

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043944.D
 Acq On : 25 May 2021 05:59
 Operator : SY/MD
 Sample : M2464-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB454

Quant Time: May 25 07:49:05 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

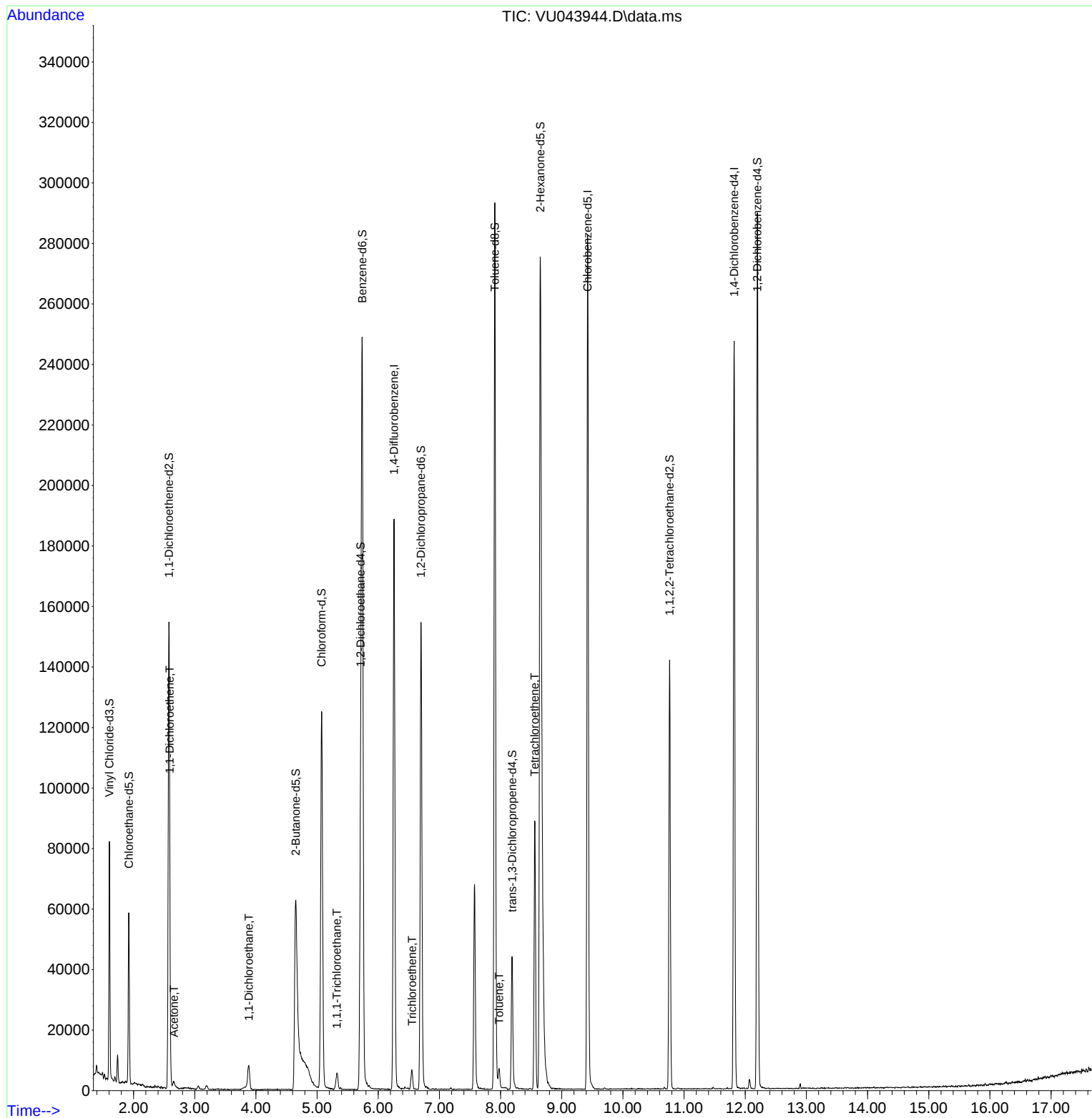
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	163356	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	173858	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	72993	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	56161	6.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.60%
7) Chloroethane-d5	1.922	69	41389	6.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.20%
11) 1,1-Dichloroethene-d2	2.578	65	26360	5.96	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	119.20%
20) 2-Butanone-d5	4.652	46	129219	44.82	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.64%
24) Chloroform-d	5.073	84	119941	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
26) 1,2-Dichloroethane-d4	5.713	65	64386	5.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.80%
32) Benzene-d6	5.739	84	245977	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.700	67	79226	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	7.906	98	203205	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloroprop...	8.189	79	26853	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.648	63	131766	56.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.14%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72688	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
66) 1,2-Dichlorobenzene-d4	12.198	152	84107	6.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.80%#
Target Compounds						
12) 1,1-Dichloroethene	2.591	96	11498	1.09	ug/L	# 1
13) Acetone	2.661	43	3700	2.43	ug/L	94
19) 1,1-Dichloroethane	3.883	63	9880	0.52	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	4670	0.26	ug/L	92
34) Trichloroethene	6.552	95	2194	0.18	ug/L	91
42) Toluene	7.976	91	4827	0.10	ug/L	81
47) Tetrachloroethene	8.558	164	22087	2.09	ug/L	93

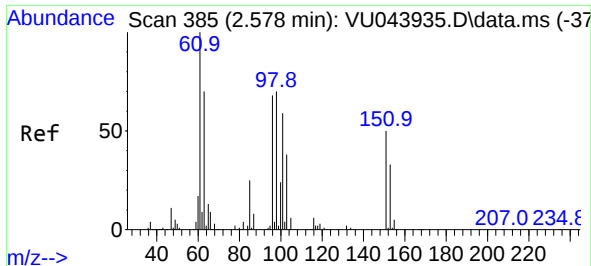
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.09 ug/L

RT: 2.591 min Scan# 389

Delta R.T. 0.013 min

Lab File: VU043944.D

Acq: 25 May 2021 05:59

Instrument :

MSVOA_U

ClientSampleId :

GB454

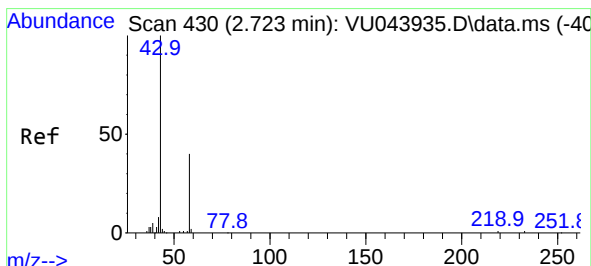
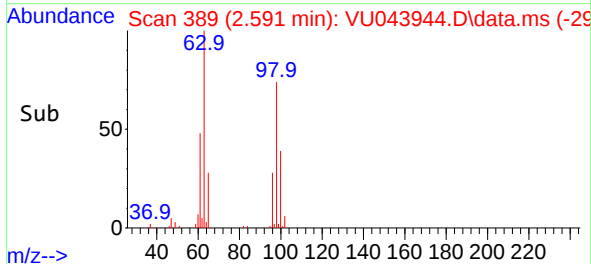
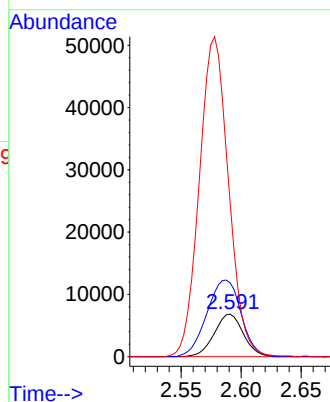
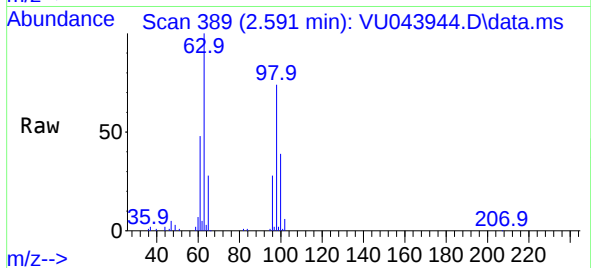
Tgt Ion: 96 Resp: 11498

Ion Ratio Lower Upper

96 100

61 174.0 105.1 195.3

63 362.7 66.6 123.6#



#13

Acetone

Concen: 2.43 ug/L

RT: 2.661 min Scan# 411

Delta R.T. -0.061 min

Lab File: VU043944.D

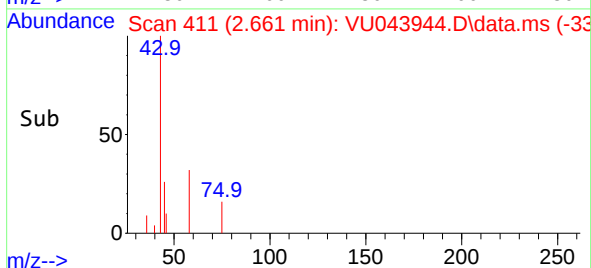
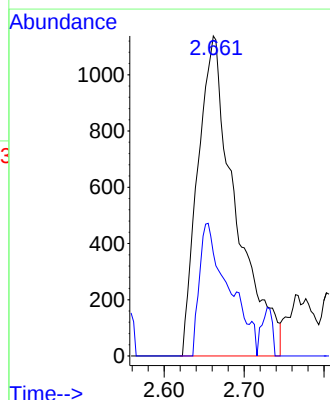
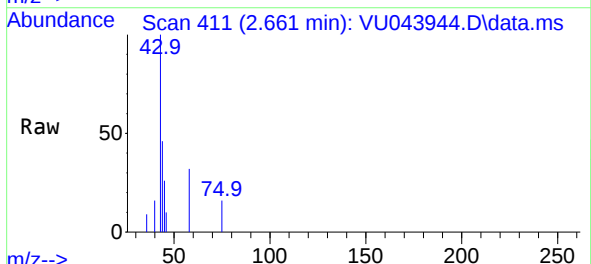
Acq: 25 May 2021 05:59

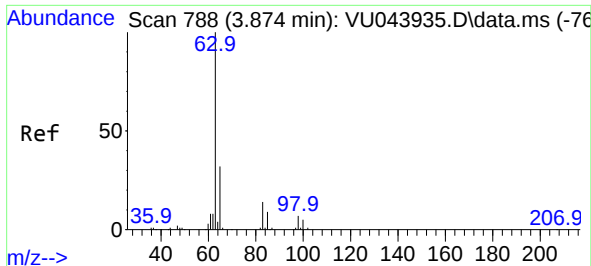
Tgt Ion: 43 Resp: 3700

Ion Ratio Lower Upper

43 100

58 25.9 0.0 46.2



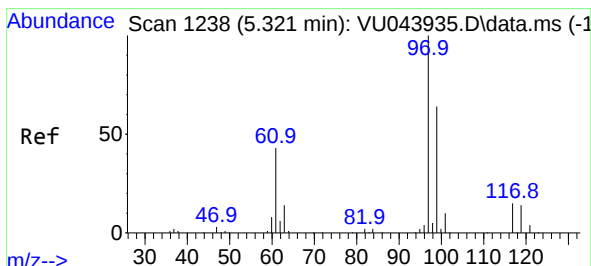
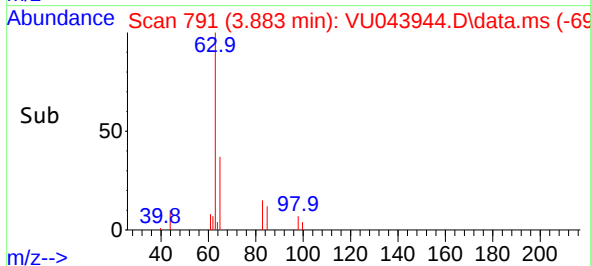
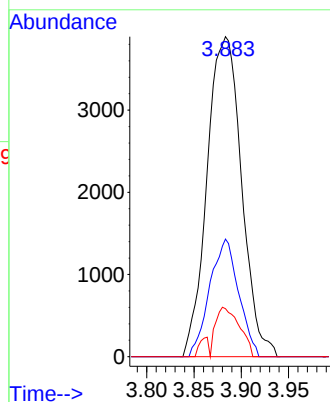
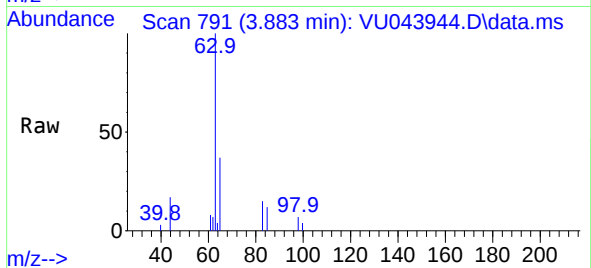


#19
1,1-Dichloroethane
Concen: 0.52 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.010 min
Lab File: VU043944.D
Acq: 25 May 2021 05:59

Instrument :
MSVOA_U
ClientSampleId :
GB454

Tgt Ion: 63 Resp: 9880

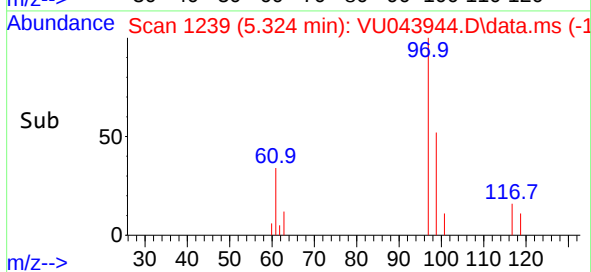
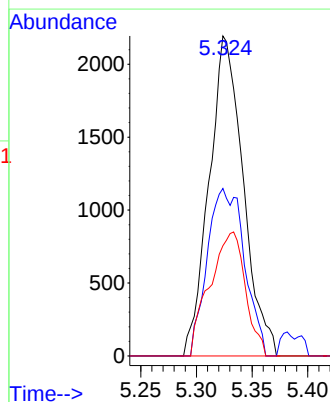
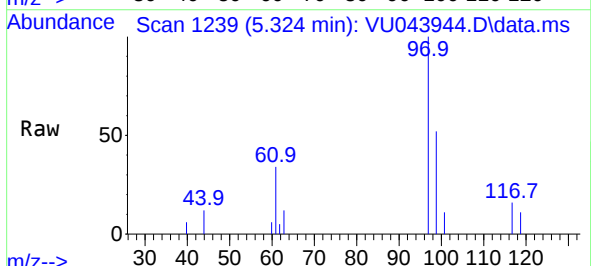
Ion	Ratio	Lower	Upper
63	100		
65	35.4	23.2	43.2
83	14.4	9.7	18.1

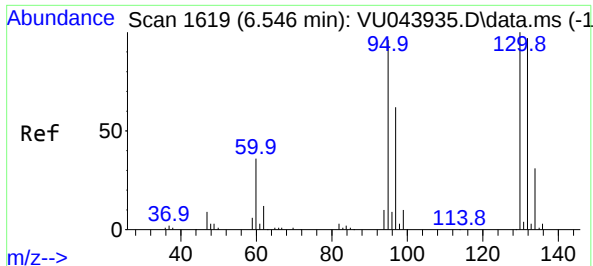


#29
1,1,1-Trichloroethane
Concen: 0.26 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.003 min
Lab File: VU043944.D
Acq: 25 May 2021 05:59

Tgt Ion: 97 Resp: 4670

Ion	Ratio	Lower	Upper
97	100		
99	57.0	51.9	77.9
61	40.4	34.7	52.1





#34

Trichloroethene

Concen: 0.18 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VU043944.D

Acq: 25 May 2021 05:59

Tgt Ion: 95 Resp: 2194

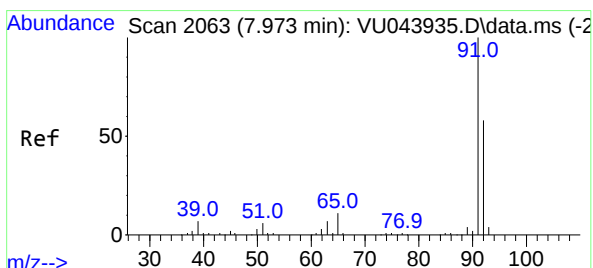
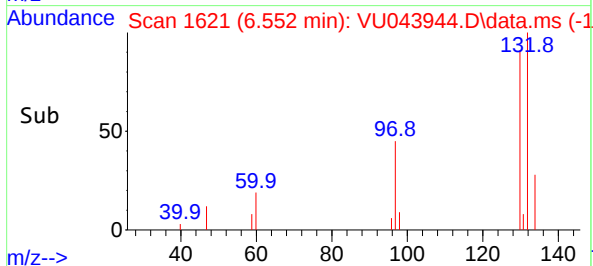
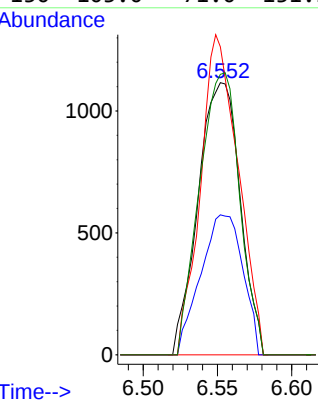
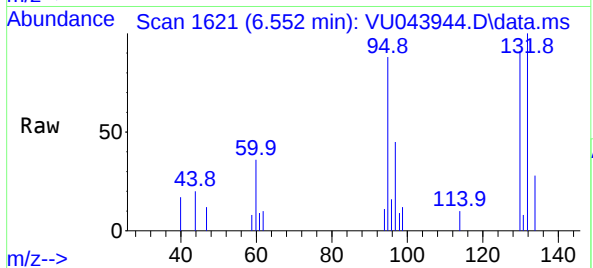
Ion Ratio Lower Upper

95 100

97 51.4 45.5 84.5

132 113.2 70.9 131.7

130 103.0 71.0 131.9



#42

Toluene

Concen: 0.10 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.003 min

Lab File: VU043944.D

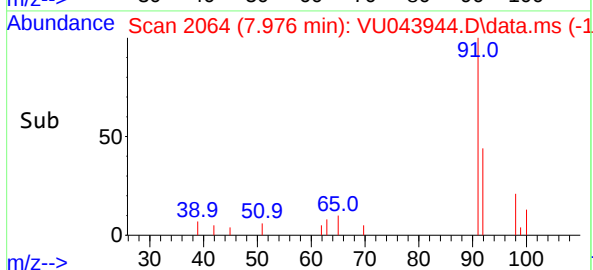
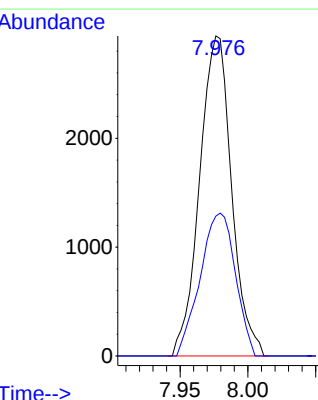
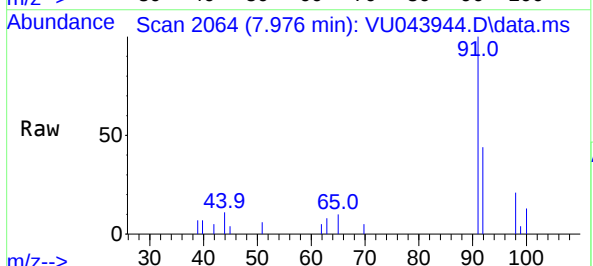
Acq: 25 May 2021 05:59

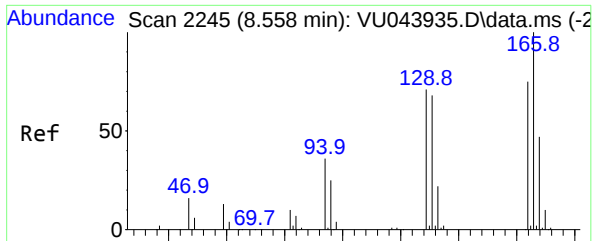
Tgt Ion: 91 Resp: 4827

Ion Ratio Lower Upper

91 100

92 43.7 40.5 75.1





#47
Tetrachloroethene
Concen: 2.09 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU043944.D
Acq: 25 May 2021 05:59

Instrument :
MSVOA_U
ClientSampleId :
GB454

Tgt Ion:164 Resp: 22087

Ion	Ratio	Lower	Upper
164	100		
129	85.1	64.1	119.1
131	83.6	64.5	119.9
166	123.5	90.8	168.6

