

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052538.D
 Acq On : 23 Dec 2022 15:35
 Operator : JC/MD
 Sample : N6188-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0L45

Quant Time: Dec 24 03:56:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

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

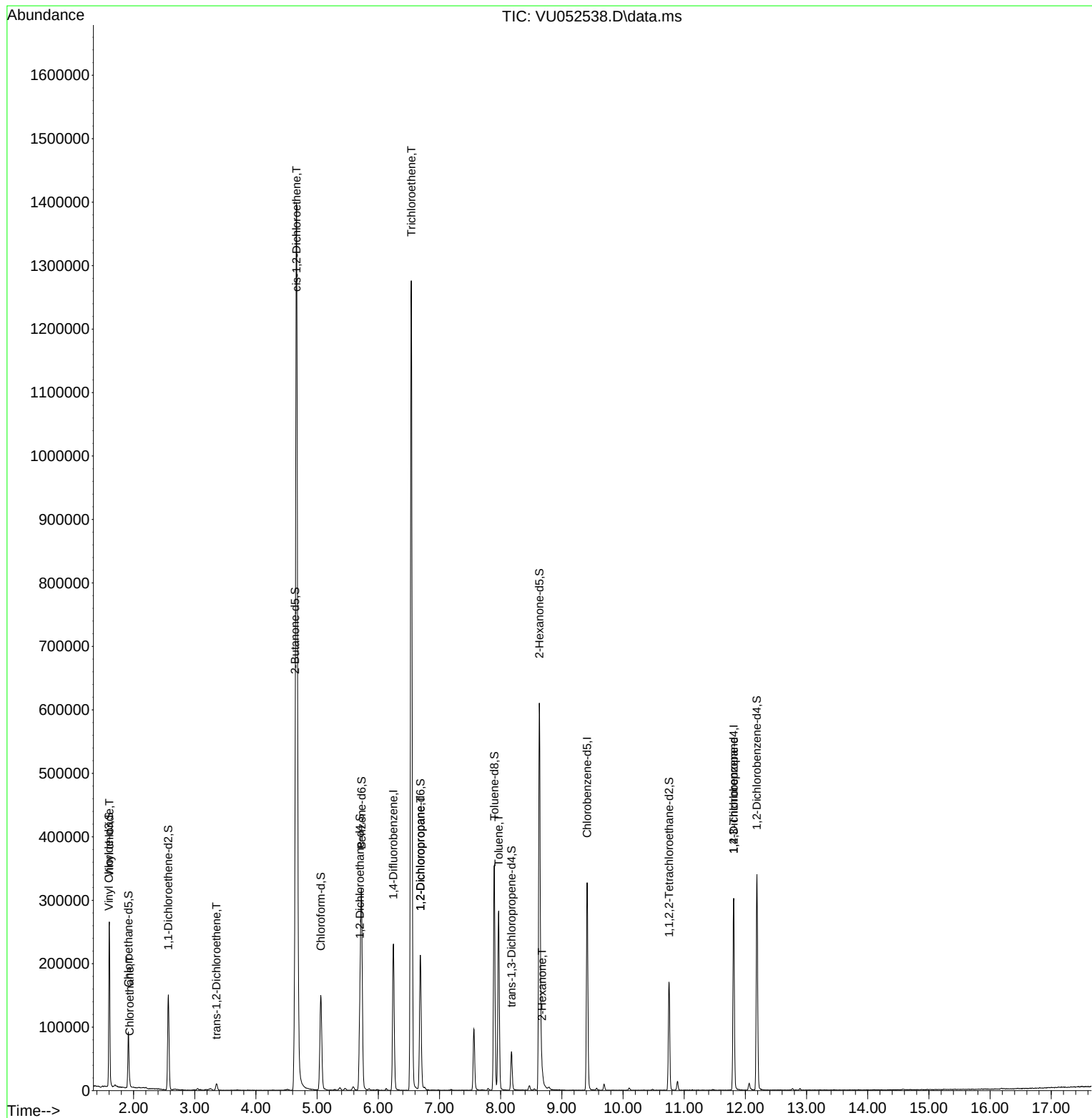
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	178641	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	172012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	75250	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	67744	3.743	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.916	69	64621	4.140	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.800%	
11) 1,1-Dichloroethene-d2	2.568	65	29743	3.819	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.400%	
20) 2-Butanone-d5	4.642	46	322728	57.504	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.000%	
24) Chloroform-d	5.060	84	140481	4.601	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.700	65	86187	4.866	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	5.726	84	286336	4.855	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
36) 1,2-Dichloropropane-d6	6.687	67	103723	5.109	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.896	98	231176	4.669	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
43) trans-1,3-Dichloroprop...	8.176	79	34691	4.990	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.800%	
46) 2-Hexanone-d5	8.632	63	219402	57.688	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	115.380%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	86657	5.028	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	12.189	152	85335	5.570	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	131259	6.311	ug/L	95
8) Chloroethane	1.938	64	3935	0.276	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	4119	0.299	ug/L	91
22) cis-1,2-Dichloroethene	4.665	96	653687	43.199	ug/L	98
34) Trichloroethene	6.539	95	440204	30.392	ug/L	99
37) 1,2-Dichloropropane	6.687	63	10838	0.627	ug/L #	88
42) Toluene	7.967	91	197839	3.330	ug/L	99
48) 2-Hexanone	8.677	43	6242	0.655	ug/L #	48
61) 1,2,3-Trichloropropane	11.809	75	10115	0.937	ug/L #	70

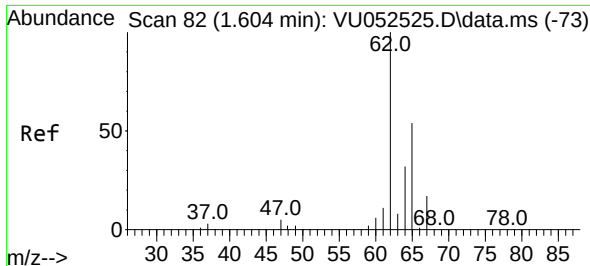
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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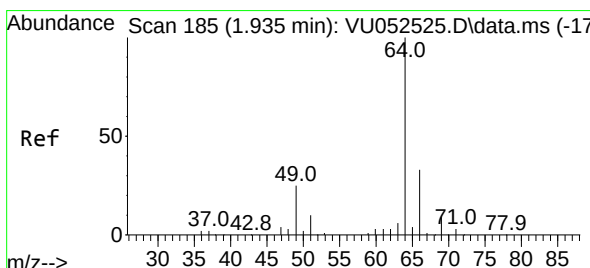
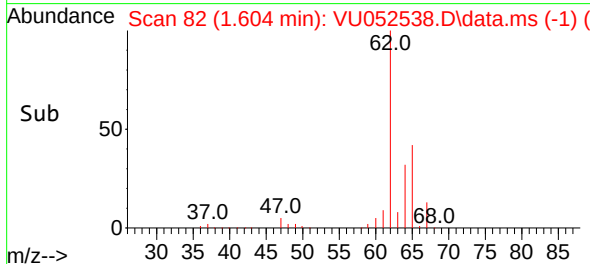
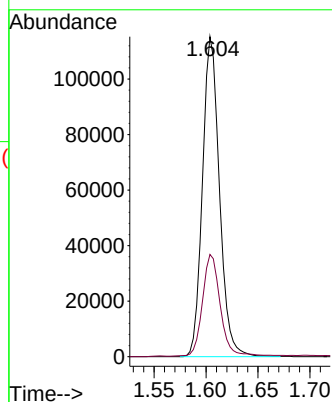
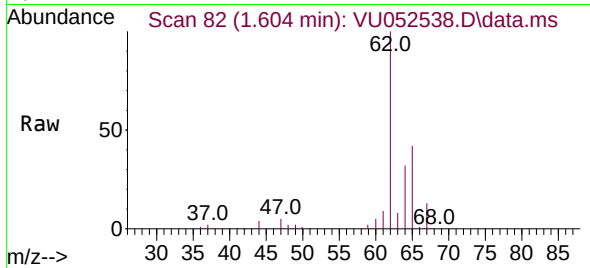




#5
 Vinyl chloride
 Concen: 6.311 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052538.D
 Acq: 23 Dec 2022 15:35

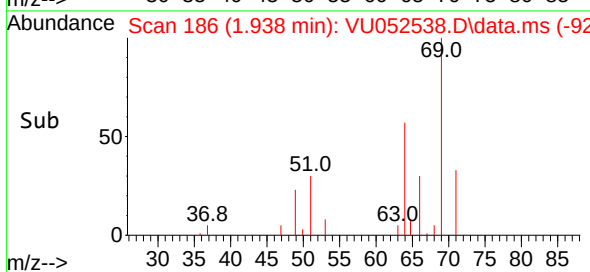
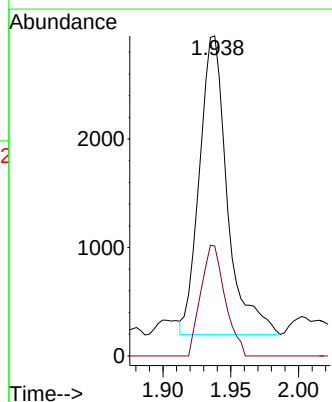
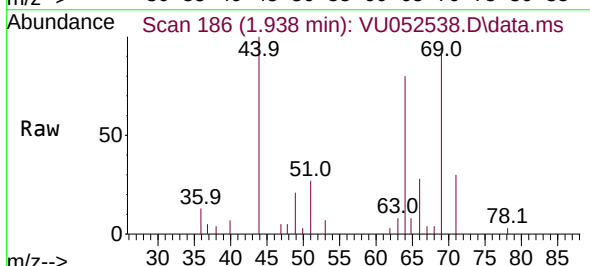
Instrument :
 MSVOA_U
 ClientSampleId :
 COL45

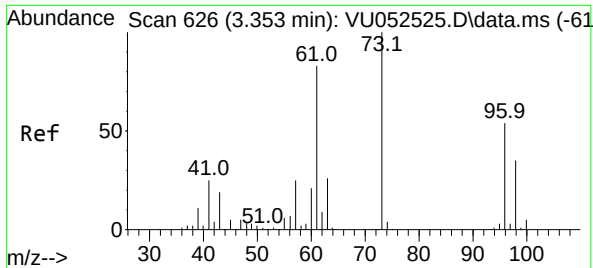
Tgt Ion: 62 Resp: 131259
 Ion Ratio Lower Upper
 62 100
 64 32.0 24.4 45.4



#8
 Chloroethane
 Concen: 0.276 ug/L
 RT: 1.938 min Scan# 186
 Delta R.T. 0.003 min
 Lab File: VU052538.D
 Acq: 23 Dec 2022 15:35

Tgt Ion: 64 Resp: 3935
 Ion Ratio Lower Upper
 64 100
 66 31.4 21.3 39.5

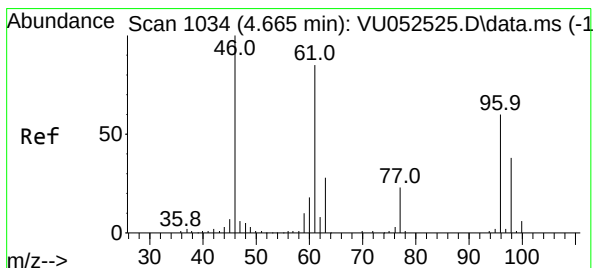
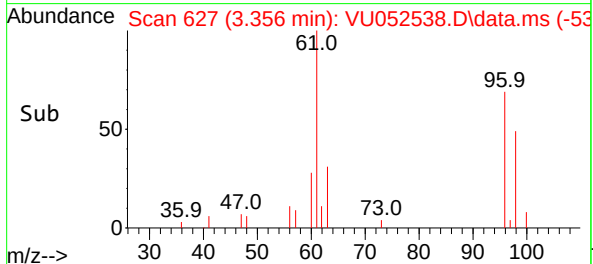
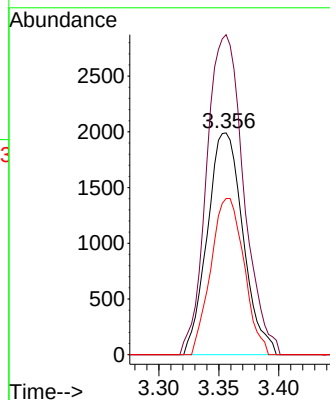
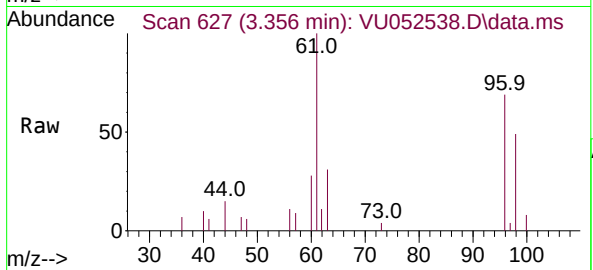




#18
trans-1,2-Dichloroethene
Concen: 0.299 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052538.D
Acq: 23 Dec 2022 15:35

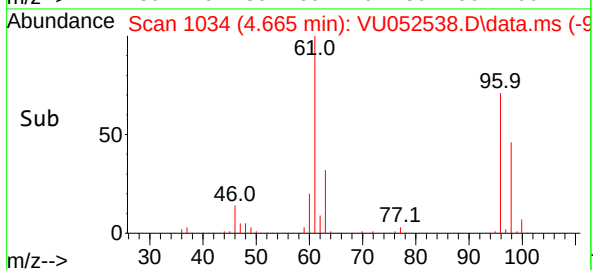
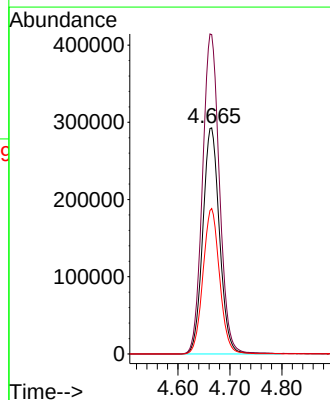
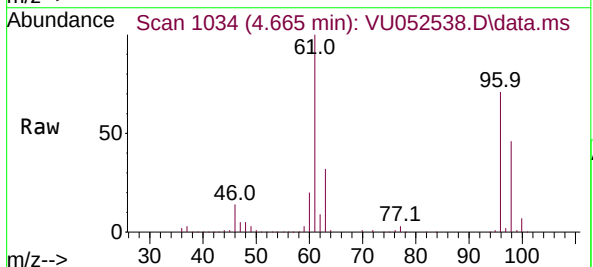
Instrument :
MSVOA_U
ClientSampleId :
COL45

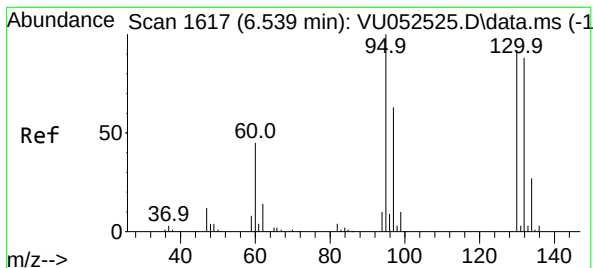
Tgt Ion: 96 Resp: 4119
Ion Ratio Lower Upper
96 100
61 144.3 108.3 201.1
98 70.5 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 43.199 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052538.D
Acq: 23 Dec 2022 15:35

Tgt Ion: 96 Resp: 653687
Ion Ratio Lower Upper
96 100
61 141.3 96.9 180.1
98 64.3 44.7 83.1





#34

Trichloroethene

Concen: 30.392 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU052538.D

Acq: 23 Dec 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

C0L45

Tgt Ion: 95 Resp: 440204

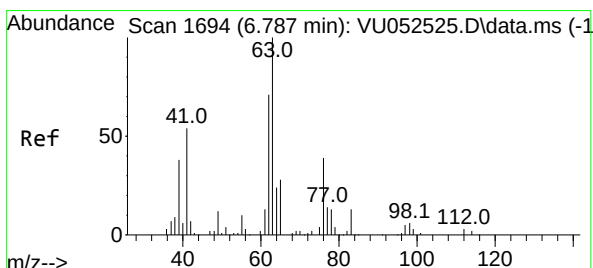
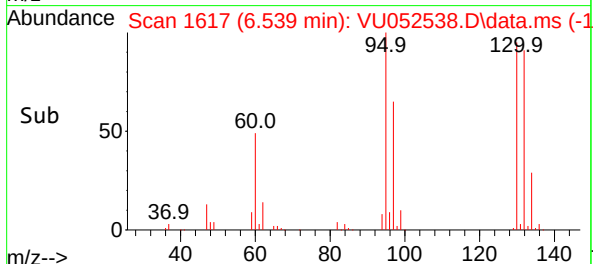
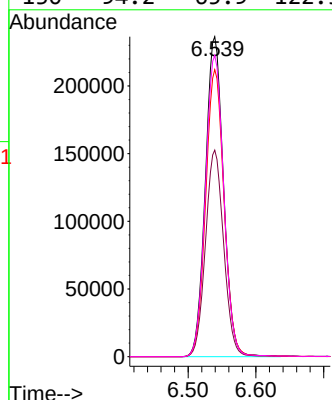
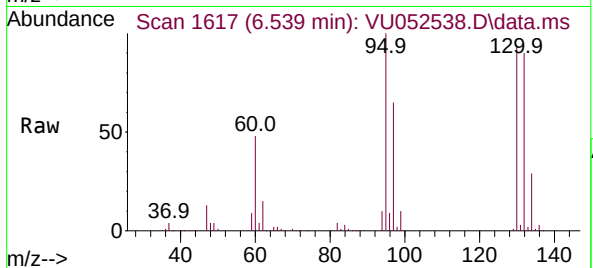
Ion Ratio Lower Upper

95 100

97 64.5 46.3 86.1

132 89.7 63.9 118.7

130 94.2 65.9 122.5



#37

1,2-Dichloropropane

Concen: 0.627 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU052538.D

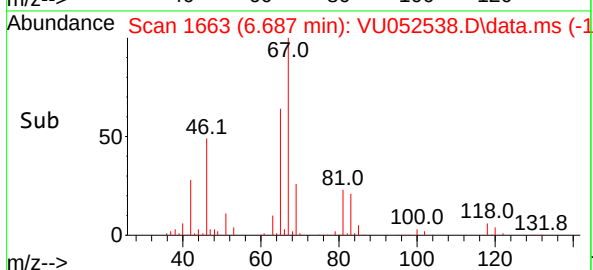
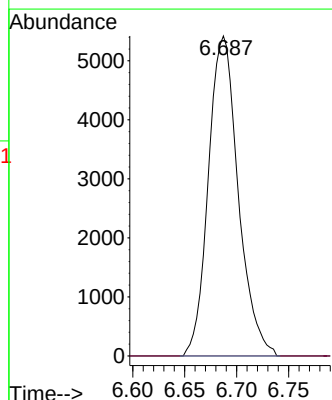
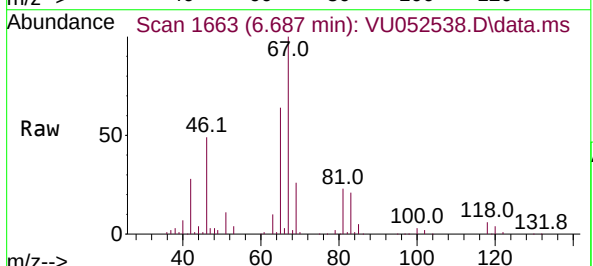
Acq: 23 Dec 2022 15:35

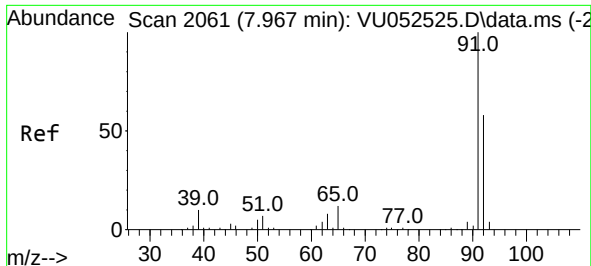
Tgt Ion: 63 Resp: 10838

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#





#42

Toluene

Concen: 3.330 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052538.D

Acq: 23 Dec 2022 15:35

Instrument :

MSVOA_U

ClientSampleId :

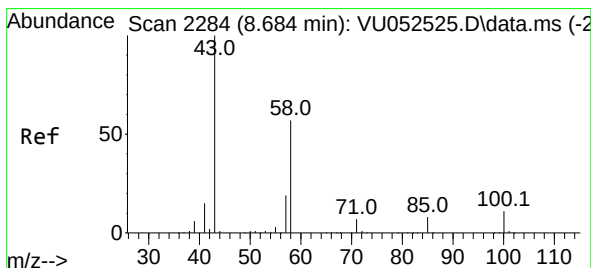
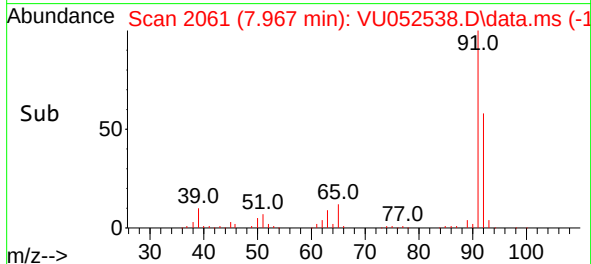
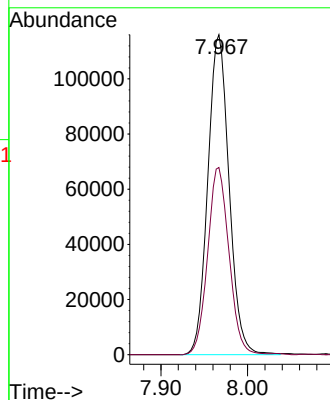
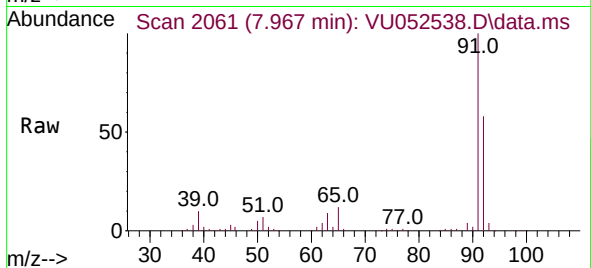
C0L45

Tgt Ion: 91 Resp: 197839

Ion Ratio Lower Upper

91 100

92 58.5 40.6 75.4



#48

2-Hexanone

Concen: 0.655 ug/L

RT: 8.677 min Scan# 2282

Delta R.T. -0.006 min

Lab File: VU052538.D

Acq: 23 Dec 2022 15:35

Tgt Ion: 43 Resp: 6242

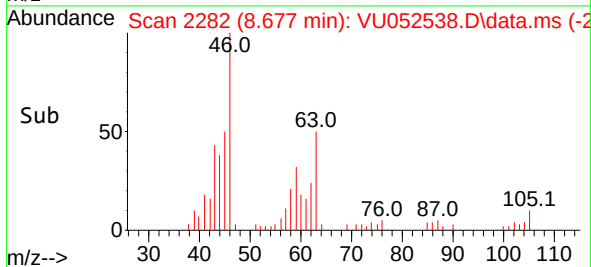
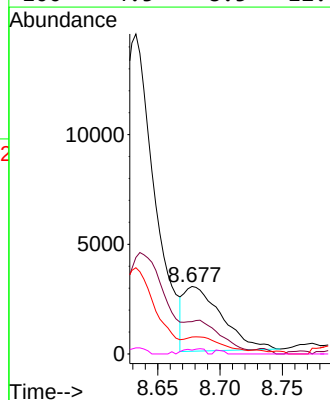
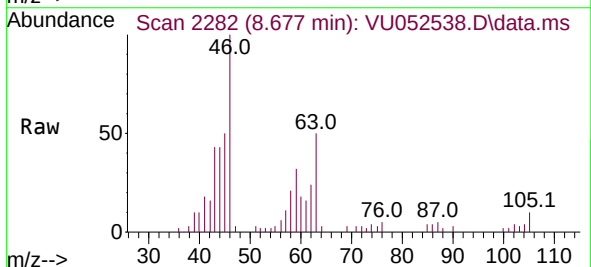
Ion Ratio Lower Upper

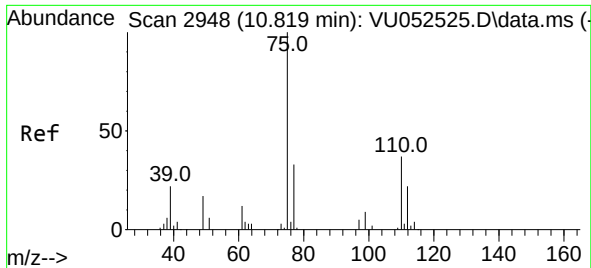
43 100

58 0.0 44.1 66.1#

57 18.5 14.6 21.8

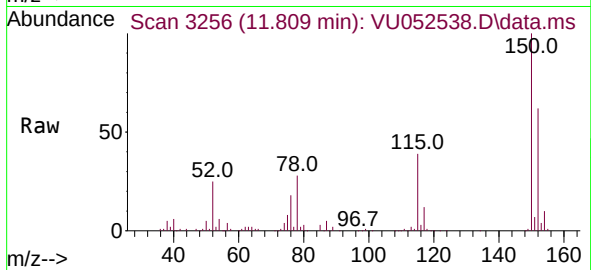
100 4.5 8.5 12.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.937 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052538.D
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 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 10115
 Ion Ratio Lower Upper
 75 100
 110 1.3 27.9 41.9#
 77 32.2 25.9 38.9

