

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122922\
 Data File : VU052607.D
 Acq On : 29 Dec 2022 16:21
 Operator : JC/MD
 Sample : N6171-19 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD5

Quant Time: Dec 30 00:59:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 30 00:58:31 2022
 Response via : Initial Calibration

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

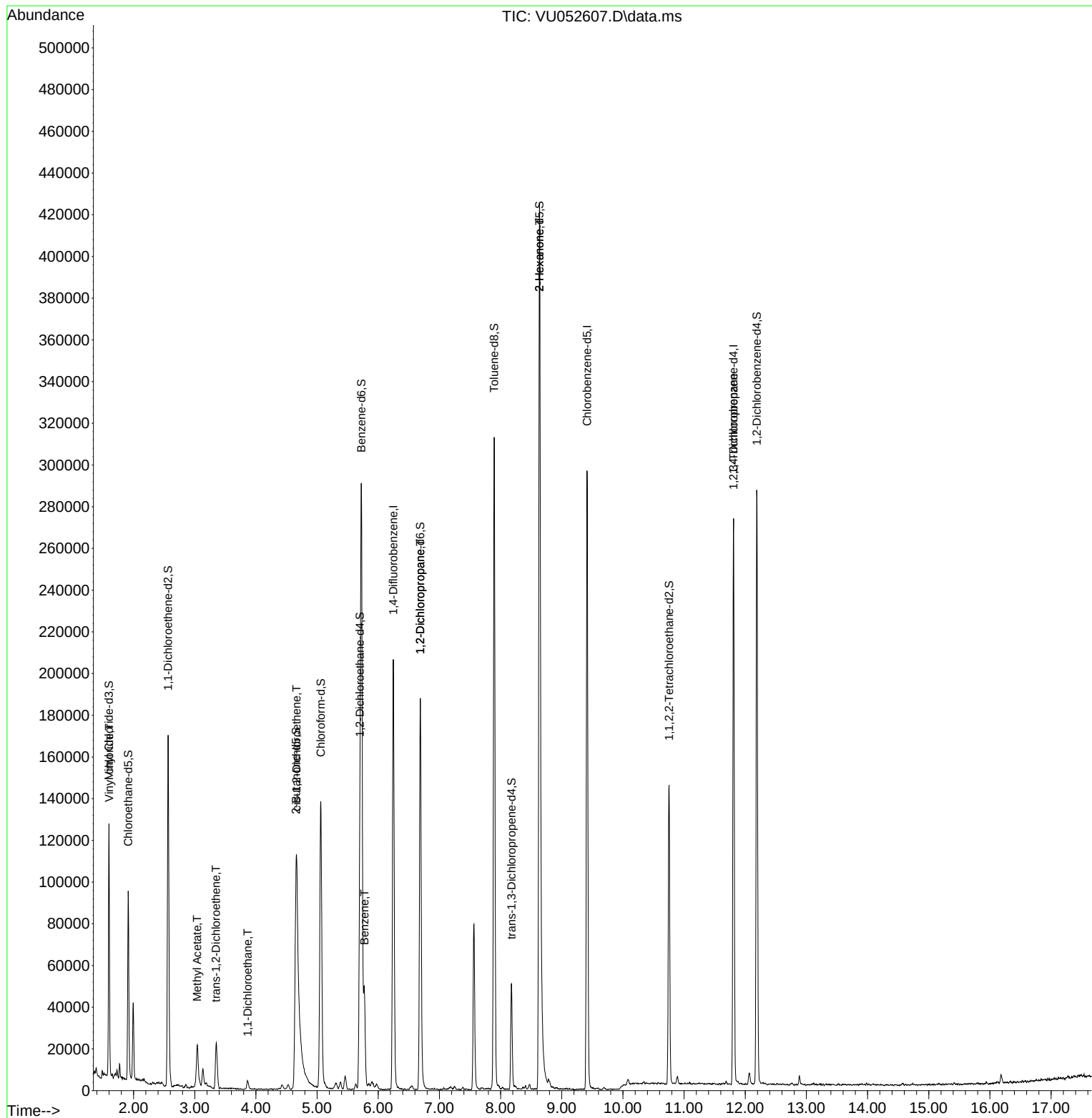
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	157940	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	155000	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	68563	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73396	4.587	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.912	69	67189	4.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.565	65	32951	4.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	4.658	46	227948	45.939	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.880%
24) Chloroform-d	5.060	84	128806	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.700	65	75571	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.726	84	266312	5.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.687	67	90502	4.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.896	98	203086	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.179	79	28643	4.573	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.636	63	158931	46.375	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.740%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	73729	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	72189	5.172	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.600	62	7841	0.426	ug/L	92
15) Methyl Acetate	3.038	43	8789	1.091	ug/L #	55
18) trans-1,2-Dichloroethene	3.346	96	6298	0.517	ug/L	96
19) 1,1-Dichloroethane	3.864	63	5007	0.189	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	24883	1.860	ug/L	98
33) Benzene	5.774	78	41214	0.738	ug/L	100
37) 1,2-Dichloropropane	6.687	63	9173	0.589	ug/L #	88
48) 2-Hexanone	8.636	43	21139	2.463	ug/L #	72
61) 1,2,3-Trichloropropane	11.806	75	9543	0.970	ug/L #	67

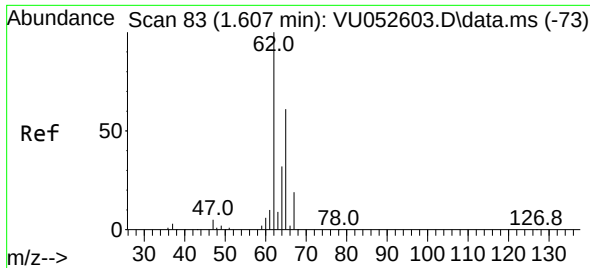
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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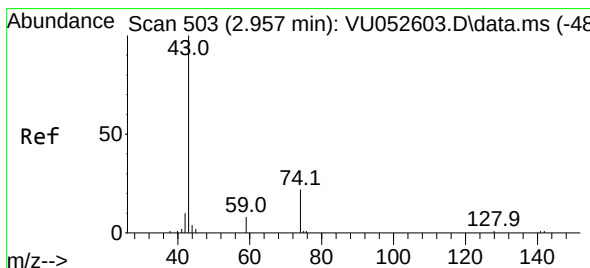
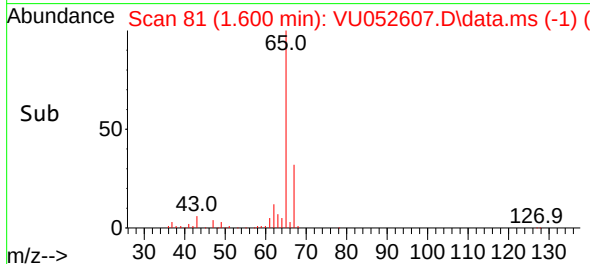
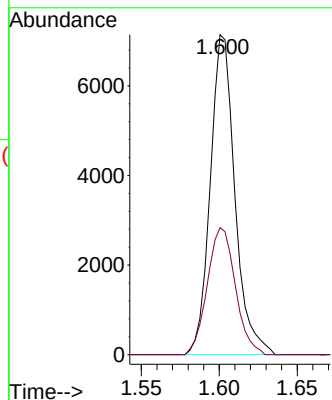
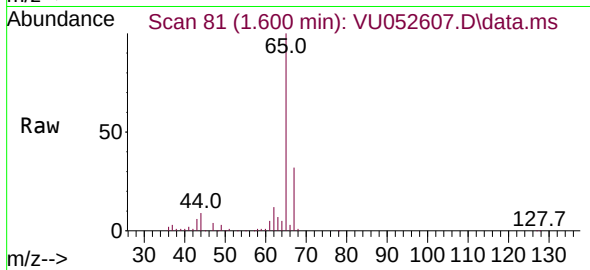




#5
 Vinyl chloride
 Concen: 0.426 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.007 min
 Lab File: VU052607.D
 Acq: 29 Dec 2022 16:21

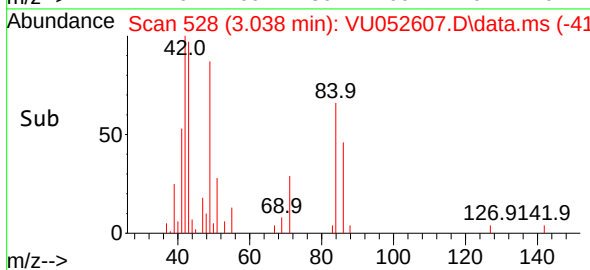
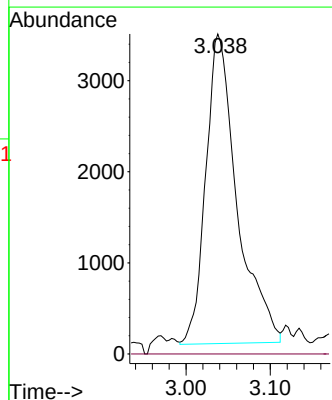
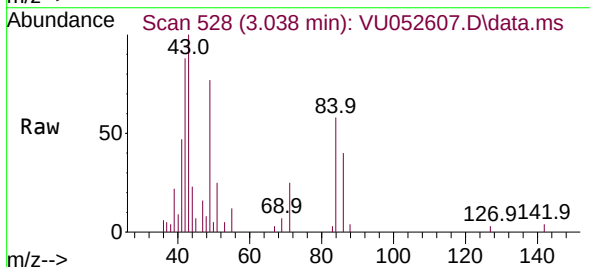
Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD5

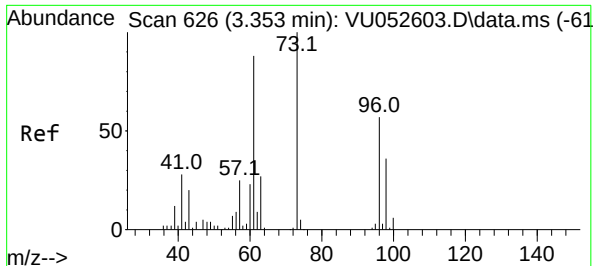
Tgt Ion: 62 Resp: 7841
 Ion Ratio Lower Upper
 62 100
 64 39.7 24.4 45.4



#15
 Methyl Acetate
 Concen: 1.091 ug/L
 RT: 3.038 min Scan# 528
 Delta R.T. 0.080 min
 Lab File: VU052607.D
 Acq: 29 Dec 2022 16:21

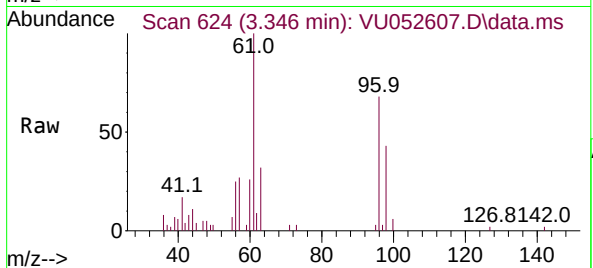
Tgt Ion: 43 Resp: 8789
 Ion Ratio Lower Upper
 43 100
 74 0.0 16.9 25.3



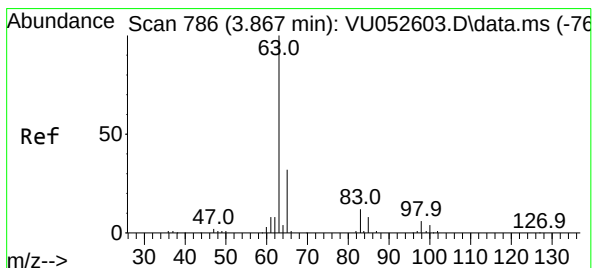
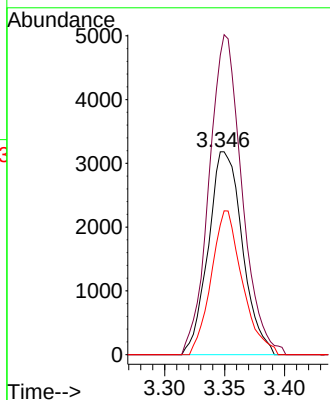
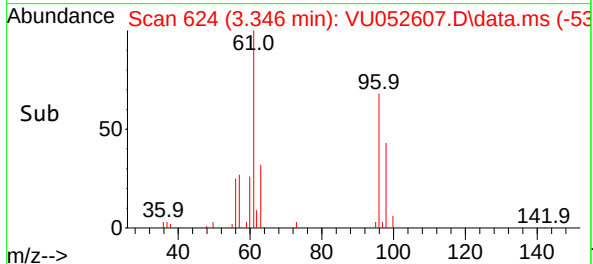


#18
trans-1,2-Dichloroethene
Concen: 0.517 ug/L
RT: 3.346 min Scan# 61
Delta R.T. -0.007 min
Lab File: VU052607.D
Acq: 29 Dec 2022 16:21

Instrument :
MSVOA_U
ClientSampleId :
GBQD5

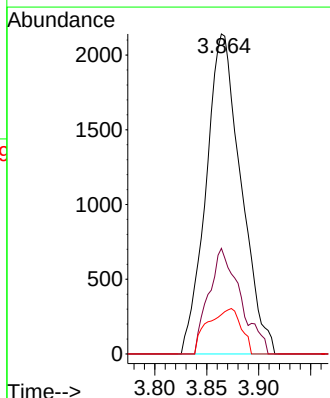
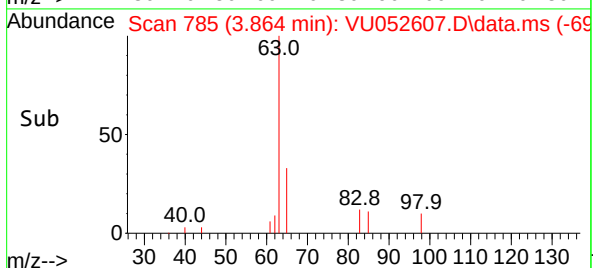
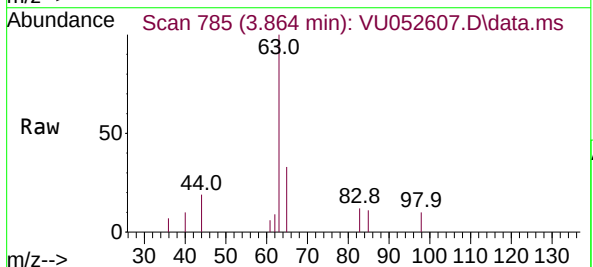


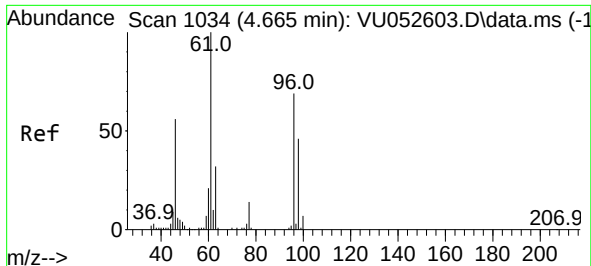
Tgt Ion: 96 Resp: 6298
Ion Ratio Lower Upper
96 100
61 147.6 108.3 201.1
98 63.9 44.0 81.6



#19
1,1-Dichloroethane
Concen: 0.189 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.003 min
Lab File: VU052607.D
Acq: 29 Dec 2022 16:21

Tgt Ion: 63 Resp: 5007
Ion Ratio Lower Upper
63 100
65 33.0 22.0 40.8
83 12.3 9.0 16.8





#22

cis-1,2-Dichloroethene

Concen: 1.860 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU052607.D

Acq: 29 Dec 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

GBQD5

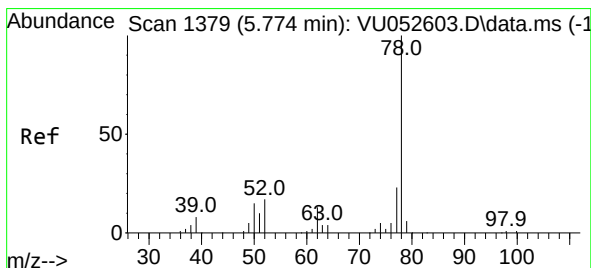
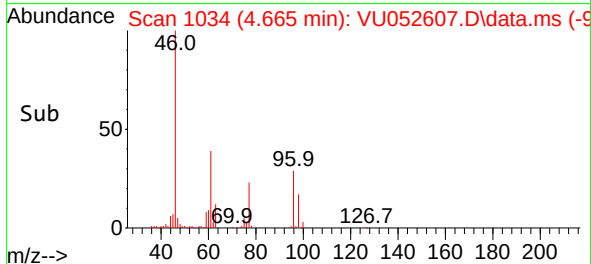
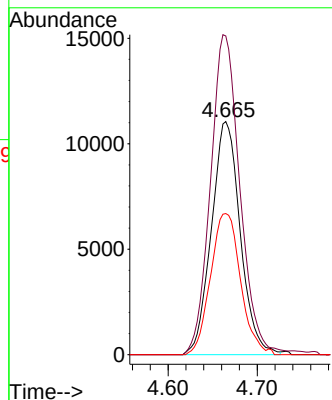
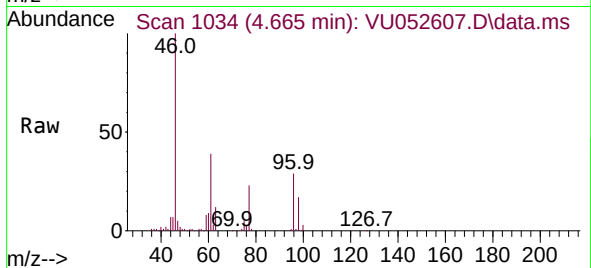
Tgt Ion: 96 Resp: 24883

Ion Ratio Lower Upper

96 100

61 136.6 96.9 180.1

98 60.5 44.7 83.1



#33

Benzene

Concen: 0.738 ug/L

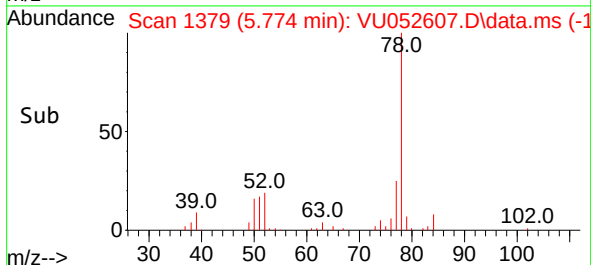
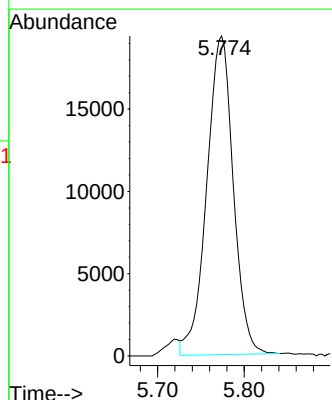
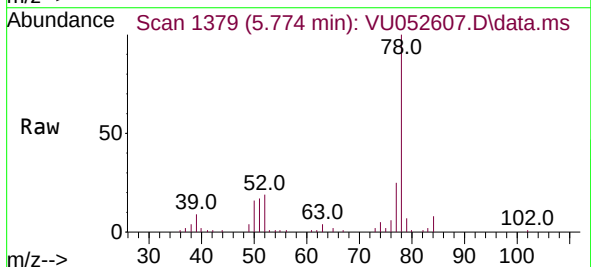
RT: 5.774 min Scan# 1379

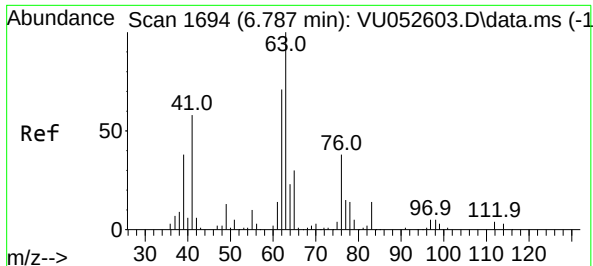
Delta R.T. -0.000 min

Lab File: VU052607.D

Acq: 29 Dec 2022 16:21

Tgt Ion: 78 Resp: 41214

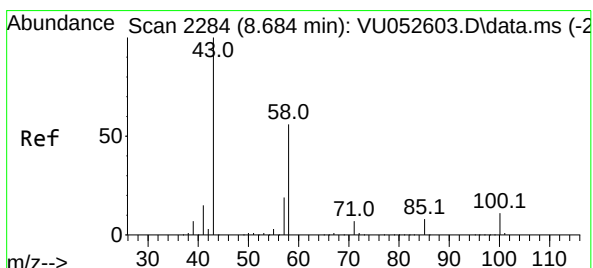
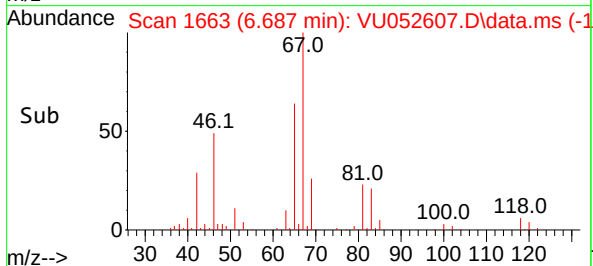
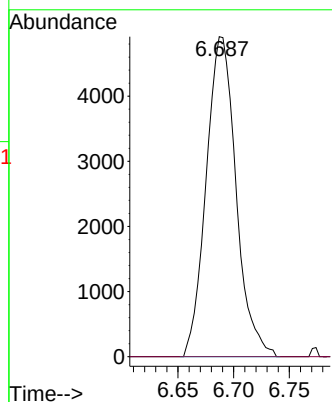
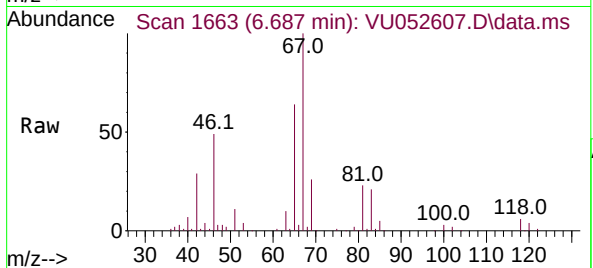




#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052607.D
Acq: 29 Dec 2022 16:21

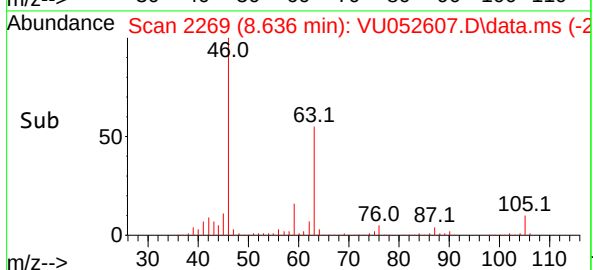
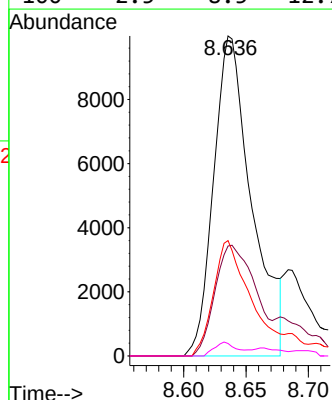
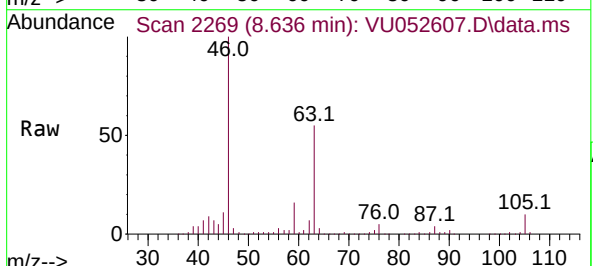
Instrument :
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ClientSampleId :
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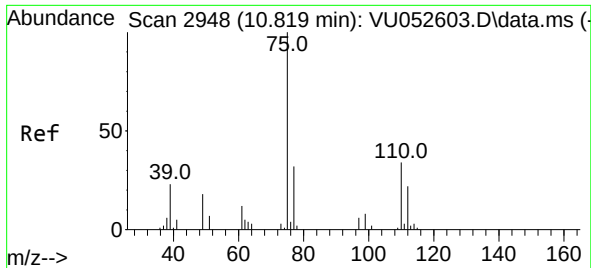
Tgt Ion: 63 Resp: 9173
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



#48
2-Hexanone
Concen: 2.463 ug/L
RT: 8.636 min Scan# 2269
Delta R.T. -0.048 min
Lab File: VU052607.D
Acq: 29 Dec 2022 16:21

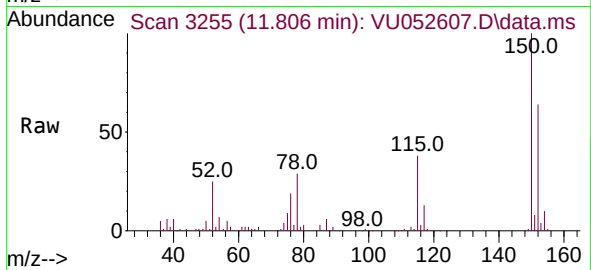
Tgt Ion: 43 Resp: 21139
Ion Ratio Lower Upper
43 100
58 37.1 44.1 66.1#
57 35.6 14.6 21.8#
100 2.5 8.5 12.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.970 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052607.D
 Acq: 29 Dec 2022 16:21

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 9543
 Ion Ratio Lower Upper
 75 100
 110 0.7 27.9 41.9#
 77 30.0 25.9 38.9

