

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052536.D
 Acq On : 23 Dec 2022 14:50
 Operator : JC/MD
 Sample : N6188-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL40

Quant Time: Dec 24 03:56:25 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)

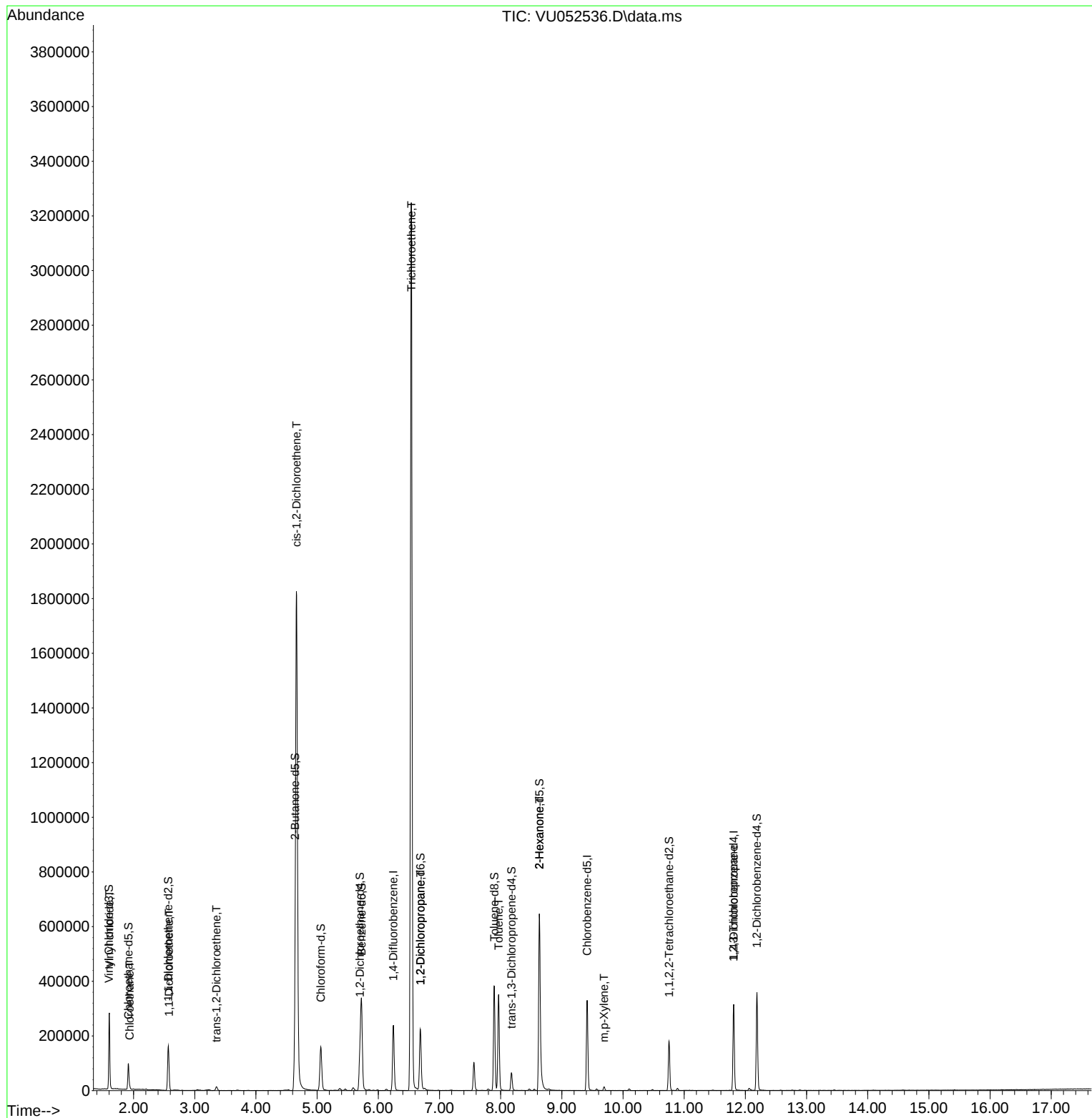
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	185553	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	177451	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78689	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71081	3.781	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.916	69	69897	4.311	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.568	65	32105	3.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.642	46	338140	58.005	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.020%
24) Chloroform-d	5.060	84	148553	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.700	65	90328	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.726	84	310570	5.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.687	67	110185	5.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.896	98	249083	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.176	79	37134	5.178	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.632	63	232154	59.170	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91994	5.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	89116	5.563	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	134392	6.221	ug/L	96
8) Chloroethane	1.935	64	5580	0.377	ug/L	93
12) 1,1-Dichloroethene	2.578	96	2092	0.151	ug/L #	1
18) trans-1,2-Dichloroethene	3.353	96	4862	0.339	ug/L	84
22) cis-1,2-Dichloroethene	4.661	96	867488	55.192	ug/L	97
34) Trichloroethene	6.539	95	1122422	75.118	ug/L	98
37) 1,2-Dichloropropane	6.687	63	11505	0.645	ug/L #	88
42) Toluene	7.967	91	246284	4.019	ug/L	100
48) 2-Hexanone	8.632	43	30865	3.142	ug/L #	39
53) m,p-Xylene	9.690	106	3758	0.161	ug/L	84
61) 1,2,3-Trichloropropane	11.806	75	10399	0.921	ug/L #	70

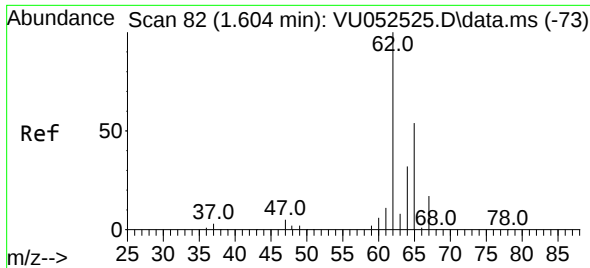
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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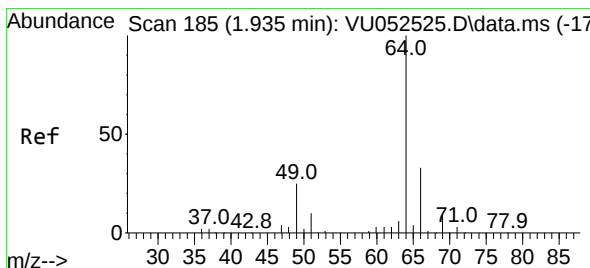
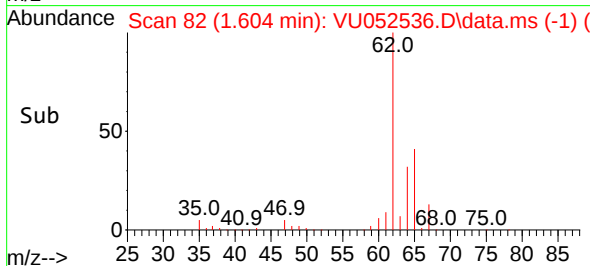
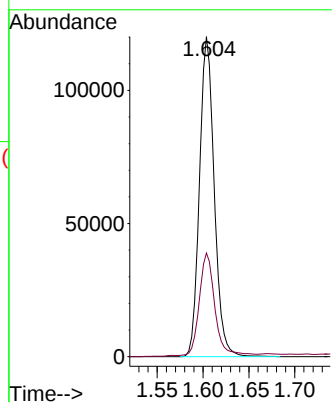
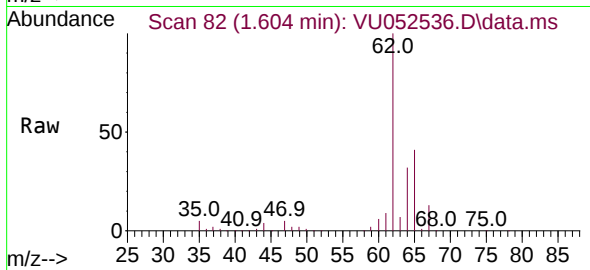




#5
 Vinyl chloride
 Concen: 6.221 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052536.D
 Acq: 23 Dec 2022 14:50

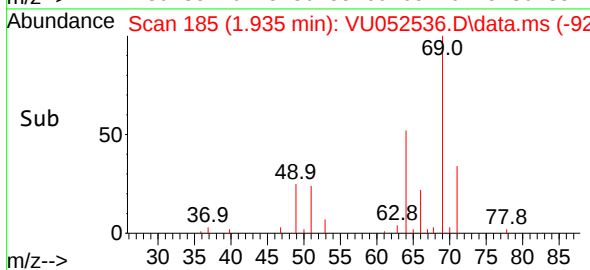
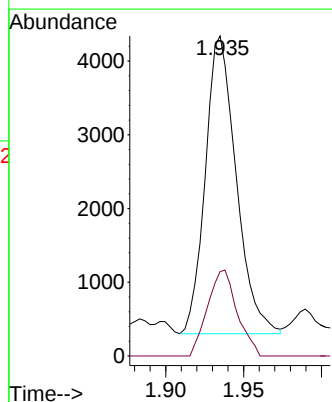
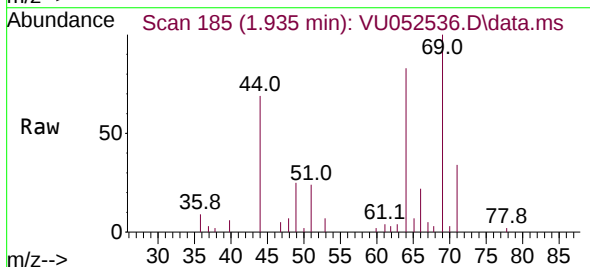
Instrument :
 MSVOA_U
 ClientSampleId :
 COL40

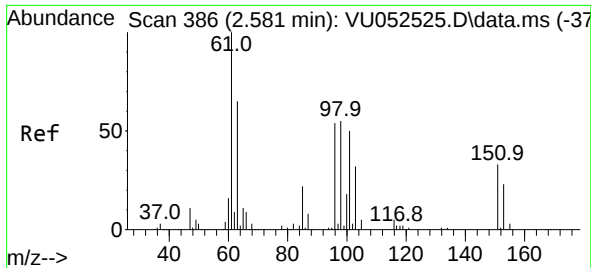
Tgt Ion: 62 Resp: 134392
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.4 45.4



#8
 Chloroethane
 Concen: 0.377 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. -0.000 min
 Lab File: VU052536.D
 Acq: 23 Dec 2022 14:50

Tgt Ion: 64 Resp: 5580
 Ion Ratio Lower Upper
 64 100
 66 26.4 21.3 39.5

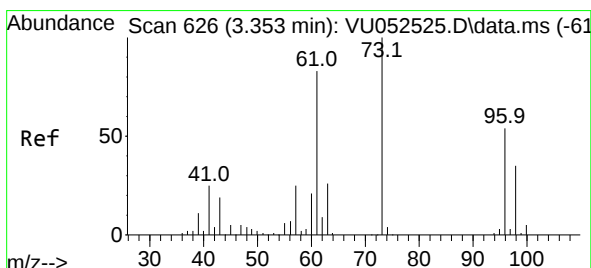
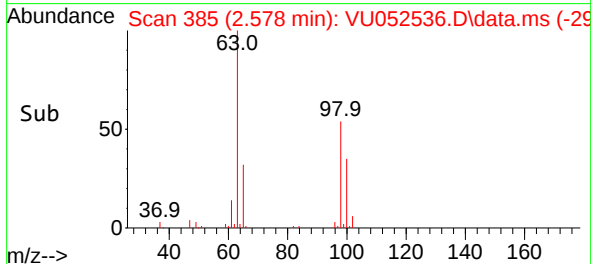
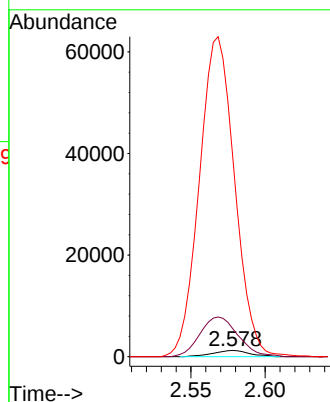
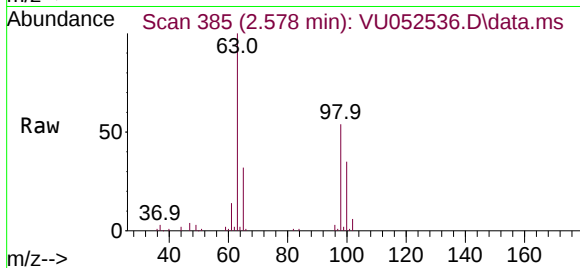




#12
1,1-Dichloroethene
Concen: 0.151 ug/L
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU052536.D
Acq: 23 Dec 2022 14:50

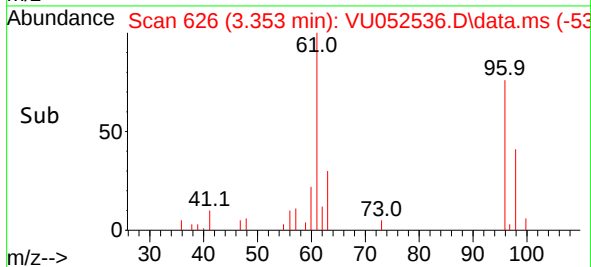
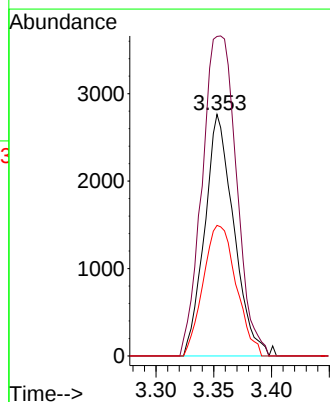
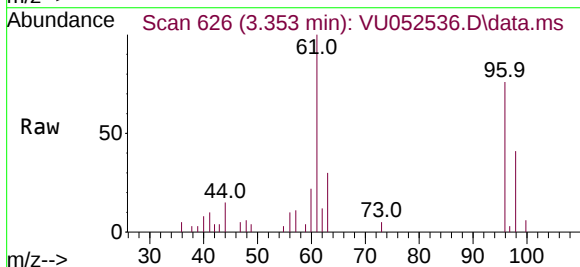
Instrument :
MSVOA_U
ClientSampleId :
COL40

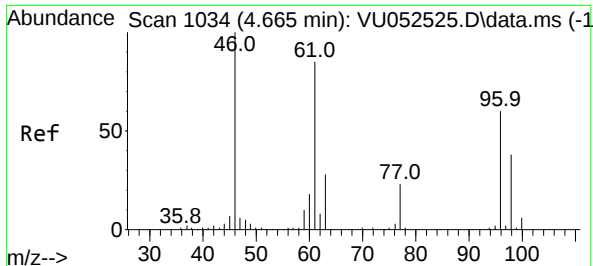
Tgt Ion: 96 Resp: 2092
Ion Ratio Lower Upper
96 100
61 461.9 135.4 251.4#
63 3310.0 95.4 177.2#



#18
trans-1,2-Dichloroethene
Concen: 0.339 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU052536.D
Acq: 23 Dec 2022 14:50

Tgt Ion: 96 Resp: 4862
Ion Ratio Lower Upper
96 100
61 132.3 108.3 201.1
98 54.1 44.0 81.6

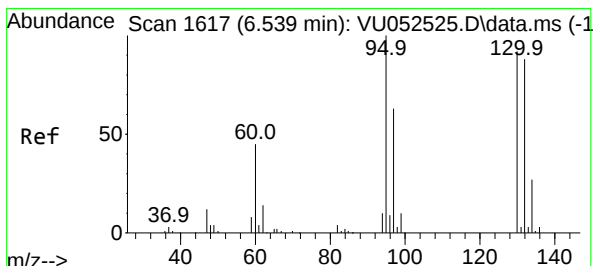
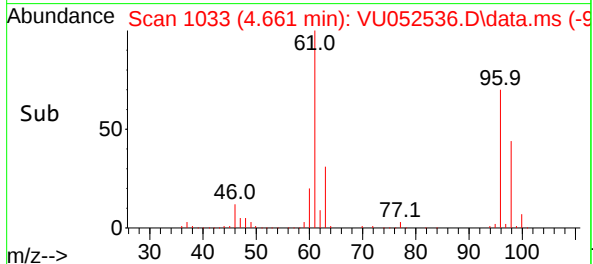
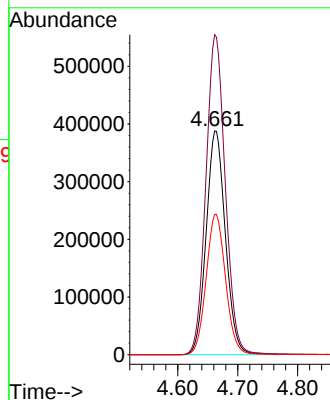
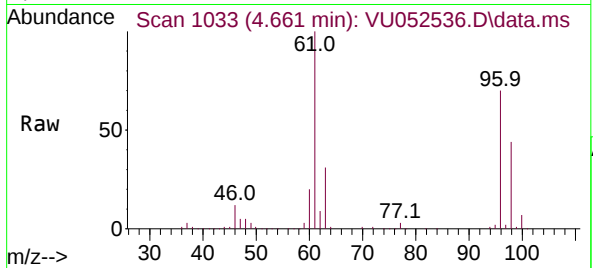




#22
cis-1,2-Dichloroethene
Concen: 55.192 ug/L
RT: 4.661 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU052536.D
Acq: 23 Dec 2022 14:50

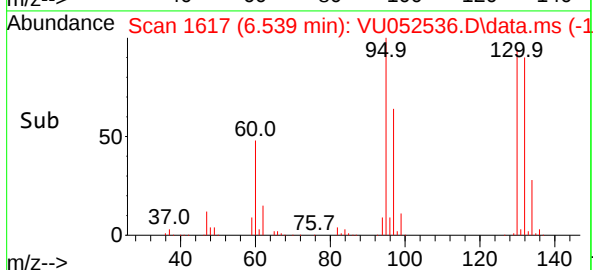
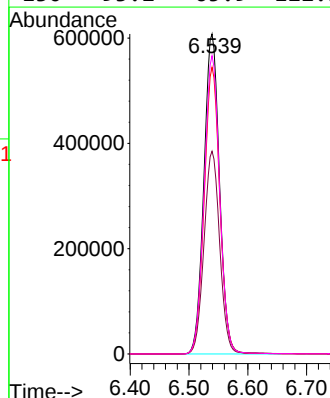
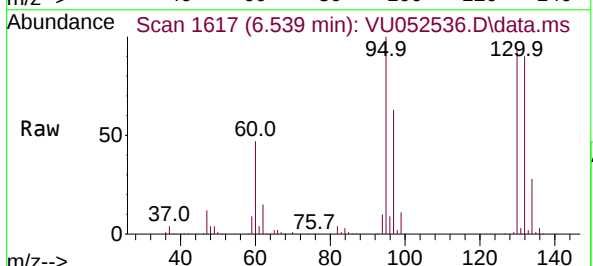
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MSVOA_U
ClientSampleId :
COL40

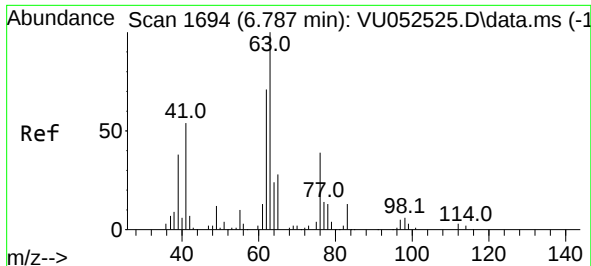
Tgt Ion: 96 Resp: 867488
Ion Ratio Lower Upper
96 100
61 143.1 96.9 180.1
98 62.7 44.7 83.1



#34
Trichloroethene
Concen: 75.118 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052536.D
Acq: 23 Dec 2022 14:50

Tgt Ion: 95 Resp: 1122422
Ion Ratio Lower Upper
95 100
97 63.3 46.3 86.1
132 89.6 63.9 118.7
130 93.2 65.9 122.5





#37

1,2-Dichloropropane

Concen: 0.645 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052536.D

Acq: 23 Dec 2022 14:50

Instrument :

MSVOA_U

ClientSampleId :

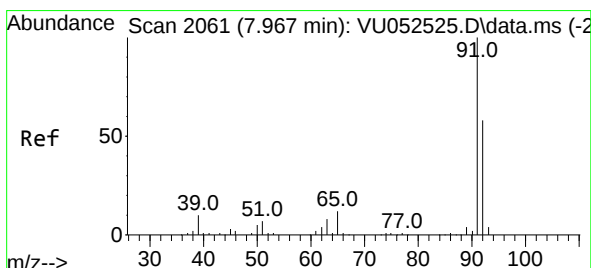
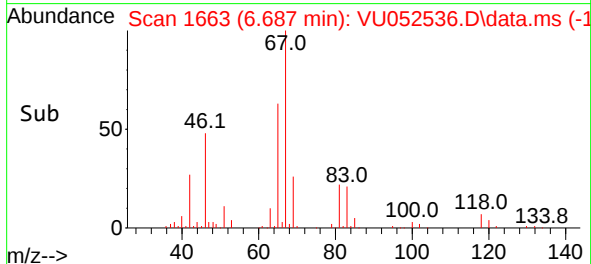
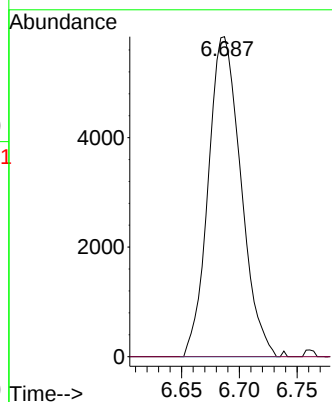
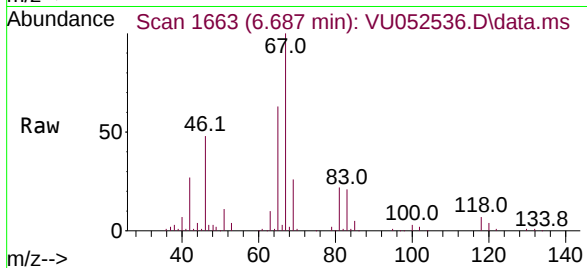
COL40

Tgt Ion: 63 Resp: 11505

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#42

Toluene

Concen: 4.019 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052536.D

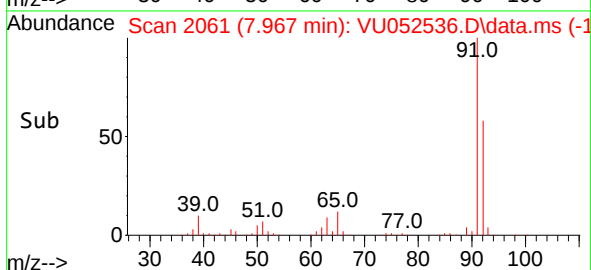
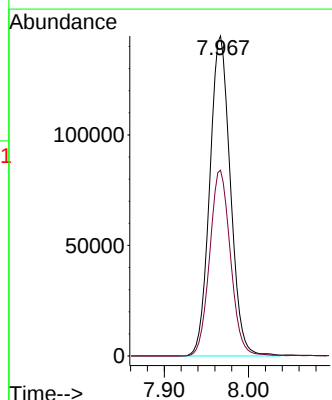
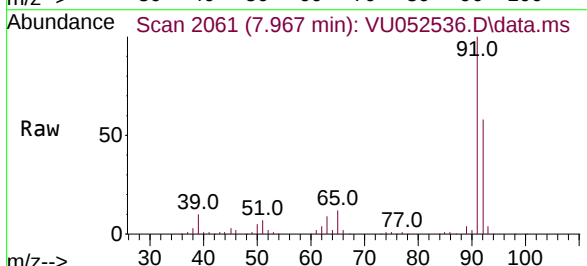
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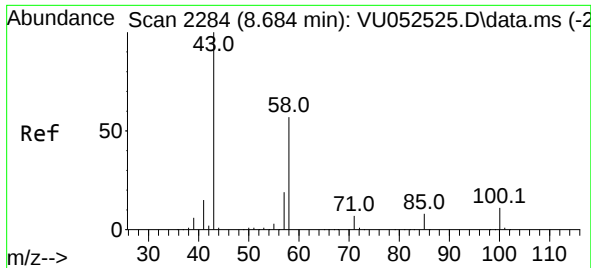
Tgt Ion: 91 Resp: 246284

Ion Ratio Lower Upper

91 100

92 58.1 40.6 75.4

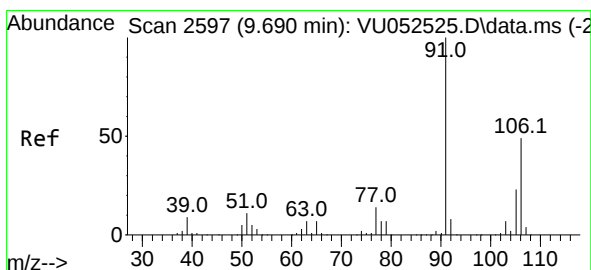
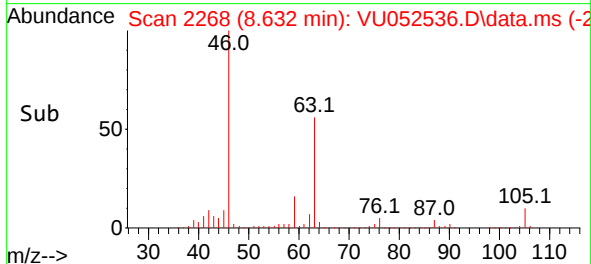
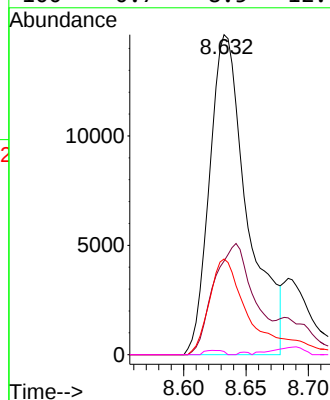
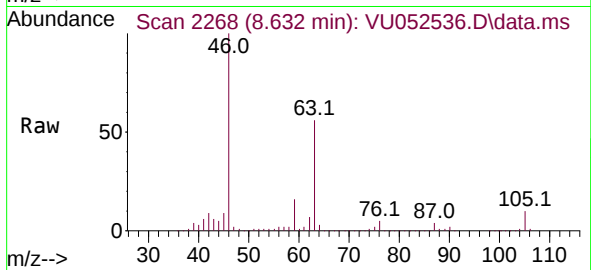




#48
2-Hexanone
Concen: 3.142 ug/L
RT: 8.632 min Scan# 21
Delta R.T. -0.052 min
Lab File: VU052536.D
Acq: 23 Dec 2022 14:50

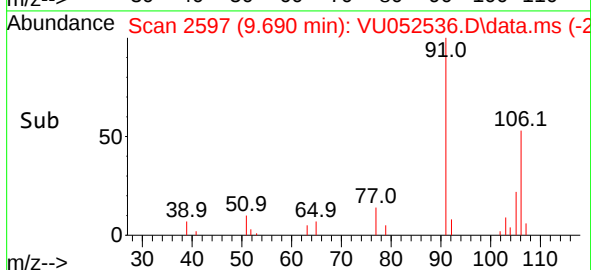
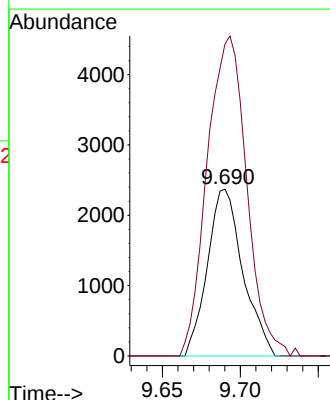
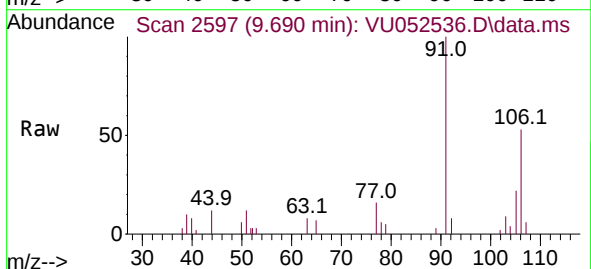
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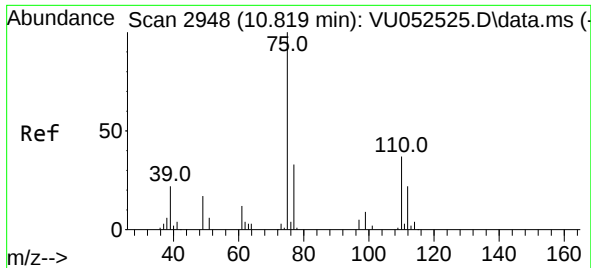
Tgt Ion: 43	Resp: 30865
Ion Ratio	Lower Upper
43 100	
58 0.0	44.1 66.1#
57 32.9	14.6 21.8#
100 0.7	8.5 12.7#



#53
m,p-Xylene
Concen: 0.161 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052536.D
Acq: 23 Dec 2022 14:50

Tgt Ion: 106	Resp: 3758
Ion Ratio	Lower Upper
106 100	
91 187.2	148.2 275.2





#61
1,2,3-Trichloropropane
Concen: 0.921 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU052536.D
Acq: 23 Dec 2022 14:50

Instrument :
MSVOA_U
ClientSampleId :
COL40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.6	27.9	41.9#
77	33.1	25.9	38.9

