

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052542.D
 Acq On : 23 Dec 2022 17:08
 Operator : JC/MD
 Sample : N6188-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL49

Quant Time: Dec 24 03:57:41 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)

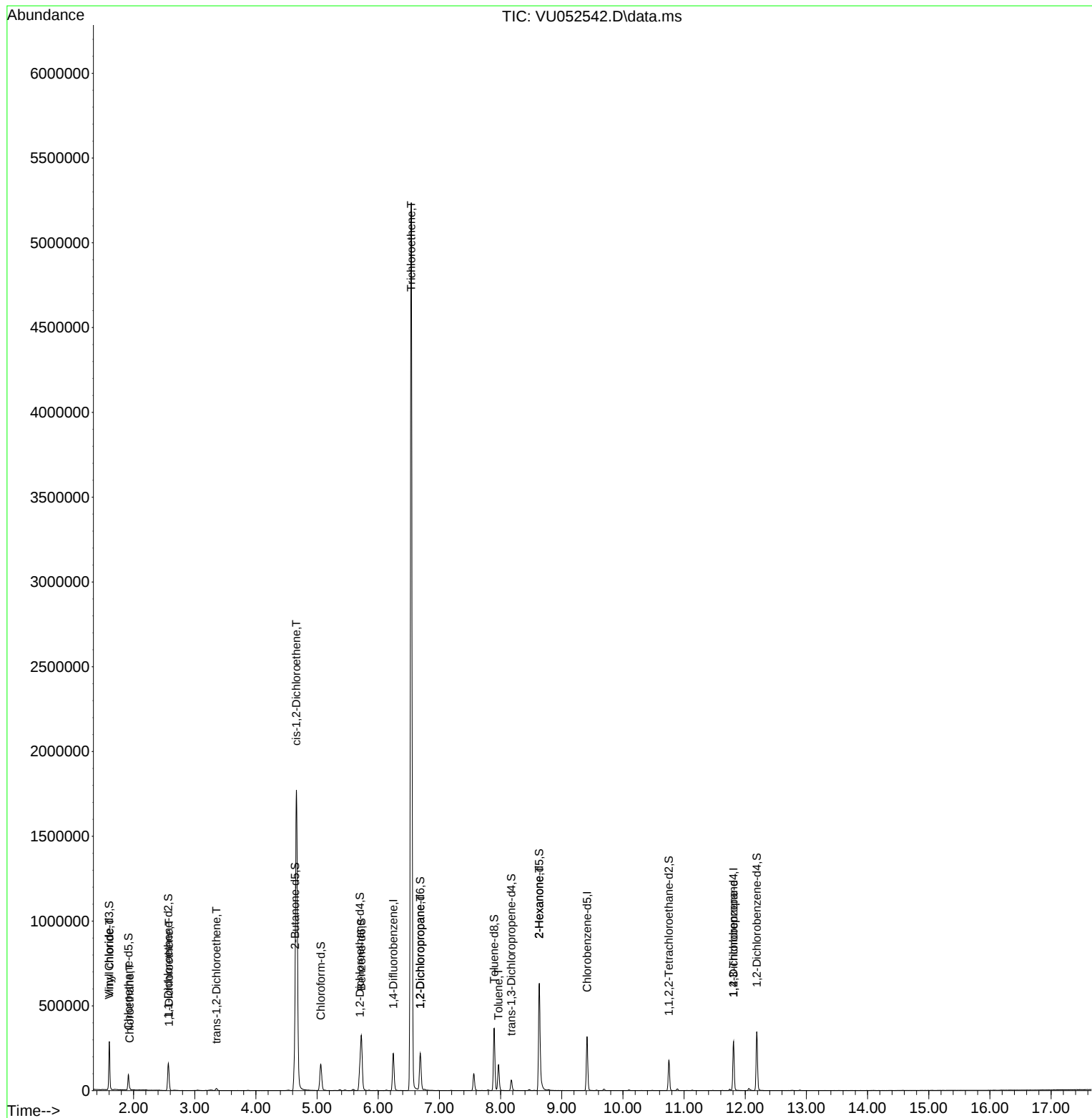
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	170776	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	167831	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	73530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	68689	3.970	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.916	69	67548	4.527	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.568	65	31387	4.216	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.639	46	329623	61.437	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.880%
24) Chloroform-d	5.060	84	144631	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.700	65	87460	5.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.722	84	293409	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.687	67	107261	5.415	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.896	98	238787	4.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	8.176	79	35642	5.255	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.000%
46) 2-Hexanone-d5	8.632	63	223609	60.259	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.520%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	90341	5.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	88025	5.880	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	141201	7.102	ug/L	97
8) Chloroethane	1.935	64	4191	0.308	ug/L	96
12) 1,1-Dichloroethene	2.578	96	4906	0.384	ug/L #	1
18) trans-1,2-Dichloroethene	3.356	96	4861	0.369	ug/L	79
22) cis-1,2-Dichloroethene	4.661	96	843328	58.297	ug/L	97
34) Trichloroethene	6.539	95	1784666	126.284	ug/L	99
37) 1,2-Dichloropropane	6.687	63	10583	0.627	ug/L #	88
42) Toluene	7.967	91	109325	1.886	ug/L	99
48) 2-Hexanone	8.632	43	28003	3.014	ug/L #	80
61) 1,2,3-Trichloropropane	11.809	75	10435	0.989	ug/L #	69

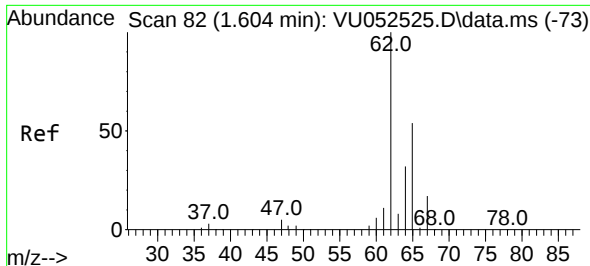
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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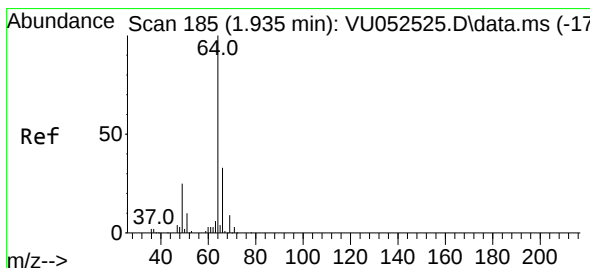
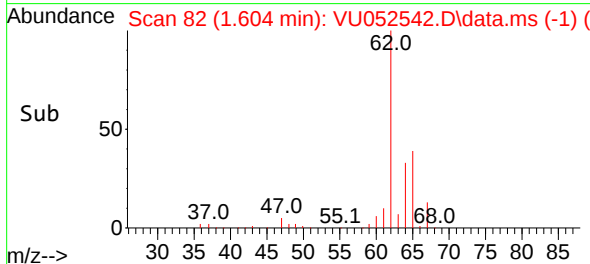
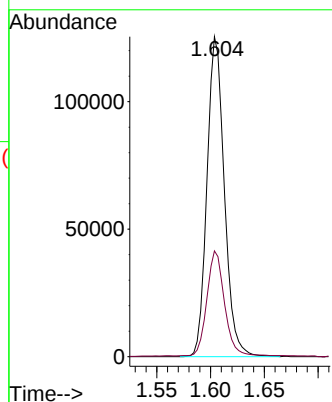
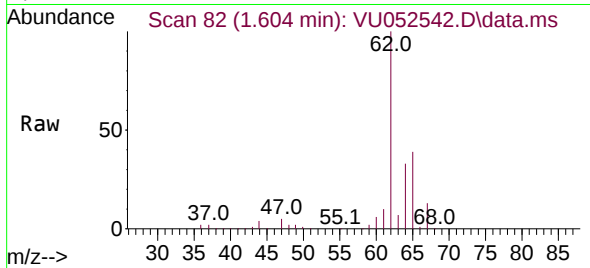




#5
 Vinyl chloride
 Concen: 7.102 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052542.D
 Acq: 23 Dec 2022 17:08

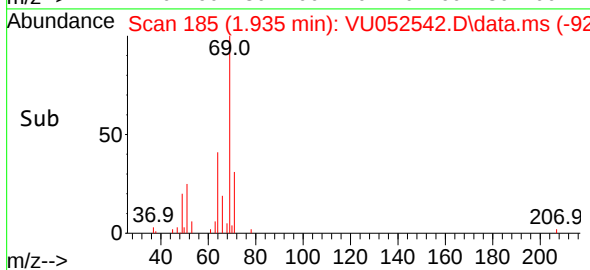
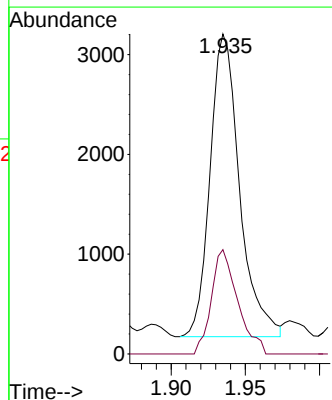
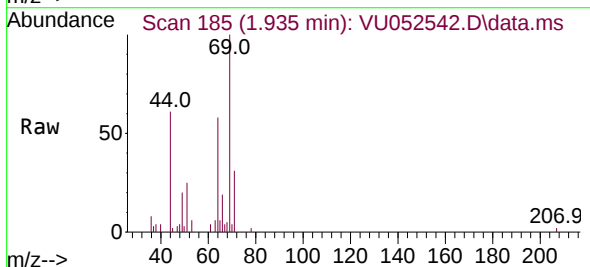
Instrument :
 MSVOA_U
 ClientSampleId :
 C0L49

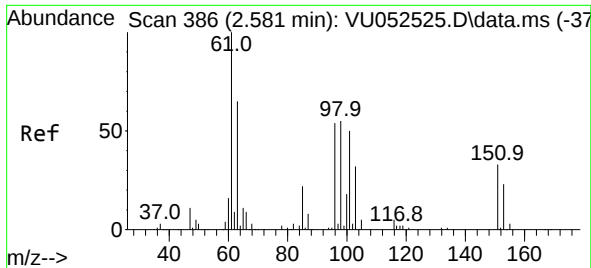
Tgt Ion: 62 Resp: 141201
 Ion Ratio Lower Upper
 62 100
 64 33.1 24.4 45.4



#8
 Chloroethane
 Concen: 0.308 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. -0.000 min
 Lab File: VU052542.D
 Acq: 23 Dec 2022 17:08

Tgt Ion: 64 Resp: 4191
 Ion Ratio Lower Upper
 64 100
 66 32.6 21.3 39.5





#12

1,1-Dichloroethene

Concen: 0.384 ug/L

RT: 2.578 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU052542.D

Acq: 23 Dec 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

COL49

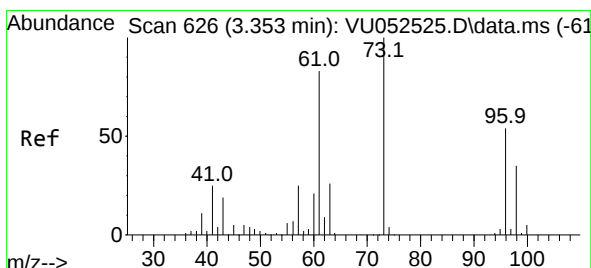
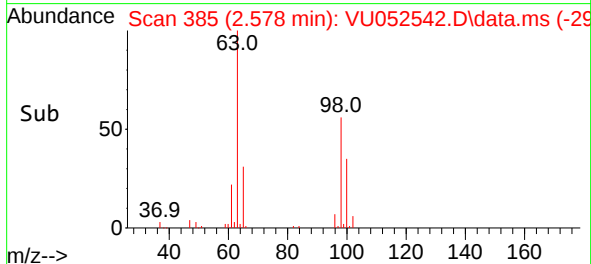
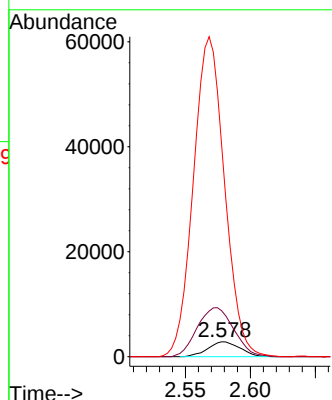
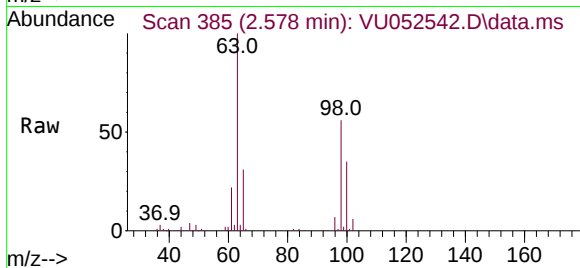
Tgt Ion: 96 Resp: 4906

Ion Ratio Lower Upper

96 100

61 308.0 135.4 251.4#

63 1416.9 95.4 177.2#



#18

trans-1,2-Dichloroethene

Concen: 0.369 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU052542.D

Acq: 23 Dec 2022 17:08

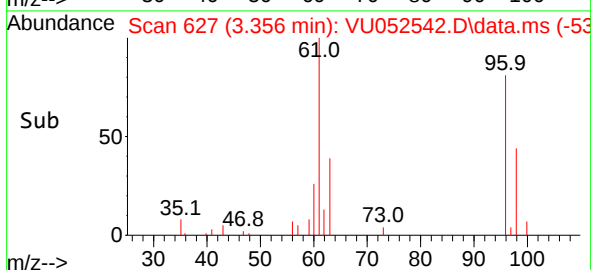
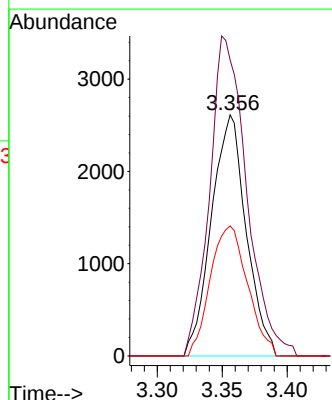
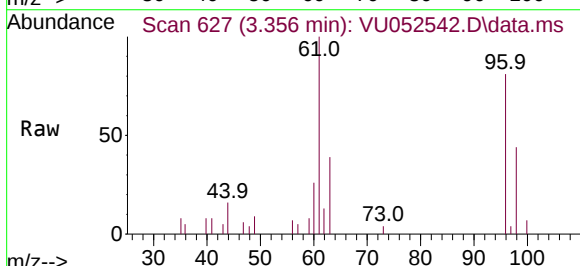
Tgt Ion: 96 Resp: 4861

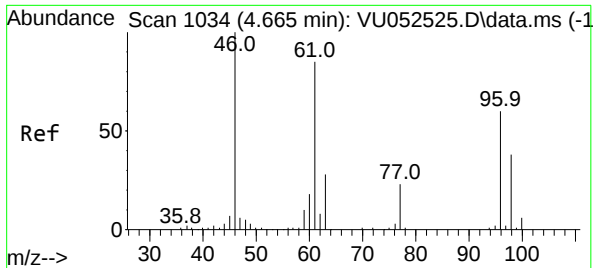
Ion Ratio Lower Upper

96 100

61 122.7 108.3 201.1

98 53.9 44.0 81.6

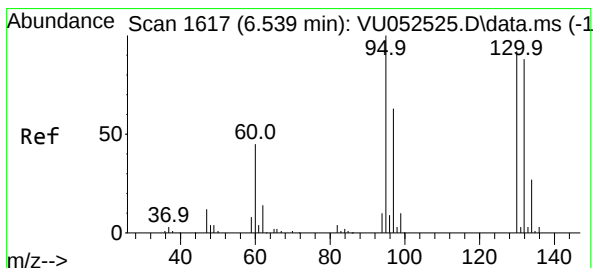
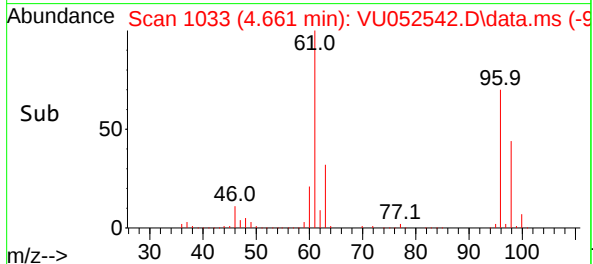
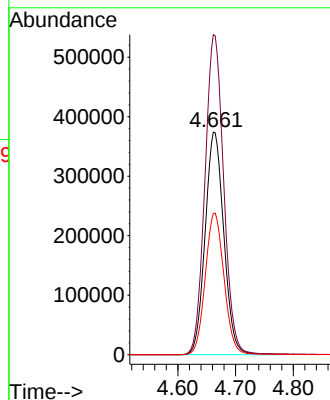
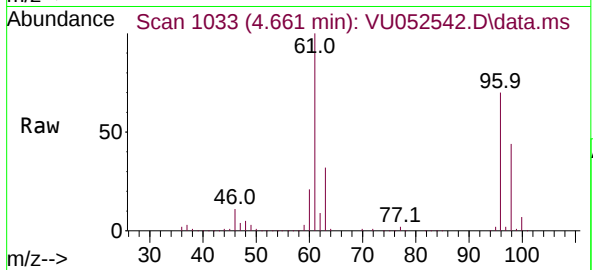




#22
cis-1,2-Dichloroethene
Concen: 58.297 ug/L
RT: 4.661 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU052542.D
Acq: 23 Dec 2022 17:08

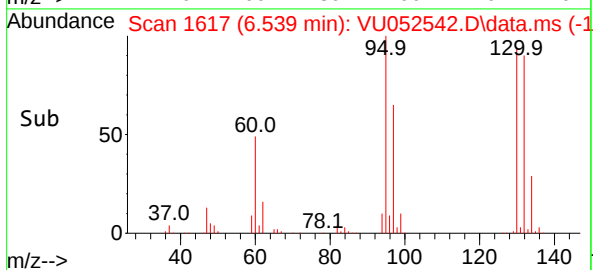
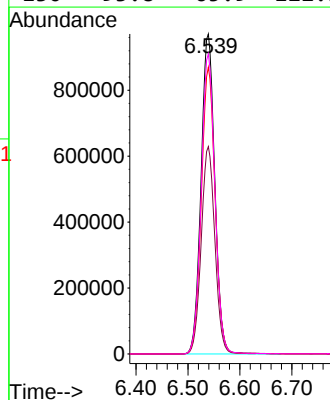
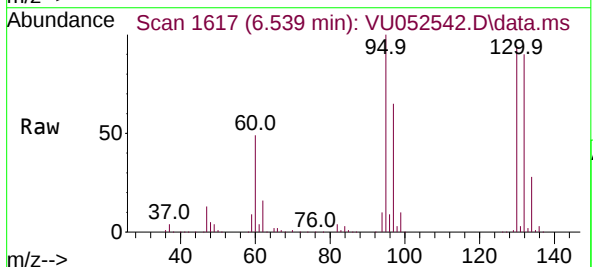
Instrument :
MSVOA_U
ClientSampleId :
COL49

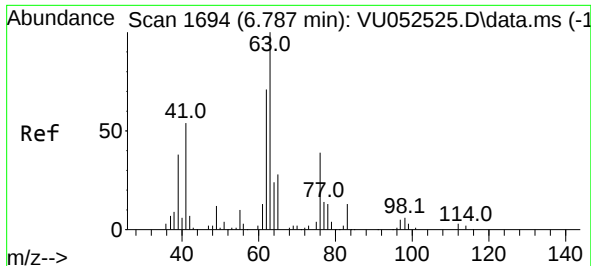
Tgt Ion: 96 Resp: 843328
Ion Ratio Lower Upper
96 100
61 143.8 96.9 180.1
98 63.5 44.7 83.1



#34
Trichloroethene
Concen: 126.284 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052542.D
Acq: 23 Dec 2022 17:08

Tgt Ion: 95 Resp: 1784666
Ion Ratio Lower Upper
95 100
97 64.8 46.3 86.1
132 89.6 63.9 118.7
130 93.8 65.9 122.5





#37

1,2-Dichloropropane

Concen: 0.627 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052542.D

Acq: 23 Dec 2022 17:08

Instrument :

MSVOA_U

ClientSampleId :

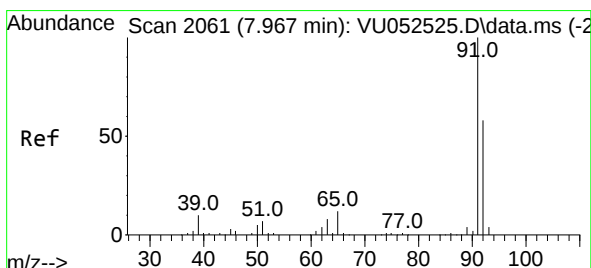
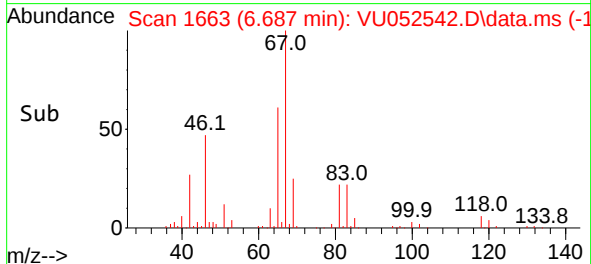
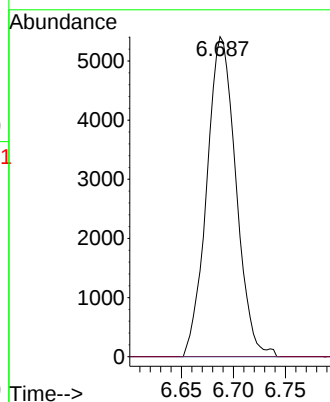
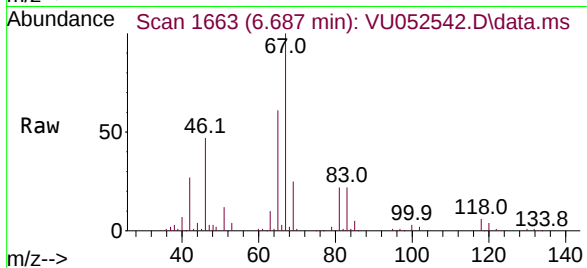
COL49

Tgt Ion: 63 Resp: 10583

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#42

Toluene

Concen: 1.886 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052542.D

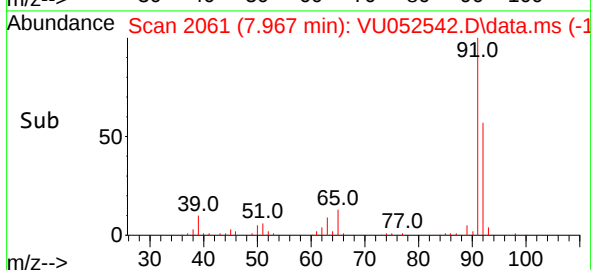
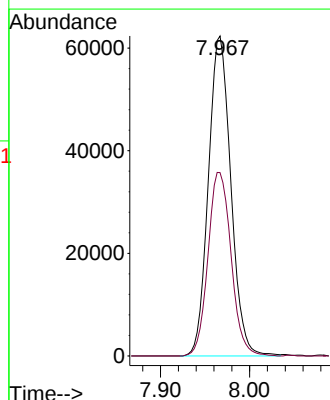
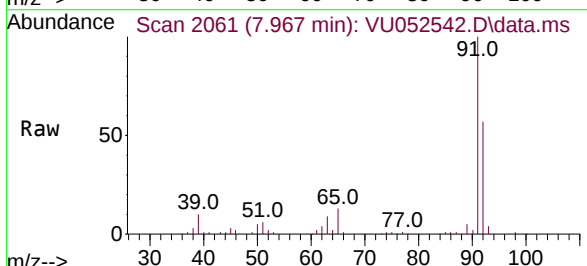
Acq: 23 Dec 2022 17:08

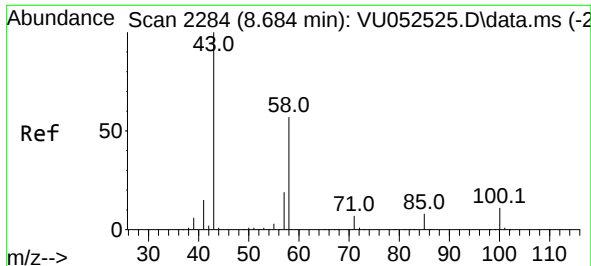
Tgt Ion: 91 Resp: 109325

Ion Ratio Lower Upper

91 100

92 57.3 40.6 75.4

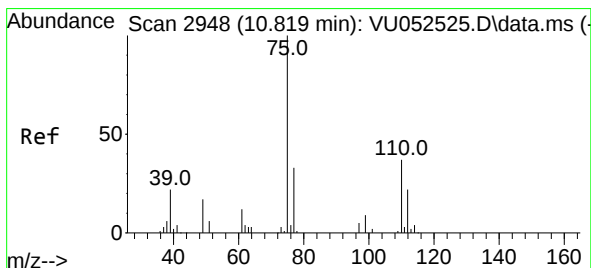
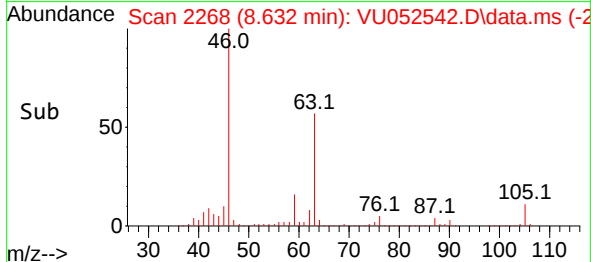
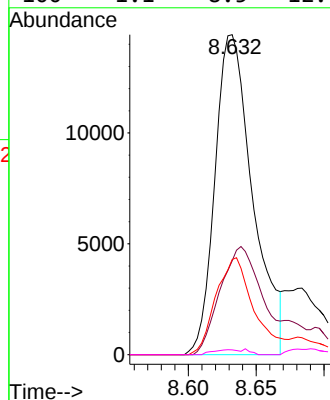
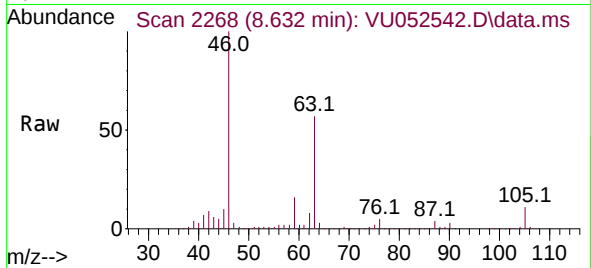




#48
2-Hexanone
Concen: 3.014 ug/L
RT: 8.632 min Scan# 21
Delta R.T. -0.052 min
Lab File: VU052542.D
Acq: 23 Dec 2022 17:08

Instrument :
MSVOA_U
ClientSampleId :
COL49

Tgt Ion:	43	Resp:	28003
Ion	Ratio	Lower	Upper
43	100		
58	43.8	44.1	66.1#
57	30.9	14.6	21.8#
100	1.1	8.5	12.7#



#61
1,2,3-Trichloropropane
Concen: 0.989 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052542.D
Acq: 23 Dec 2022 17:08

Tgt Ion:	75	Resp:	10435
Ion	Ratio	Lower	Upper
75	100		
110	1.1	27.9	41.9#
77	33.7	25.9	38.9

