

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052537.D
 Acq On : 23 Dec 2022 15:11
 Operator : JC/MD
 Sample : N6188-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL44

Quant Time: Dec 24 03:56:37 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)

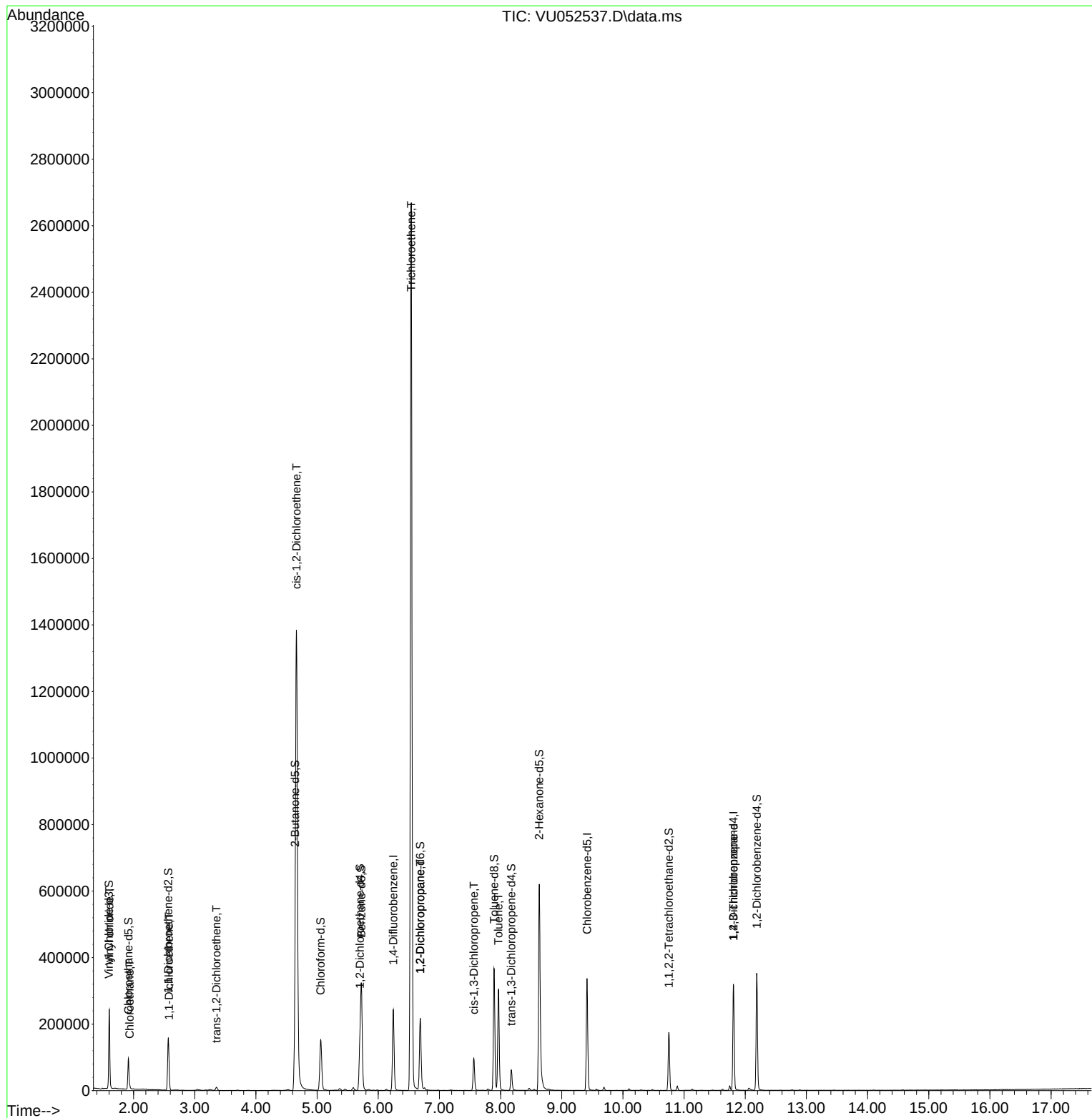
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	189948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	177995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	80520	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68720	3.571	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.916	69	68299	4.115	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.568	65	30663	3.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.642	46	320052	53.632	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.260%
24) Chloroform-d	5.060	84	143813	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.700	65	85223	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.722	84	294869	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.687	67	106561	5.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.893	98	235203	4.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.176	79	35247	4.900	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.632	63	220438	56.013	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.020%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	88153	4.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	85894	5.240	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	113209	5.119	ug/L	95
8) Chloroethane	1.935	64	4771	0.315	ug/L	93
12) 1,1-Dichloroethene	2.581	96	1585	0.111	ug/L #	1
18) trans-1,2-Dichloroethene	3.356	96	3534	0.241	ug/L	89
22) cis-1,2-Dichloroethene	4.665	96	653828	40.636	ug/L	98
34) Trichloroethene	6.539	95	929328	62.005	ug/L	99
37) 1,2-Dichloropropane	6.687	63	10836	0.606	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2518	0.111	ug/L	83
42) Toluene	7.967	91	214093	3.483	ug/L	100
61) 1,2,3-Trichloropropane	11.806	75	11207	0.970	ug/L #	69

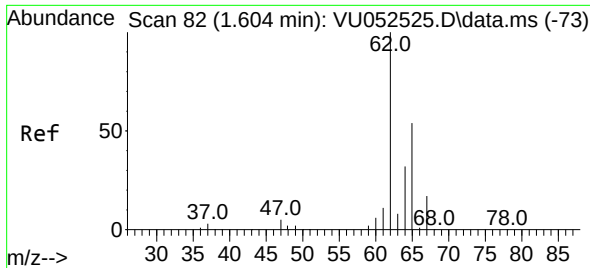
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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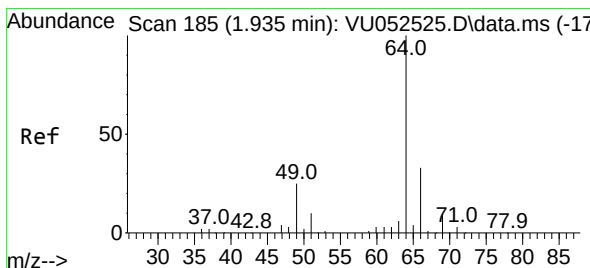
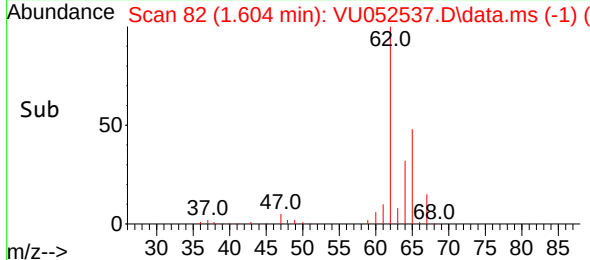
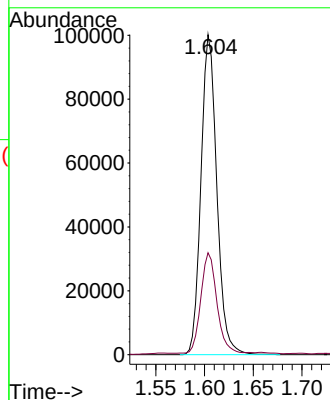
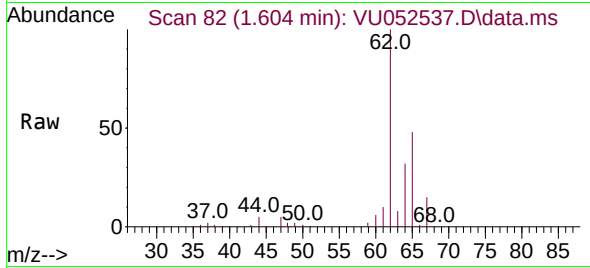




#5
 Vinyl chloride
 Concen: 5.119 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052537.D
 Acq: 23 Dec 2022 15:11

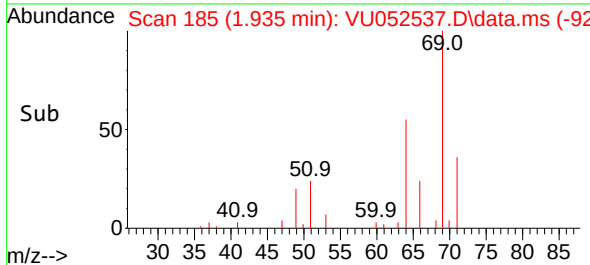
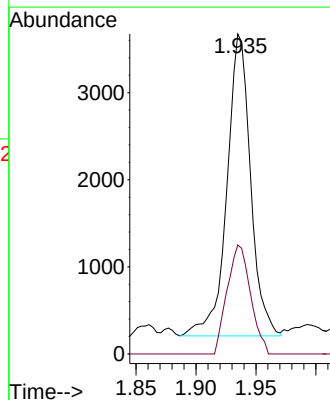
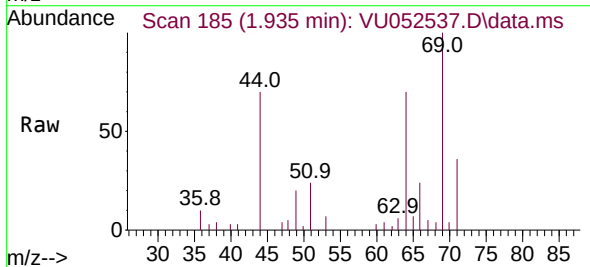
Instrument :
 MSVOA_U
 ClientSampleId :
 COL44

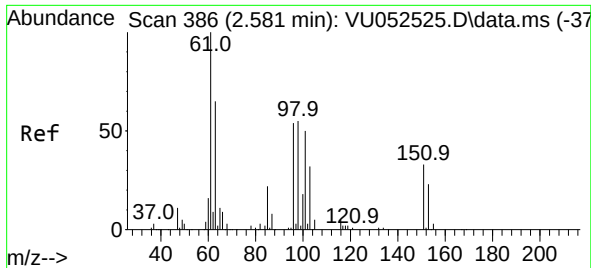
Tgt Ion: 62 Resp: 113209
 Ion Ratio Lower Upper
 62 100
 64 31.9 24.4 45.4



#8
 Chloroethane
 Concen: 0.315 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. -0.000 min
 Lab File: VU052537.D
 Acq: 23 Dec 2022 15:11

Tgt Ion: 64 Resp: 4771
 Ion Ratio Lower Upper
 64 100
 66 34.1 21.3 39.5





#12

1,1-Dichloroethene

Concen: 0.111 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.000 min

Lab File: VU052537.D

Acq: 23 Dec 2022 15:11

Instrument :

MSVOA_U

ClientSampleId :

C0L44

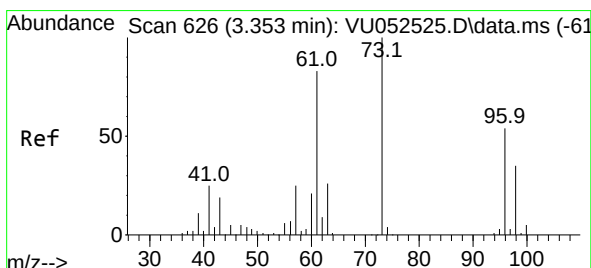
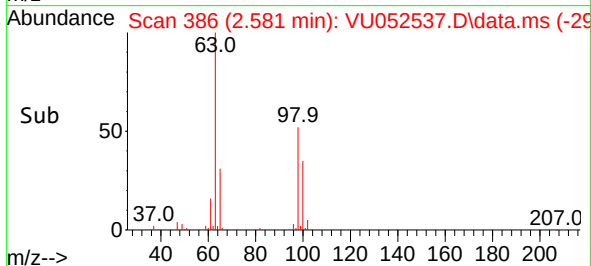
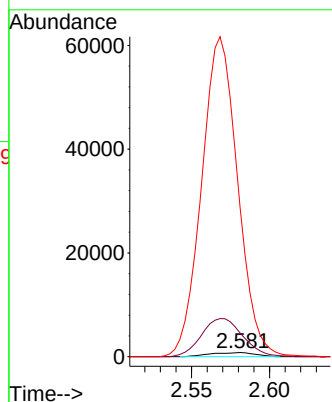
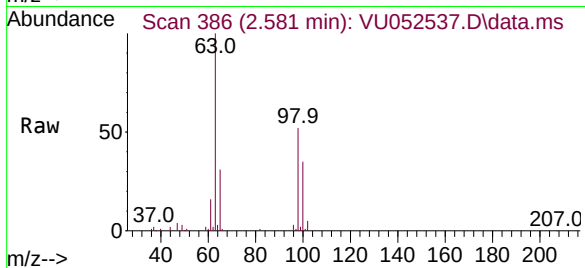
Tgt Ion: 96 Resp: 1585

Ion Ratio Lower Upper

96 100

61 573.3 135.4 251.4#

63 3619.0 95.4 177.2#



#18

trans-1,2-Dichloroethene

Concen: 0.241 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU052537.D

Acq: 23 Dec 2022 15:11

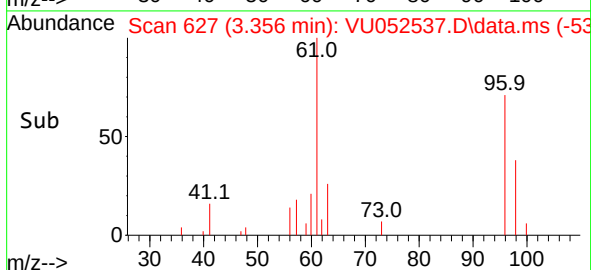
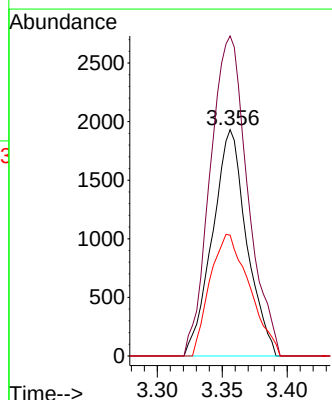
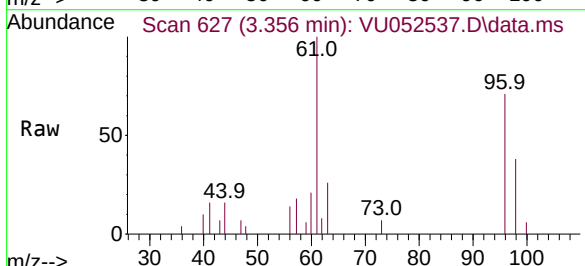
Tgt Ion: 96 Resp: 3534

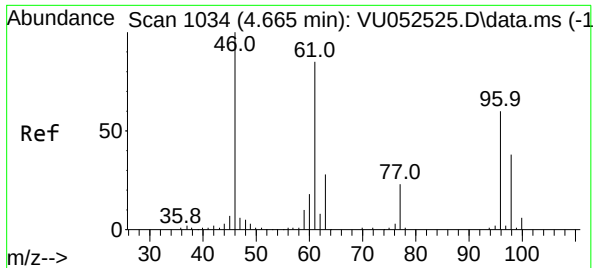
Ion Ratio Lower Upper

96 100

61 141.4 108.3 201.1

98 53.4 44.0 81.6

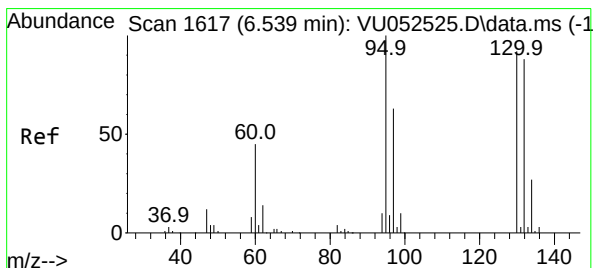
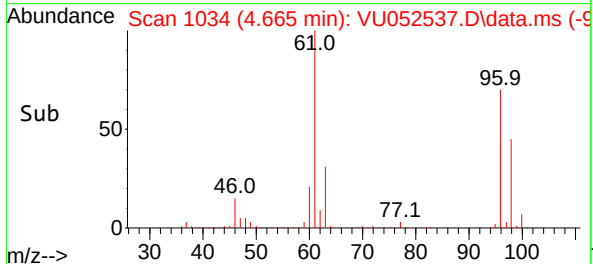
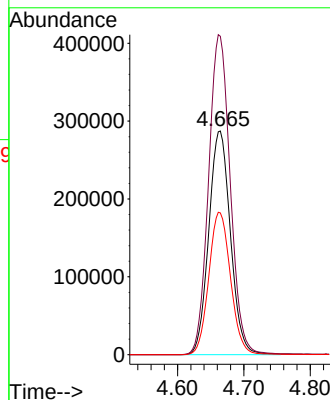
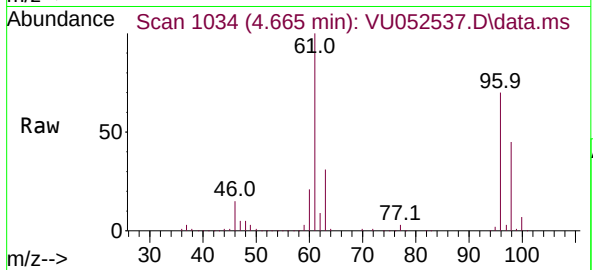




#22
cis-1,2-Dichloroethene
Concen: 40.636 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052537.D
Acq: 23 Dec 2022 15:11

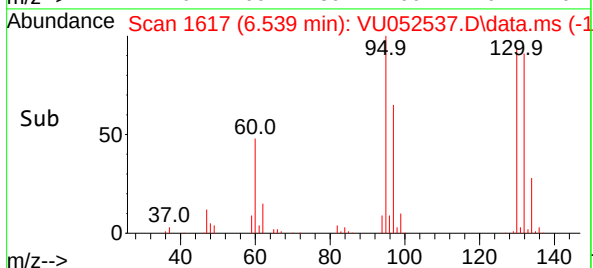
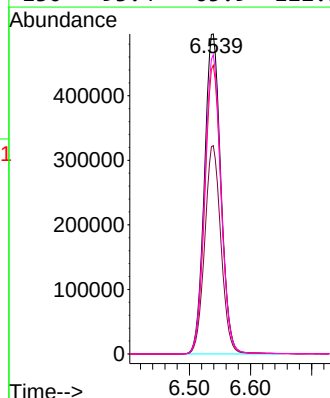
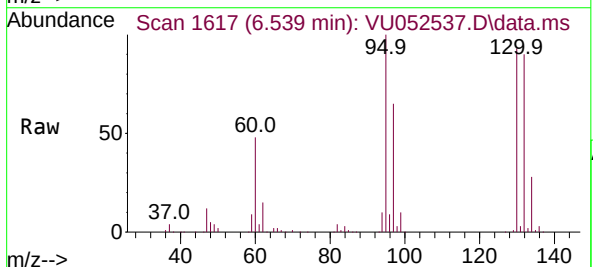
Instrument :
MSVOA_U
ClientSampleId :
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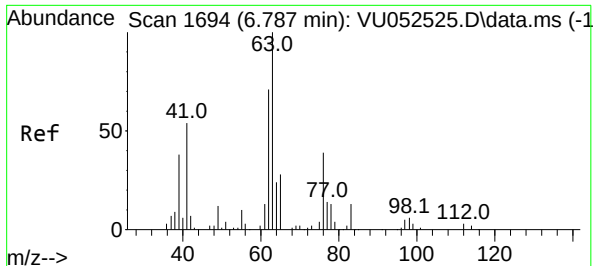
Tgt Ion: 96 Resp: 653828
Ion Ratio Lower Upper
96 100
61 142.4 96.9 180.1
98 63.4 44.7 83.1



#34
Trichloroethene
Concen: 62.005 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052537.D
Acq: 23 Dec 2022 15:11

Tgt Ion: 95 Resp: 929328
Ion Ratio Lower Upper
95 100
97 65.1 46.3 86.1
132 90.2 63.9 118.7
130 93.4 65.9 122.5





#37

1,2-Dichloropropane

Concen: 0.606 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052537.D

Acq: 23 Dec 2022 15:11

Instrument :

MSVOA_U

ClientSampleId :

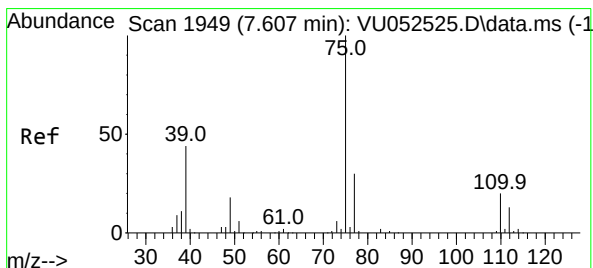
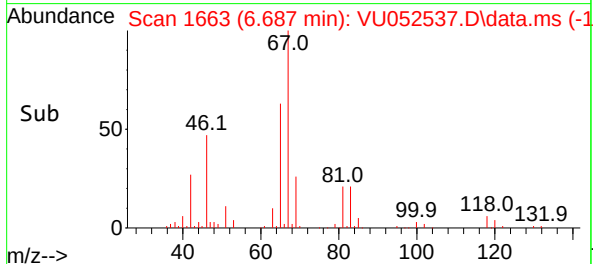
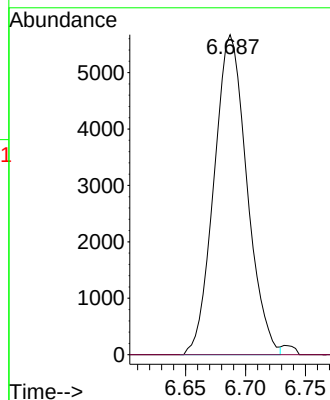
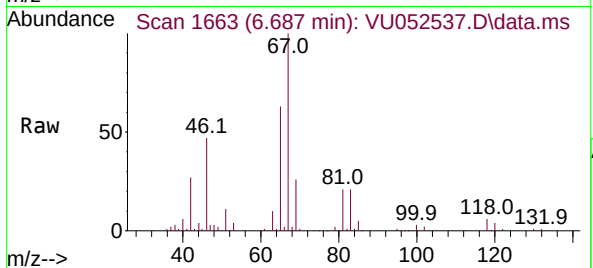
COL44

Tgt Ion: 63 Resp: 10836

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU052537.D

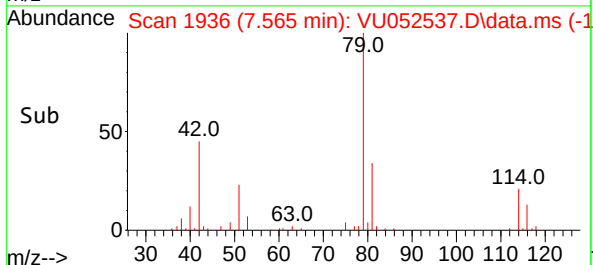
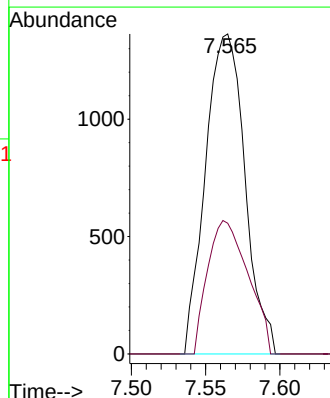
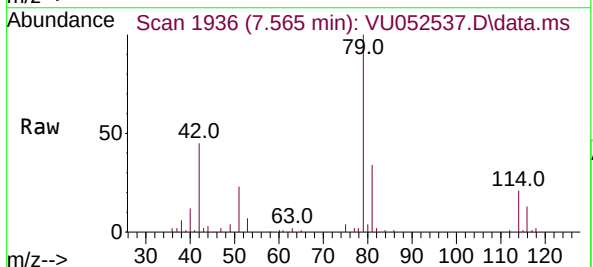
Acq: 23 Dec 2022 15:11

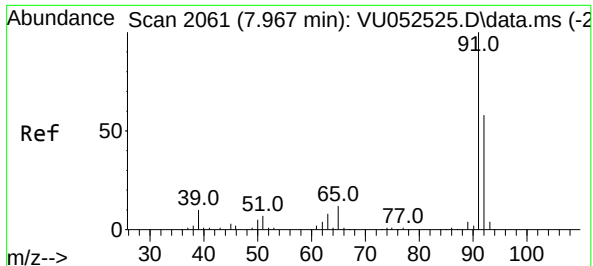
Tgt Ion: 75 Resp: 2518

Ion Ratio Lower Upper

75 100

77 40.9 22.0 41.0

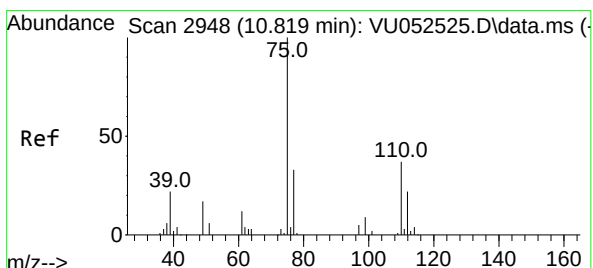
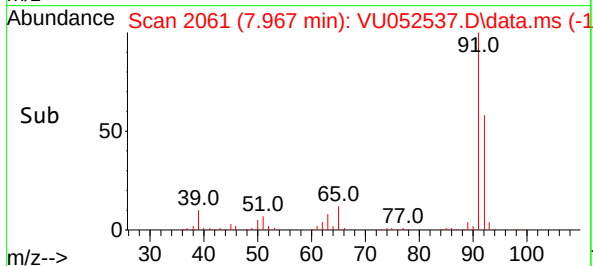
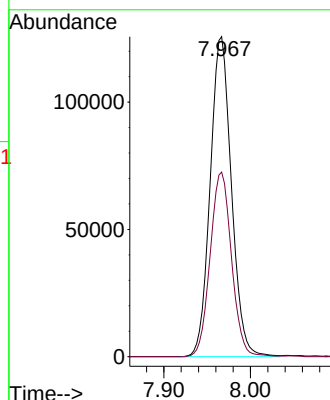
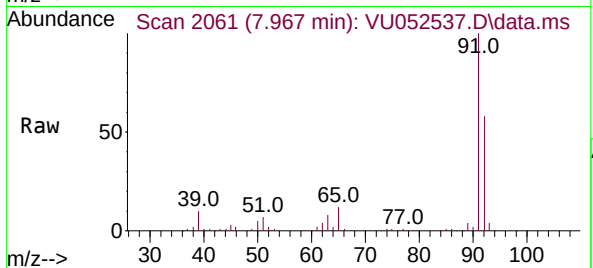




#42
Toluene
Concen: 3.483 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052537.D
Acq: 23 Dec 2022 15:11

Instrument :
MSVOA_U
ClientSampleId :
COL44

Tgt Ion: 91 Resp: 214093
Ion Ratio Lower Upper
91 100
92 57.7 40.6 75.4



#61
1,2,3-Trichloropropane
Concen: 0.970 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052537.D
Acq: 23 Dec 2022 15:11

Tgt Ion: 75 Resp: 11207
Ion Ratio Lower Upper
75 100
110 1.3 27.9 41.9#
77 33.6 25.9 38.9

