

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051175.D
 Acq On : 06 Oct 2022 16:33
 Operator : JC/MD
 Sample : N4853-19DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B2DL

Quant Time: Oct 07 01:32:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 01:29:24 2022
 Response via : Initial Calibration

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

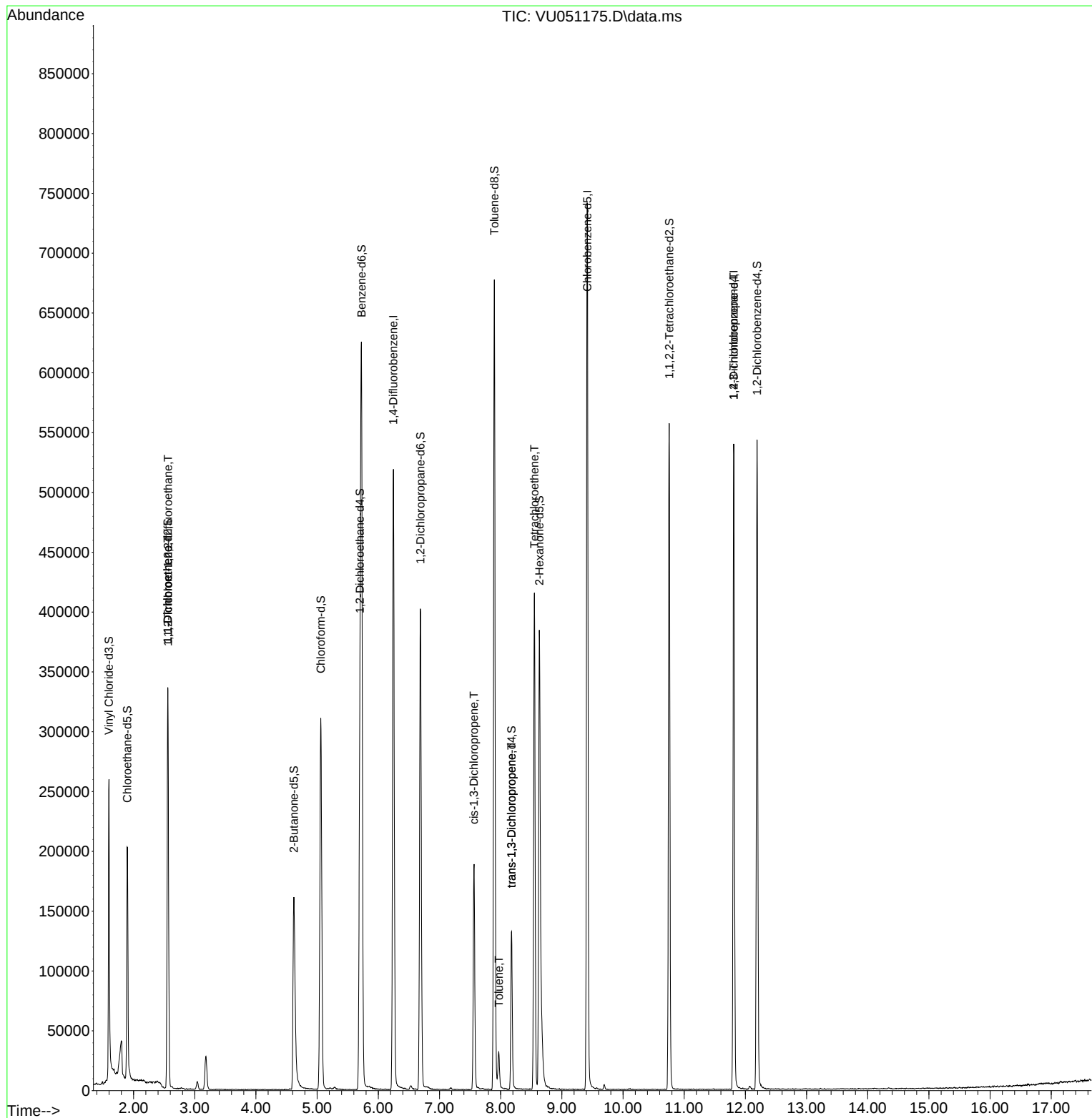
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	415271	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	419427	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	143397	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	176557	41.952	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.900%		
7) Chloroethane-d5	1.896	69	152823	39.091	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.180%		
11) 1,1-Dichloroethene-d2	2.559	63	199407	32.076	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.160%		
21) 2-Butanone-d5	4.620	46	217473	79.672	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.670%		
24) Chloroform-d	5.060	84	292980	43.209	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.420%		
26) 1,2-Dichloroethane-d4	5.700	65	190013	45.275	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.540%		
32) Benzene-d6	5.726	84	582617	47.435	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.880%		
36) 1,2-Dichloropropane-d6	6.687	67	194583	48.822	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.640%		
41) Toluene-d8	7.896	98	455293	40.121	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.240%		
43) trans-1,3-Dichloroprop...	8.176	79	73694	38.766	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.540%		
47) 2-Hexanone-d5	8.633	63	109512	68.050	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	68.050%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	288809	41.463	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.920%		
66) 1,2-Dichlorobenzene-d4	12.192	152	144799	47.268	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.540%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1835	0.579	ug/L #	20
12) 1,1-Dichloroethene	2.559	96	1503	0.508	ug/L #	1
39) cis-1,3-Dichloropropene	7.562	75	4596	0.942	ug/L #	72
42) Toluene	7.970	91	20725	1.524	ug/L	98
44) trans-1,3-Dichloropropene	8.176	75	3241	0.657	ug/L	84
46) Tetrachloroethene	8.552	164	92998	37.052	ug/L	97
60) 1,2,3-Trichloropropane	11.809	75	17527	4.645	ug/L #	68

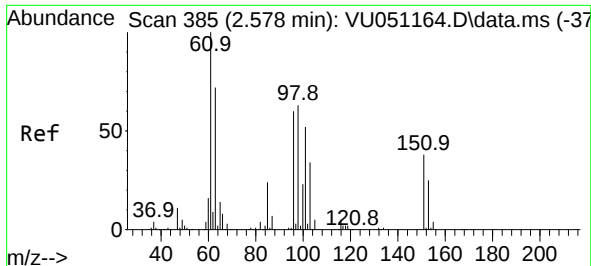
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
Data File : VU051175.D
Acq On : 06 Oct 2022 16:33
Operator : JC/MD
Sample : N4853-19DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EY1B2DL

Quant Time: Oct 07 01:32:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 07 01:29:24 2022
Response via : Initial Calibration

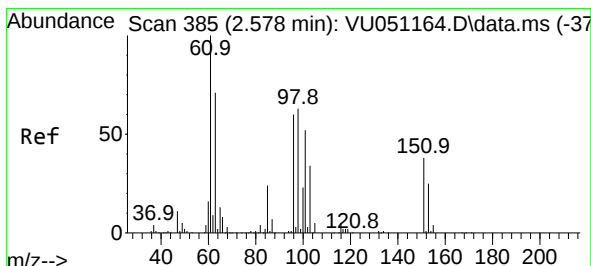
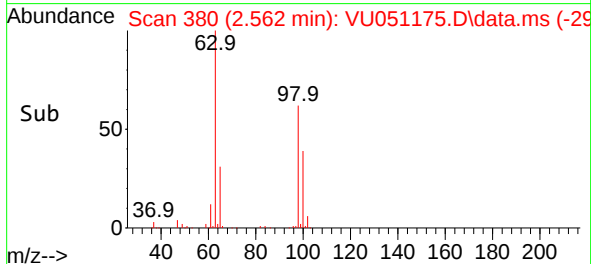
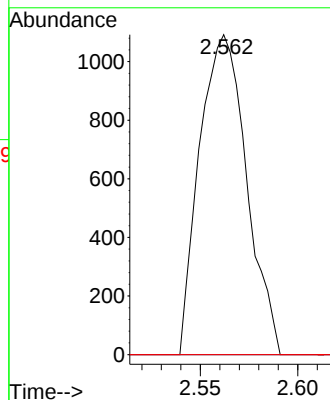
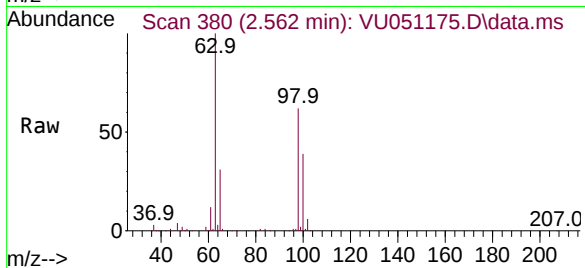




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.579 ug/L
 RT: 2.562 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU051175.D
 Acq: 06 Oct 2022 16:33

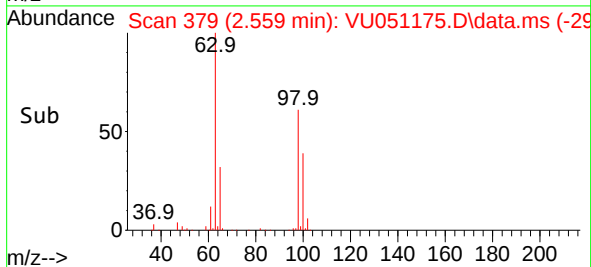
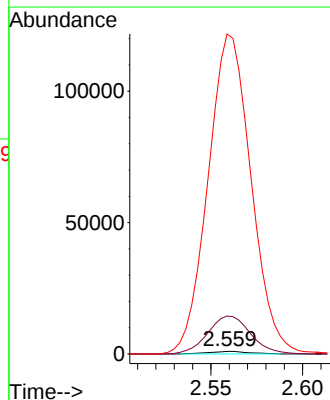
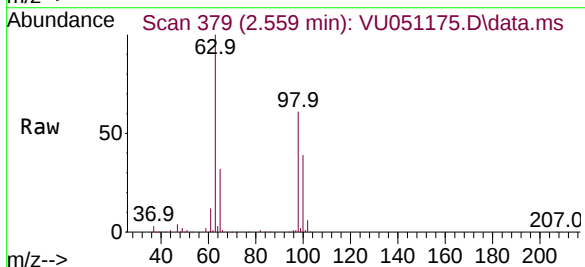
Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B2DL

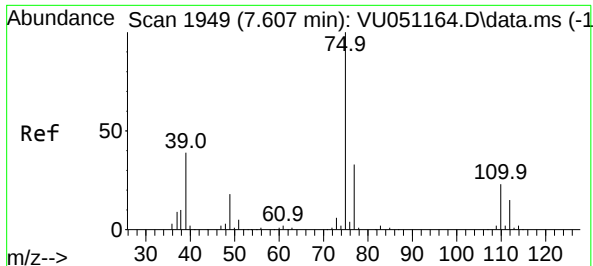
Tgt Ion:101 Resp: 1835
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.508 ug/L
 RT: 2.559 min Scan# 379
 Delta R.T. -0.019 min
 Lab File: VU051175.D
 Acq: 06 Oct 2022 16:33

Tgt Ion: 96 Resp: 1503
 Ion Ratio Lower Upper
 96 100
 61 1465.4 113.0 209.9#
 63 12351.3 91.7 170.3#





#39

cis-1,3-Dichloropropene

Concen: 0.942 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU051175.D

Acq: 06 Oct 2022 16:33

Instrument :

MSVOA_U

ClientSampleId :

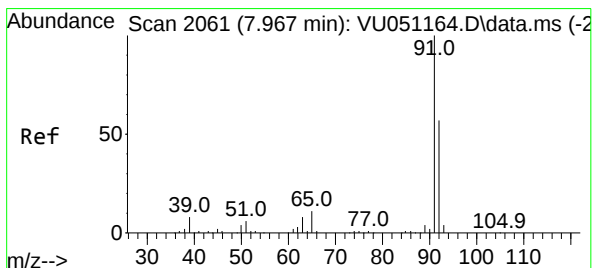
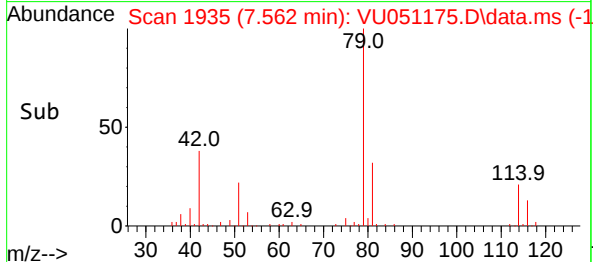
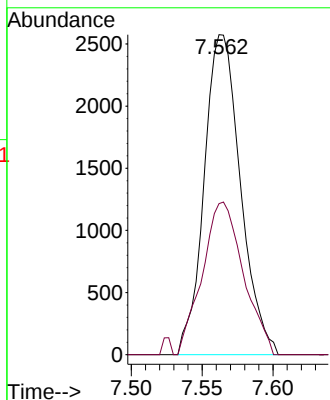
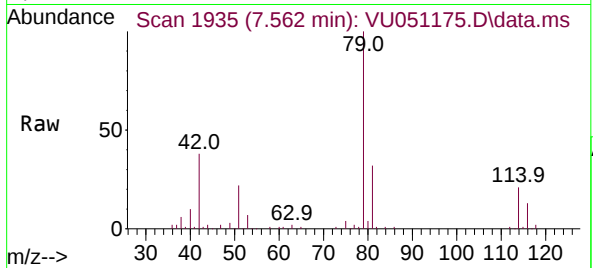
EY1B2DL

Tgt Ion: 75 Resp: 4596

Ion Ratio Lower Upper

75 100

77 47.2 22.0 41.0#



#42

Toluene

Concen: 1.524 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU051175.D

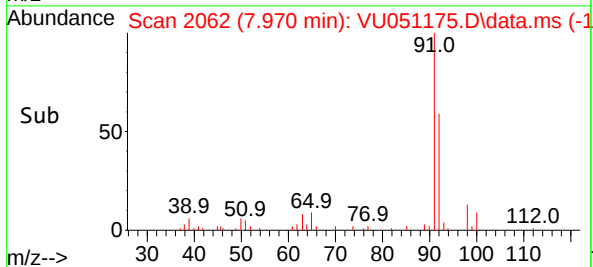
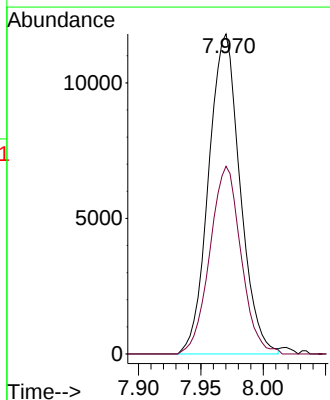
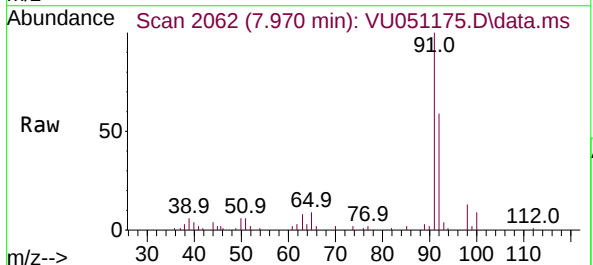
Acq: 06 Oct 2022 16:33

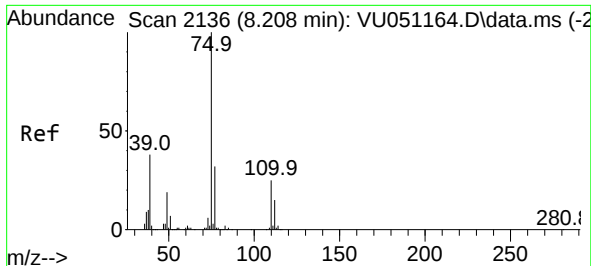
Tgt Ion: 91 Resp: 20725

Ion Ratio Lower Upper

91 100

92 58.6 40.1 74.5

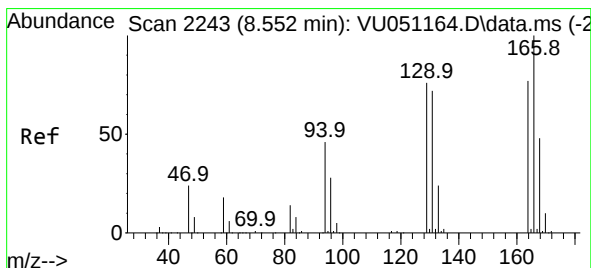
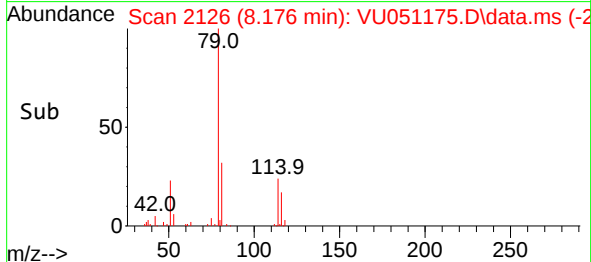
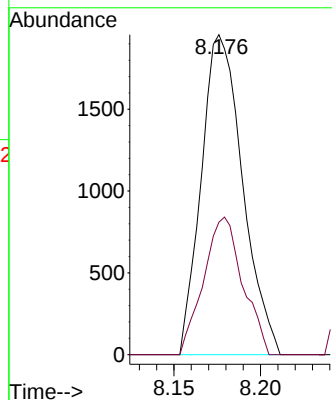
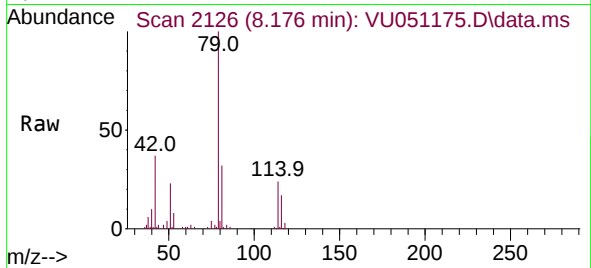




#44
trans-1,3-Dichloropropene
Concen: 0.657 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU051175.D
Acq: 06 Oct 2022 16:33

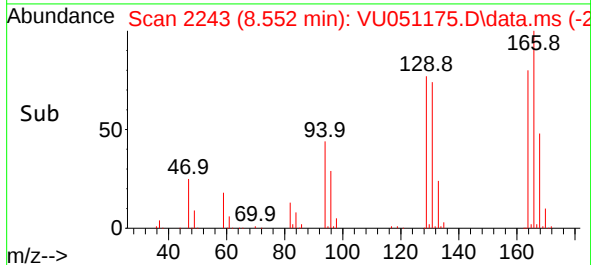
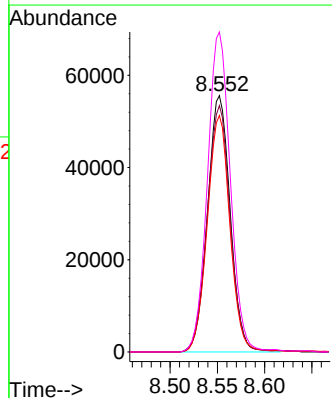
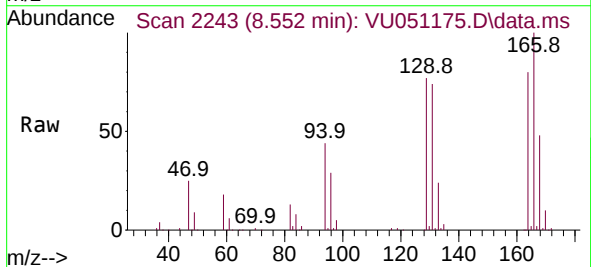
Instrument :
MSVOA_U
ClientSampleId :
EY1B2DL

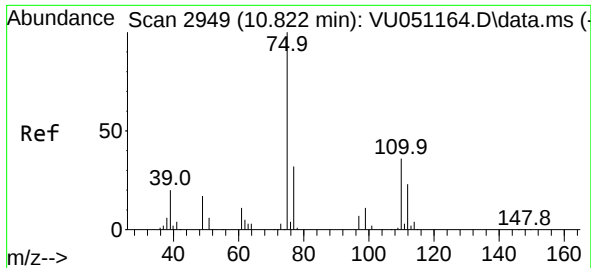
Tgt Ion: 75 Resp: 3241
Ion Ratio Lower Upper
75 100
77 41.4 22.7 42.3



#46
Tetrachloroethene
Concen: 37.052 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051175.D
Acq: 06 Oct 2022 16:33

Tgt Ion: 164 Resp: 92998
Ion Ratio Lower Upper
164 100
129 96.1 68.1 126.5
131 92.3 67.8 126.0
166 124.8 90.5 168.1





#60
 1,2,3-Trichloropropane
 Concen: 4.645 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051175.D
 Acq: 06 Oct 2022 16:33

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B2DL

Tgt Ion: 75 Resp: 17527
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.1 39.1
 110 2.1 30.0 45.0#

