

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
 Data File : VU053310.D
 Acq On : 20 Mar 2023 16:44
 Operator : JC/MD
 Sample : 01961-10
 Misc : 5.2mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFD4

Quant Time: Mar 21 01:31:58 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)

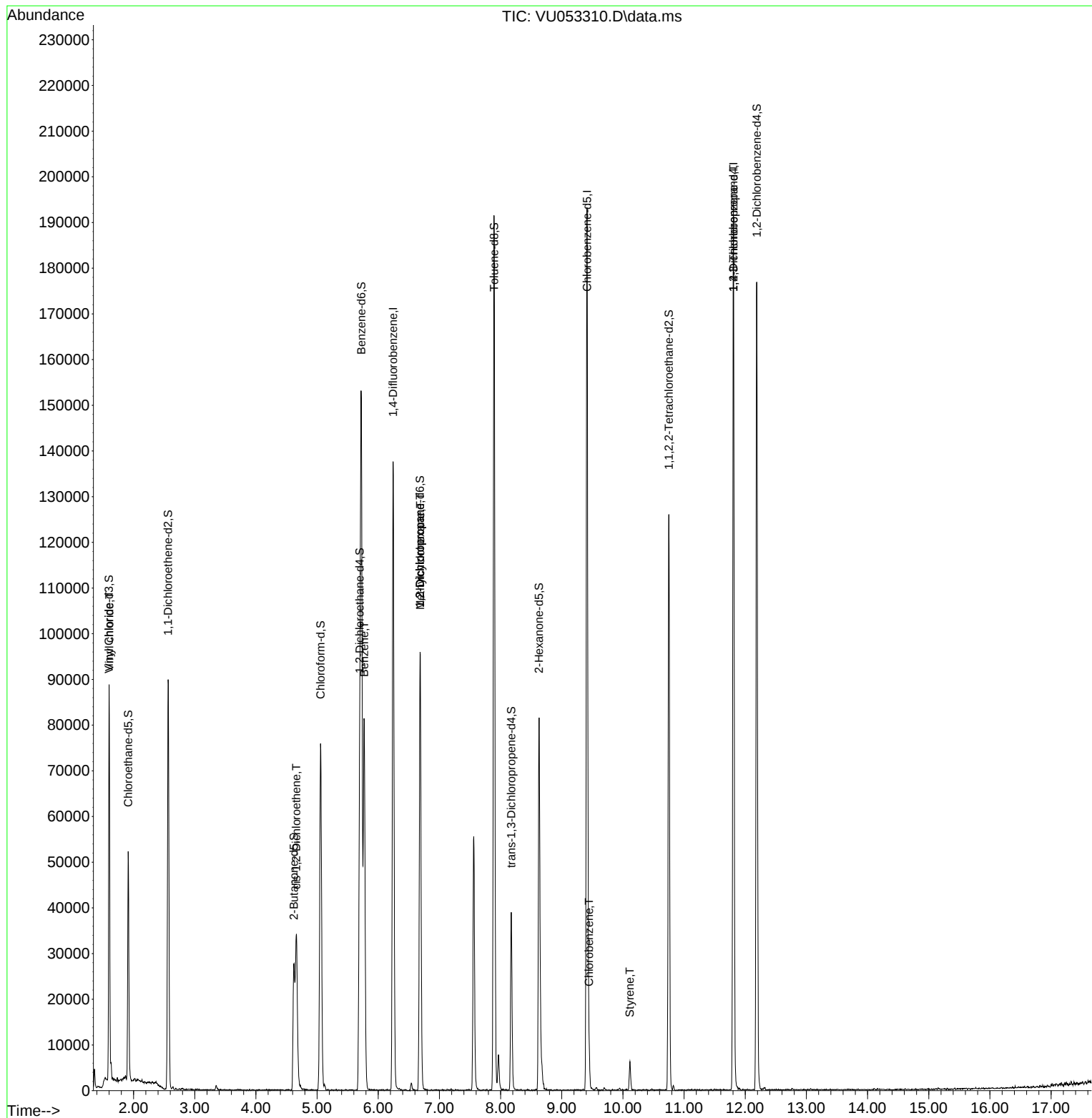
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	108327	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	101822	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	47846	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40123	40.148	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.300%
7) Chloroethane-d5	1.912	69	35742	44.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.420%
11) 1,1-Dichloroethene-d2	2.565	63	53071	30.655	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.300%
21) 2-Butanone-d5	4.620	46	42083	90.791	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.790%
24) Chloroform-d	5.057	84	66663	40.499	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	5.697	65	45606	44.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.220%
32) Benzene-d6	5.722	84	142644	43.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.380%
36) 1,2-Dichloropropane-d6	6.684	67	47194	44.276	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.560%
41) Toluene-d8	7.893	98	131296	42.700	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.176	79	23060	43.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.700%
47) 2-Hexanone-d5	8.629	63	29175	87.549	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.550%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	61612	44.620	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.240%
66) 1,2-Dichlorobenzene-d4	12.188	152	43424	46.872	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.740%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	21462	18.830	ug/L	91
20) cis-1,2-Dichloroethene	4.661	96	14873	15.687	ug/L	96
33) Benzene	5.771	78	78661	22.283	ug/L	100
35) Methylcyclohexane	6.687	83	10307	6.388	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	5008	5.085	ug/L #	90
51) Chlorobenzene	9.446	112	4990	2.110	ug/L	97
55) Styrene	10.114	104	3441	1.300	ug/L	97
60) 1,2,3-Trichloropropane	11.806	75	7029	7.393	ug/L #	69

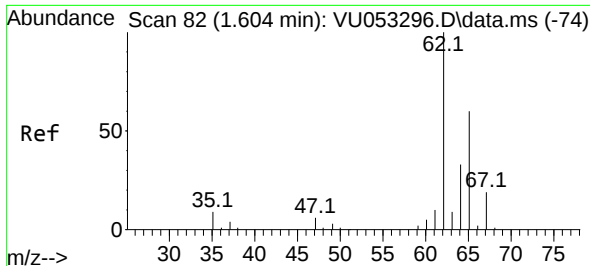
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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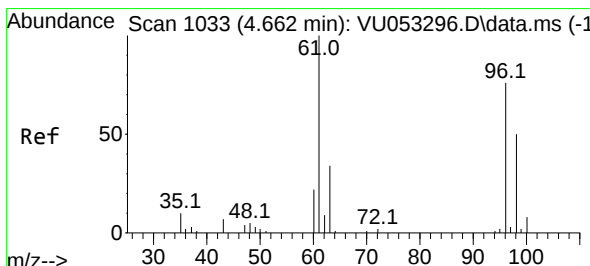
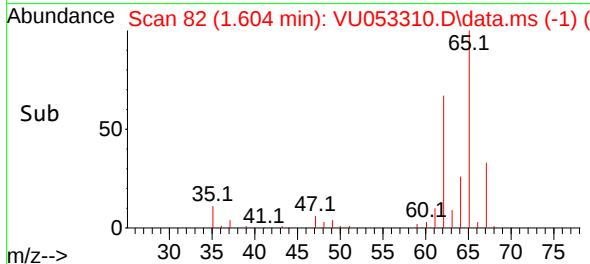
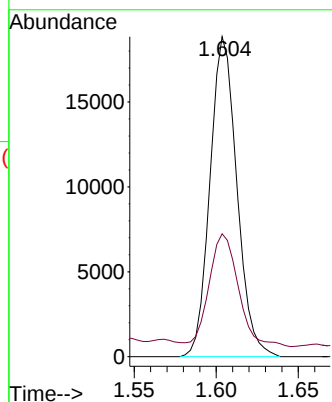
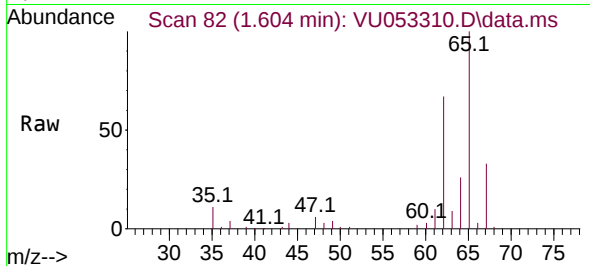




#5
 Vinyl chloride
 Concen: 18.830 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.001 min
 Lab File: VU053310.D
 Acq: 20 Mar 2023 16:44

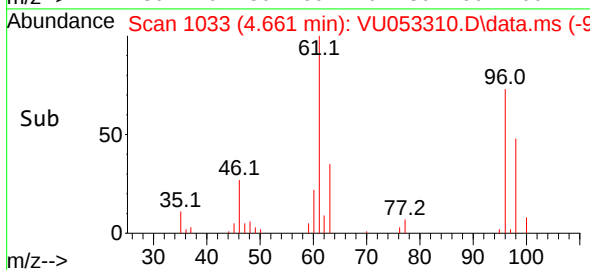
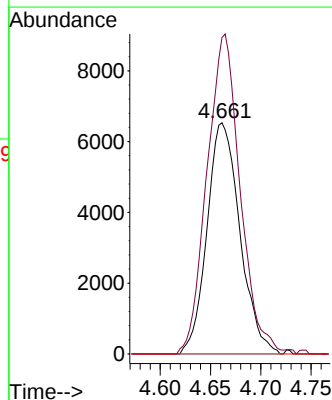
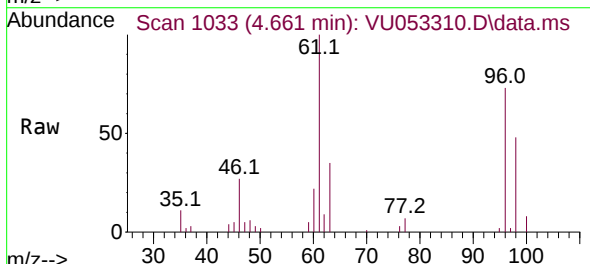
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFD4

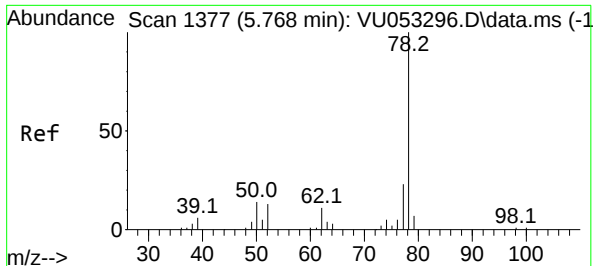
Tgt Ion: 62 Resp: 21462
 Ion Ratio Lower Upper
 62 100
 64 38.4 23.2 43.0



#20
 cis-1,2-Dichloroethene
 Concen: 15.687 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.001 min
 Lab File: VU053310.D
 Acq: 20 Mar 2023 16:44

Tgt Ion: 96 Resp: 14873
 Ion Ratio Lower Upper
 96 100
 61 136.9 92.5 171.7
 68 0.0 0.0 0.0





#33

Benzene

Concen: 22.283 ug/L

RT: 5.771 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053310.D

Acq: 20 Mar 2023 16:44

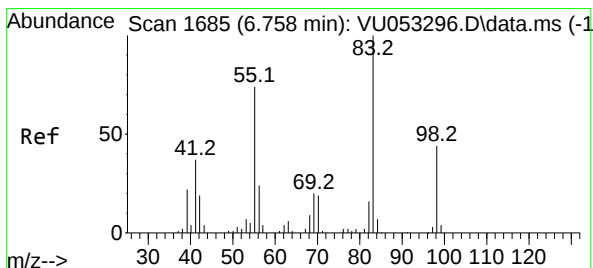
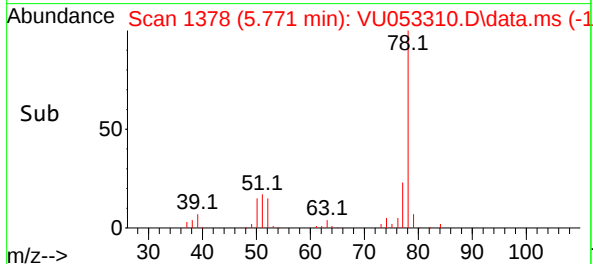
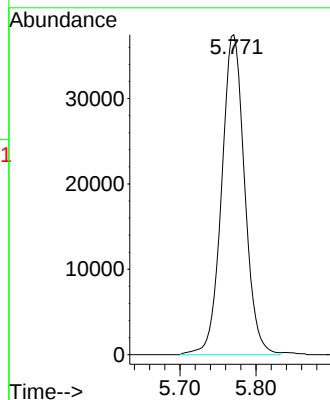
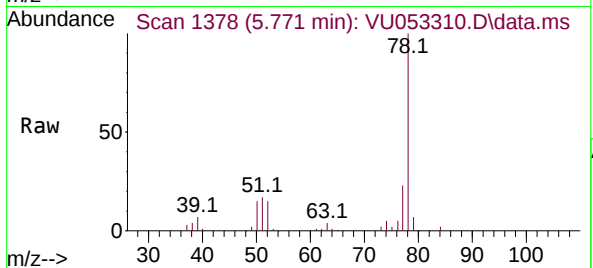
Instrument :

MSVOA_U

ClientSampleId :

EYFD4

Tgt Ion: 78 Resp: 78661



#35

Methylcyclohexane

Concen: 6.388 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU053310.D

Acq: 20 Mar 2023 16:44

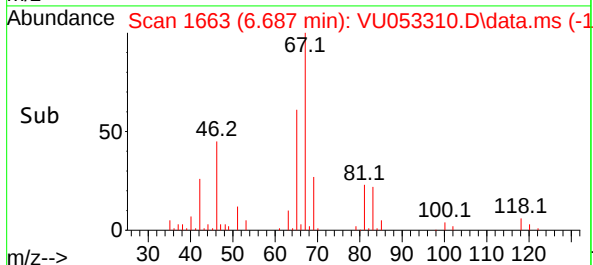
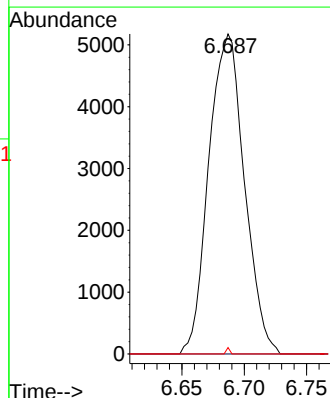
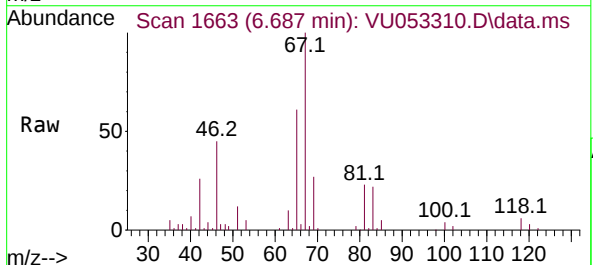
Tgt Ion: 83 Resp: 10307

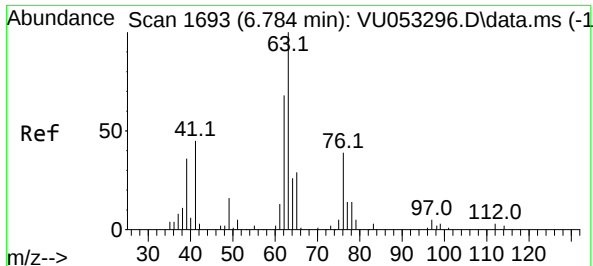
Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.0 35.4 53.2#





#37

1,2-Dichloropropane

Concen: 5.085 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053310.D

Acq: 20 Mar 2023 16:44

Instrument :

MSVOA_U

ClientSampleId :

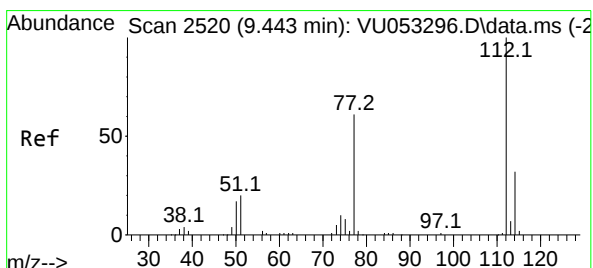
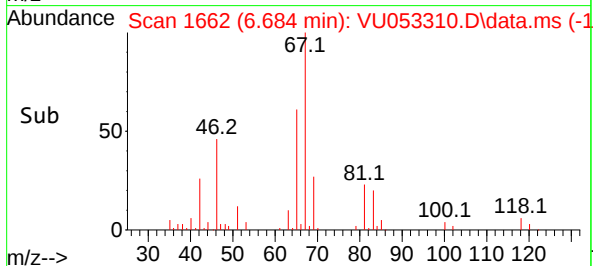
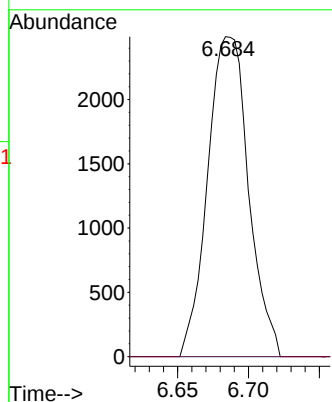
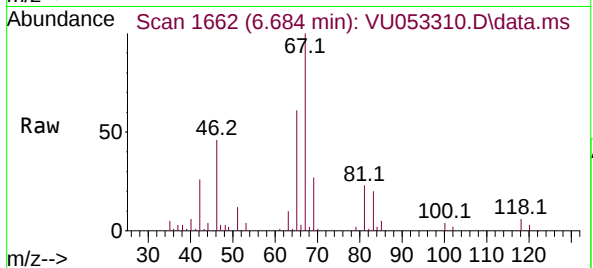
EYFD4

Tgt Ion: 63 Resp: 5008

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#51

Chlorobenzene

Concen: 2.110 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.003 min

Lab File: VU053310.D

Acq: 20 Mar 2023 16:44

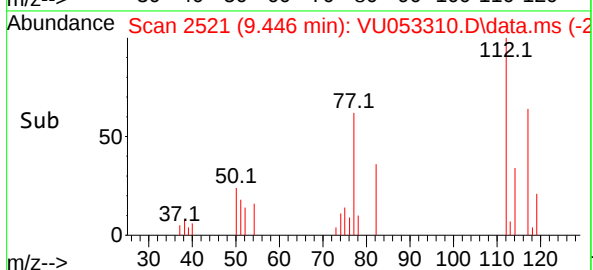
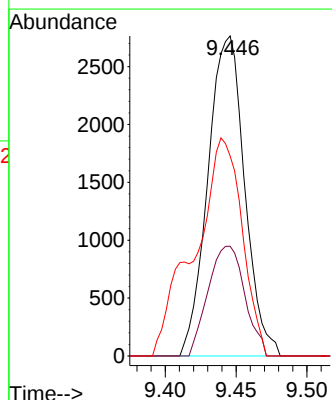
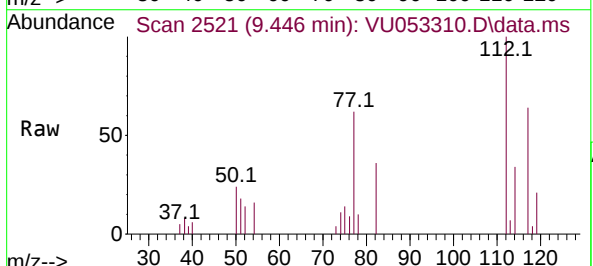
Tgt Ion: 112 Resp: 4990

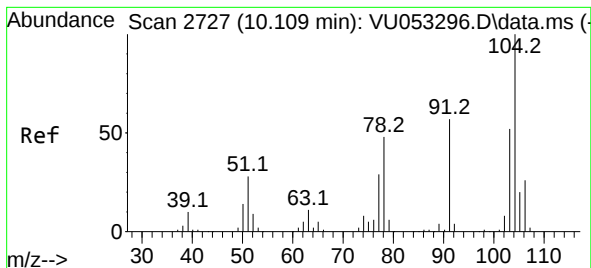
Ion Ratio Lower Upper

112 100

114 34.3 21.8 40.6

77 62.5 48.8 73.2





#55

Styrene

Concen: 1.300 ug/L

RT: 10.114 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU053310.D

Acq: 20 Mar 2023 16:44

Instrument :

MSVOA_U

ClientSampleId :

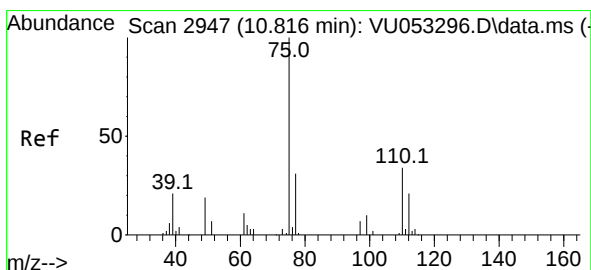
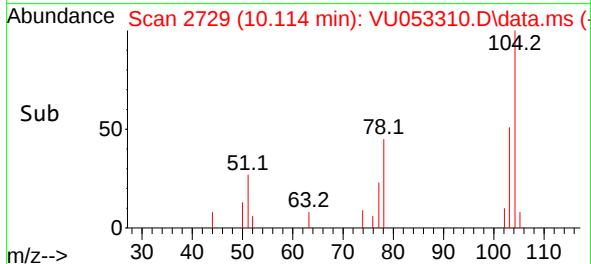
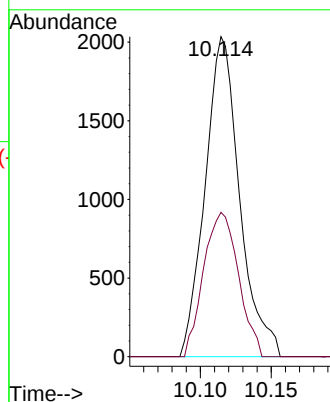
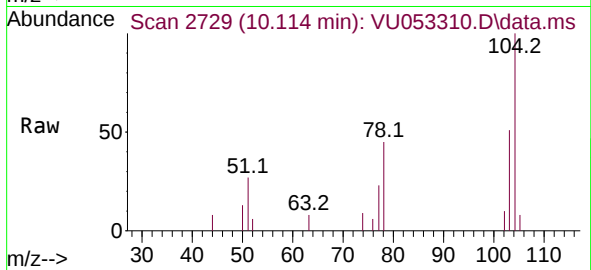
EYFD4

Tgt Ion:104 Resp: 3441

Ion Ratio Lower Upper

104 100

78 45.1 32.9 61.1



#60

1,2,3-Trichloropropane

Concen: 7.393 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.990 min

Lab File: VU053310.D

Acq: 20 Mar 2023 16:44

Tgt Ion: 75 Resp: 7029

Ion Ratio Lower Upper

75 100

77 30.9 26.6 40.0

110 2.6 28.6 42.8#

