

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052539.D
 Acq On : 23 Dec 2022 15:58
 Operator : JC/MD
 Sample : N6188-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL46

Quant Time: Dec 24 03:57:02 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)

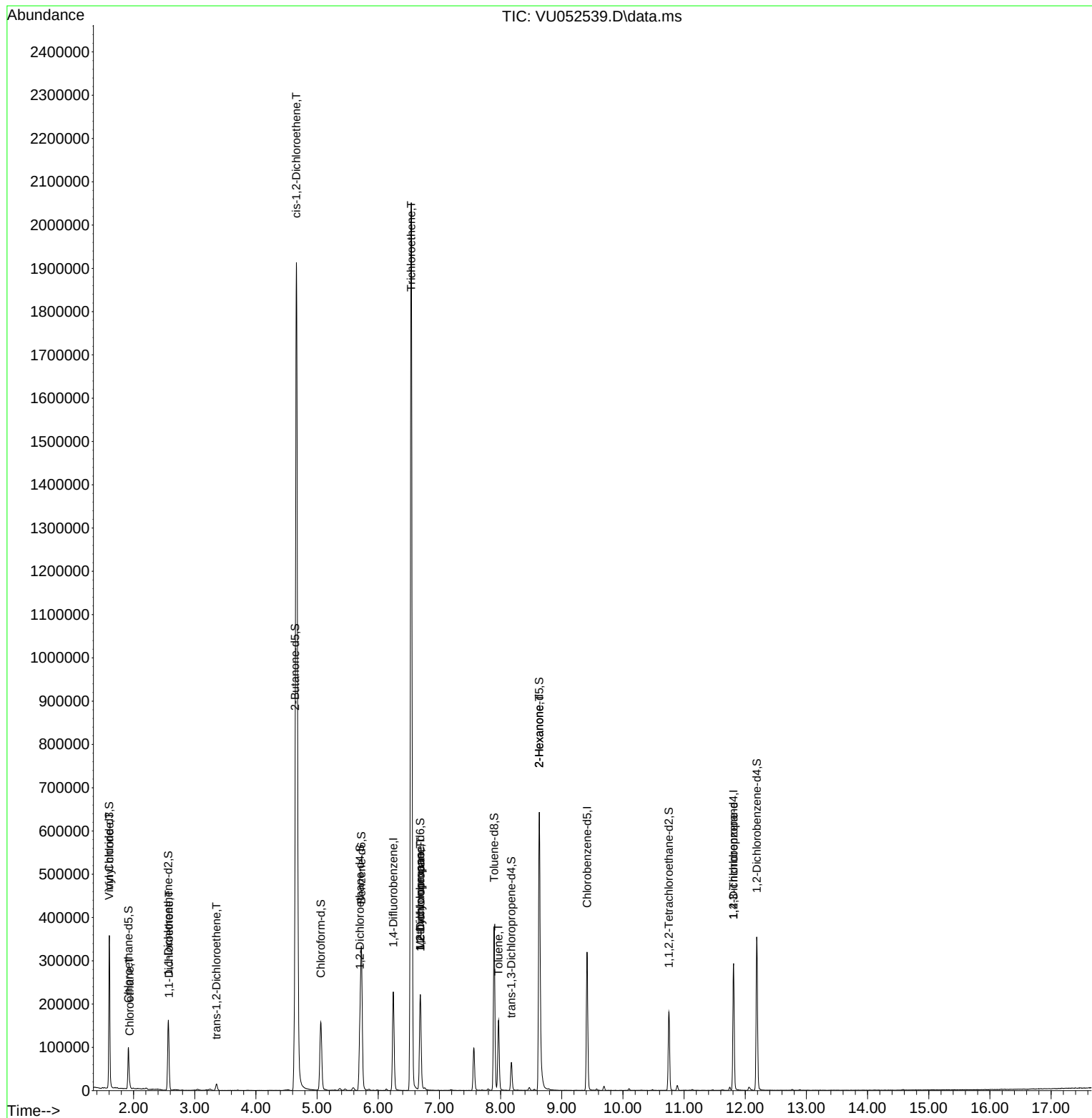
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	176262	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	168208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	75026	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	69993	3.920	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.916	69	71790	4.662	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.568	65	31277	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.642	46	343738	62.074	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.140%
24) Chloroform-d	5.060	84	148346	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.700	65	88591	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.726	84	302454	5.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	6.687	67	109081	5.495	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.800%
41) Toluene-d8	7.896	98	243192	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.176	79	36241	5.331	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.632	63	234519	63.058	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.120%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93206	5.530	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	88763	5.811	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	192020	9.357	ug/L	94
8) Chloroethane	1.935	64	5704	0.406	ug/L	94
12) 1,1-Dichloroethene	2.578	96	1557	0.118	ug/L #	1
18) trans-1,2-Dichloroethene	3.356	96	5567	0.409	ug/L	92
22) cis-1,2-Dichloroethene	4.661	96	917297	61.437	ug/L	97
34) Trichloroethene	6.539	95	706086	49.851	ug/L	98
35) Methylcyclohexane	6.687	83	23382	1.095	ug/L #	14
37) 1,2-Dichloropropane	6.690	63	11337	0.671	ug/L #	88
42) Toluene	7.967	91	114424	1.970	ug/L	100
48) 2-Hexanone	8.632	43	30363	3.260	ug/L #	75
61) 1,2,3-Trichloropropane	11.809	75	9541	0.887	ug/L #	68

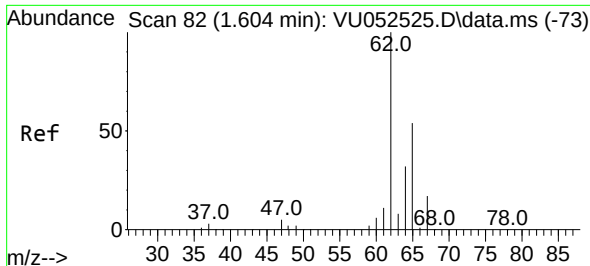
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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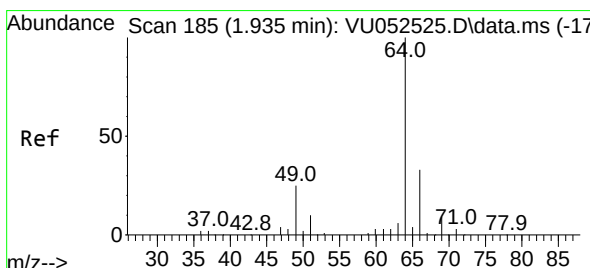
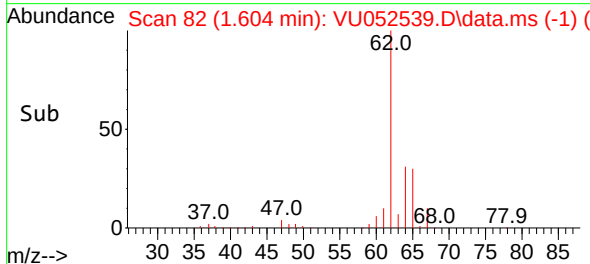
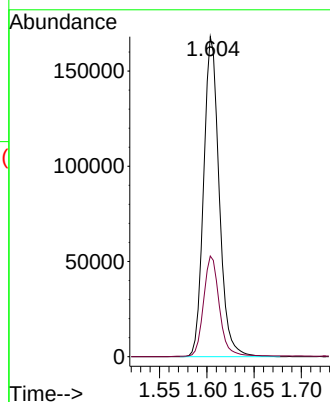
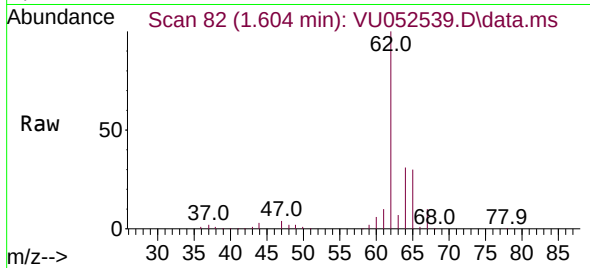




#5
 Vinyl chloride
 Concen: 9.357 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052539.D
 Acq: 23 Dec 2022 15:58

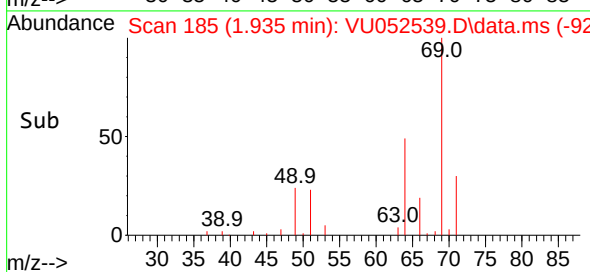
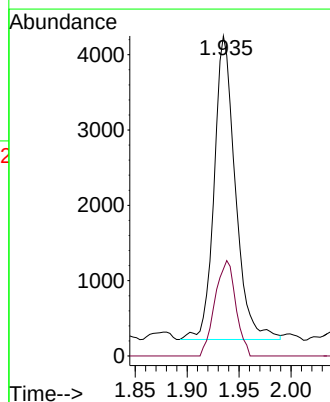
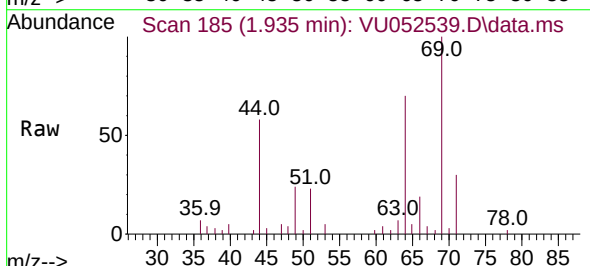
Instrument :
 MSVOA_U
 ClientSampleId :
 COL46

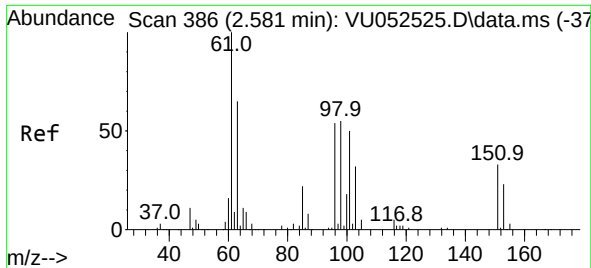
Tgt Ion: 62 Resp: 192020
 Ion Ratio Lower Upper
 62 100
 64 31.5 24.4 45.4



#8
 Chloroethane
 Concen: 0.406 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. -0.000 min
 Lab File: VU052539.D
 Acq: 23 Dec 2022 15:58

Tgt Ion: 64 Resp: 5704
 Ion Ratio Lower Upper
 64 100
 66 27.2 21.3 39.5





#12

1,1-Dichloroethene

Concen: 0.118 ug/L

RT: 2.578 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU052539.D

Acq: 23 Dec 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :

COL46

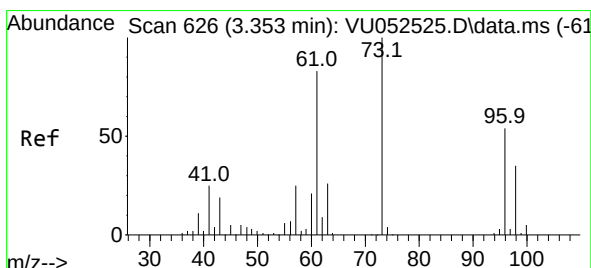
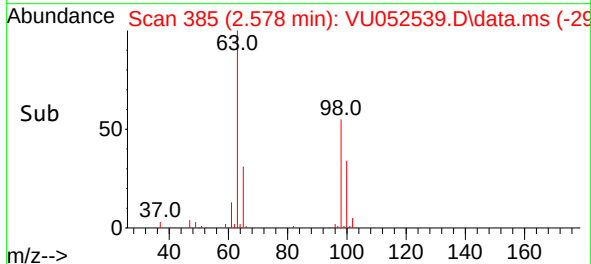
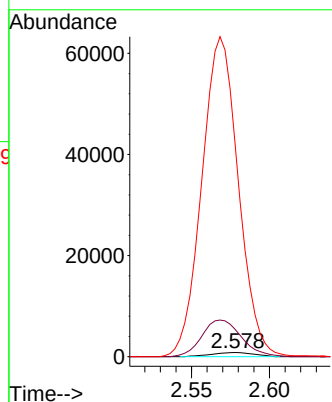
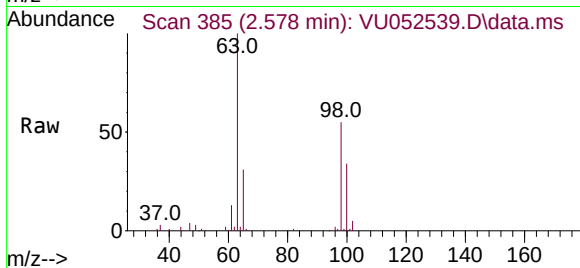
Tgt Ion: 96 Resp: 1557

Ion Ratio Lower Upper

96 100

61 651.2 135.4 251.4#

63 5074.7 95.4 177.2#



#18

trans-1,2-Dichloroethene

Concen: 0.409 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU052539.D

Acq: 23 Dec 2022 15:58

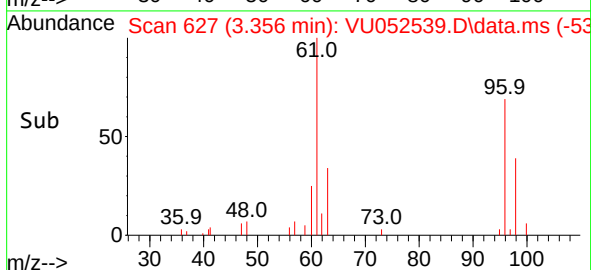
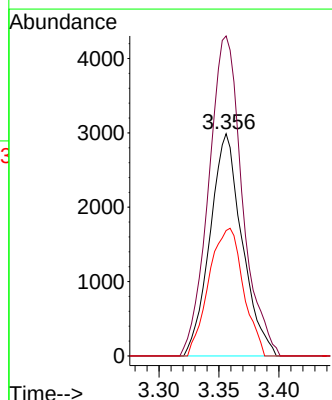
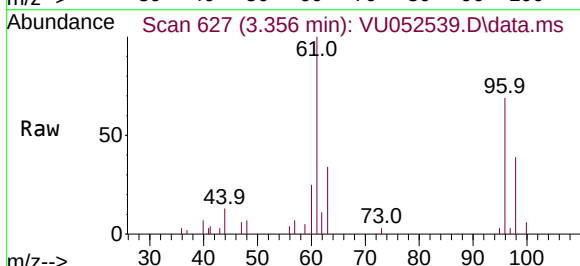
Tgt Ion: 96 Resp: 5567

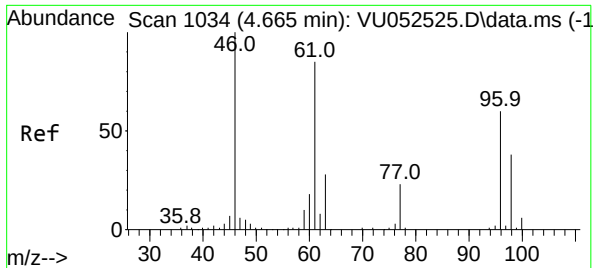
Ion Ratio Lower Upper

96 100

61 144.0 108.3 201.1

98 56.4 44.0 81.6

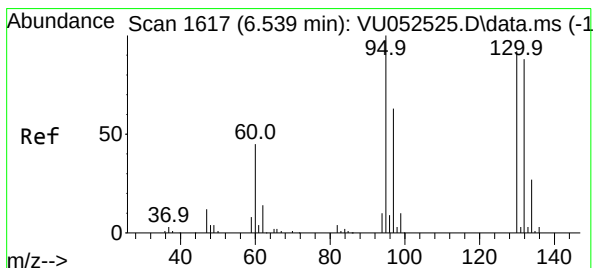
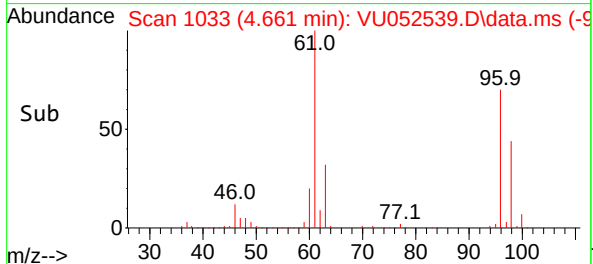
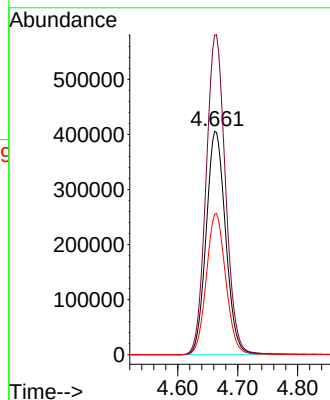
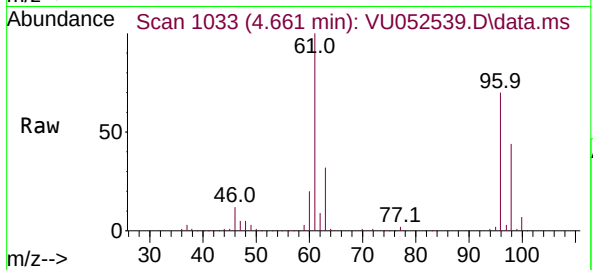




#22
cis-1,2-Dichloroethene
Concen: 61.437 ug/L
RT: 4.661 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VU052539.D
Acq: 23 Dec 2022 15:58

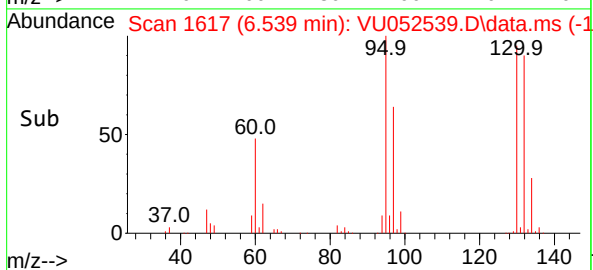
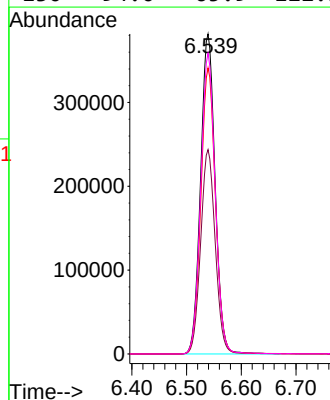
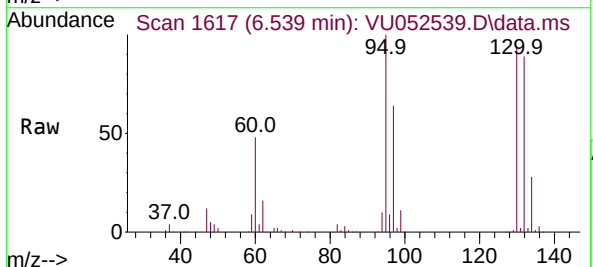
Instrument :
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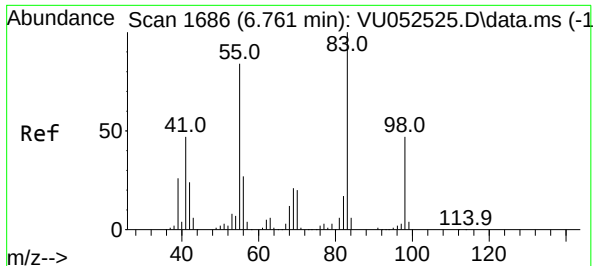
Tgt Ion: 96 Resp: 917297
Ion Ratio Lower Upper
96 100
61 143.0 96.9 180.1
98 62.8 44.7 83.1



#34
Trichloroethene
Concen: 49.851 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052539.D
Acq: 23 Dec 2022 15:58

Tgt Ion: 95 Resp: 706086
Ion Ratio Lower Upper
95 100
97 63.8 46.3 86.1
132 89.4 63.9 118.7
130 94.0 65.9 122.5





#35

Methylcyclohexane

Concen: 1.095 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU052539.D

Acq: 23 Dec 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :

COL46

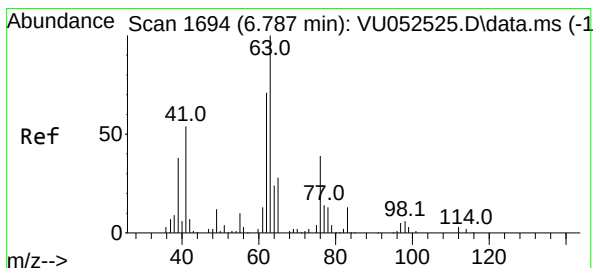
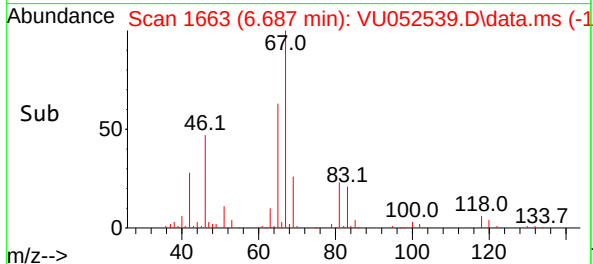
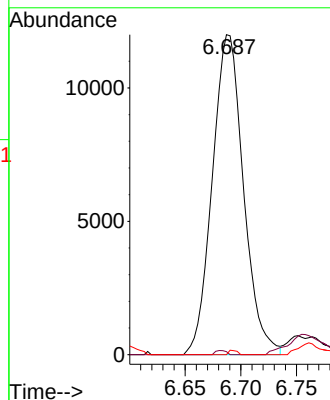
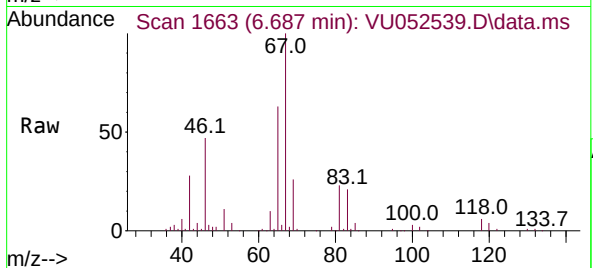
Tgt Ion: 83 Resp: 23382

Ion Ratio Lower Upper

83 100

55 0.4 71.4 107.0#

98 0.0 36.5 54.7#



#37

1,2-Dichloropropane

Concen: 0.671 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.097 min

Lab File: VU052539.D

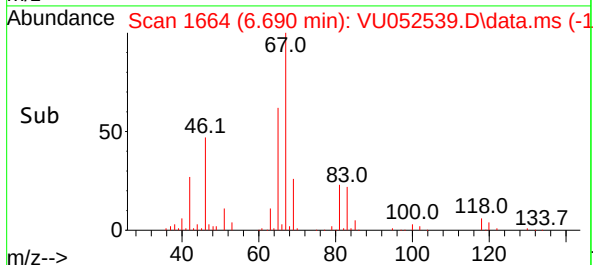
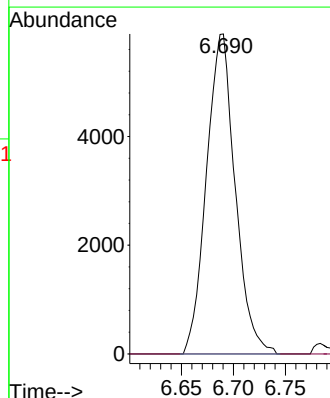
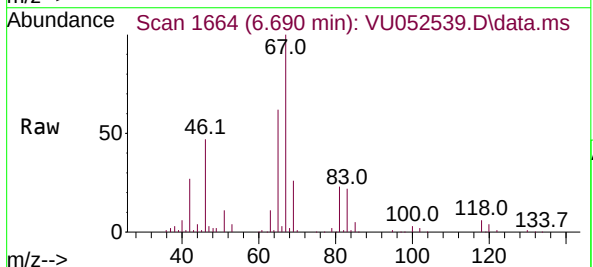
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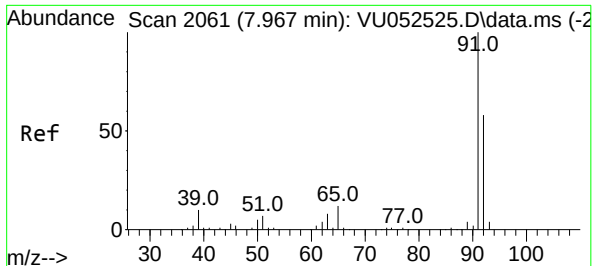
Tgt Ion: 63 Resp: 11337

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#





#42

Toluene

Concen: 1.970 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052539.D

Acq: 23 Dec 2022 15:58

Instrument :

MSVOA_U

ClientSampleId :

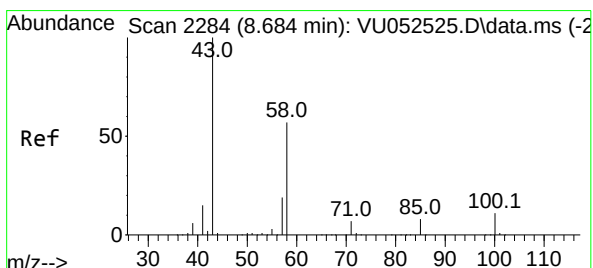
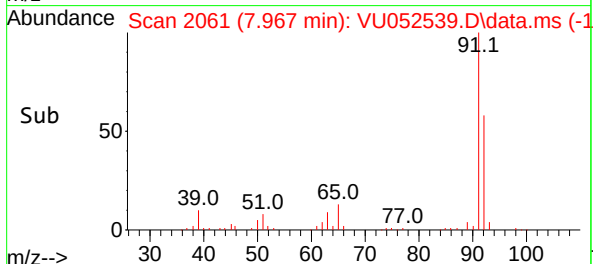
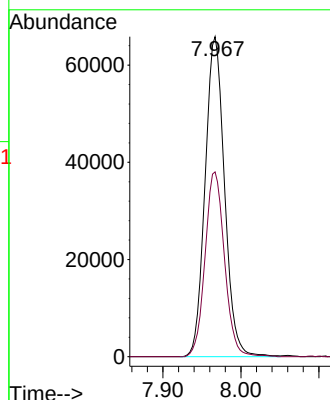
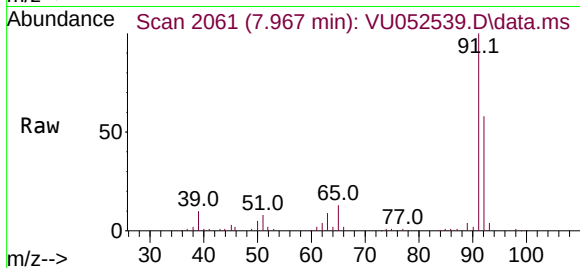
COL46

Tgt Ion: 91 Resp: 114424

Ion Ratio Lower Upper

91 100

92 57.7 40.6 75.4



#48

2-Hexanone

Concen: 3.260 ug/L

RT: 8.632 min Scan# 2268

Delta R.T. -0.052 min

Lab File: VU052539.D

Acq: 23 Dec 2022 15:58

Tgt Ion: 43 Resp: 30363

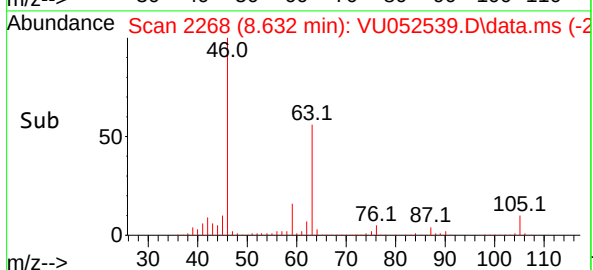
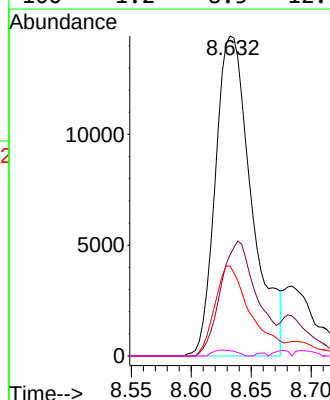
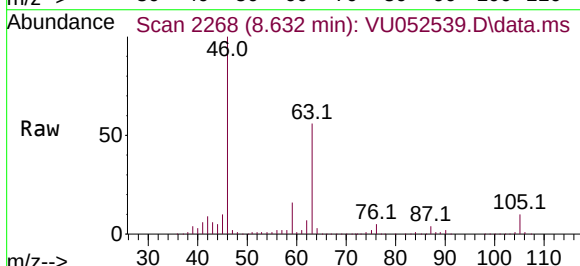
Ion Ratio Lower Upper

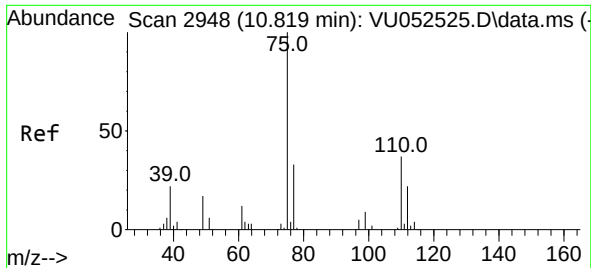
43 100

58 36.1 44.1 66.1#

57 27.9 14.6 21.8#

100 1.2 8.5 12.7#





#61
 1,2,3-Trichloropropane
 Concen: 0.887 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052539.D
 Acq: 23 Dec 2022 15:58

Instrument :
 MSVOA_U
 ClientSampleId :
 COL46

Tgt Ion: 75 Resp: 9541
 Ion Ratio Lower Upper
 75 100
 110 2.2 27.9 41.9#
 77 35.9 25.9 38.9

