

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053278.D
 Acq On : 17 Mar 2023 19:35
 Operator : JC/MD
 Sample : 01930-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFC4

Quant Time: Mar 18 01:54:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 01:49:30 2023
 Response via : Initial Calibration

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

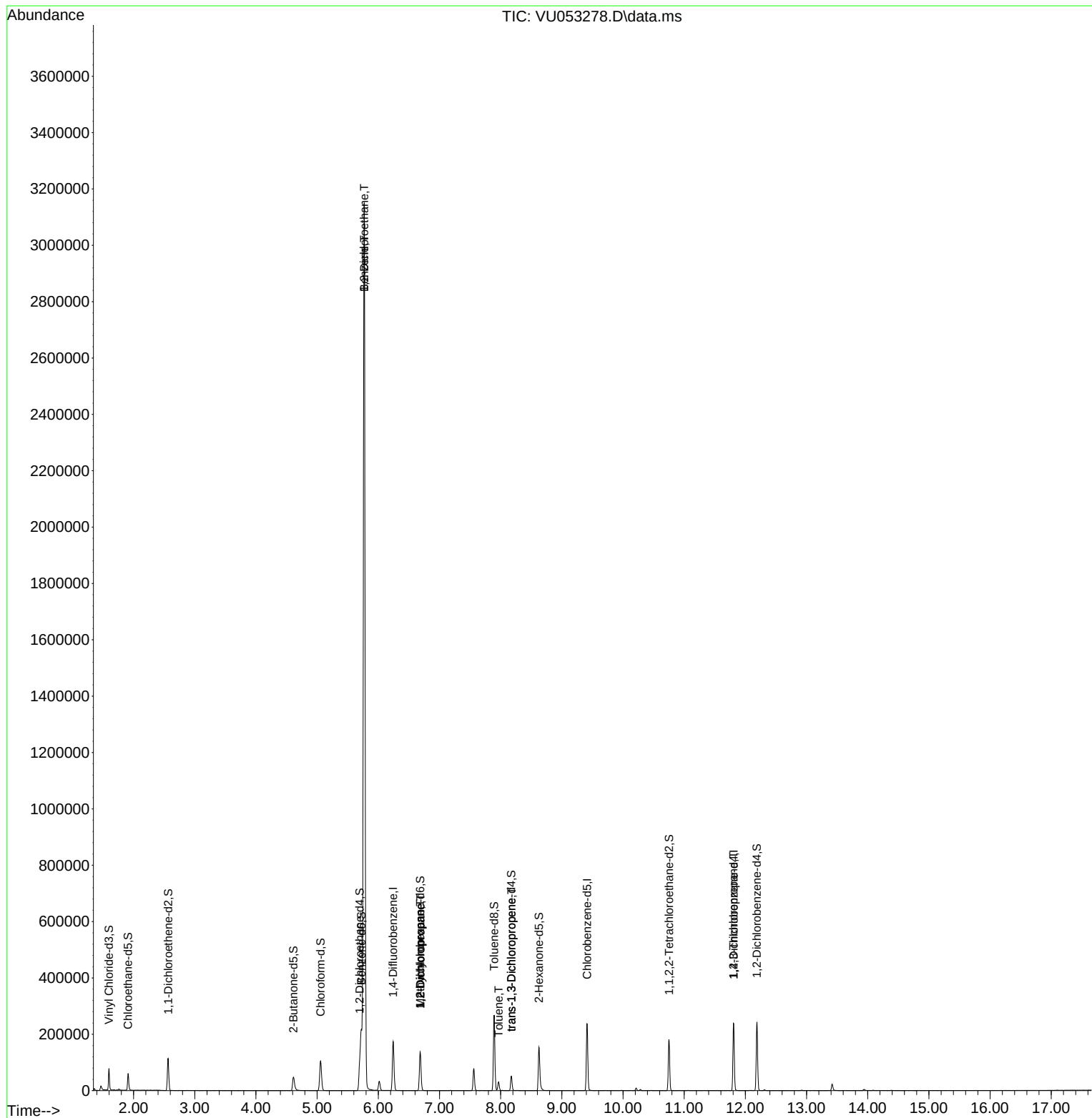
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	135919	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	123418	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	56809	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51342	40.945	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.880%
7) Chloroethane-d5	1.909	69	44025	43.405	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.820%
11) 1,1-Dichloroethene-d2	2.565	63	67332	30.997	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.000%
21) 2-Butanone-d5	4.613	46	70460	121.153	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.150%
24) Chloroform-d	5.057	84	92258	44.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.340%
26) 1,2-Dichloroethane-d4	5.697	65	65054	50.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.440%
32) Benzene-d6	5.723	84	197298	49.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.580%
36) 1,2-Dichloropropane-d6	6.684	67	66450	51.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.860%
41) Toluene-d8	7.893	98	175343	47.046	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.100%
43) trans-1,3-Dichloroprop...	8.173	79	29559	46.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.740%
47) 2-Hexanone-d5	8.626	63	53904	133.452	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	133.450%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	88926	53.132	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.260%
66) 1,2-Dichlorobenzene-d4	12.189	152	56278	51.163	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.320%
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	5.771	62	25418	15.564	ug/L #	76
33) Benzene	5.771	78	3003637	701.982	ug/L	100
35) Methylcyclohexane	6.684	83	14325	7.325	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	7164	6.001	ug/L #	90
42) Toluene	7.967	91	22983	4.996	ug/L	97
44) trans-1,3-Dichloropropene	8.176	75	1433	0.799	ug/L	94
60) 1,2,3-Trichloropropane	11.806	75	9087	8.050	ug/L #	68

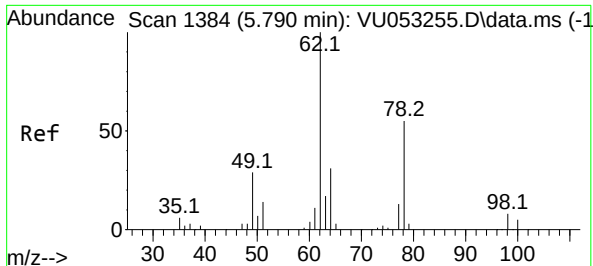
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 18 01:49:30 2023
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 15.564 ug/L

RT: 5.771 min Scan# 1378

Delta R.T. -0.019 min

Lab File: VU053278.D

Acq: 17 Mar 2023 19:35

Instrument :

MSVOA_U

ClientSampleId :

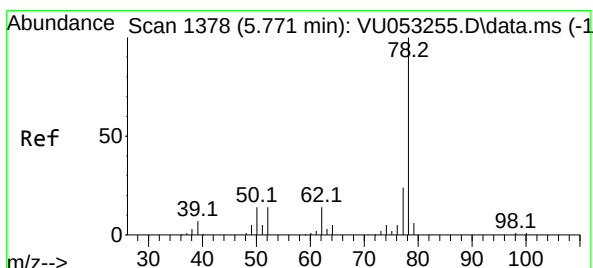
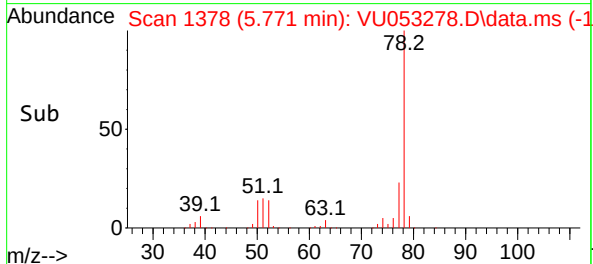
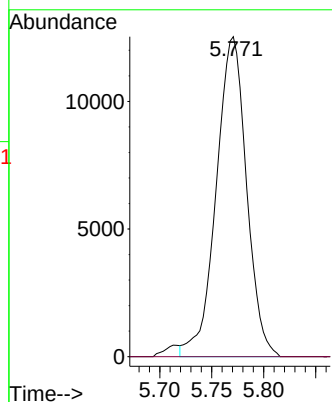
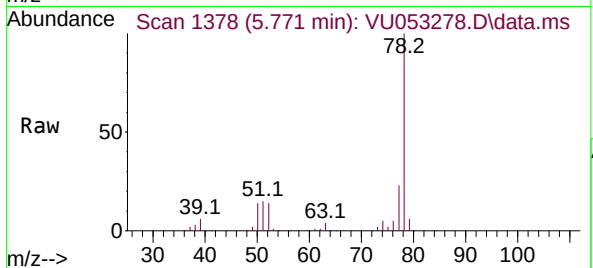
EYFC4

Tgt Ion: 62 Resp: 25418

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.6#



#33

Benzene

Concen: 701.982 ug/L

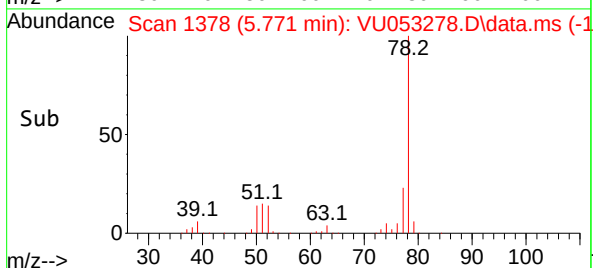
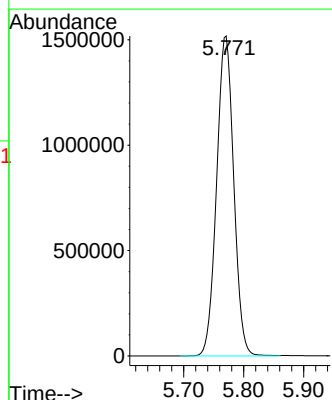
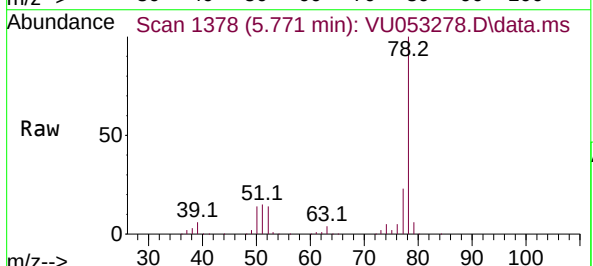
RT: 5.771 min Scan# 1378

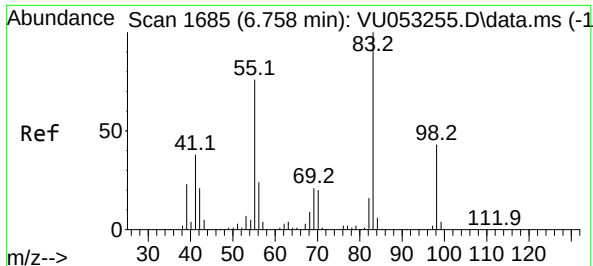
Delta R.T. -0.000 min

Lab File: VU053278.D

Acq: 17 Mar 2023 19:35

Tgt Ion: 78 Resp: 3003637





#35

Methylcyclohexane

Concen: 7.325 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU053278.D

Acq: 17 Mar 2023 19:35

Instrument :

MSVOA_U

ClientSampleId :

EYFC4

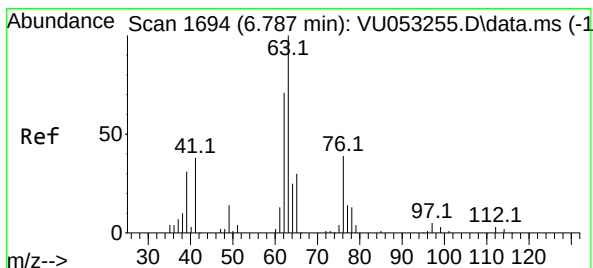
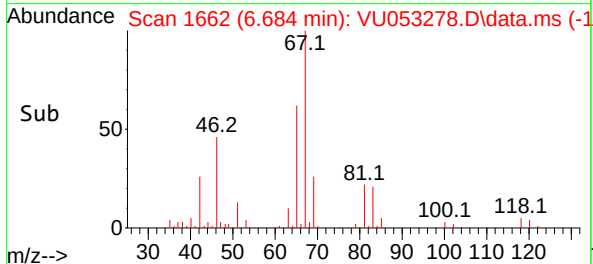
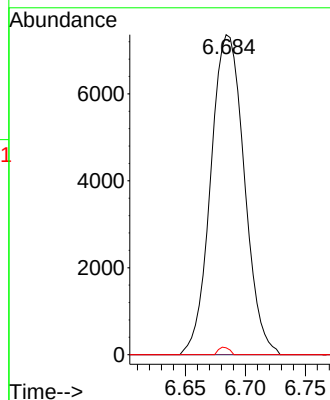
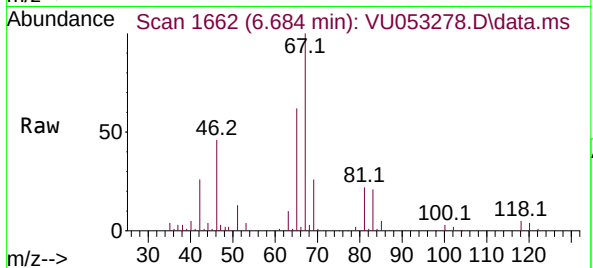
Tgt Ion: 83 Resp: 14325

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.8 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 6.001 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053278.D

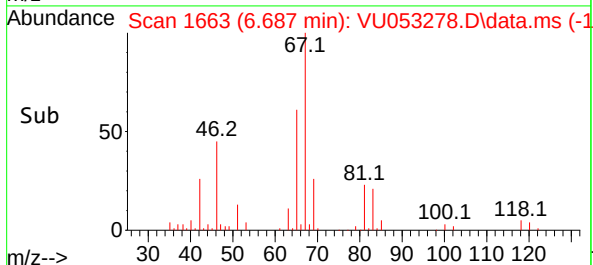
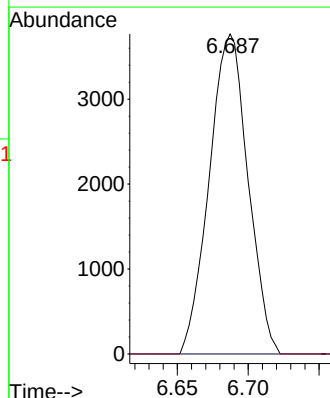
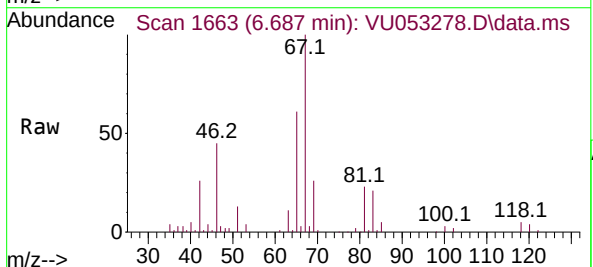
Acq: 17 Mar 2023 19:35

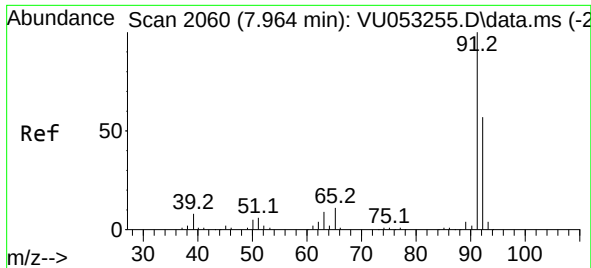
Tgt Ion: 63 Resp: 7164

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#42

Toluene

Concen: 4.996 ug/L

RT: 7.967 min Scan# 2060

Delta R.T. 0.003 min

Lab File: VU053278.D

Acq: 17 Mar 2023 19:35

Instrument :

MSVOA_U

ClientSampleId :

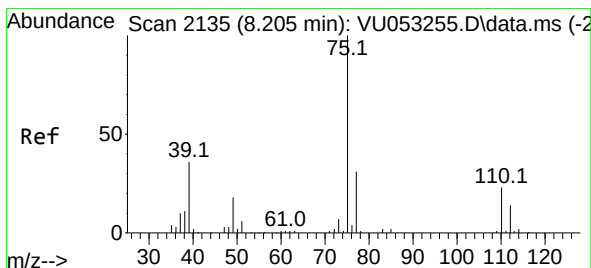
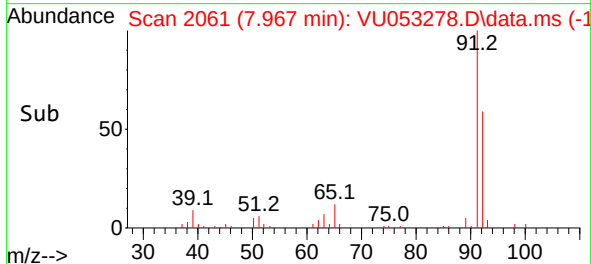
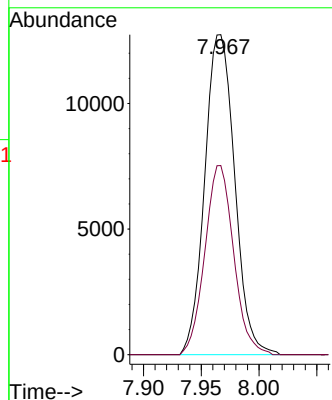
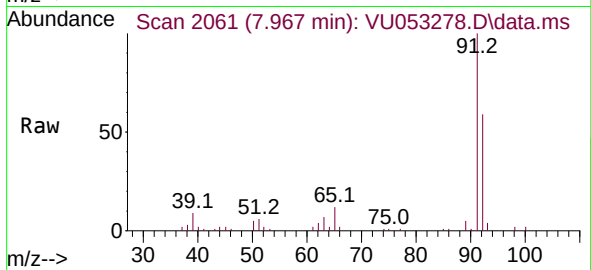
EYFC4

Tgt Ion: 91 Resp: 22983

Ion Ratio Lower Upper

91 100

92 59.1 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 0.799 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.029 min

Lab File: VU053278.D

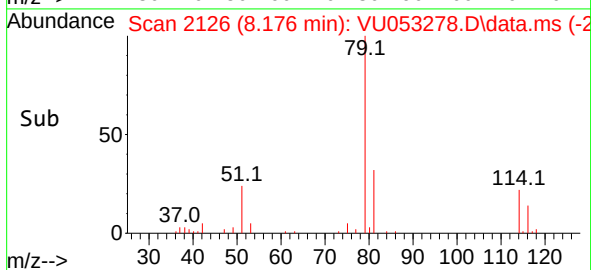
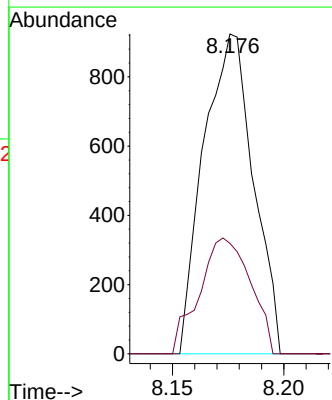
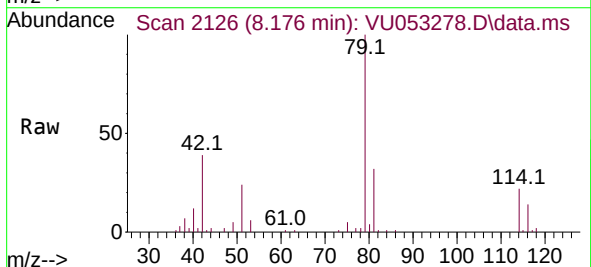
Acq: 17 Mar 2023 19:35

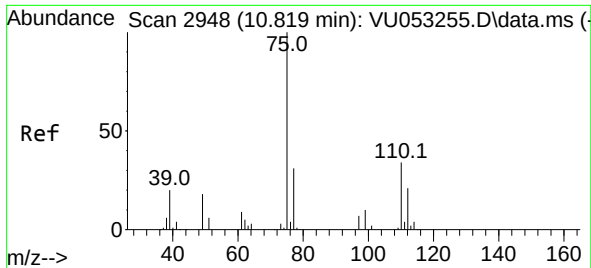
Tgt Ion: 75 Resp: 1433

Ion Ratio Lower Upper

75 100

77 34.5 22.0 40.8





#60
 1,2,3-Trichloropropane
 Concen: 8.050 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053278.D
 Acq: 17 Mar 2023 19:35

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFC4

Tgt Ion: 75 Resp: 9087
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.6 40.0
 110 1.9 28.6 42.8#

