

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011623\
 Data File : VU052705.D
 Acq On : 16 Jan 2023 16:57
 Operator : JC/MD
 Sample : 01138-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1W8DL

Quant Time: Jan 17 05:34:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

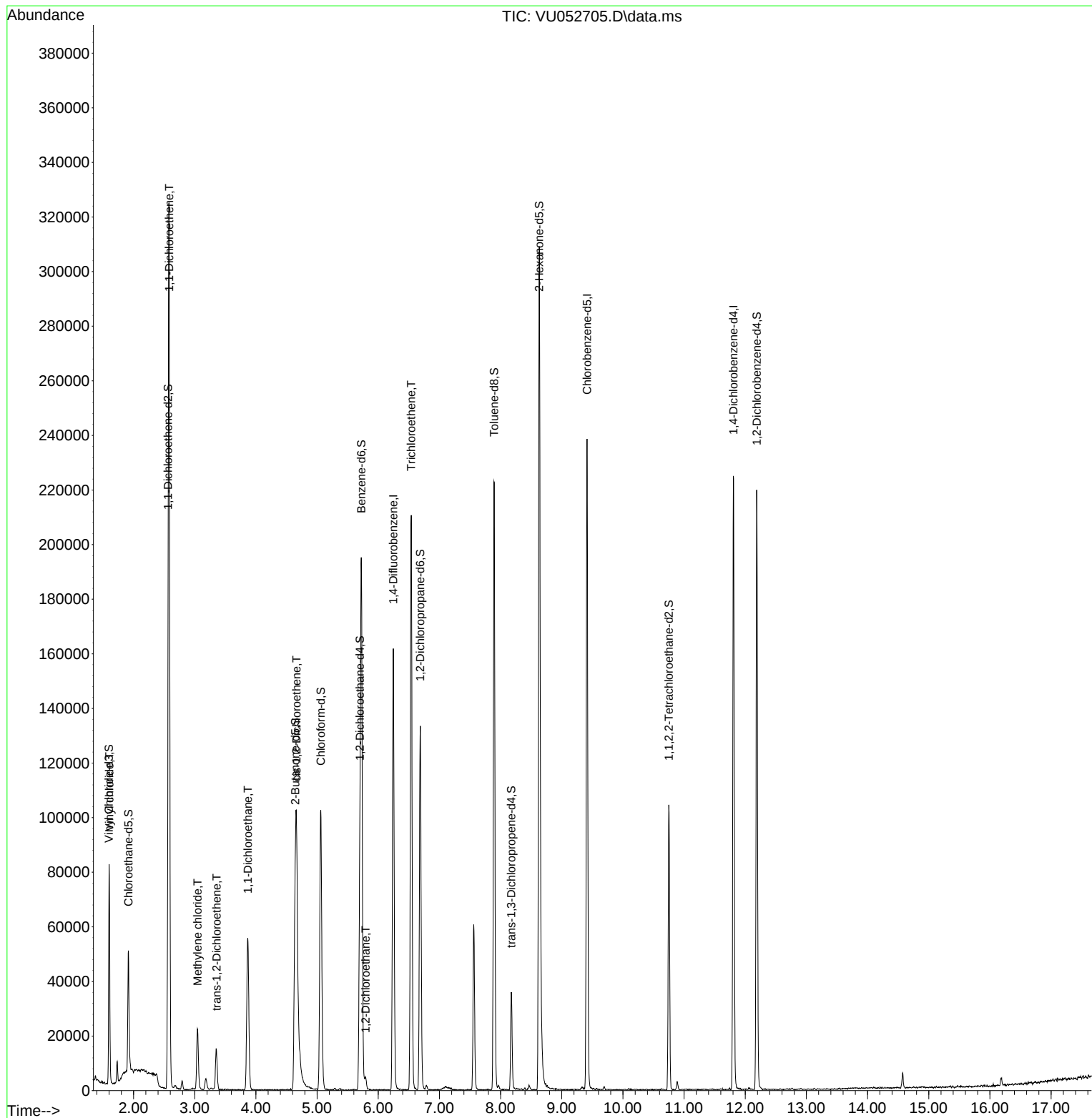
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	131540	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	60565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	33105	2.865	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.200%
7) Chloroethane-d5	1.916	69	34014	3.613	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.565	65	18079	3.552	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.645	46	149757	48.466	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.940%
24) Chloroform-d	5.060	84	97803	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.700	65	52845	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.722	84	183319	4.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.687	67	64903	4.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.893	98	146464	3.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.176	79	21122	4.048	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.632	63	107209	49.457	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.920%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	50984	4.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	58211	5.280	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
5) Vinyl chloride	1.604	62	29553	1.800	ug/L	98
12) 1,1-Dichloroethene	2.581	96	94791	8.312	ug/L #	79
16) Methylene chloride	3.047	84	11537	0.760	ug/L	79
18) trans-1,2-Dichloroethene	3.359	96	6330	0.544	ug/L	87
19) 1,1-Dichloroethane	3.867	63	66252	2.743	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	22366	1.791	ug/L	99
27) 1,2-Dichloroethane	5.793	62	3625	0.252	ug/L	98
34) Trichloroethene	6.539	95	72190	5.935	ug/L	95

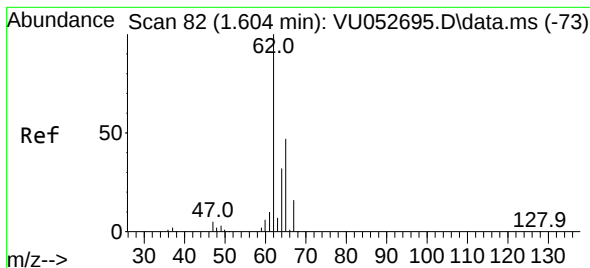
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 11 00:53:59 2023
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#5

Vinyl chloride

Concen: 1.800 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU052705.D

Acq: 16 Jan 2023 16:57

Instrument :

MSVOA_U

ClientSampleId :

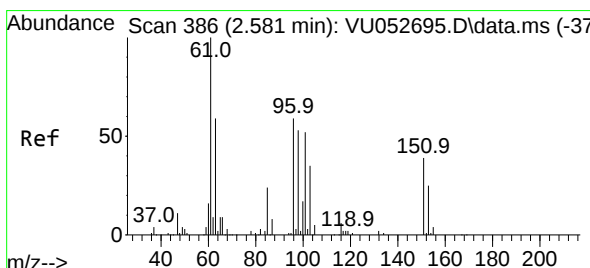
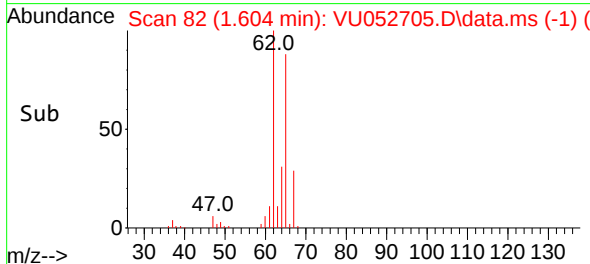
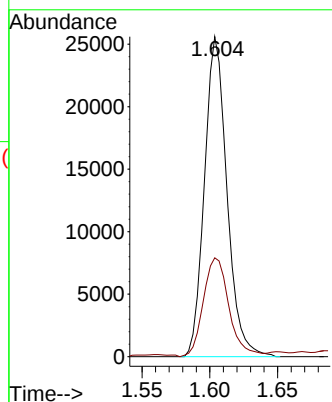
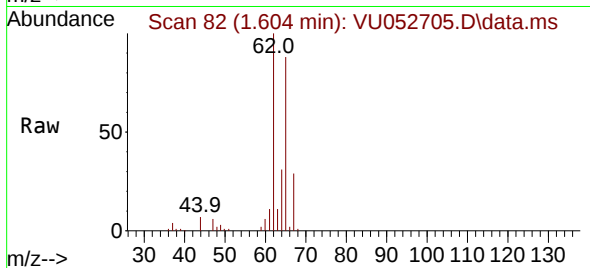
BH1W8DL

Tgt Ion: 62 Resp: 29553

Ion Ratio Lower Upper

62 100

64 30.9 22.3 41.3



#12

1,1-Dichloroethene

Concen: 8.312 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.000 min

Lab File: VU052705.D

Acq: 16 Jan 2023 16:57

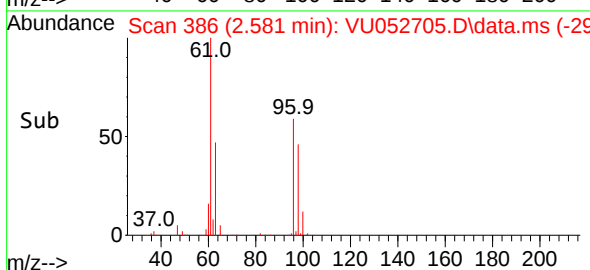
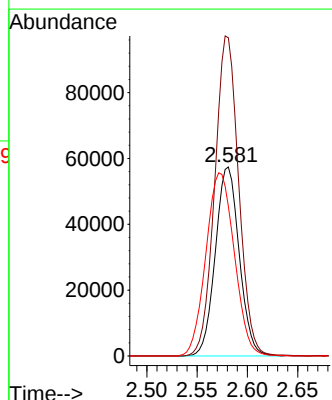
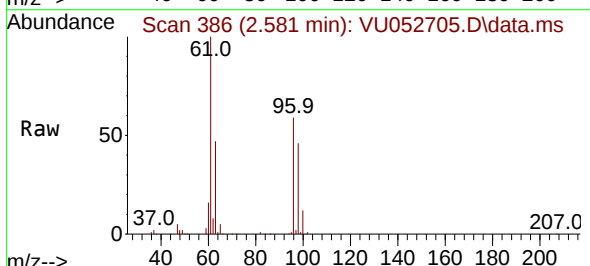
Tgt Ion: 96 Resp: 94791

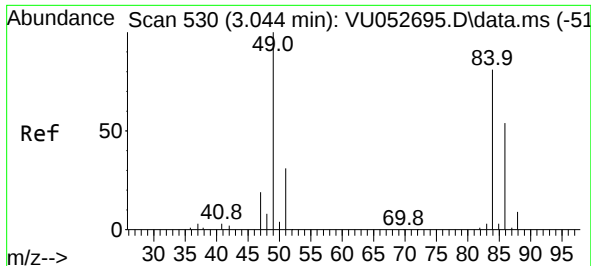
Ion Ratio Lower Upper

96 100

61 168.4 129.6 240.8

63 79.1 83.7 155.5#

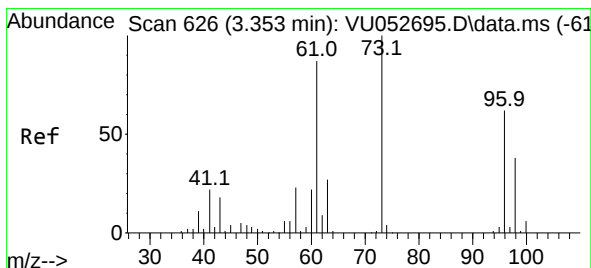
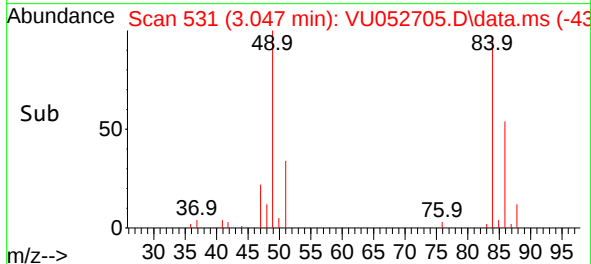
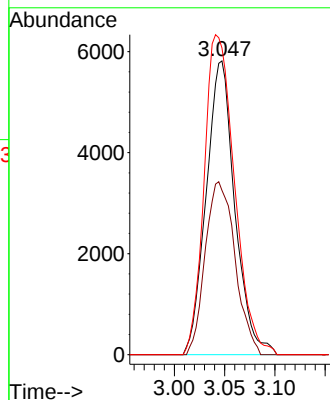
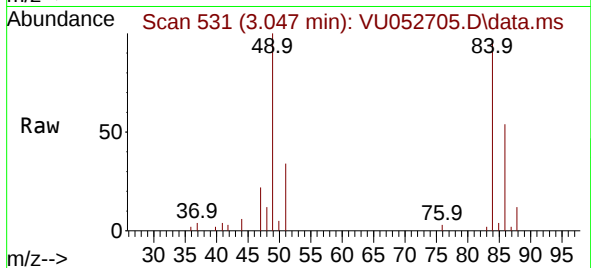




#16
Methylene chloride
Concen: 0.760 ug/L
RT: 3.047 min Scan# 511
Delta R.T. 0.003 min
Lab File: VU052705.D
Acq: 16 Jan 2023 16:57

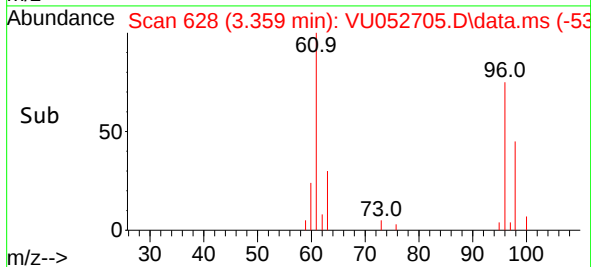
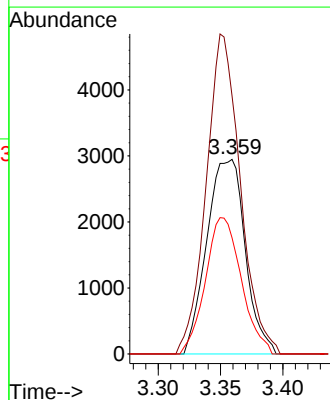
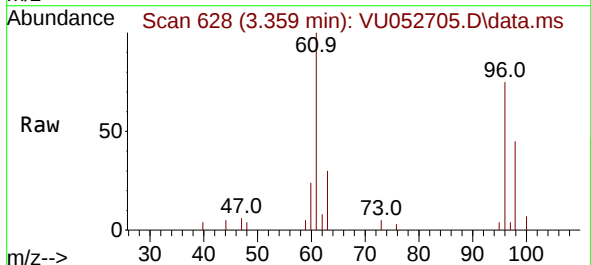
Instrument :
MSVOA_U
ClientSampleId :
BH1W8DL

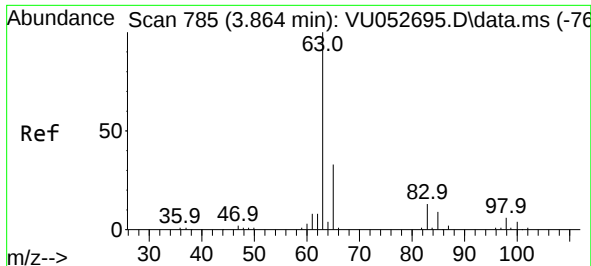
Tgt Ion: 84 Resp: 11537
Ion Ratio Lower Upper
84 100
86 55.9 45.6 84.6
49 104.4 94.8 176.0



#18
trans-1,2-Dichloroethene
Concen: 0.544 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.006 min
Lab File: VU052705.D
Acq: 16 Jan 2023 16:57

Tgt Ion: 96 Resp: 6330
Ion Ratio Lower Upper
96 100
61 132.6 108.4 201.4
98 59.7 43.8 81.4





#19

1,1-Dichloroethane

Concen: 2.743 ug/L

RT: 3.867 min Scan# 785

Delta R.T. 0.003 min

Lab File: VU052705.D

Acq: 16 Jan 2023 16:57

Instrument :

MSVOA_U

ClientSampleId :

BH1W8DL

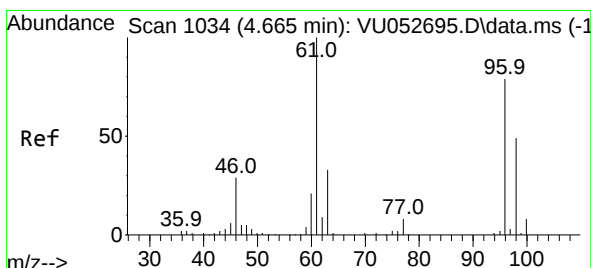
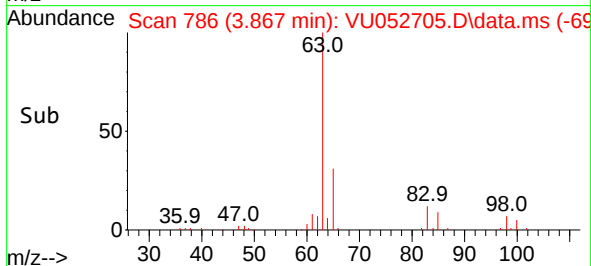
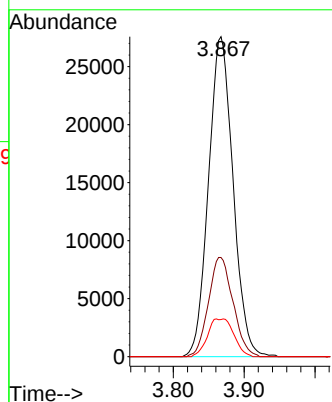
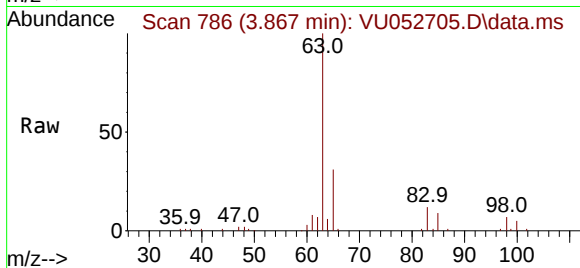
Tgt Ion: 63 Resp: 66252

Ion Ratio Lower Upper

63 100

65 31.0 22.0 41.0

83 11.6 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 1.791 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU052705.D

Acq: 16 Jan 2023 16:57

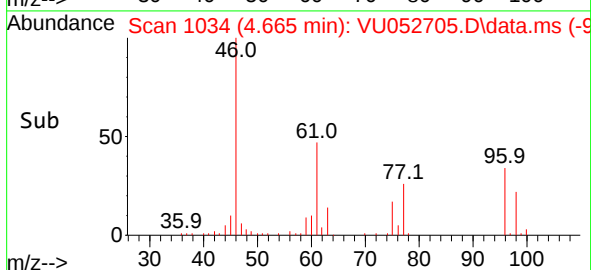
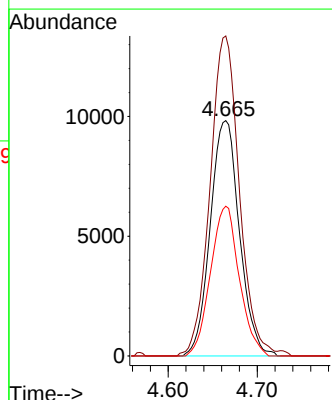
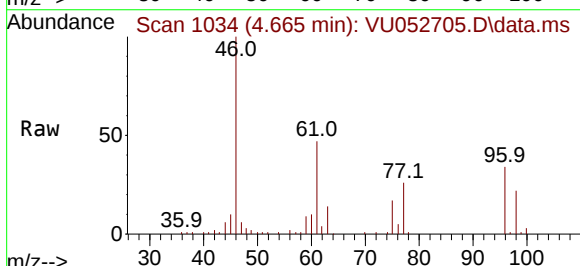
Tgt Ion: 96 Resp: 22366

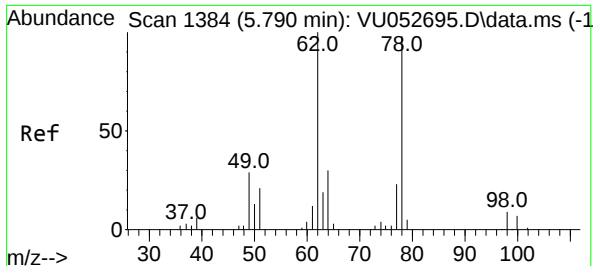
Ion Ratio Lower Upper

96 100

61 136.0 94.6 175.8

98 63.7 43.3 80.3

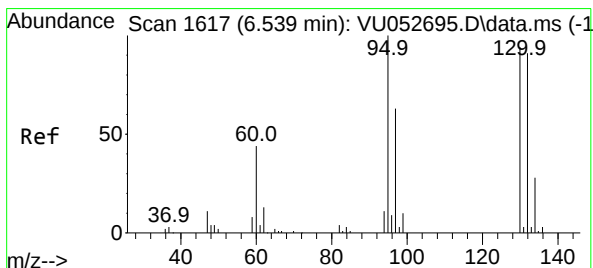
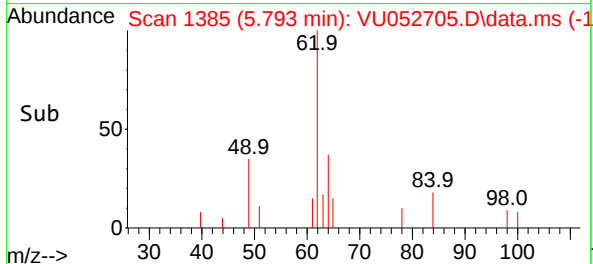
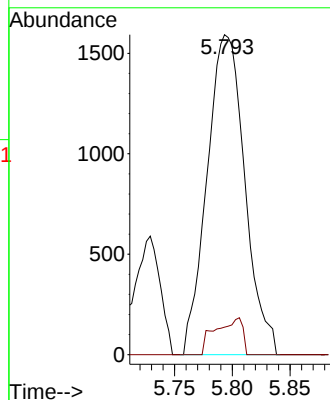
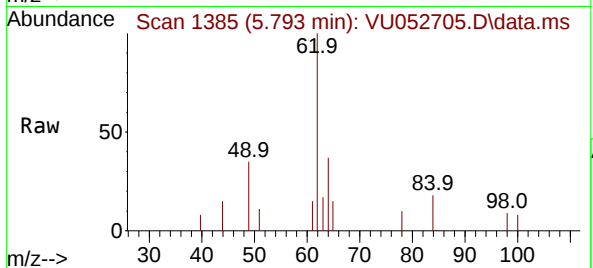




#27
1,2-Dichloroethane
Concen: 0.252 ug/L
RT: 5.793 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052705.D
Acq: 16 Jan 2023 16:57

Instrument :
MSVOA_U
ClientSampleId :
BH1W8DL

Tgt Ion: 62 Resp: 3625
Ion Ratio Lower Upper
62 100
98 8.6 7.5 11.3



#34
Trichloroethene
Concen: 5.935 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052705.D
Acq: 16 Jan 2023 16:57

Tgt Ion: 95 Resp: 72190
Ion Ratio Lower Upper
95 100
97 66.1 46.0 85.4
132 96.2 64.0 118.8
130 102.0 66.6 123.8

