

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052540.D
 Acq On : 23 Dec 2022 16:21
 Operator : JC/MD
 Sample : N6188-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL47

Quant Time: Dec 24 03:57:17 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)

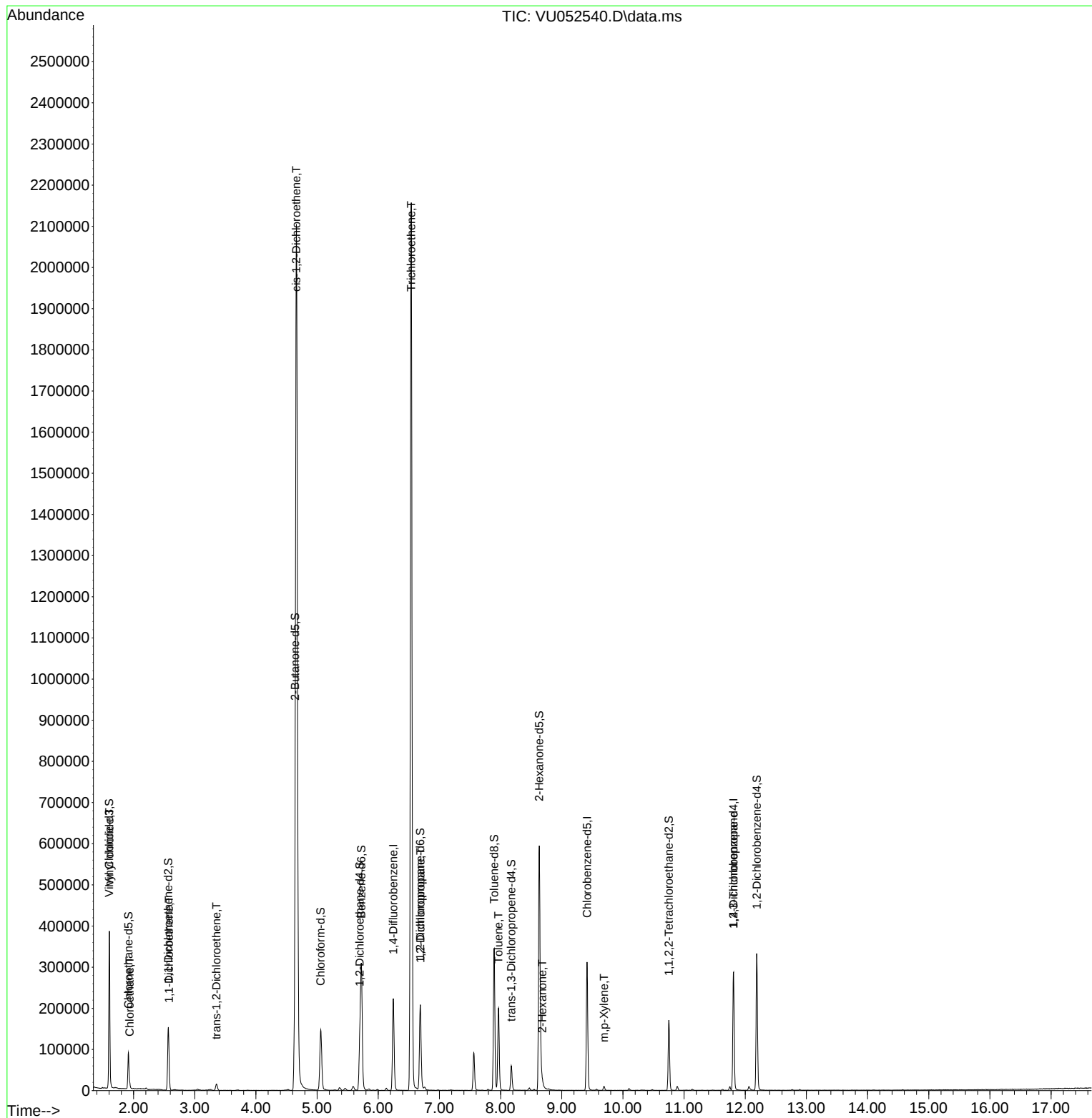
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	172510	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	164301	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	72992	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	66749	3.819	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.916	69	64221	4.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.568	65	29834	3.967	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.642	46	316690	58.433	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.860%
24) Chloroform-d	5.060	84	138196	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.697	65	84373	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.723	84	279868	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.687	67	100811	5.199	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.896	98	222063	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.176	79	34096	5.135	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.632	63	211825	58.310	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.620%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	86297	5.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	84087	5.658	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	213023	10.606	ug/L	95
8) Chloroethane	1.935	64	6908	0.502	ug/L	87
12) 1,1-Dichloroethene	2.578	96	1611	0.125	ug/L #	1
18) trans-1,2-Dichloroethene	3.356	96	5855	0.440	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	999737	68.415	ug/L	96
34) Trichloroethene	6.539	95	742886	53.697	ug/L	99
37) 1,2-Dichloropropane	6.690	63	10371	0.628	ug/L #	88
42) Toluene	7.967	91	143941	2.537	ug/L	100
48) 2-Hexanone	8.681	43	6062	0.666	ug/L #	70
53) m,p-Xylene	9.693	106	3031	0.140	ug/L	73
61) 1,2,3-Trichloropropane	11.806	75	10129	0.968	ug/L #	69

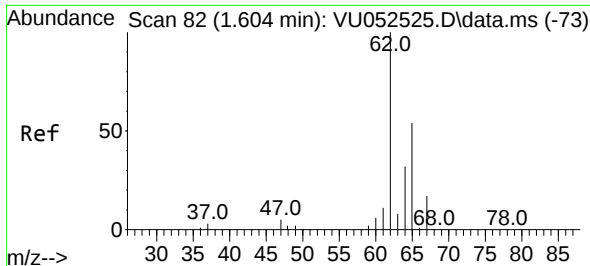
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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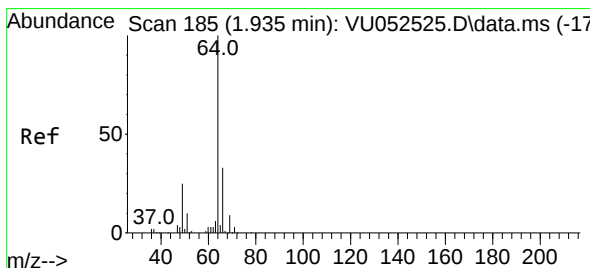
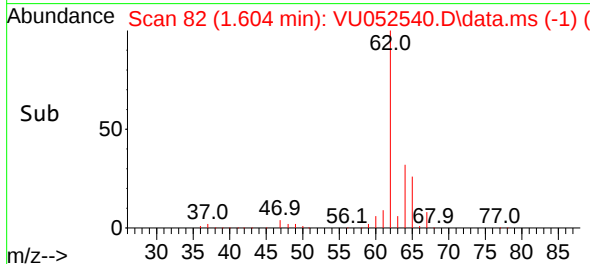
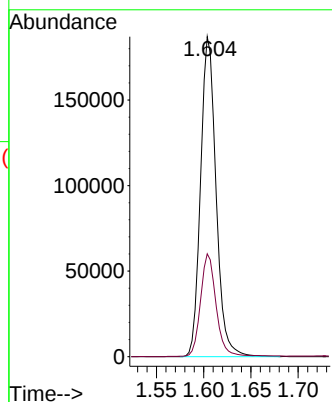
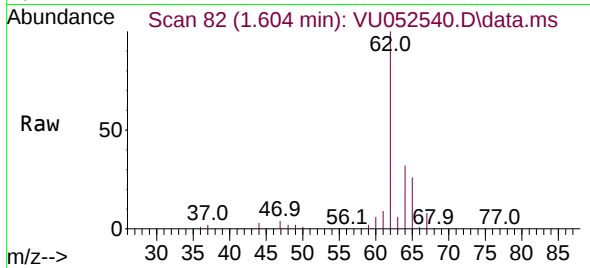




#5
 Vinyl chloride
 Concen: 10.606 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052540.D
 Acq: 23 Dec 2022 16:21

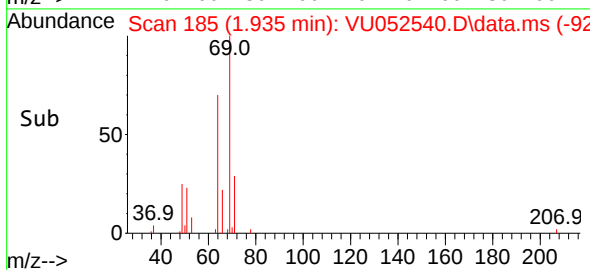
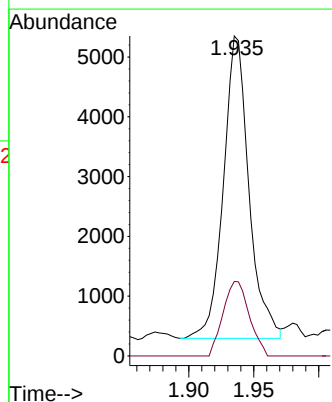
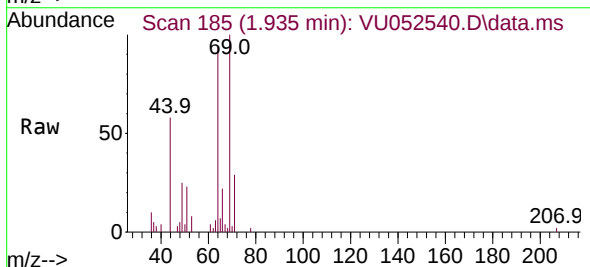
Instrument :
 MSVOA_U
 ClientSampleId :
 COL47

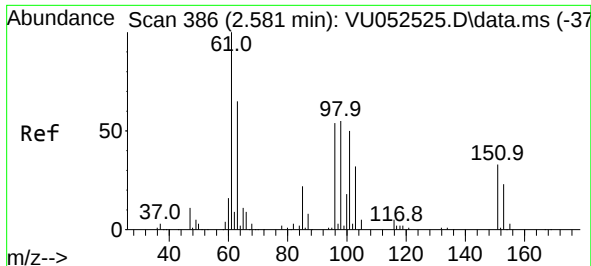
Tgt Ion: 62 Resp: 213023
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.4 45.4



#8
 Chloroethane
 Concen: 0.502 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. -0.000 min
 Lab File: VU052540.D
 Acq: 23 Dec 2022 16:21

Tgt Ion: 64 Resp: 6908
 Ion Ratio Lower Upper
 64 100
 66 23.3 21.3 39.5





#12

1,1-Dichloroethene

Concen: 0.125 ug/L

RT: 2.578 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU052540.D

Acq: 23 Dec 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

COL47

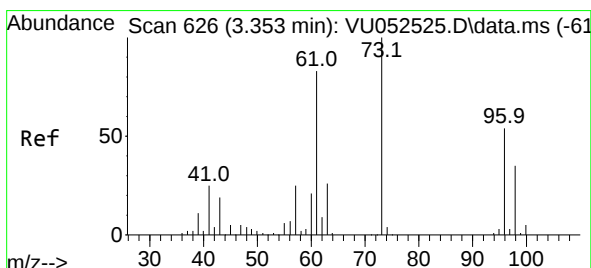
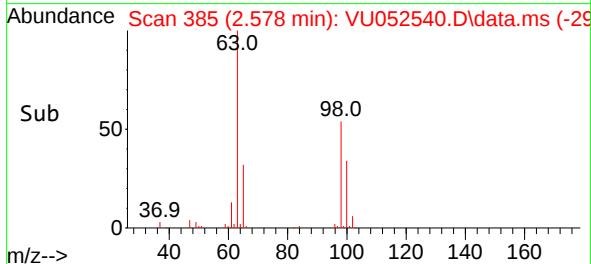
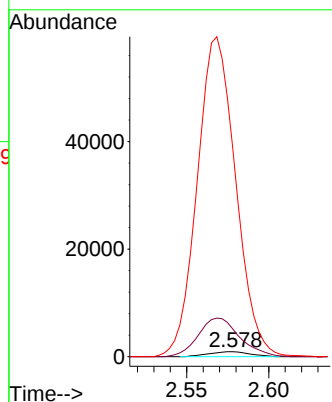
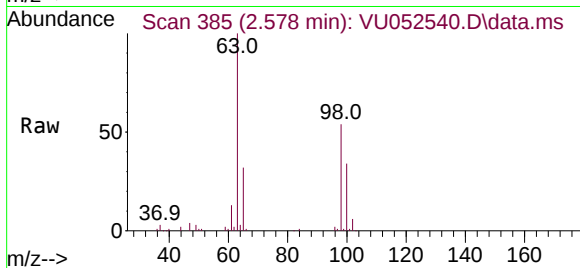
Tgt Ion: 96 Resp: 1611

Ion Ratio Lower Upper

96 100

61 554.2 135.4 251.4#

63 4170.6 95.4 177.2#



#18

trans-1,2-Dichloroethene

Concen: 0.440 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU052540.D

Acq: 23 Dec 2022 16:21

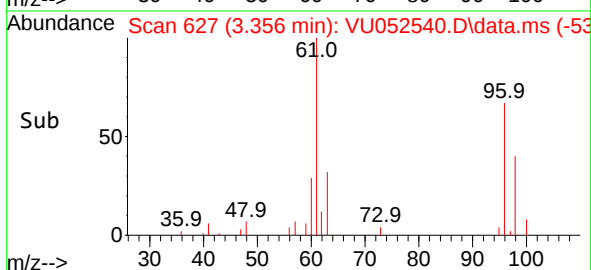
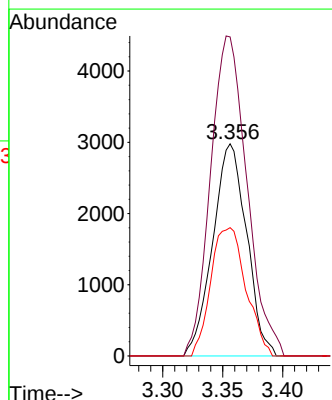
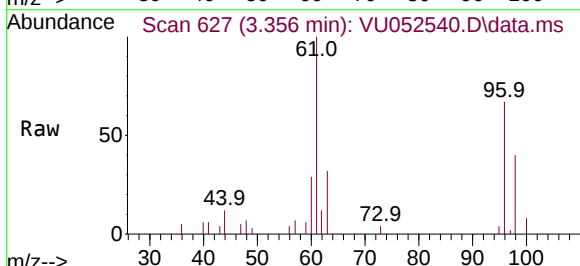
Tgt Ion: 96 Resp: 5855

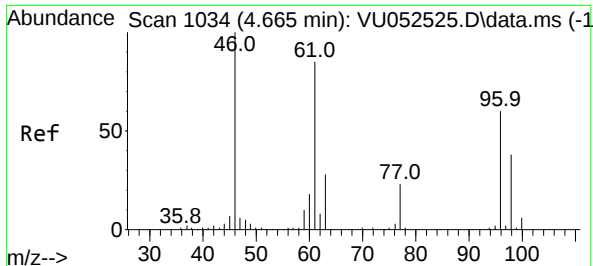
Ion Ratio Lower Upper

96 100

61 150.4 108.3 201.1

98 60.5 44.0 81.6

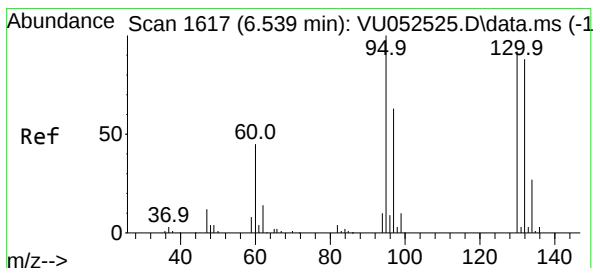
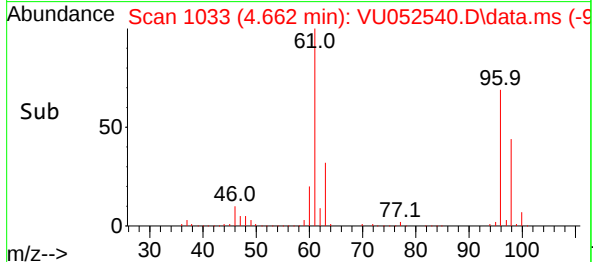
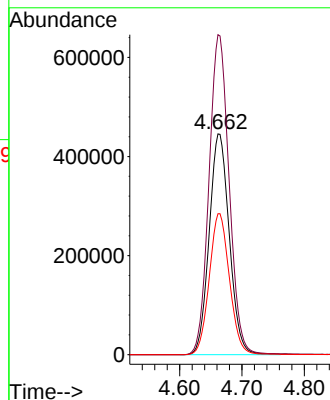
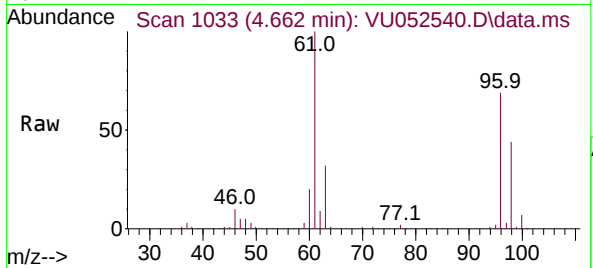




#22
cis-1,2-Dichloroethene
Concen: 68.415 ug/L
RT: 4.662 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU052540.D
Acq: 23 Dec 2022 16:21

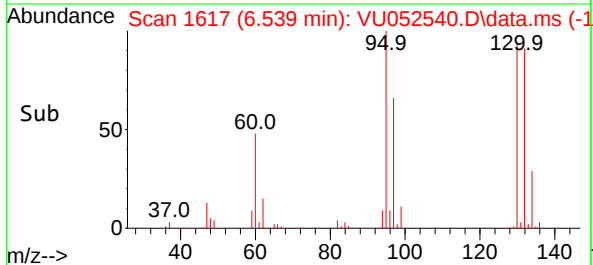
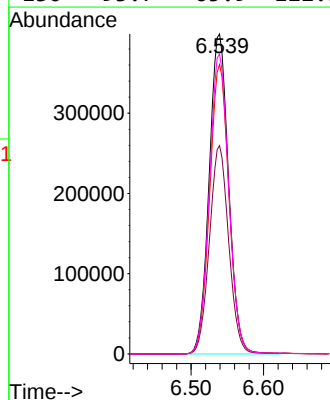
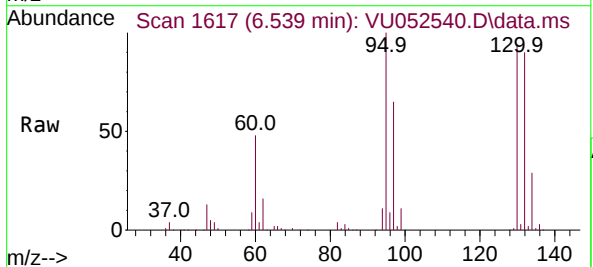
Instrument :
MSVOA_U
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COL47

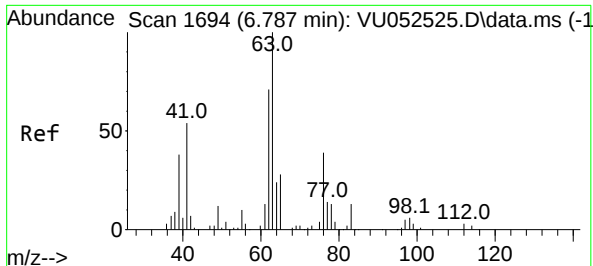
Tgt Ion: 96 Resp: 999737
Ion Ratio Lower Upper
96 100
61 144.9 96.9 180.1
98 63.8 44.7 83.1



#34
Trichloroethene
Concen: 53.697 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052540.D
Acq: 23 Dec 2022 16:21

Tgt Ion: 95 Resp: 742886
Ion Ratio Lower Upper
95 100
97 65.1 46.3 86.1
132 90.5 63.9 118.7
130 93.7 65.9 122.5





#37

1,2-Dichloropropane

Concen: 0.628 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU052540.D

Acq: 23 Dec 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

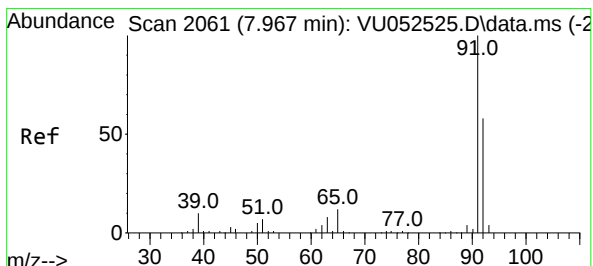
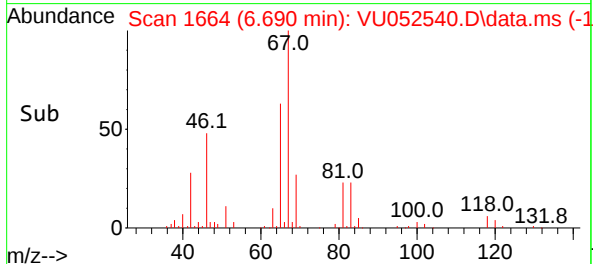
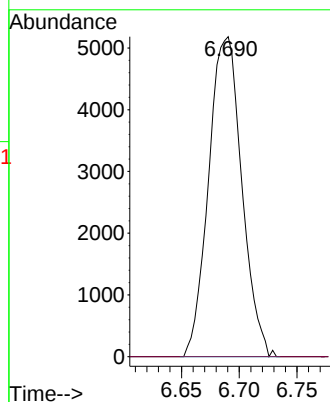
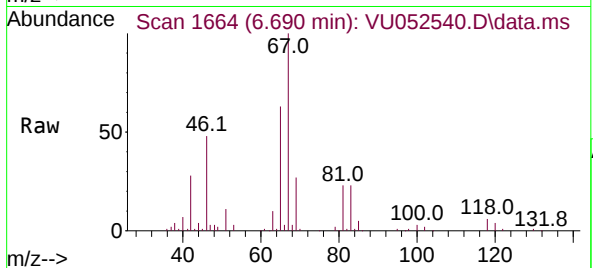
COL47

Tgt Ion: 63 Resp: 10371

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#42

Toluene

Concen: 2.537 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052540.D

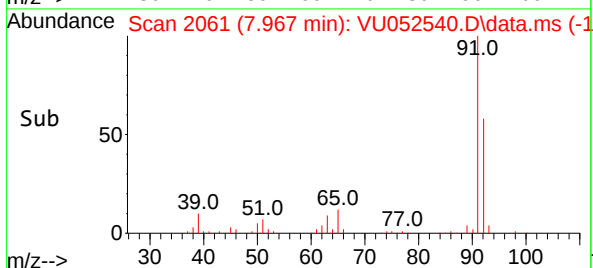
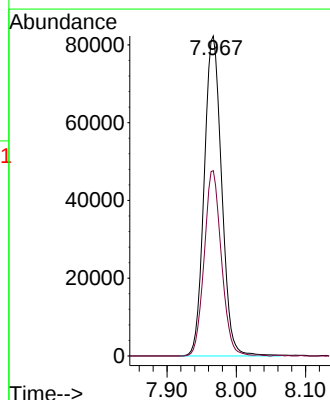
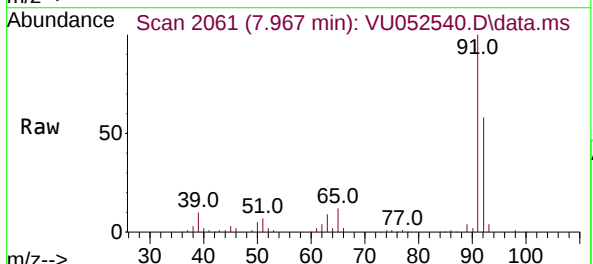
Acq: 23 Dec 2022 16:21

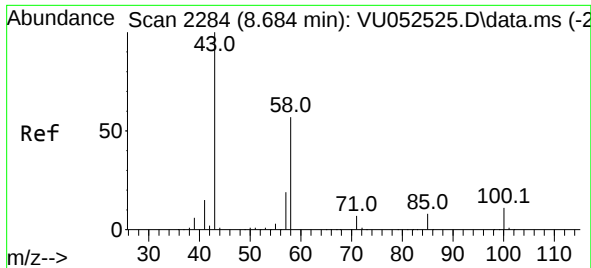
Tgt Ion: 91 Resp: 143941

Ion Ratio Lower Upper

91 100

92 57.9 40.6 75.4



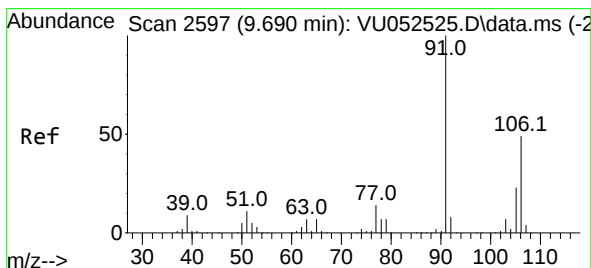
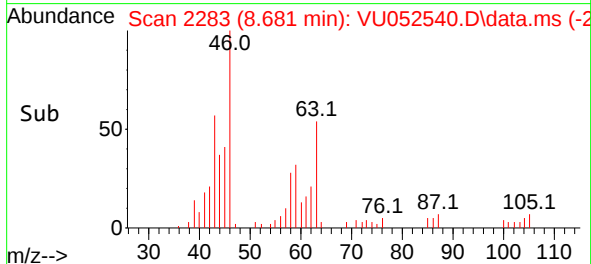
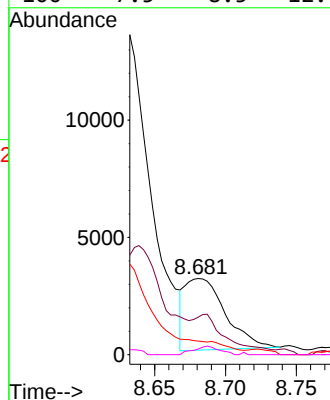
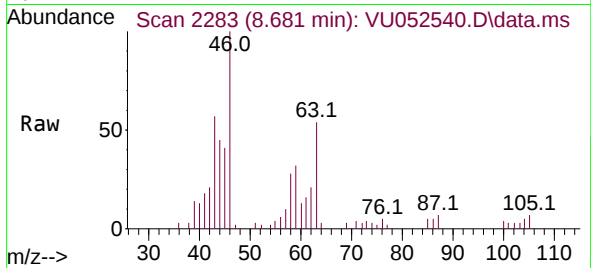


#48
2-Hexanone
Concen: 0.666 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052540.D
Acq: 23 Dec 2022 16:21

Instrument :
MSVOA_U
ClientSampleId :
COL47

Tgt Ion: 43 Resp: 6062

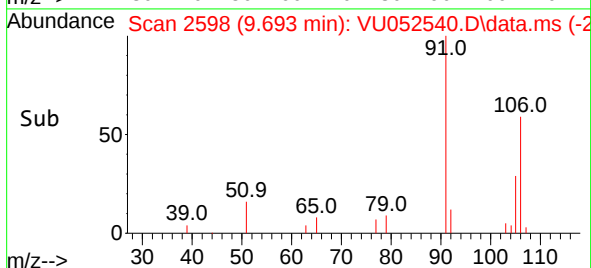
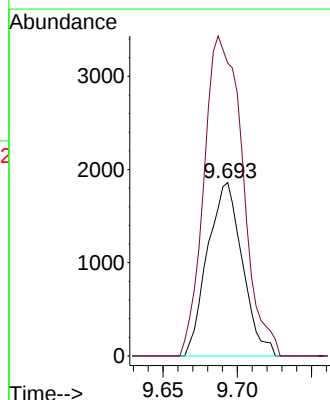
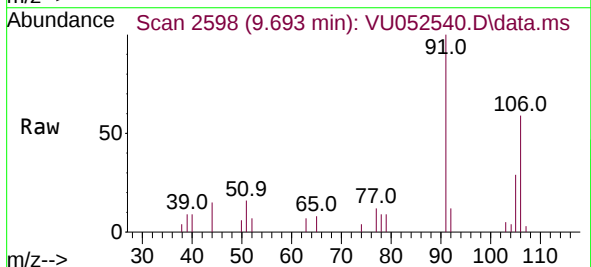
Ion	Ratio	Lower	Upper
43	100		
58	32.5	44.1	66.1#
57	0.0	14.6	21.8#
100	7.5	8.5	12.7#

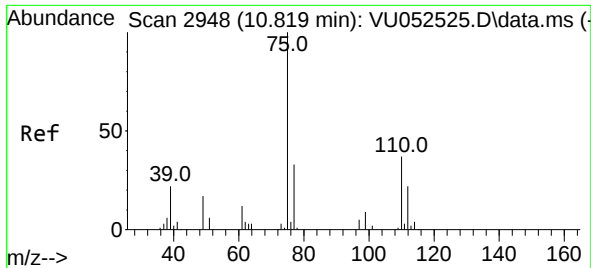


#53
m,p-Xylene
Concen: 0.140 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU052540.D
Acq: 23 Dec 2022 16:21

Tgt Ion: 106 Resp: 3031

Ion	Ratio	Lower	Upper
106	100		
91	168.9	148.2	275.2





#61

1,2,3-Trichloropropane

Concen: 0.968 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU052540.D

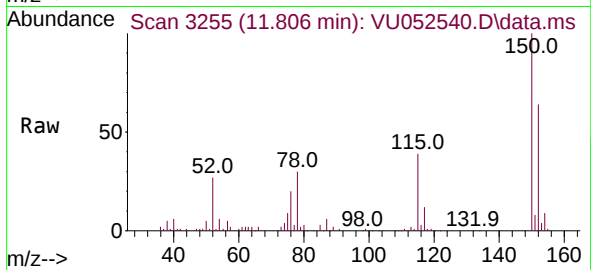
Acq: 23 Dec 2022 16:21

Instrument :

MSVOA_U

ClientSampleId :

C0L47



Tgt Ion:	75	Resp:	10129
Ion	Ratio	Lower	Upper
75	100		
110	1.9	27.9	41.9#
77	34.6	25.9	38.9

