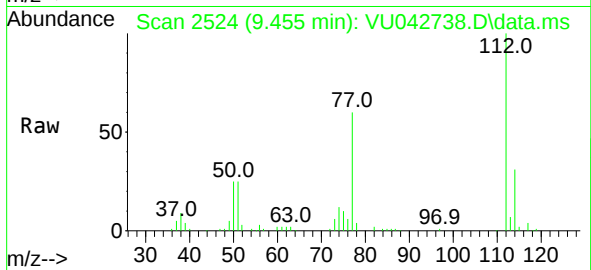
Tgt Ion: 164 Resp: 41742
Ion Ratio Lower Upper
164 100
129 92.5 64.3 119.5
131 85.6 62.2 115.6
166 126.2 88.6 164.6





#51
Chlorobenzene
Concen: 4.22 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU042738.D
Acq: 19 Mar 2021 22:50

Instrument :
MSVOA_U
ClientSampleId :
ETZE1MSD



Tgt Ion:	112	Resp:	70194
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.0	41.0
77	59.9	49.8	74.6

