

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032023\
 Data File : VU053298.D
 Acq On : 20 Mar 2023 11:31
 Operator : JC/MD
 Sample : 01929-16DL 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE9DL

Quant Time: Mar 21 01:28:32 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)

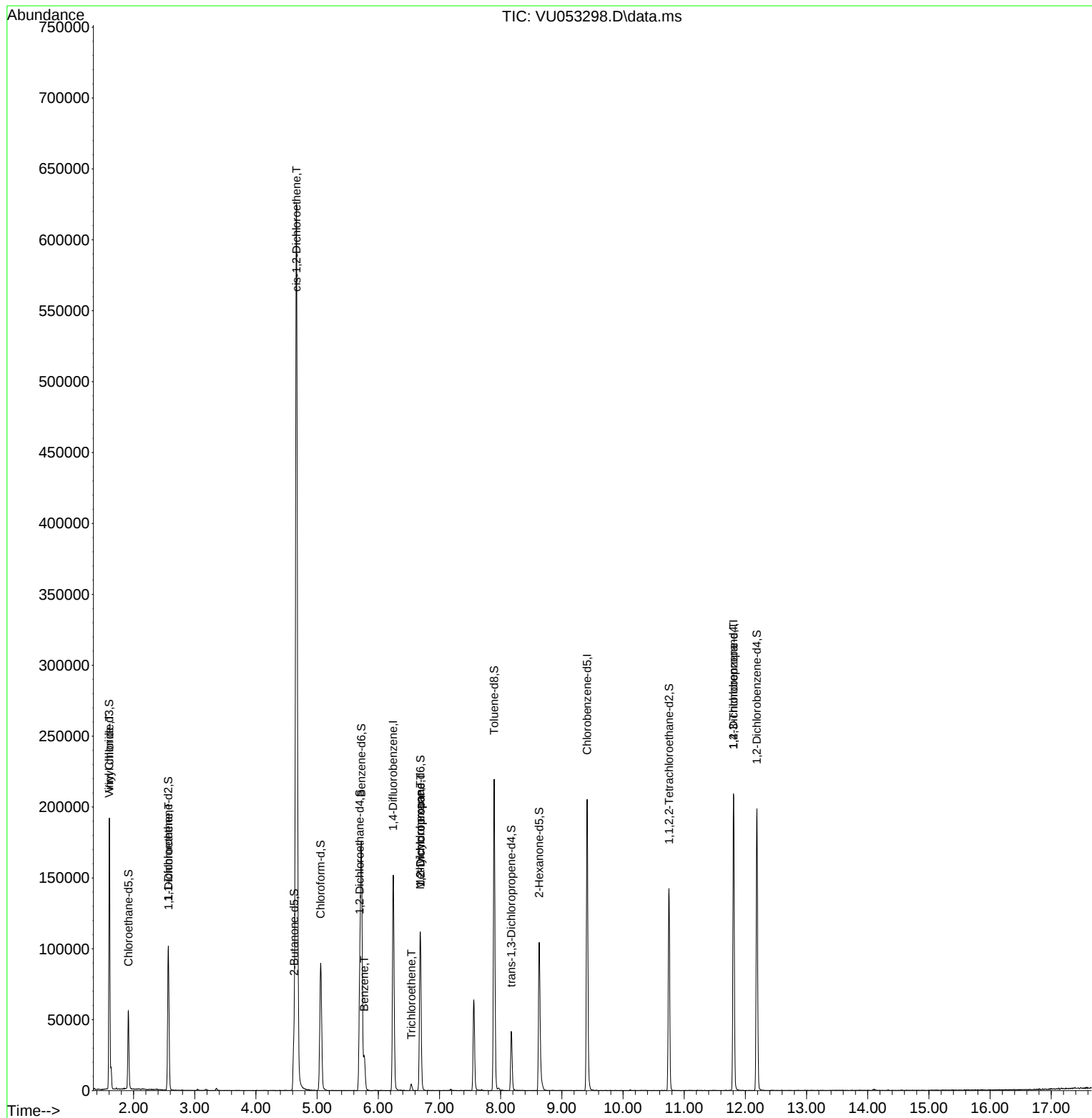
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	117859	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	109202	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	51420	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	42724	39.293	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.580%
7) Chloroethane-d5	1.916	69	38811	44.128	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.260%
11) 1,1-Dichloroethene-d2	2.568	63	59061	31.356	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.720%
21) 2-Butanone-d5	4.623	46	52262	103.632	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.630%
24) Chloroform-d	5.057	84	79654	44.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.960%
26) 1,2-Dichloroethane-d4	5.697	65	52478	47.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
32) Benzene-d6	5.723	84	165510	46.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.460%
36) 1,2-Dichloropropane-d6	6.687	67	54700	47.850	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.700%
41) Toluene-d8	7.893	98	147007	44.578	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.160%
43) trans-1,3-Dichloroprop...	8.173	79	25230	44.732	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.460%
47) 2-Hexanone-d5	8.629	63	39556	110.678	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.680%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	71029	47.964	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.920%
66) 1,2-Dichlorobenzene-d4	12.189	152	46665	46.870	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.740%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	93656	75.527	ug/L	97
12) 1,1-Dichloroethene	2.572	96	511	0.590	ug/L #	1
20) cis-1,2-Dichloroethene	4.662	96	309527	300.072	ug/L	99
33) Benzene	5.771	78	22583	5.965	ug/L	100
34) Trichloroethene	6.539	95	1548	1.568	ug/L #	85
35) Methylcyclohexane	6.684	83	12199	7.050	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	5906	5.591	ug/L #	90
60) 1,2,3-Trichloropropane	11.806	75	7883	7.715	ug/L #	68

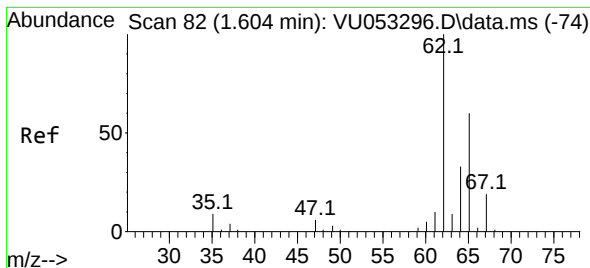
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 75.527 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU053298.D

Acq: 20 Mar 2023 11:31

Instrument :

MSVOA_U

ClientSampleId :

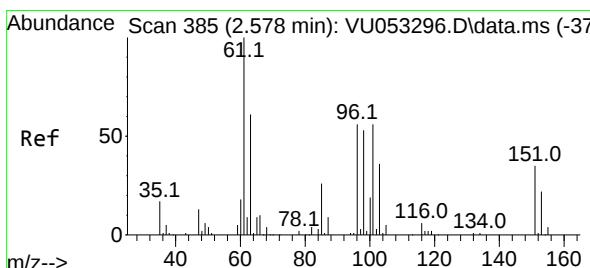
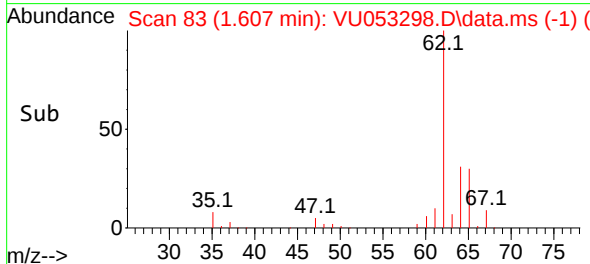
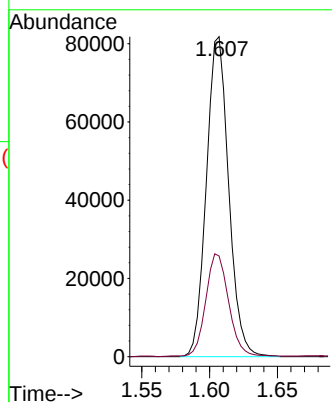
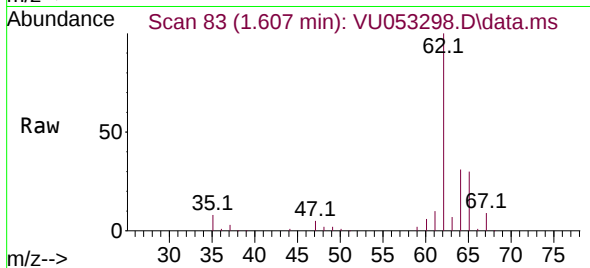
EYFE9DL

Tgt Ion: 62 Resp: 93656

Ion Ratio Lower Upper

62 100

64 31.5 23.2 43.0



#12

1,1-Dichloroethene

Concen: 0.590 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.007 min

Lab File: VU053298.D

Acq: 20 Mar 2023 11:31

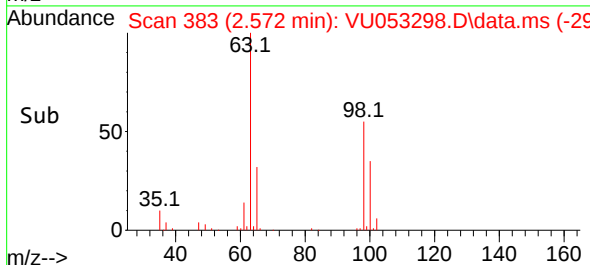
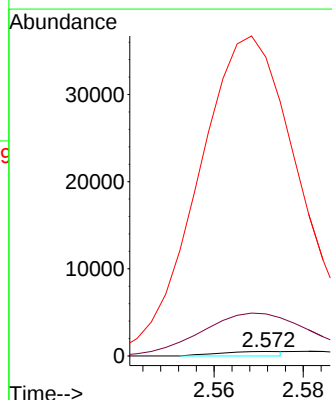
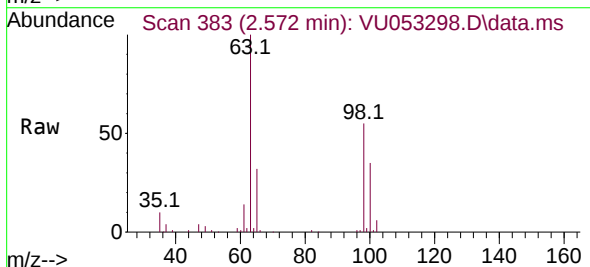
Tgt Ion: 96 Resp: 511

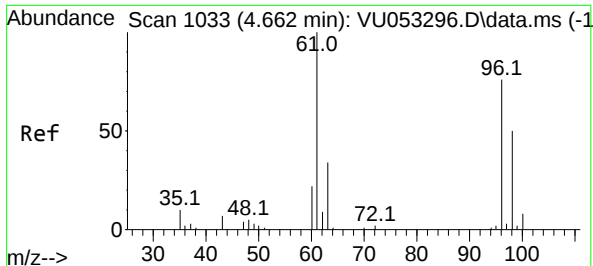
Ion Ratio Lower Upper

96 100

61 947.2 122.2 226.9#

63 6736.3 89.9 166.9#



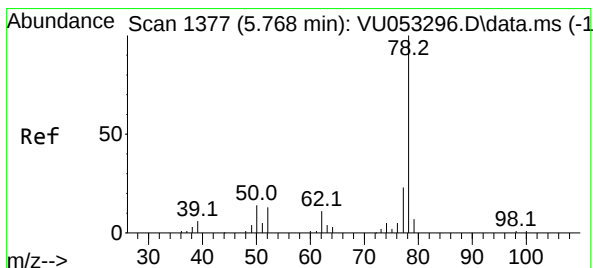
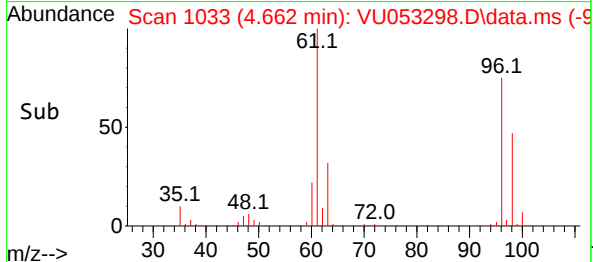
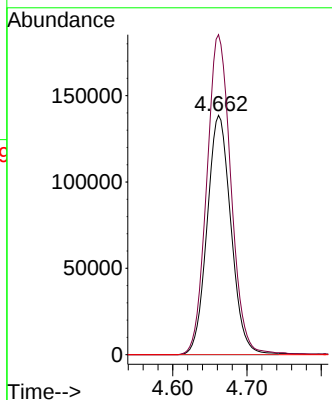
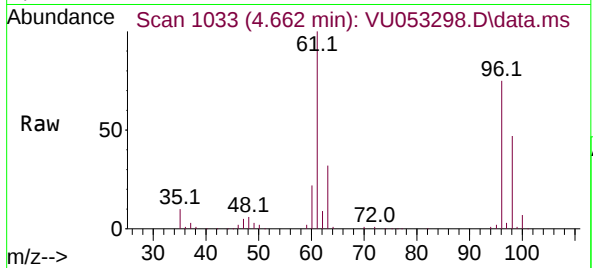


#20
 cis-1,2-Dichloroethene
 Concen: 300.072 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. -0.000 min
 Lab File: VU053298.D
 Acq: 20 Mar 2023 11:31

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE9DL

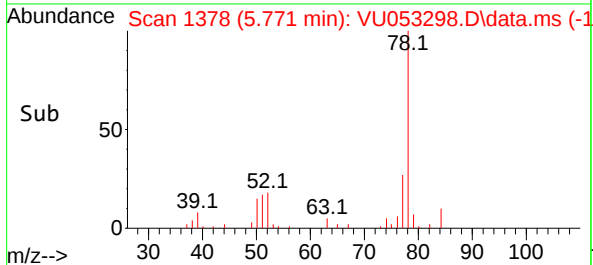
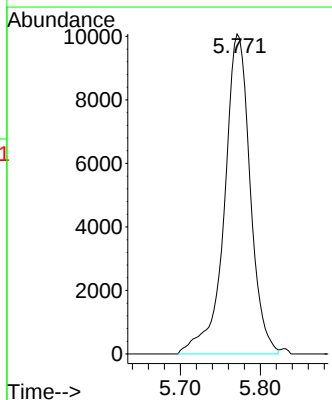
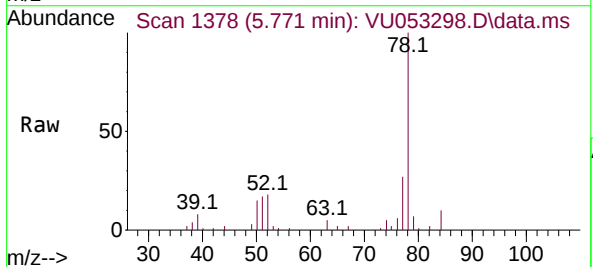
Tgt Ion: 96 Resp: 309527

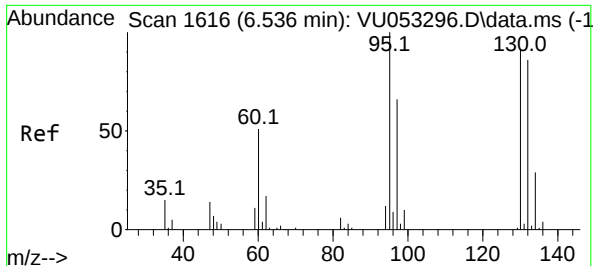
Ion	Ratio	Lower	Upper
96	100		
61	133.7	92.5	171.7
68	0.0	0.0	0.0



#33
 Benzene
 Concen: 5.965 ug/L
 RT: 5.771 min Scan# 1378
 Delta R.T. 0.003 min
 Lab File: VU053298.D
 Acq: 20 Mar 2023 11:31

Tgt Ion: 78 Resp: 22583

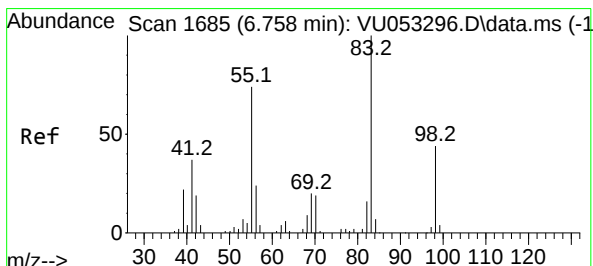
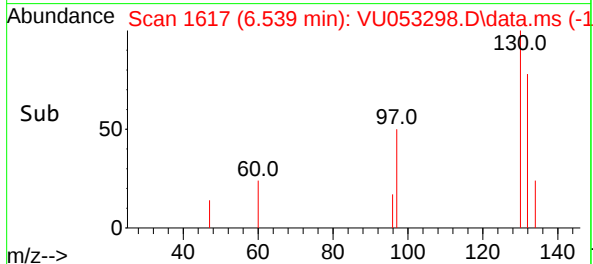
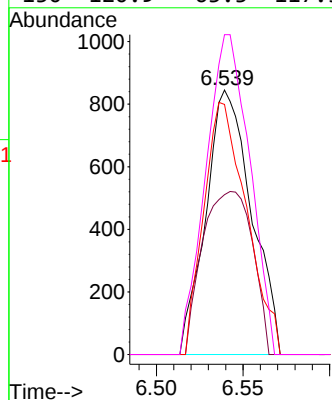
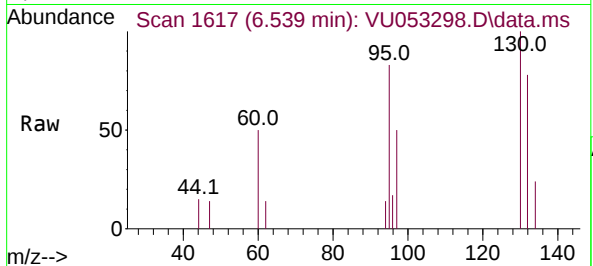




#34
Trichloroethene
Concen: 1.568 ug/L
RT: 6.539 min Scan# 1616
Delta R.T. 0.003 min
Lab File: VU053298.D
Acq: 20 Mar 2023 11:31

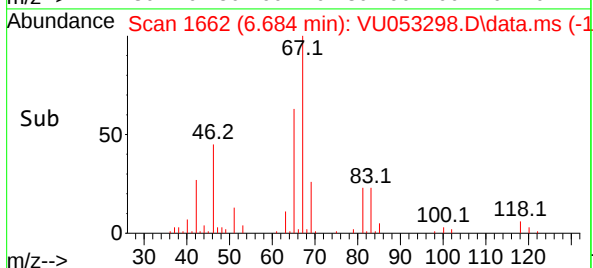
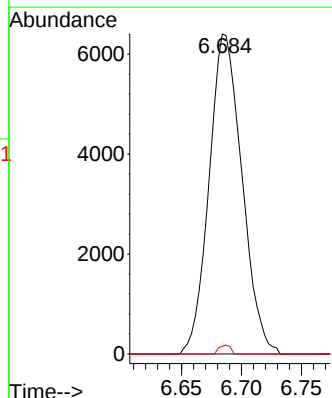
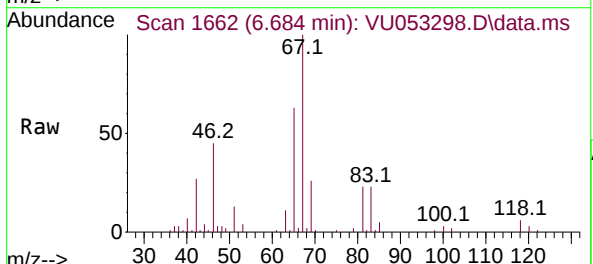
Instrument :
MSVOA_U
ClientSampleId :
EYFE9DL

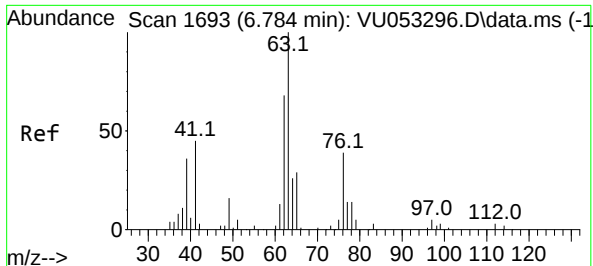
Tgt Ion: 95 Resp: 1548
Ion Ratio Lower Upper
95 100
97 60.5 43.8 81.3
132 94.6 61.5 114.3
130 120.9 63.3 117.5#



#35
Methylcyclohexane
Concen: 7.050 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053298.D
Acq: 20 Mar 2023 11:31

Tgt Ion: 83 Resp: 12199
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.4#
98 1.0 35.4 53.2#





#37

1,2-Dichloropropane

Concen: 5.591 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU053298.D

Acq: 20 Mar 2023 11:31

Instrument :

MSVOA_U

ClientSampleId :

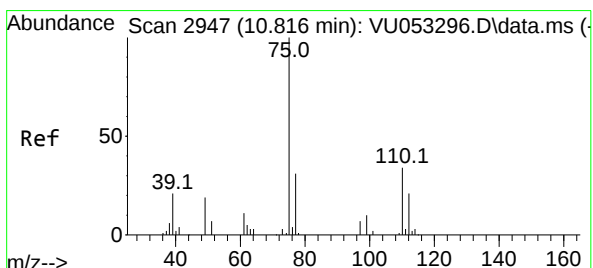
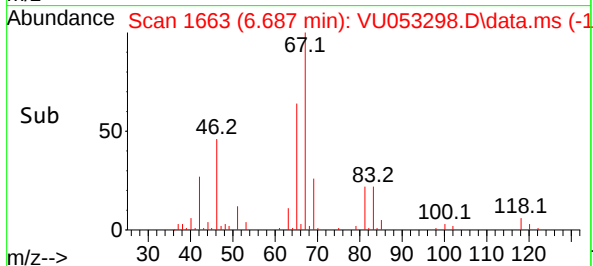
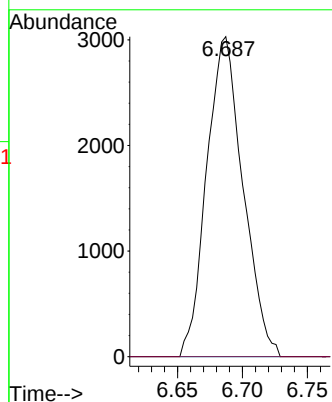
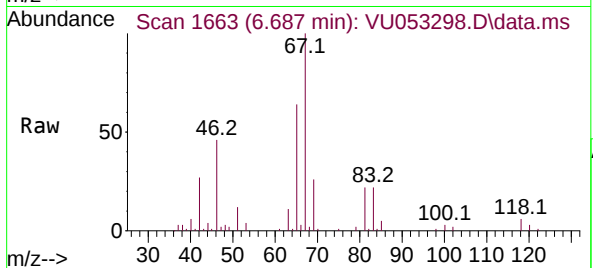
EYFE9DL

Tgt Ion: 63 Resp: 5906

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#60

1,2,3-Trichloropropane

Concen: 7.715 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.990 min

Lab File: VU053298.D

Acq: 20 Mar 2023 11:31

Tgt Ion: 75 Resp: 7883

Ion Ratio Lower Upper

75 100

77 32.4 26.6 40.0

110 0.0 28.6 42.8#

