

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020523\
 Data File : VU052965.D
 Acq On : 05 Feb 2023 19:48
 Operator : JC/MD
 Sample : 01440-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM15

Quant Time: Feb 05 22:00:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

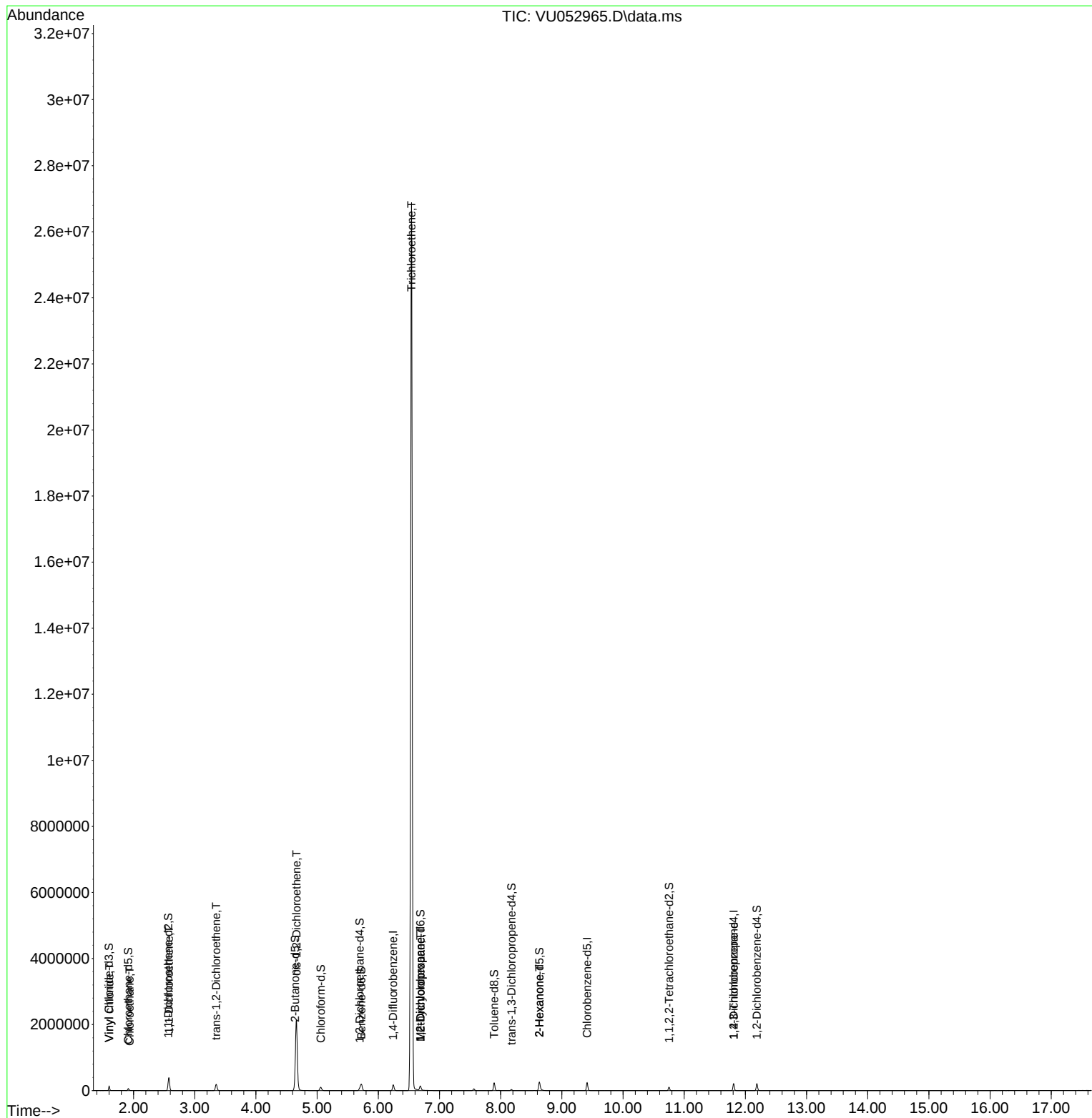
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	147139	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.414	117	140521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	59817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44327	3.429	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.912	69	45562	4.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.565	65	20333	3.572	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.639	46	131355	38.004	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.000%
24) Chloroform-d	5.060	84	101728	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.697	65	52394	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	5.723	84	199153	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.687	67	63612	4.191	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.893	98	159890	3.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.176	79	20844	3.693	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.632	63	88015	37.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.080%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	52434	4.512	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	58986	5.417	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	60822	3.312	ug/L	99
8) Chloroethane	1.935	64	4099	0.367	ug/L	93
12) 1,1-Dichloroethene	2.578	96	121544	9.528	ug/L	# 72
18) trans-1,2-Dichloroethene	3.350	96	86735	6.667	ug/L	85
22) cis-1,2-Dichloroethene	4.662	96	1155099	82.676	ug/L	89
34) Trichloroethene	6.543	95	9232137	701.717	ug/L	96
35) Methylcyclohexane	6.687	83	15103	0.695	ug/L	# 15
37) 1,2-Dichloropropane	6.687	63	6980	0.468	ug/L	# 90
48) 2-Hexanone	8.632	43	11322	1.811	ug/L	# 80
61) 1,2,3-Trichloropropane	11.809	75	6426	0.924	ug/L	# 66

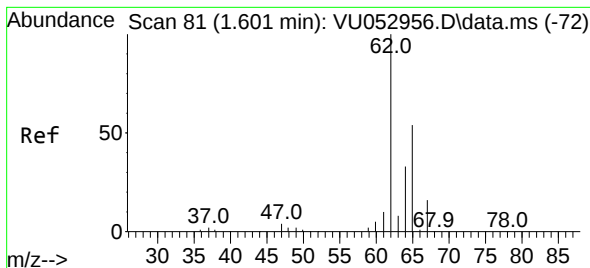
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.312 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.003 min

Lab File: VU052965.D

Acq: 05 Feb 2023 19:48

Instrument :

MSVOA_U

ClientSampleId :

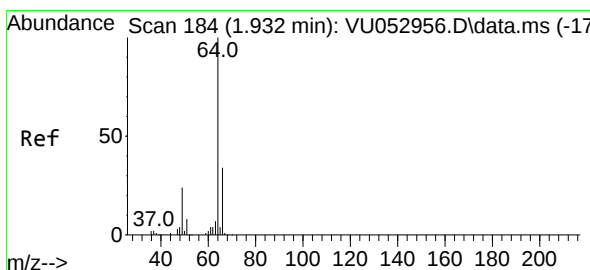
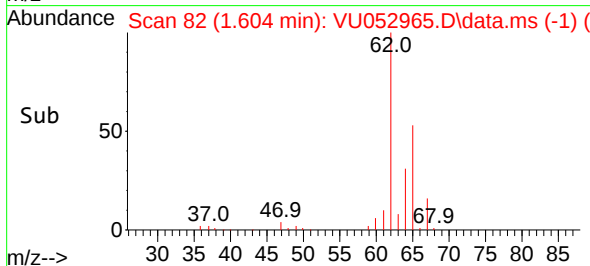
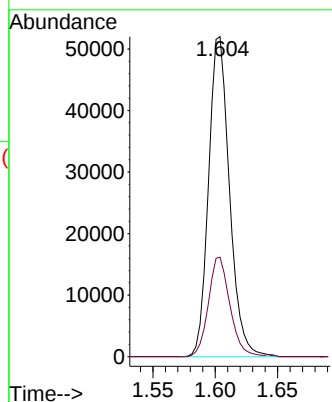
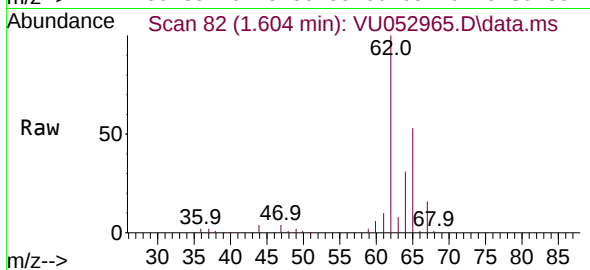
COM15

Tgt Ion: 62 Resp: 60822

Ion Ratio Lower Upper

62 100

64 31.1 22.3 41.3



#8

Chloroethane

Concen: 0.367 ug/L

RT: 1.935 min Scan# 185

Delta R.T. 0.003 min

Lab File: VU052965.D

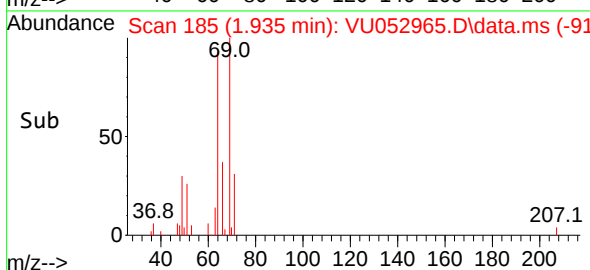
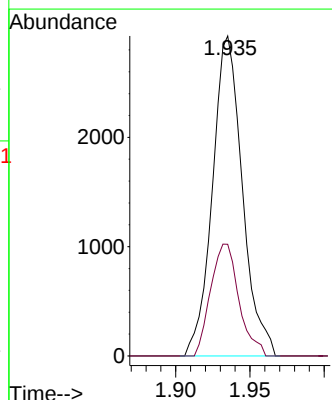
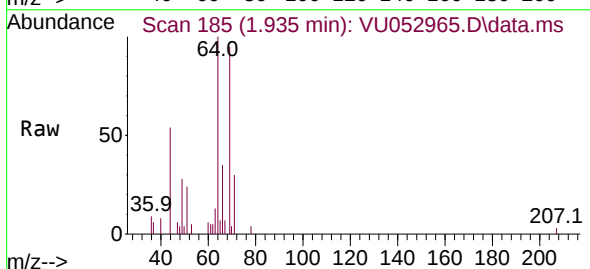
Acq: 05 Feb 2023 19:48

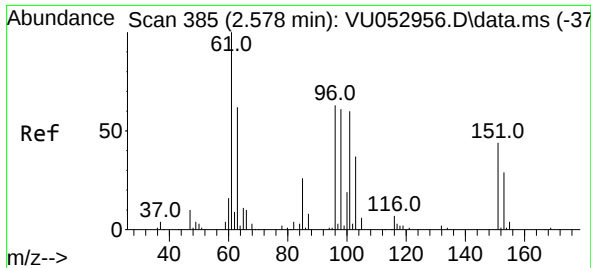
Tgt Ion: 64 Resp: 4099

Ion Ratio Lower Upper

64 100

66 34.9 21.6 40.2

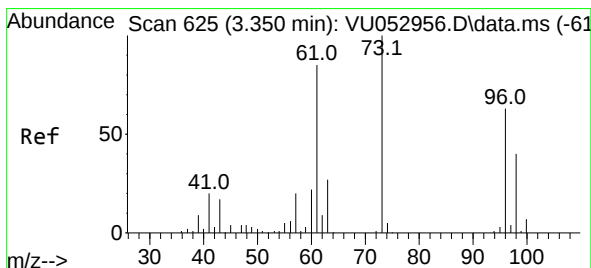
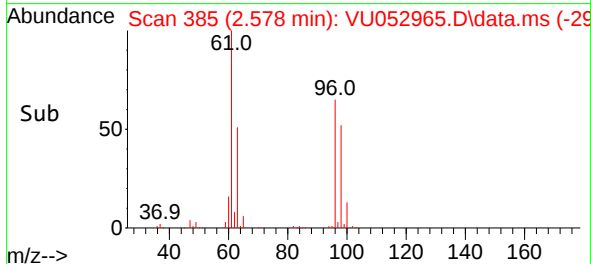
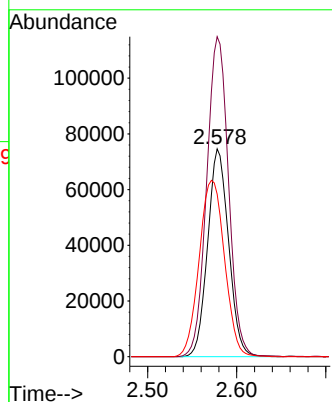
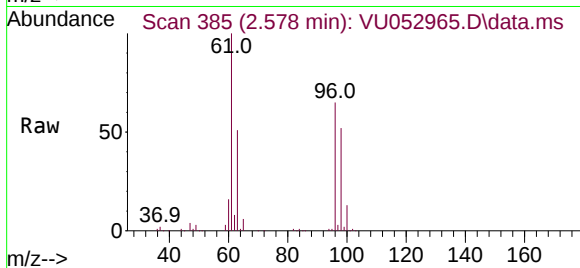




#12
1,1-Dichloroethene
Concen: 9.528 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU052965.D
Acq: 05 Feb 2023 19:48

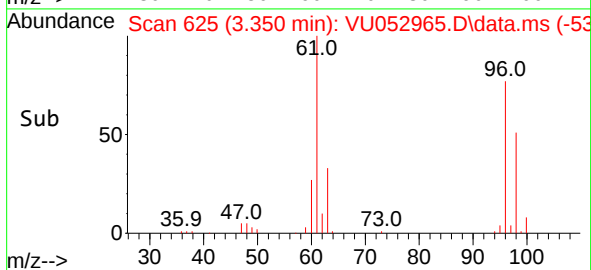
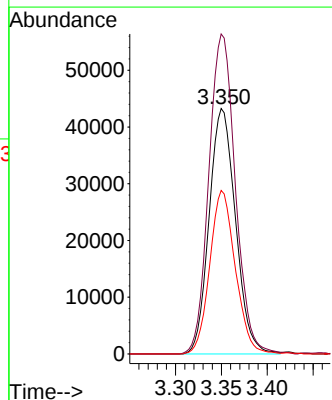
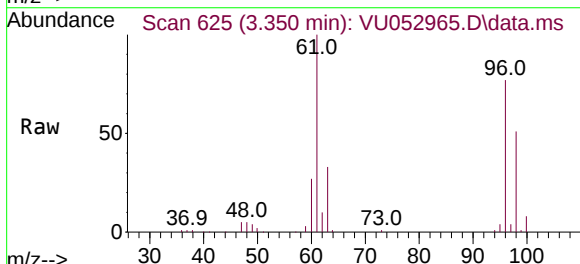
Instrument :
MSVOA_U
ClientSampleId :
COM15

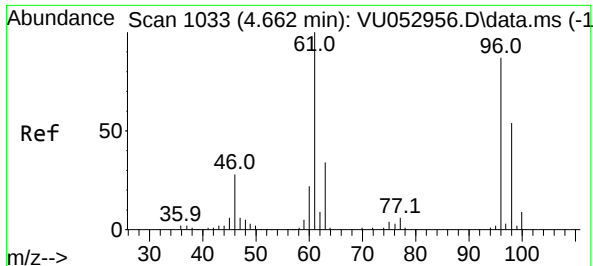
Tgt Ion: 96 Resp: 121544
Ion Ratio Lower Upper
96 100
61 154.0 129.6 240.8
63 78.2 83.7 155.5#



#18
trans-1,2-Dichloroethene
Concen: 6.667 ug/L
RT: 3.350 min Scan# 625
Delta R.T. 0.000 min
Lab File: VU052965.D
Acq: 05 Feb 2023 19:48

Tgt Ion: 96 Resp: 86735
Ion Ratio Lower Upper
96 100
61 130.4 108.4 201.4
98 66.7 43.8 81.4





#22

cis-1,2-Dichloroethene

Concen: 82.676 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052965.D

Acq: 05 Feb 2023 19:48

Instrument :

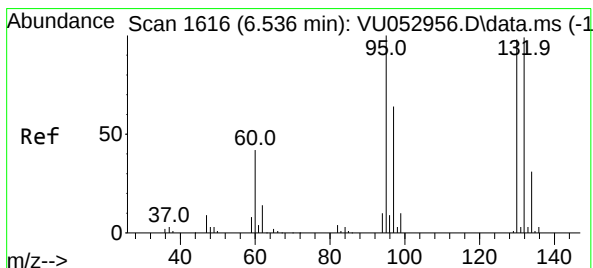
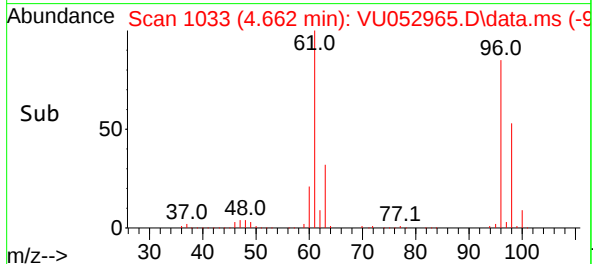
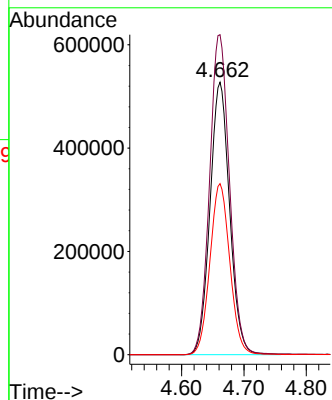
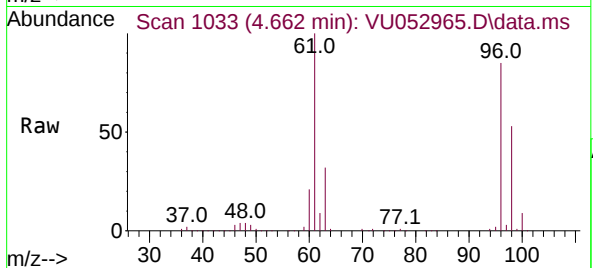
MSVOA_U

ClientSampleId :

COM15

Tgt Ion: 96 Resp: 1155099

Ion	Ratio	Lower	Upper
96	100		
61	117.5	94.6	175.8
98	62.8	43.3	80.3



#34

Trichloroethene

Concen: 701.717 ug/L

RT: 6.543 min Scan# 1618

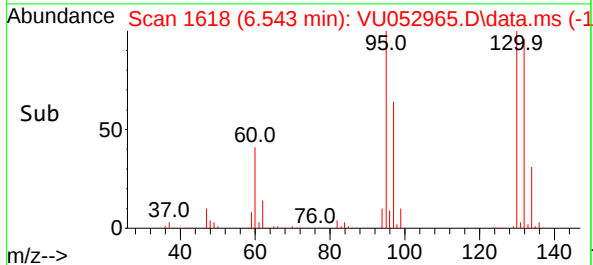
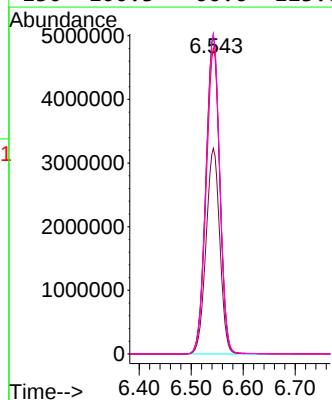
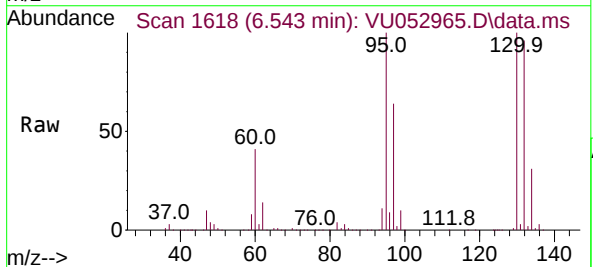
Delta R.T. 0.006 min

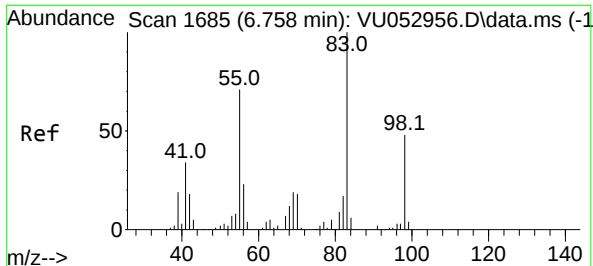
Lab File: VU052965.D

Acq: 05 Feb 2023 19:48

Tgt Ion: 95 Resp: 9232137

Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.0	85.4
132	95.9	64.0	118.8
130	100.3	66.6	123.8





#35

Methylcyclohexane

Concen: 0.695 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU052965.D

Acq: 05 Feb 2023 19:48

Instrument :

MSVOA_U

ClientSampleId :

COM15

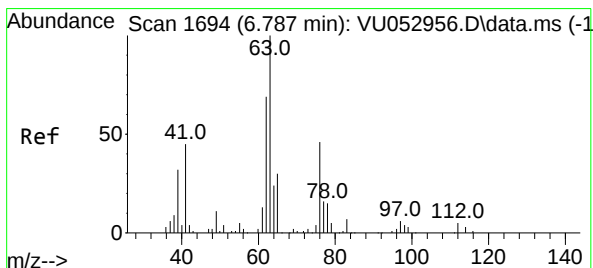
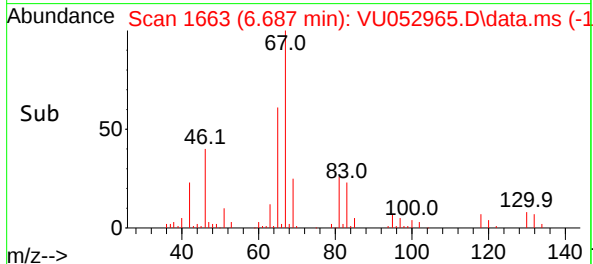
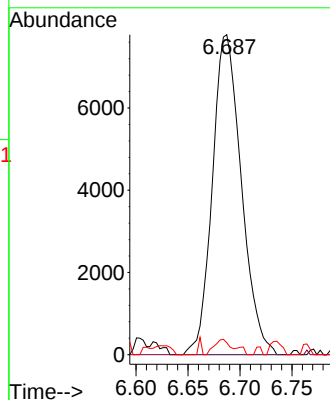
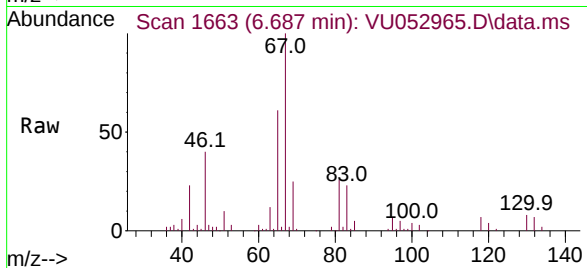
Tgt Ion: 83 Resp: 15103

Ion Ratio Lower Upper

83 100

55 0.1 67.6 101.4#

98 0.0 37.1 55.7#



#37

1,2-Dichloropropane

Concen: 0.468 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU052965.D

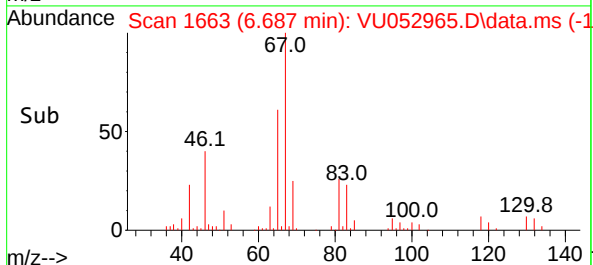
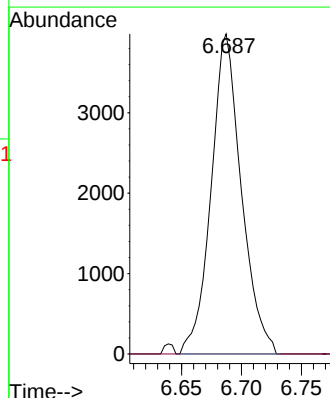
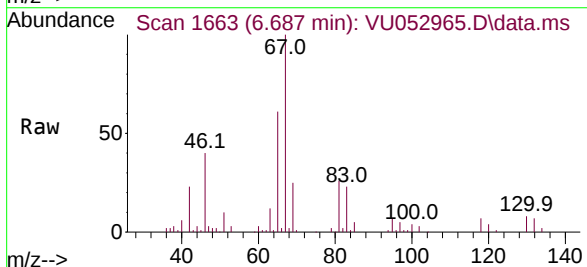
Acq: 05 Feb 2023 19:48

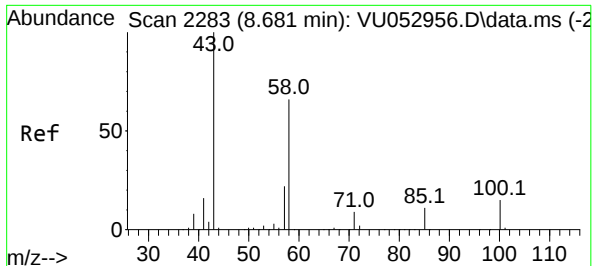
Tgt Ion: 63 Resp: 6980

Ion Ratio Lower Upper

63 100

112 0.3 2.9 4.3#

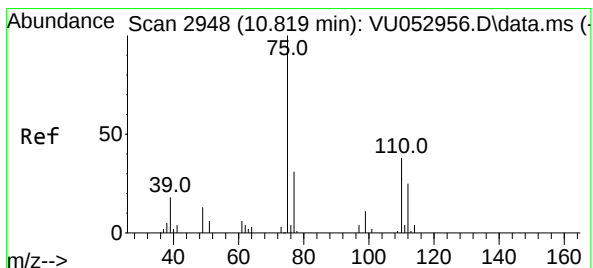
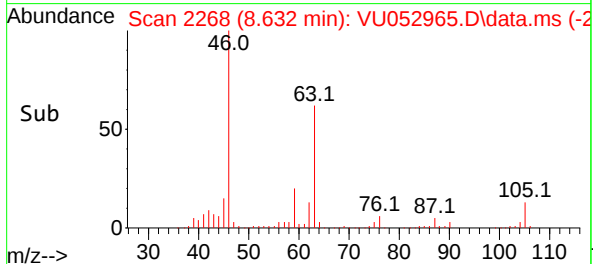
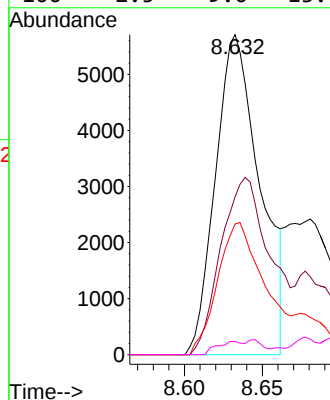
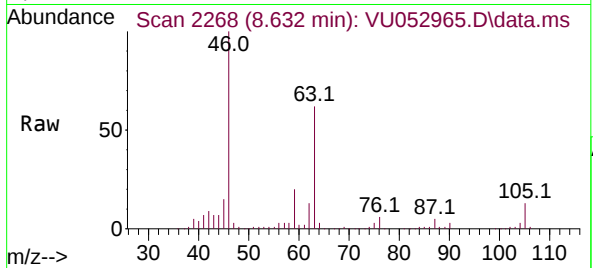




#48
2-Hexanone
Concen: 1.811 ug/L
RT: 8.632 min Scan# 211
Delta R.T. -0.048 min
Lab File: VU052965.D
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Tgt Ion: 43	Resp: 11322
Ion Ratio	Lower Upper
43 100	
58 61.9	45.1 67.7
57 43.8	15.1 22.7#
100 2.5	9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 0.924 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052965.D
Acq: 05 Feb 2023 19:48

Tgt Ion: 75	Resp: 6426
Ion Ratio	Lower Upper
75 100	
110 0.7	27.2 40.8#
77 33.9	24.0 36.0

