

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
 Data File : VU053302.D
 Acq On : 20 Mar 2023 13:03
 Operator : JC/MD
 Sample : 01930-16DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFC4DL

Quant Time: Mar 21 01:29:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 21 01:25:41 2023
 Response via : Initial Calibration

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

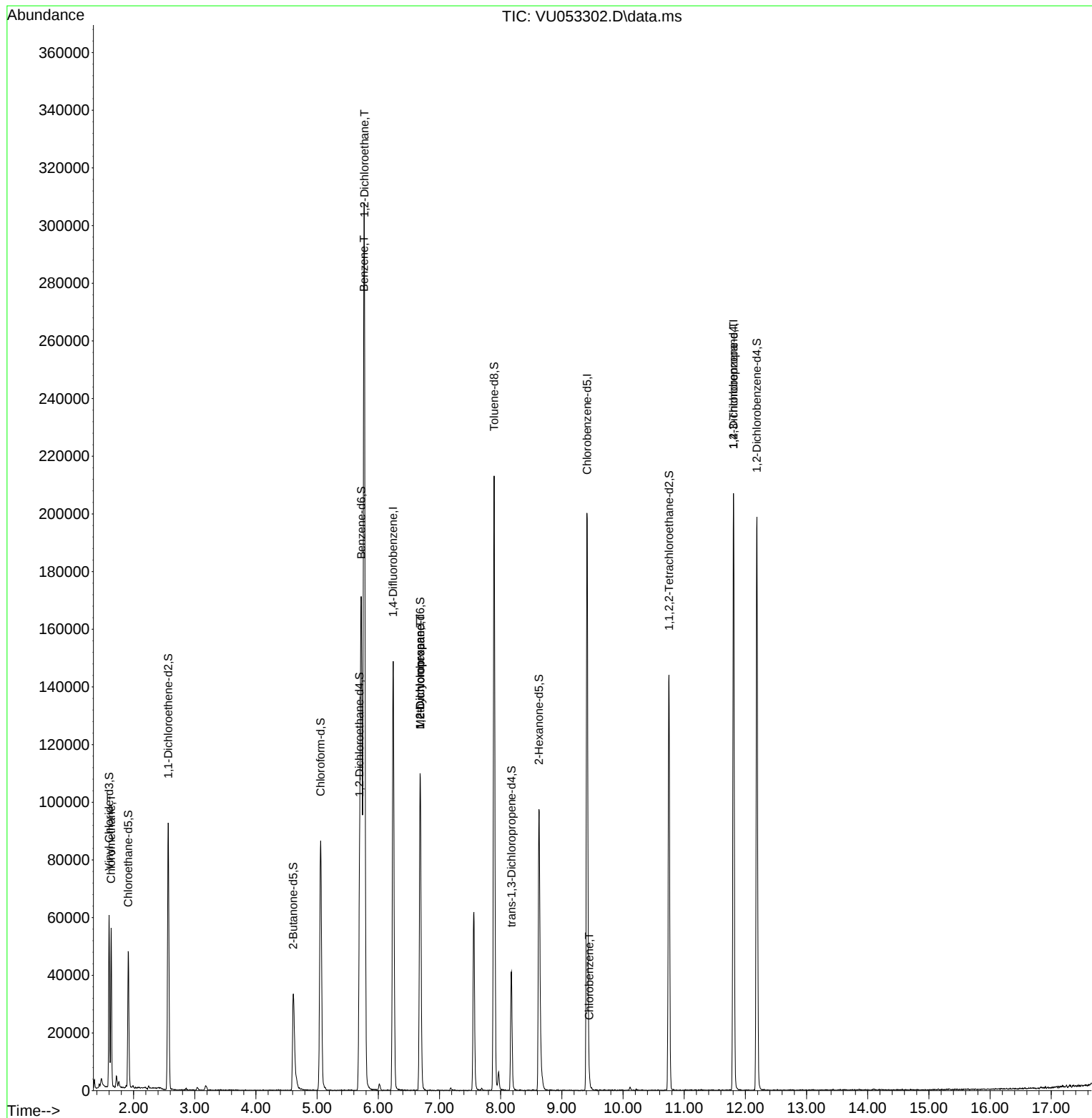
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	116122	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	105460	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	51024	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38856	36.270	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.540%
7) Chloroethane-d5	1.912	69	34665	40.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.565	63	54815	29.537	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.080%#
21) 2-Butanone-d5	4.610	46	49683	99.992	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.990%
24) Chloroform-d	5.057	84	77220	43.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.520%
26) 1,2-Dichloroethane-d4	5.694	65	51482	46.981	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.960%
32) Benzene-d6	5.723	84	158942	46.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.940%
36) 1,2-Dichloropropane-d6	6.684	67	53151	48.144	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.280%
41) Toluene-d8	7.893	98	142707	44.810	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.620%
43) trans-1,3-Dichloroprop...	8.176	79	23621	43.366	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.740%
47) 2-Hexanone-d5	8.626	63	36868	106.818	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.820%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	71330	49.876	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.760%
66) 1,2-Dichlorobenzene-d4	12.189	152	47349	47.926	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.860%
Target Compounds						
					Qvalue	
3) Chloromethane	1.633	50	5268	4.717	ug/L	99
27) 1,2-Dichloroethane	5.774	62	2498	1.790	ug/L #	76
33) Benzene	5.768	78	296806	81.179	ug/L	100
35) Methylcyclohexane	6.684	83	11425	6.837	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	5978	5.860	ug/L #	90
51) Chlorobenzene	9.446	112	2083	0.850	ug/L #	76
60) 1,2,3-Trichloropropane	11.806	75	7209	7.110	ug/L #	69

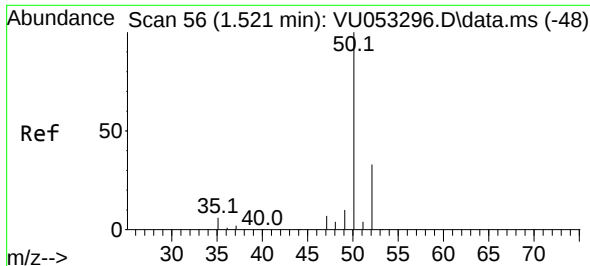
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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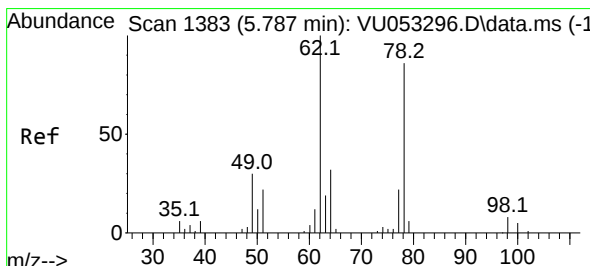
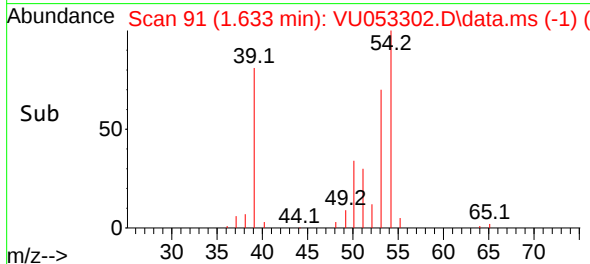
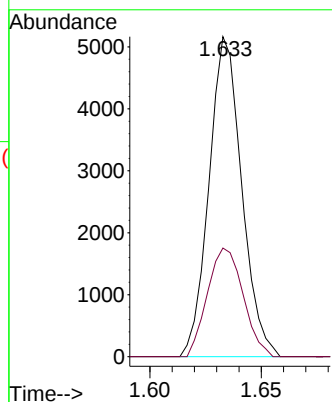
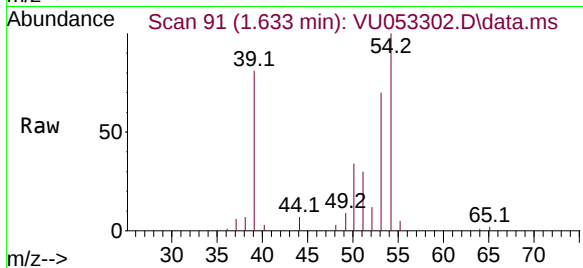




#3
Chloromethane
Concen: 4.717 ug/L
RT: 1.633 min Scan# 91
Delta R.T. 0.112 min
Lab File: VU053302.D
Acq: 20 Mar 2023 13:03

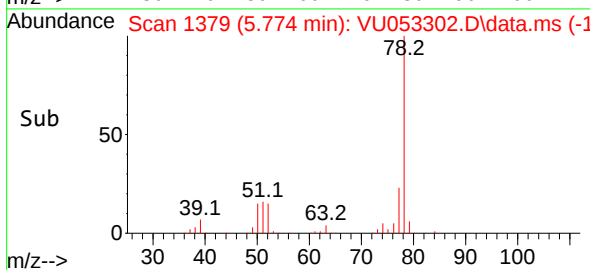
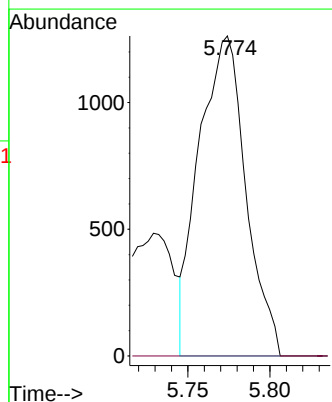
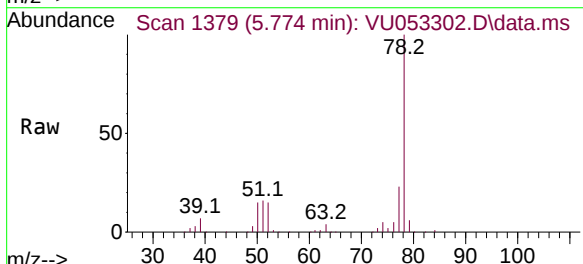
Instrument :
MSVOA_U
ClientSampleId :
EYFC4DL

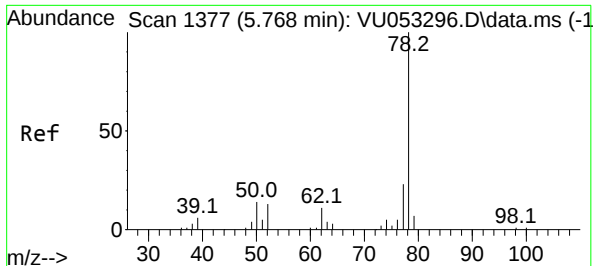
Tgt Ion: 50 Resp: 5268
Ion Ratio Lower Upper
50 100
52 34.0 23.4 43.4



#27
1,2-Dichloroethane
Concen: 1.790 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.013 min
Lab File: VU053302.D
Acq: 20 Mar 2023 13:03

Tgt Ion: 62 Resp: 2498
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.6#

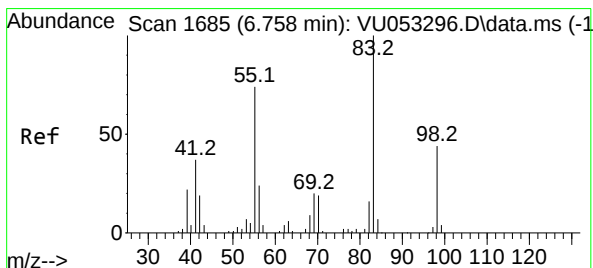
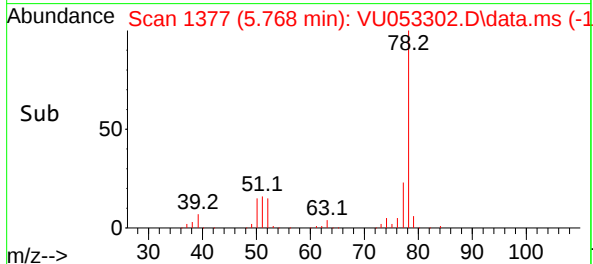
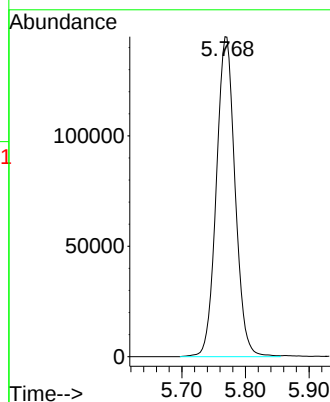
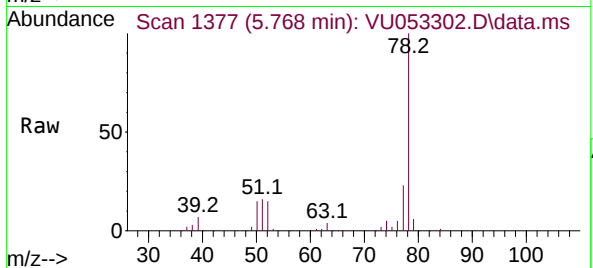




#33
Benzene
Concen: 81.179 ug/L
RT: 5.768 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053302.D
Acq: 20 Mar 2023 13:03

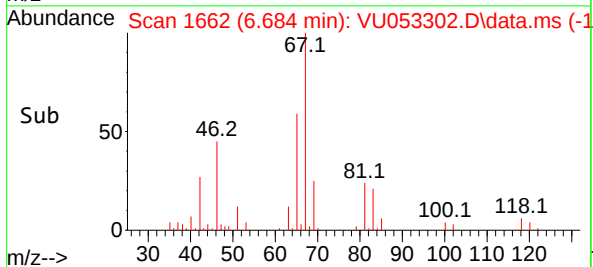
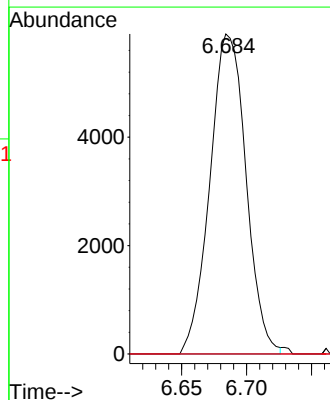
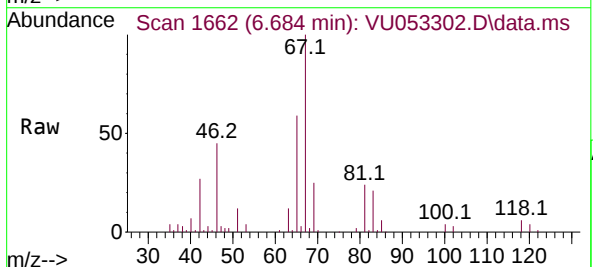
Instrument :
MSVOA_U
ClientSampleId :
EYFC4DL

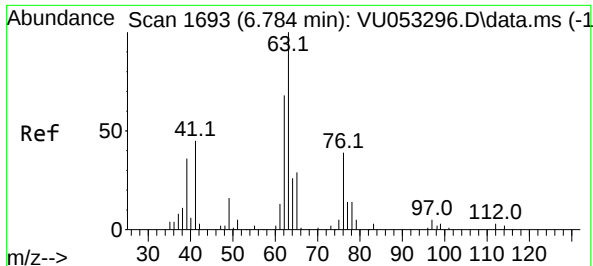
Tgt Ion: 78 Resp: 296806



#35
Methylcyclohexane
Concen: 6.837 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053302.D
Acq: 20 Mar 2023 13:03

Tgt Ion: 83 Resp: 11425
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.4#
98 0.0 35.4 53.2#





#37

1,2-Dichloropropane

Concen: 5.860 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053302.D

Acq: 20 Mar 2023 13:03

Instrument :

MSVOA_U

ClientSampleId :

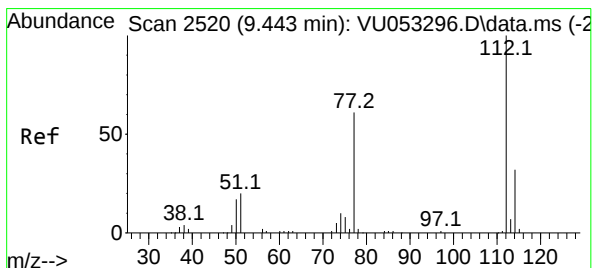
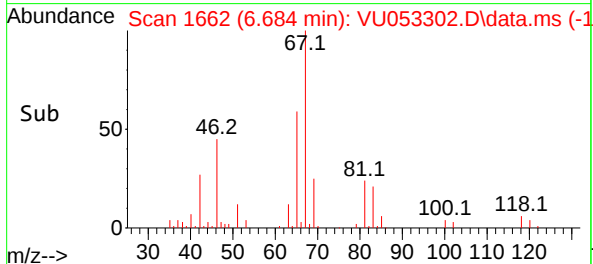
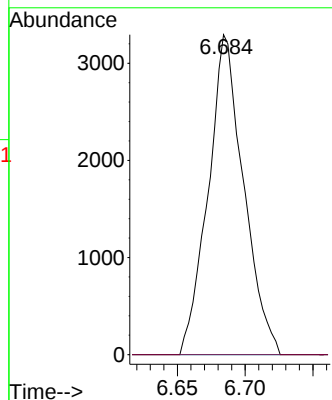
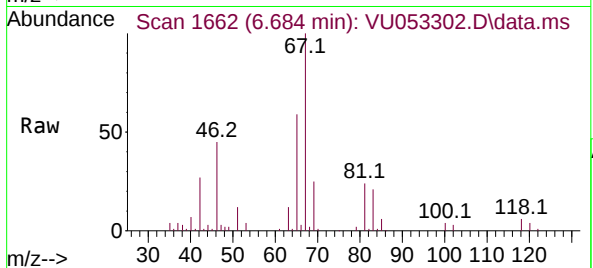
EYFC4DL

Tgt Ion: 63 Resp: 5978

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#51

Chlorobenzene

Concen: 0.850 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VU053302.D

Acq: 20 Mar 2023 13:03

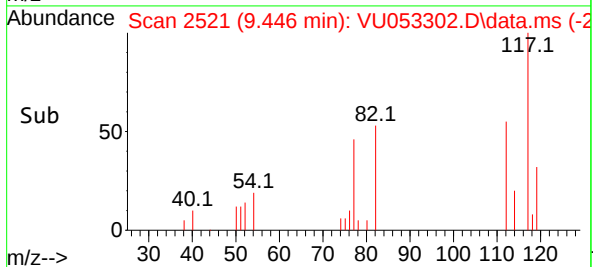
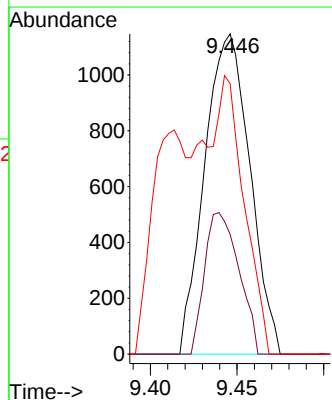
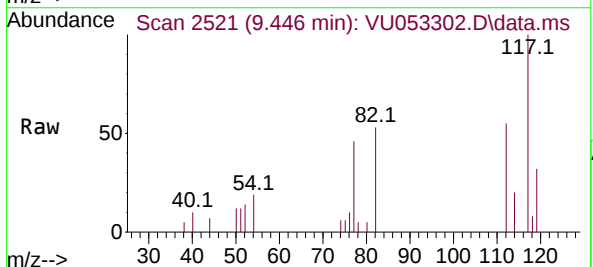
Tgt Ion: 112 Resp: 2083

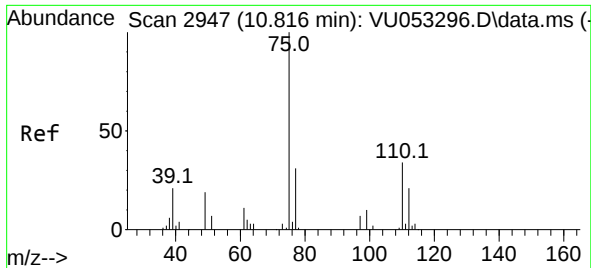
Ion Ratio Lower Upper

112 100

114 37.4 21.8 40.6

77 84.5 48.8 73.2#





#60
 1,2,3-Trichloropropane
 Concen: 7.110 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053302.D
 Acq: 20 Mar 2023 13:03

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFC4DL

Tgt Ion: 75 Resp: 7209
 Ion Ratio Lower Upper
 75 100
 77 34.9 26.6 40.0
 110 2.0 28.6 42.8#

