

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
 Data File : VU053309.D
 Acq On : 20 Mar 2023 16:21
 Operator : JC/MD
 Sample : 01961-09
 Misc : 5.1mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFD3

Quant Time: Mar 21 01:31:41 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)

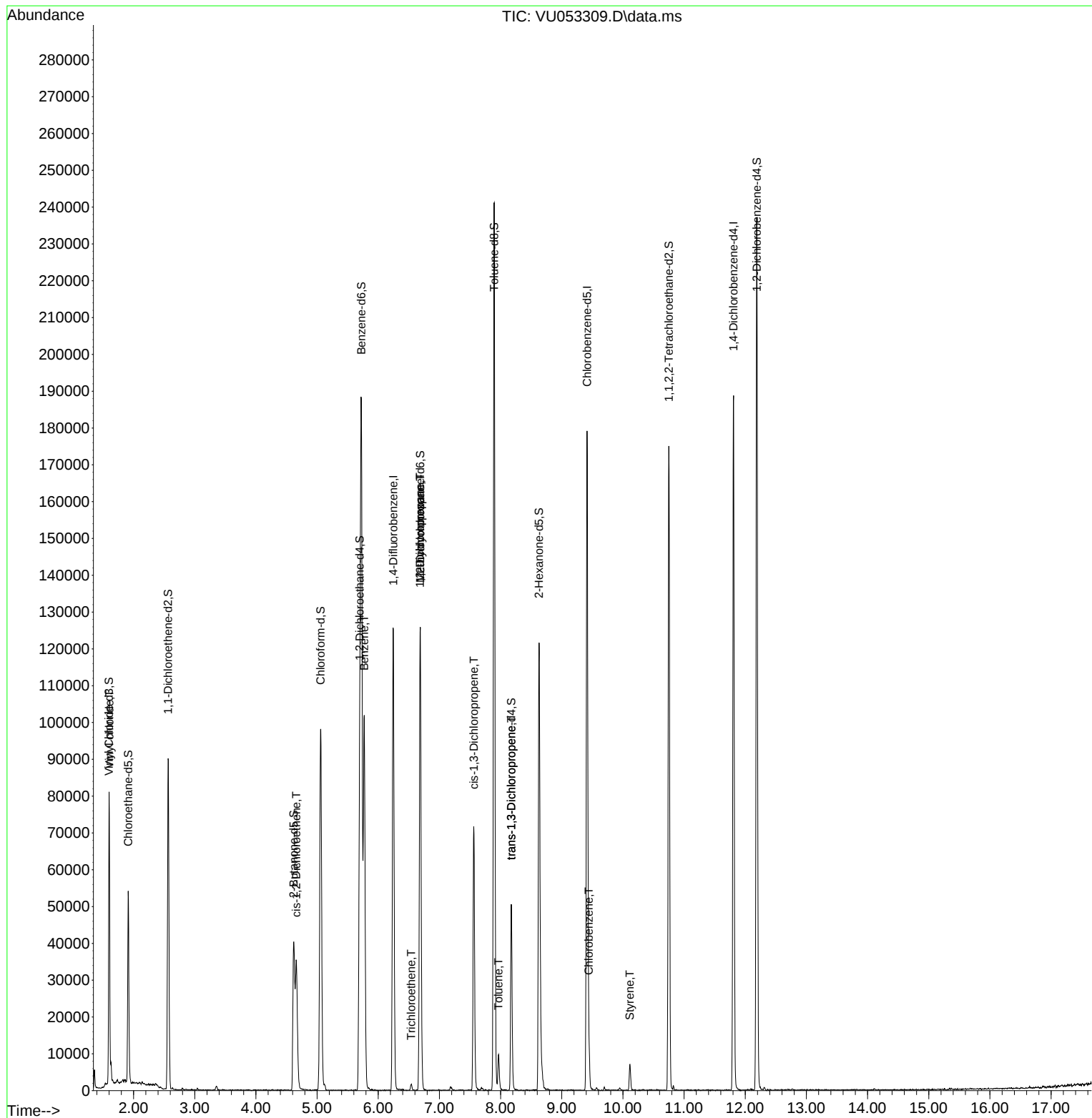
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	100001	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	95254	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	46039	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	34566	37.467	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.940%
7) Chloroethane-d5	1.912	69	37099	49.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.420%
11) 1,1-Dichloroethene-d2	2.565	63	52956	33.135	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.280%
21) 2-Butanone-d5	4.617	46	60526	141.452	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	141.450%#
24) Chloroform-d	5.060	84	86531	56.946	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.900%
26) 1,2-Dichloroethane-d4	5.697	65	60545	64.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	128.320%#
32) Benzene-d6	5.723	84	177772	57.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.080%
36) 1,2-Dichloropropane-d6	6.687	67	62036	62.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	124.420%#
41) Toluene-d8	7.896	98	161946	56.299	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.600%
43) trans-1,3-Dichloroprop...	8.176	79	28093	57.102	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.200%
47) 2-Hexanone-d5	8.629	63	44761	143.581	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	143.580%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	87537	67.767	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	135.540%#
66) 1,2-Dichlorobenzene-d4	12.189	152	58429	65.544	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	131.080%#
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	21995	20.905	ug/L	94
20) cis-1,2-Dichloroethene	4.662	96	15270	17.447	ug/L	97
33) Benzene	5.771	78	97049	29.388	ug/L	100
34) Trichloroethene	6.539	95	710	0.825	ug/L #	77
35) Methylcyclohexane	6.687	83	13251	8.779	ug/L #	20
37) 1,2-Dichloropropane	6.684	63	6624	7.189	ug/L #	90
39) cis-1,3-Dichloropropene	7.565	75	1982	1.309	ug/L #	54
42) Toluene	7.967	91	7127	2.007	ug/L	96
44) trans-1,3-Dichloropropene	8.176	75	1139	0.823	ug/L	84
51) Chlorobenzene	9.443	112	5836	2.637	ug/L	88
55) Styrene	10.111	104	3583	1.446	ug/L	99

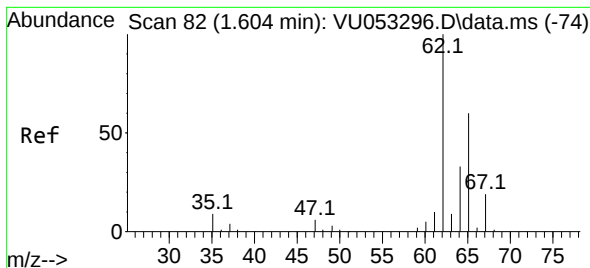
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Mar 21 01:25:41 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 20.905 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU053309.D

Acq: 20 Mar 2023 16:21

Instrument :

MSVOA_U

ClientSampleId :

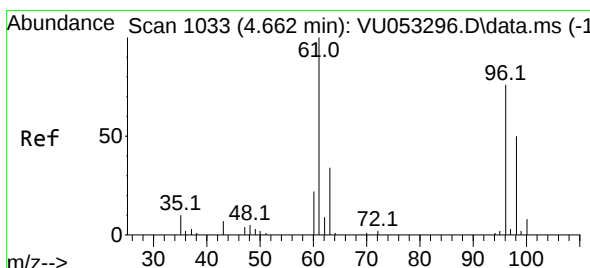
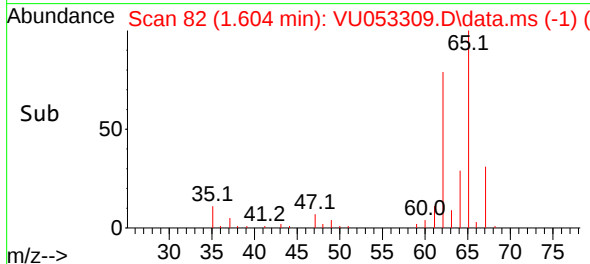
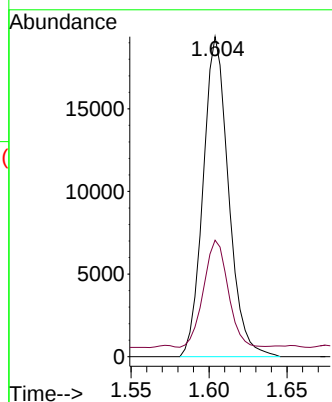
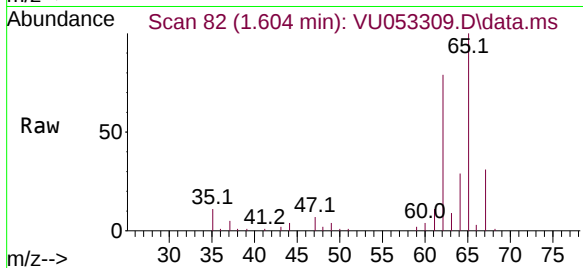
EYFD3

Tgt Ion: 62 Resp: 21995

Ion Ratio Lower Upper

62 100

64 36.4 23.2 43.0



#20

cis-1,2-Dichloroethene

Concen: 17.447 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU053309.D

Acq: 20 Mar 2023 16:21

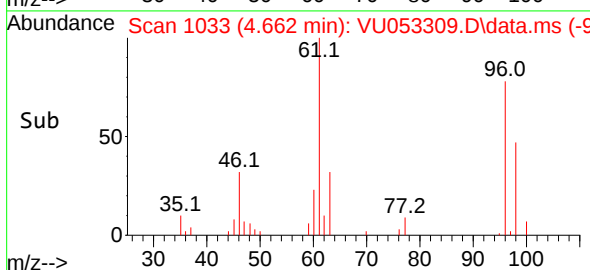
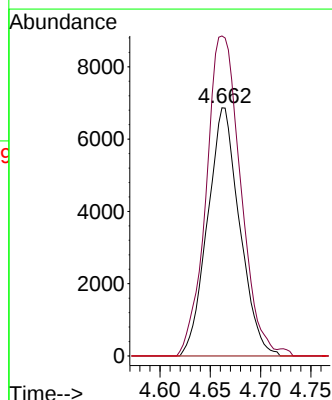
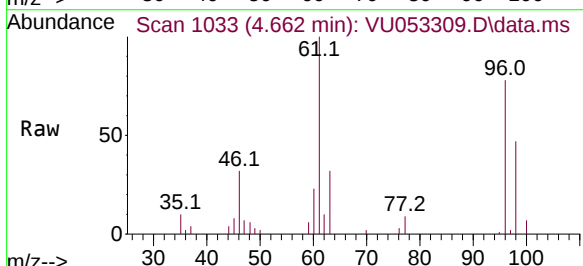
Tgt Ion: 96 Resp: 15270

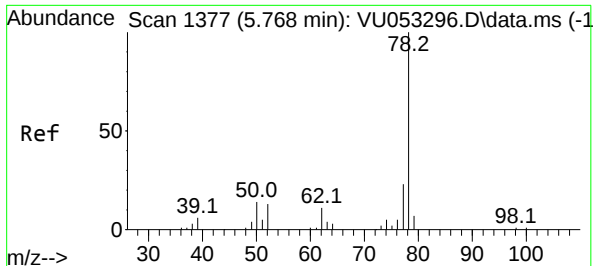
Ion Ratio Lower Upper

96 100

61 128.9 92.5 171.7

68 0.0 0.0 0.0

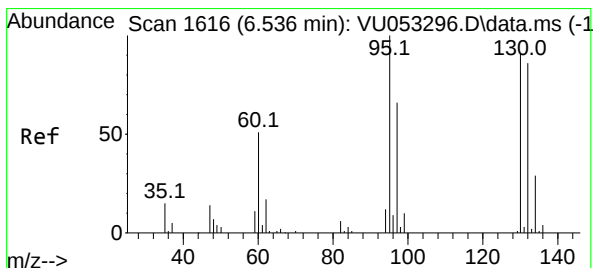
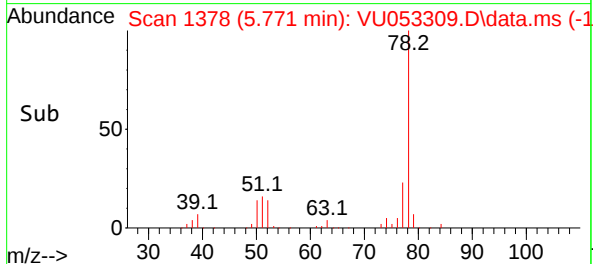
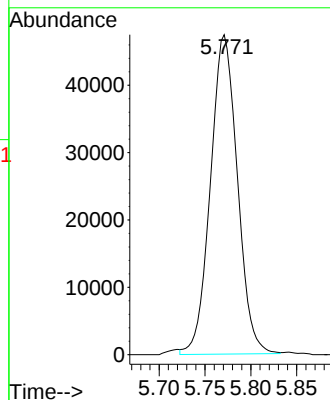
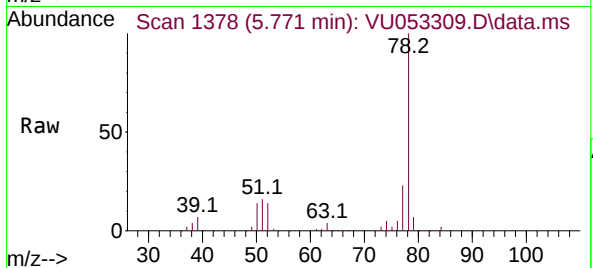




#33
Benzene
Concen: 29.388 ug/L
RT: 5.771 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU053309.D
Acq: 20 Mar 2023 16:21

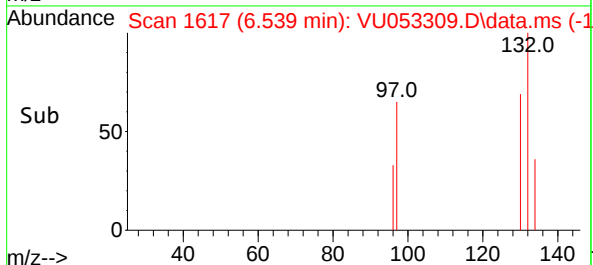
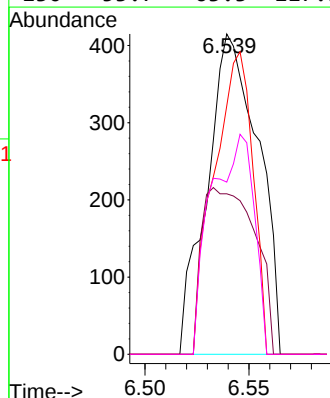
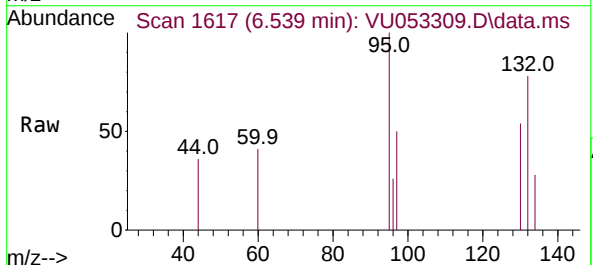
Instrument :
MSVOA_U
ClientSampleId :
EYFD3

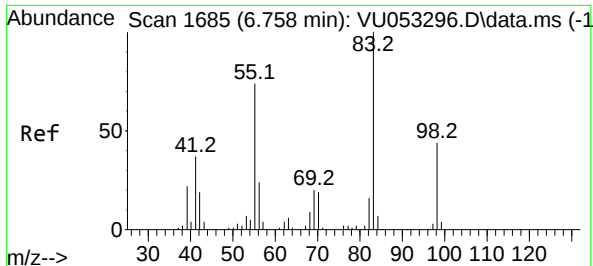
Tgt Ion: 78 Resp: 97049



#34
Trichloroethene
Concen: 0.825 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU053309.D
Acq: 20 Mar 2023 16:21

Tgt Ion: 95 Resp: 710
Ion Ratio Lower Upper
95 100
97 50.1 43.8 81.3
132 77.6 61.5 114.3
130 53.7 63.3 117.5#





#35

Methylcyclohexane

Concen: 8.779 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU053309.D

Acq: 20 Mar 2023 16:21

Instrument :

MSVOA_U

ClientSampleId :

EYFD3

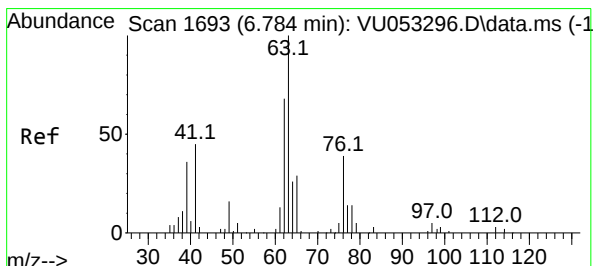
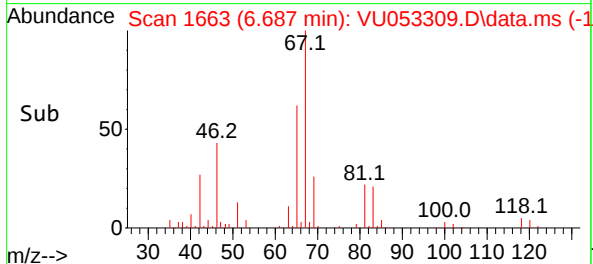
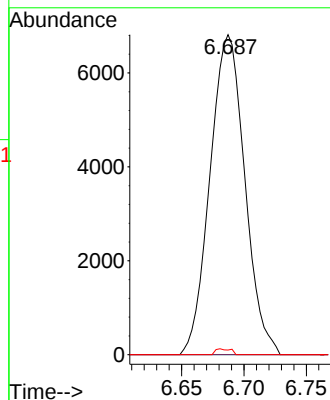
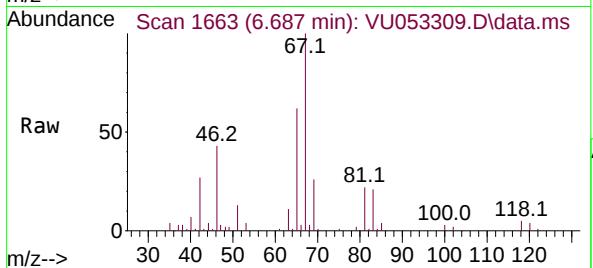
Tgt Ion: 83 Resp: 13251

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.2 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 7.189 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.100 min

Lab File: VU053309.D

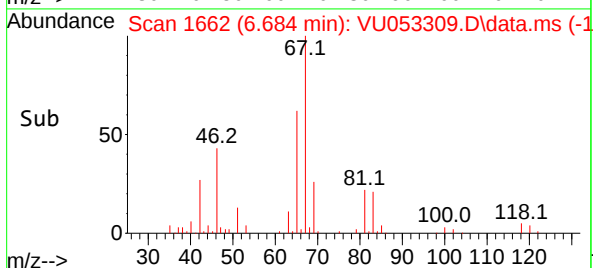
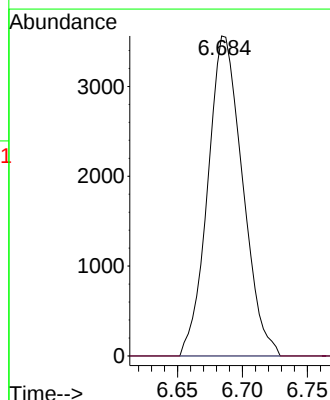
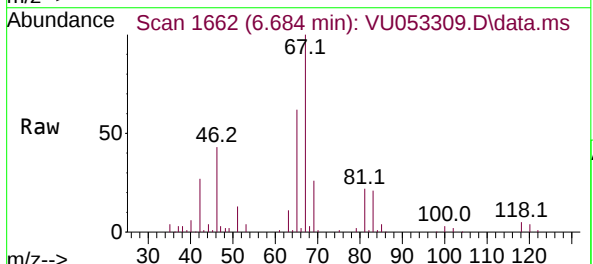
Acq: 20 Mar 2023 16:21

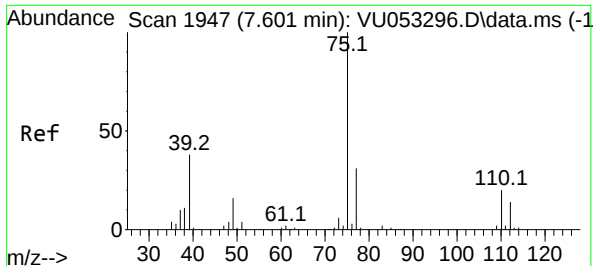
Tgt Ion: 63 Resp: 6624

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#39

cis-1,3-Dichloropropene

Concen: 1.309 ug/L

RT: 7.565 min Scan# 1947

Delta R.T. -0.036 min

Lab File: VU053309.D

Acq: 20 Mar 2023 16:21

Instrument :

MSVOA_U

ClientSampleId :

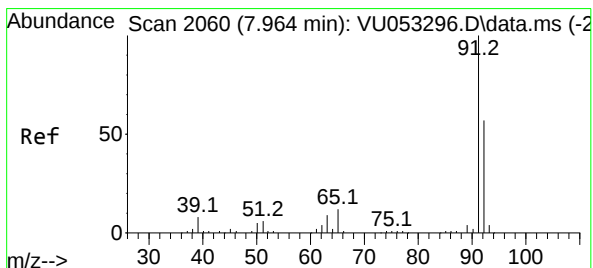
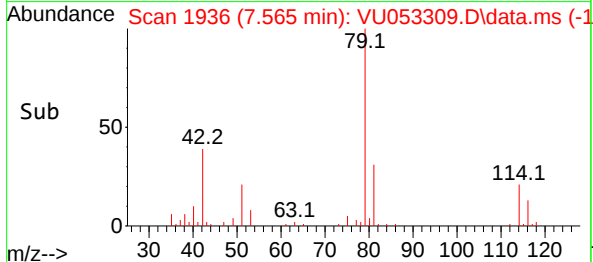
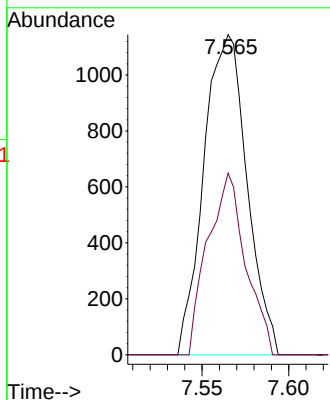
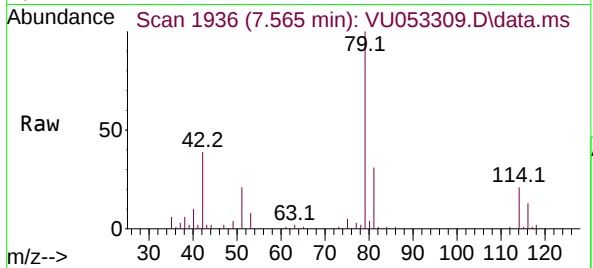
EYFD3

Tgt Ion: 75 Resp: 1982

Ion Ratio Lower Upper

75 100

77 56.7 21.9 40.7#



#42

Toluene

Concen: 2.007 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU053309.D

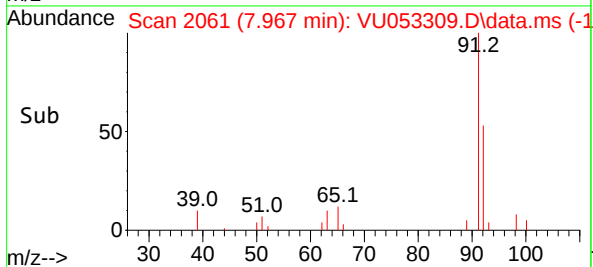
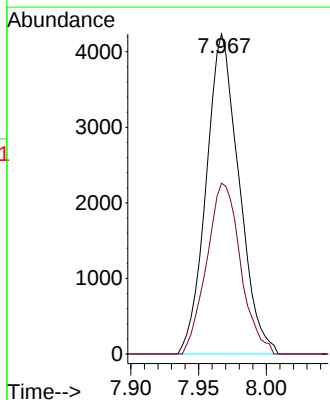
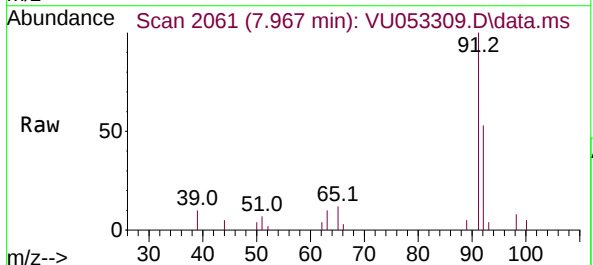
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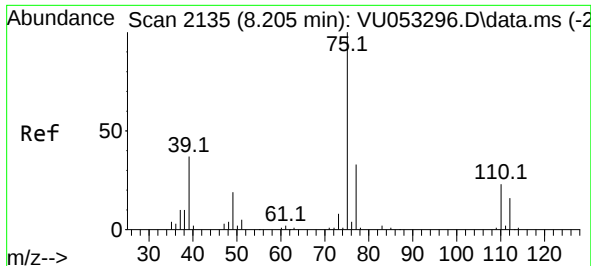
Tgt Ion: 91 Resp: 7127

Ion Ratio Lower Upper

91 100

92 53.4 39.6 73.6

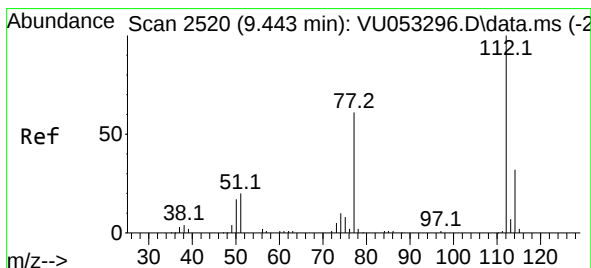
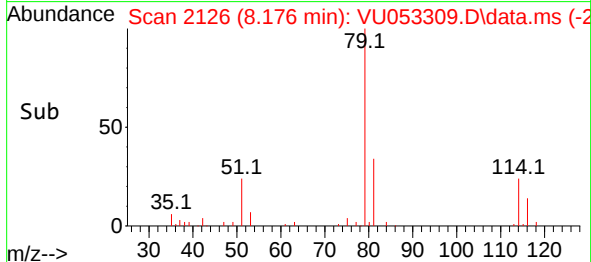
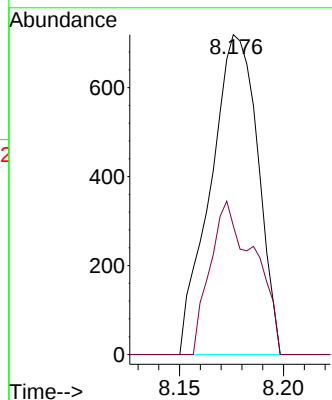
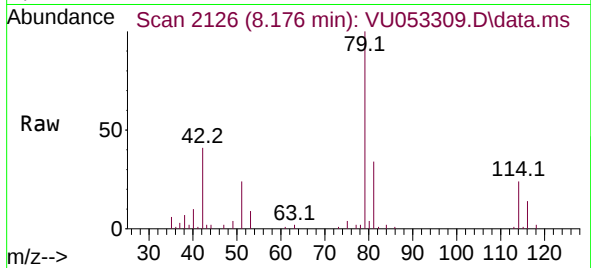




#44
trans-1,3-Dichloropropene
Concen: 0.823 ug/L
RT: 8.176 min Scan# 2139
Delta R.T. -0.029 min
Lab File: VU053309.D
Acq: 20 Mar 2023 16:21

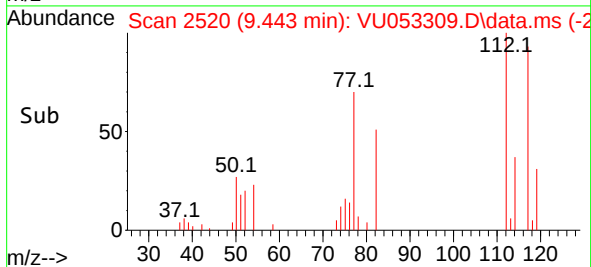
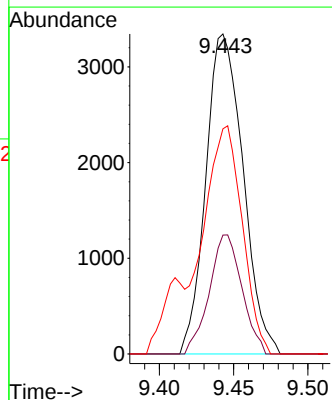
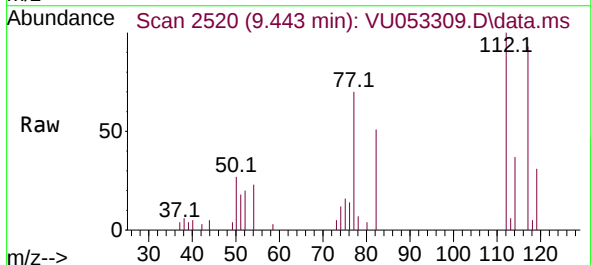
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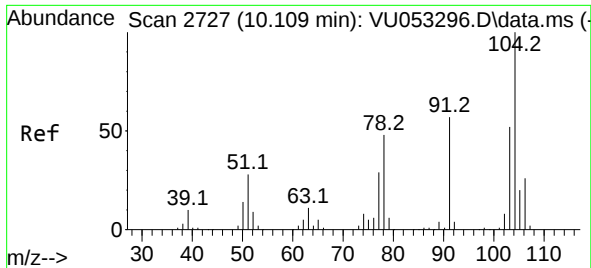
Tgt Ion: 75 Resp: 1139
Ion Ratio Lower Upper
75 100
77 40.2 22.0 40.8



#51
Chlorobenzene
Concen: 2.637 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU053309.D
Acq: 20 Mar 2023 16:21

Tgt Ion: 112 Resp: 5836
Ion Ratio Lower Upper
112 100
114 37.2 21.8 40.6
77 70.3 48.8 73.2





#55
 Styrene
 Concen: 1.446 ug/L
 RT: 10.111 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU053309.D
 Acq: 20 Mar 2023 16:21

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFD3

Tgt Ion:104 Resp: 3583
 Ion Ratio Lower Upper
 104 100
 78 46.1 32.9 61.1

