

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051191.D
 Acq On : 06 Oct 2022 23:16
 Operator : JC/MD
 Sample : N4893-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J63

Quant Time: Oct 07 06:28:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

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

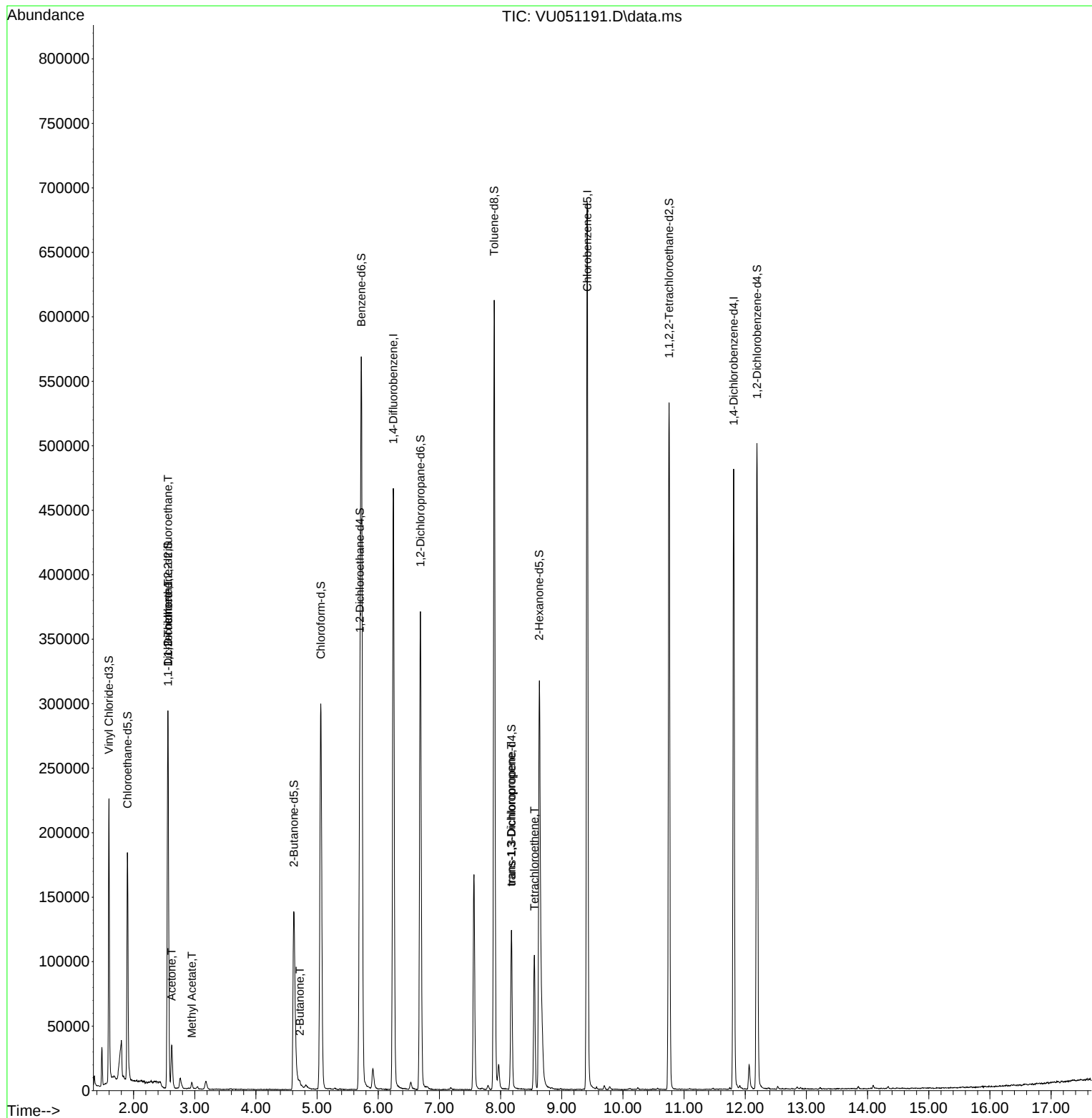
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	371581	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	389606	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	127108	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	151135	40.134	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.260%		
7) Chloroethane-d5	1.899	69	132847	37.977	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.960%		
11) 1,1-Dichloroethene-d2	2.562	63	173826	31.249	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.500%		
21) 2-Butanone-d5	4.620	46	194826	79.767	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.770%		
24) Chloroform-d	5.060	84	267384	44.071	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.140%		
26) 1,2-Dichloroethane-d4	5.700	65	173525	46.207	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.420%		
32) Benzene-d6	5.726	84	521319	45.693	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.380%		
36) 1,2-Dichloropropane-d6	6.690	67	183018	49.435	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.880%		
41) Toluene-d8	7.896	98	411809	39.067	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.140%#		
43) trans-1,3-Dichloroprop...	8.179	79	65333	36.999	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.000%		
47) 2-Hexanone-d5	8.632	63	87486	58.524	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	58.520%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	270567	41.817	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.640%		
66) 1,2-Dichlorobenzene-d4	12.192	152	134424	49.505	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.000%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1857	0.655	ug/L #	23
12) 1,1-Dichloroethene	2.565	96	1373	0.518	ug/L #	1
13) Acetone	2.623	43	36362	18.644	ug/L	93
15) Methyl Acetate	2.951	43	6107	1.715	ug/L	94
22) 2-Butanone	4.716	43	4121	1.529	ug/L	83
44) trans-1,3-Dichloropropene	8.176	75	3023	0.660	ug/L #	64
46) Tetrachloroethene	8.552	164	23900	10.251	ug/L	97

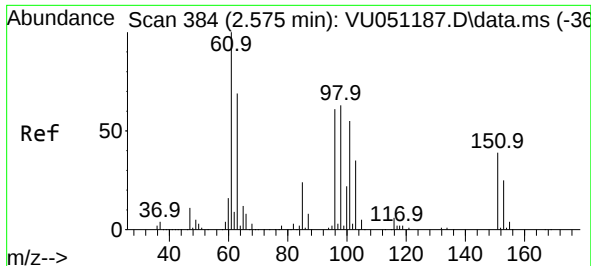
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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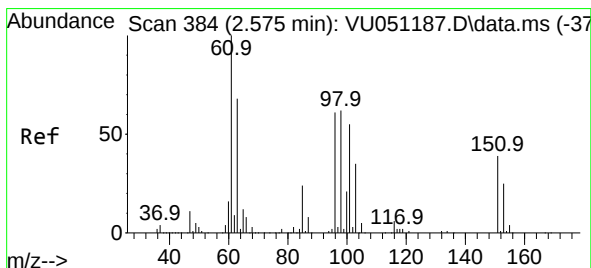
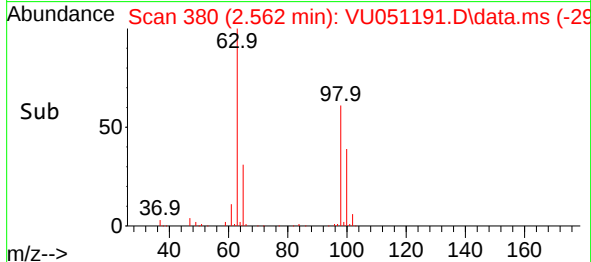
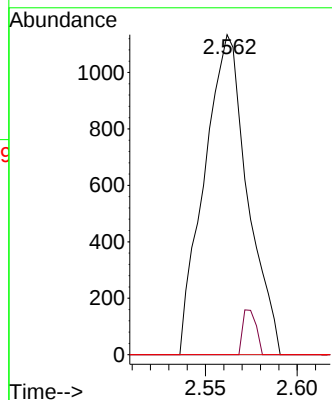
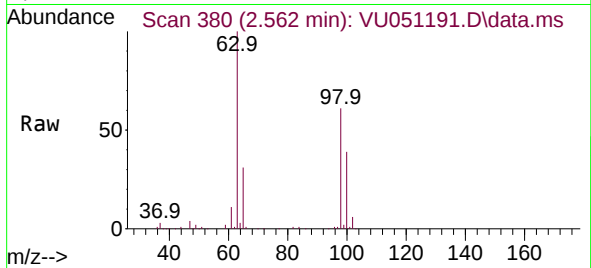




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.655 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU051191.D
Acq: 06 Oct 2022 23:16

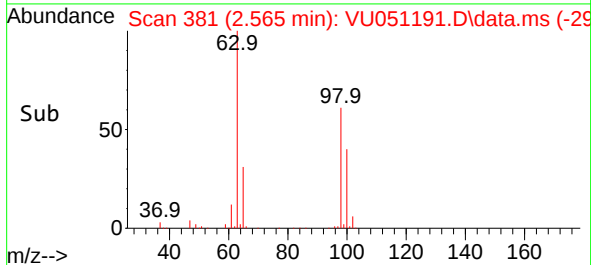
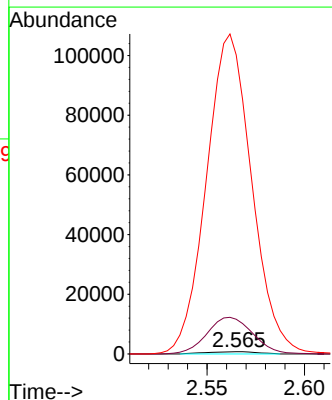
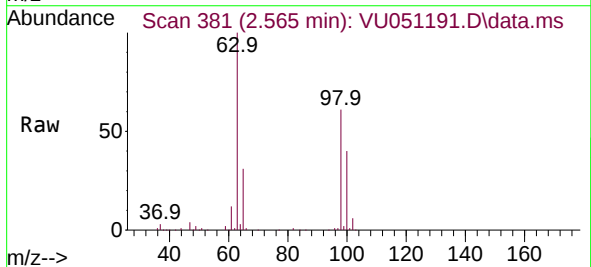
Instrument :
MSVOA_U
ClientSampleId :
F5J63

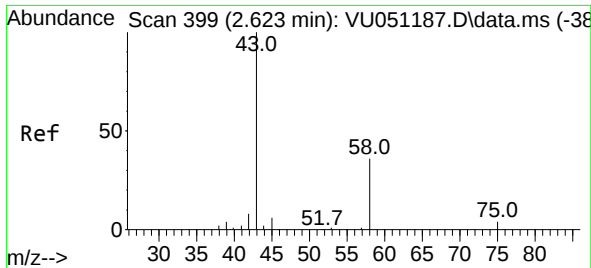
Tgt Ion:101 Resp: 1857
Ion Ratio Lower Upper
101 100
85 4.4 34.6 52.0#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.518 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU051191.D
Acq: 06 Oct 2022 23:16

Tgt Ion: 96 Resp: 1373
Ion Ratio Lower Upper
96 100
61 1511.8 113.0 209.9#
63 13030.9 91.7 170.3#





#13

Acetone

Concen: 18.644 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU051191.D

Acq: 06 Oct 2022 23:16

Instrument :

MSVOA_U

ClientSampleId :

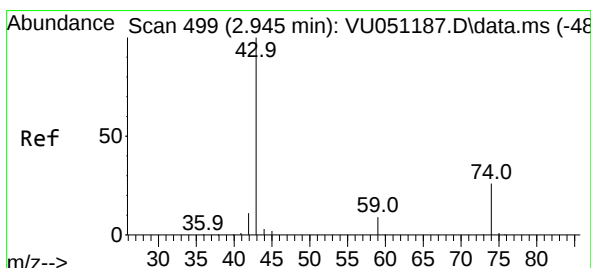
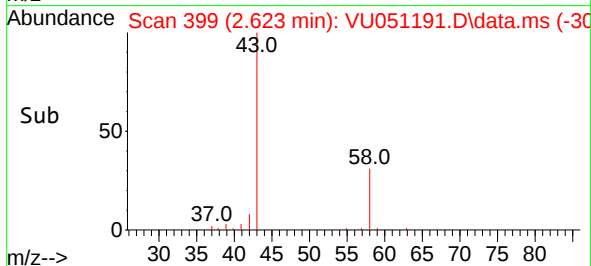
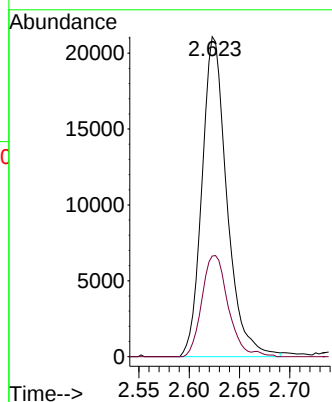
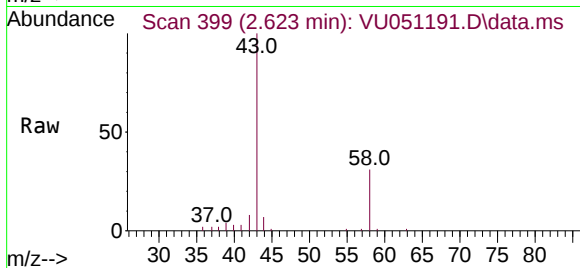
F5J63

Tgt Ion: 43 Resp: 36362

Ion Ratio Lower Upper

43 100

58 32.7 0.0 73.6



#15

Methyl Acetate

Concen: 1.715 ug/L

RT: 2.951 min Scan# 501

Delta R.T. 0.006 min

Lab File: VU051191.D

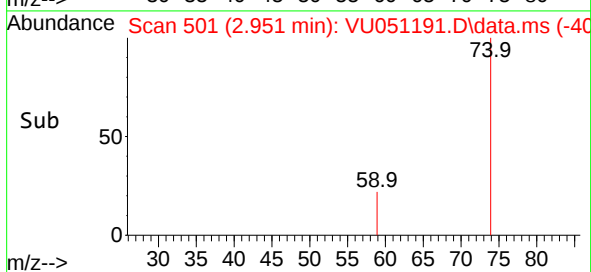
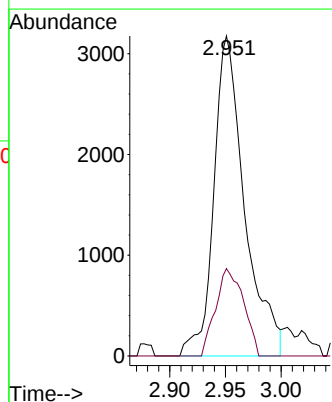
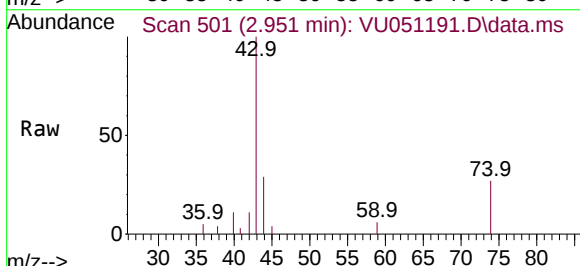
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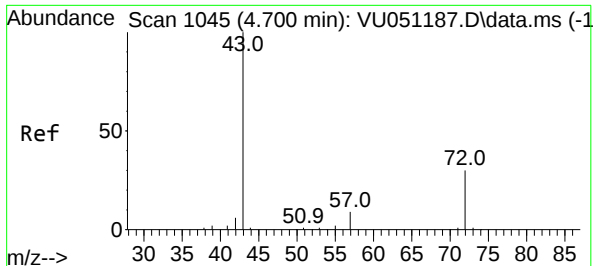
Tgt Ion: 43 Resp: 6107

Ion Ratio Lower Upper

43 100

74 24.6 22.4 33.6





#22

2-Butanone

Concen: 1.529 ug/L

RT: 4.716 min Scan# 1045

Delta R.T. 0.016 min

Lab File: VU051191.D

Acq: 06 Oct 2022 23:16

Instrument :

MSVOA_U

ClientSampleId :

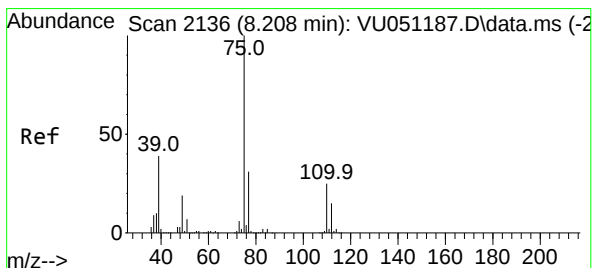
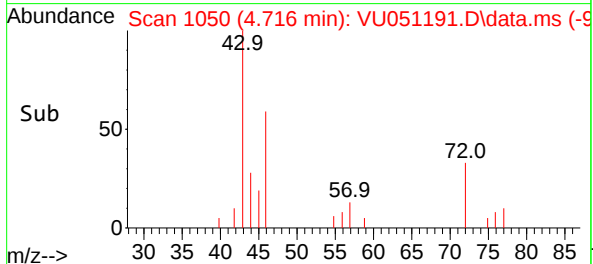
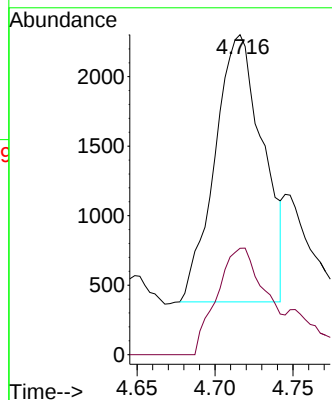
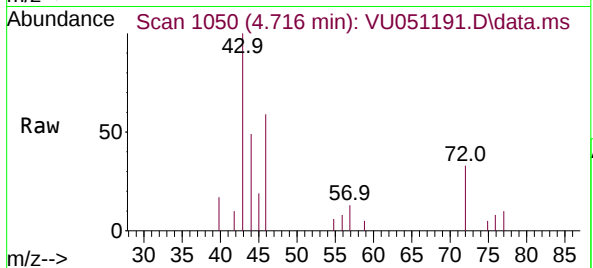
F5J63

Tgt Ion: 43 Resp: 4121

Ion Ratio Lower Upper

43 100

72 41.0 15.8 47.4



#44

trans-1,3-Dichloropropene

Concen: 0.660 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.032 min

Lab File: VU051191.D

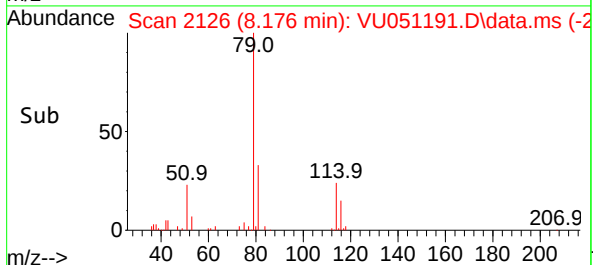
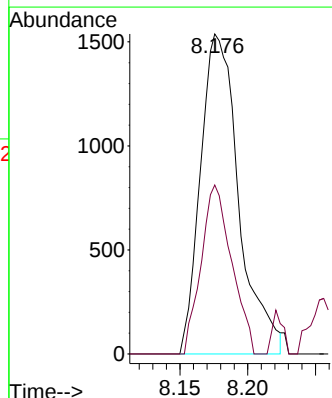
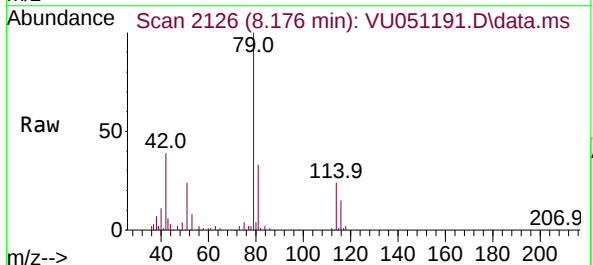
Acq: 06 Oct 2022 23:16

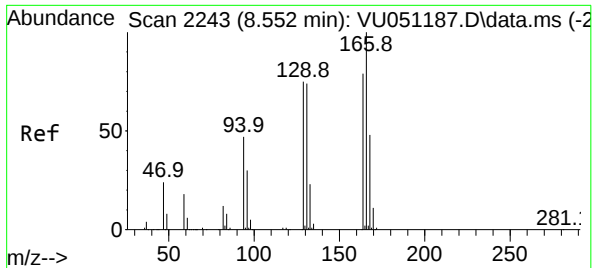
Tgt Ion: 75 Resp: 3023

Ion Ratio Lower Upper

75 100

77 52.8 22.7 42.3#





#46
Tetrachloroethene
Concen: 10.251 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051191.D
Acq: 06 Oct 2022 23:16

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	164	Resp:	23900
Ion	Ratio	Lower	Upper
164	100		
129	96.4	68.1	126.5
131	91.5	67.8	126.0
166	125.3	90.5	168.1

