

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
 Data File : VU052726.D
 Acq On : 17 Jan 2023 17:11
 Operator : JC/MD
 Sample : 01136-16DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:19:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 18 01:16:13 2023
 Response via : Initial Calibration

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

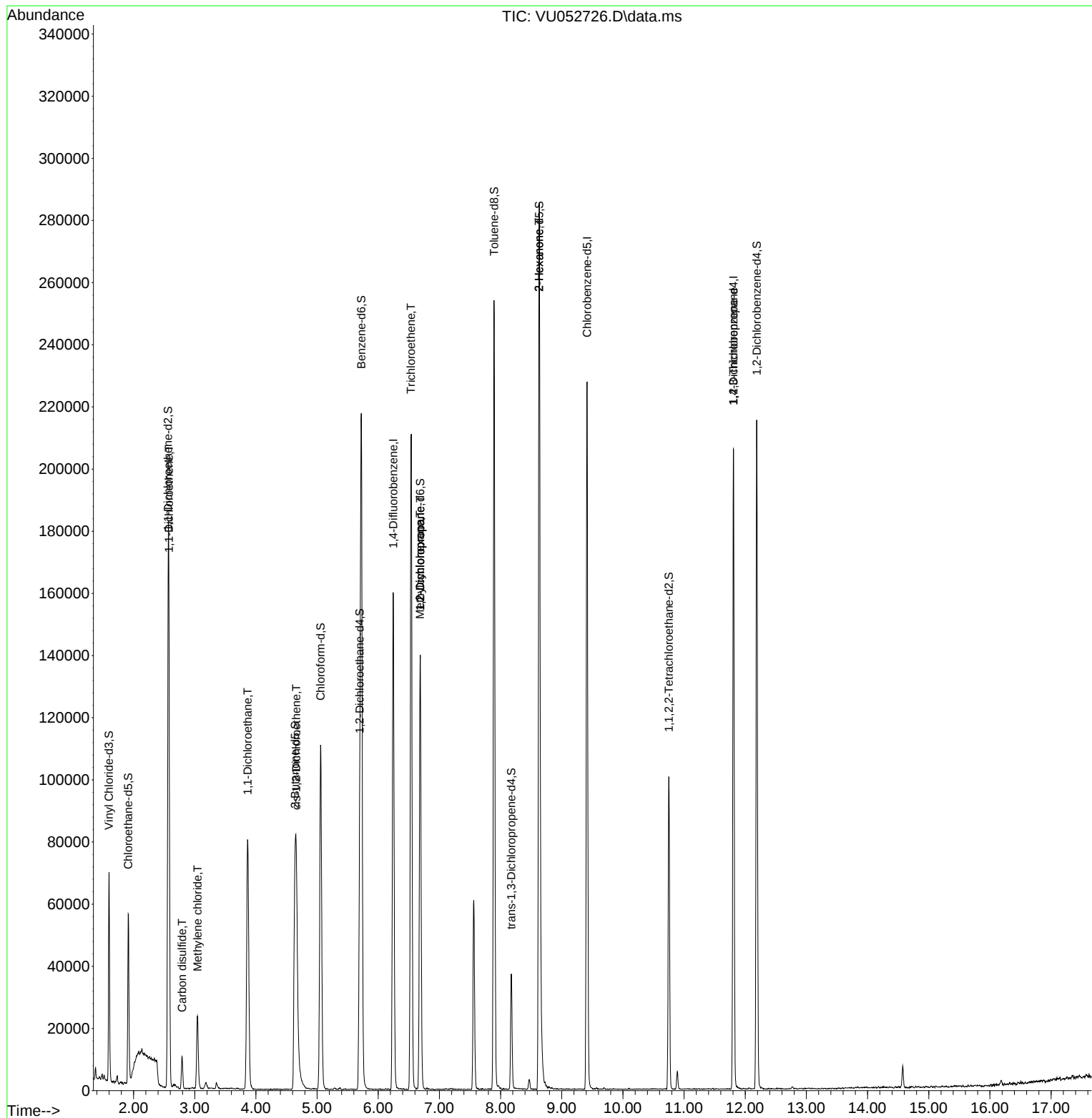
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	129728	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	126954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	55391	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48596	4.264	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.912	69	41936	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.565	65	23712	4.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.639	46	136078	44.655	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.300%
24) Chloroform-d	5.057	84	104833	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.697	65	55916	5.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.722	84	205164	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.687	67	66423	4.844	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.893	98	166769	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.176	79	21806	4.276	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.632	63	95552	45.109	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.220%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	48853	4.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	56885	5.641	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.578	96	32425	2.883	ug/L #	78
14) Carbon disulfide	2.793	76	13214	0.340	ug/L	98
16) Methylene chloride	3.044	84	11440	0.764	ug/L	88
19) 1,1-Dichloroethane	3.864	63	95821	4.023	ug/L	98
22) cis-1,2-Dichloroethene	4.661	96	14952	1.214	ug/L	94
34) Trichloroethene	6.536	95	72765	6.122	ug/L	98
35) Methylcyclohexane	6.684	83	16071	0.819	ug/L #	15
37) 1,2-Dichloropropane	6.687	63	6872	0.510	ug/L #	89
48) 2-Hexanone	8.629	43	12900	2.284	ug/L #	79
61) 1,2,3-Trichloropropane	11.806	75	6589	1.024	ug/L #	69

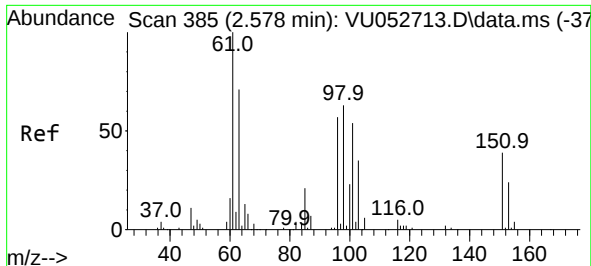
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.883 ug/L

RT: 2.578 min Scan# 385

Delta R.T. -0.000 min

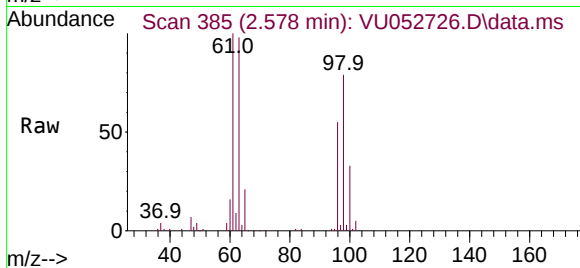
Lab File: VU052726.D

Acq: 17 Jan 2023 17:11

Instrument :

MSVOA_U

ClientSampleId :



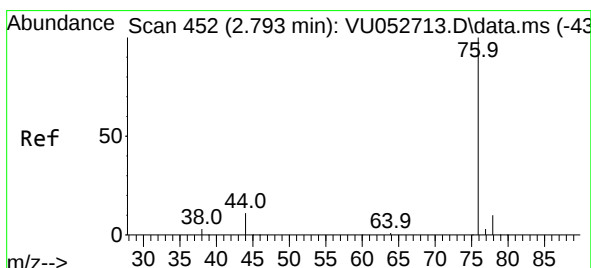
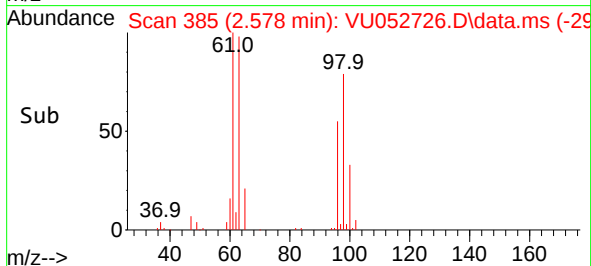
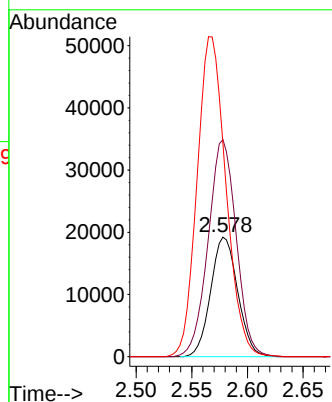
Tgt Ion: 96 Resp: 32425

Ion Ratio Lower Upper

96 100

61 181.7 129.6 240.8

63 178.6 83.7 155.5#



#14

Carbon disulfide

Concen: 0.340 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052726.D

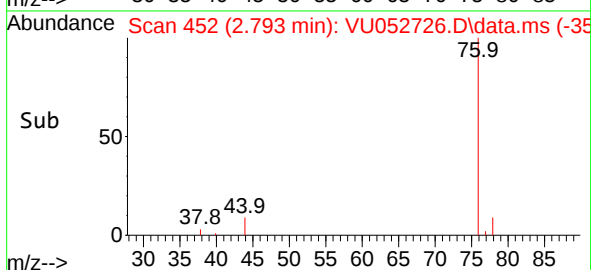
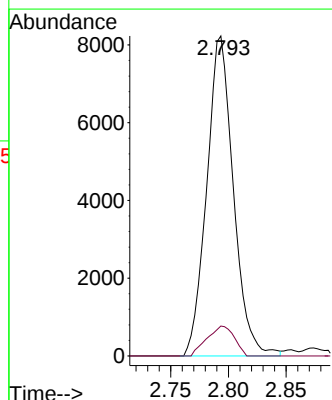
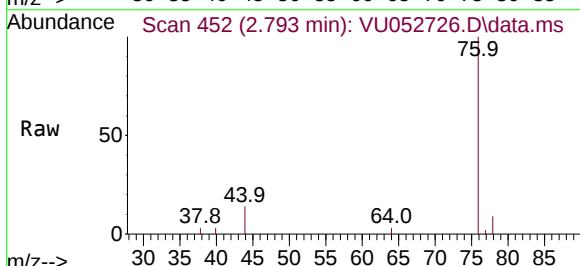
Acq: 17 Jan 2023 17:11

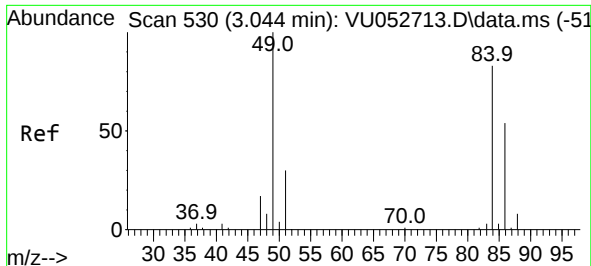
Tgt Ion: 76 Resp: 13214

Ion Ratio Lower Upper

76 100

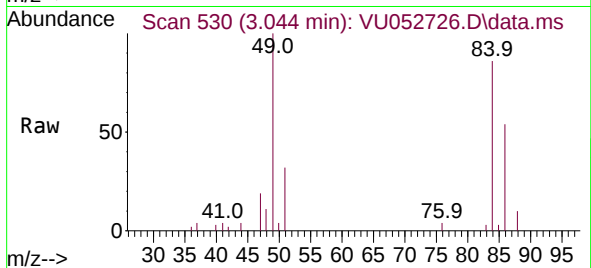
78 9.3 7.0 10.6



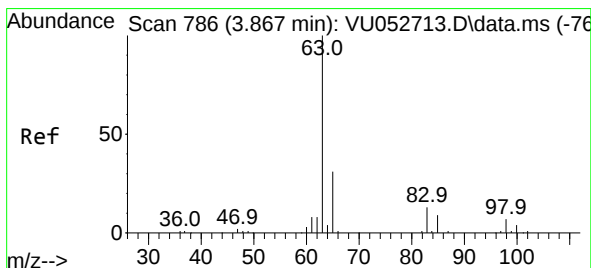
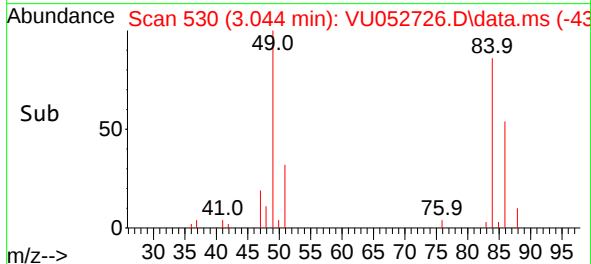
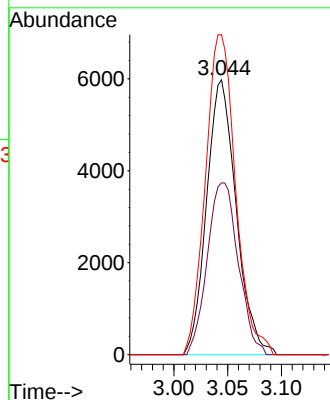


#16
Methylene chloride
Concen: 0.764 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052726.D
Acq: 17 Jan 2023 17:11

Instrument :
MSVOA_U
ClientSampleId :

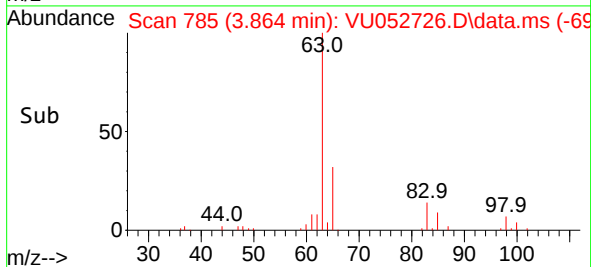
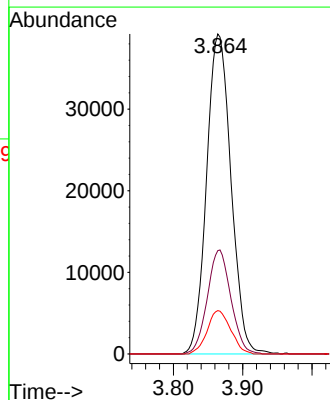
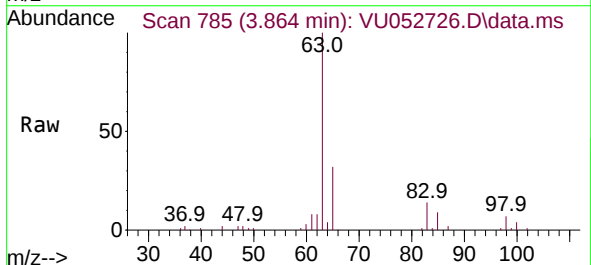


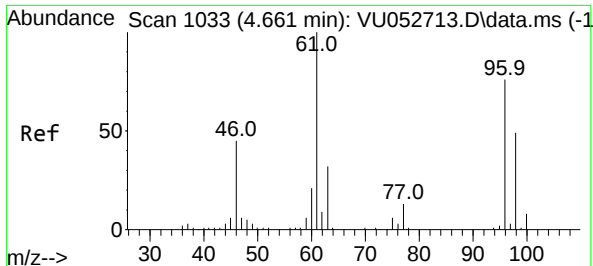
Tgt Ion: 84 Resp: 11440
Ion Ratio Lower Upper
84 100
86 62.5 45.6 84.6
49 116.4 94.8 176.0



#19
1,1-Dichloroethane
Concen: 4.023 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.003 min
Lab File: VU052726.D
Acq: 17 Jan 2023 17:11

Tgt Ion: 63 Resp: 95821
Ion Ratio Lower Upper
63 100
65 32.3 22.0 41.0
83 13.5 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 1.214 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU052726.D

Acq: 17 Jan 2023 17:11

Instrument :

MSVOA_U

ClientSampleId :

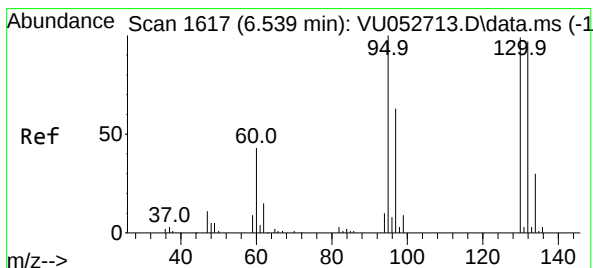
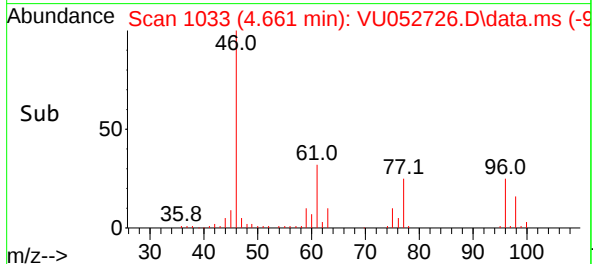
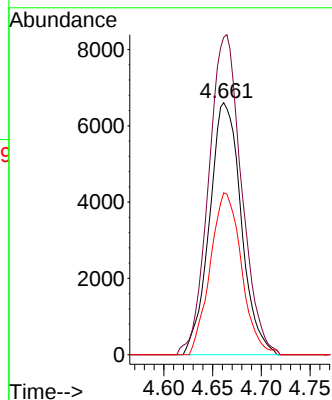
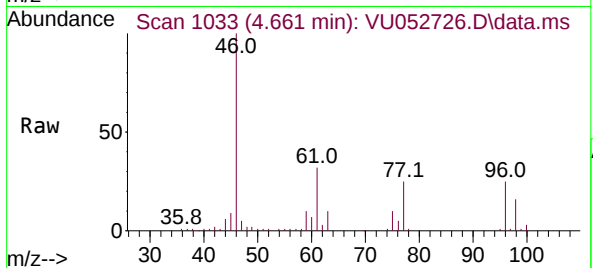
Tgt Ion: 96 Resp: 14952

Ion Ratio Lower Upper

96 100

61 126.0 94.6 175.8

98 64.3 43.3 80.3



#34

Trichloroethene

Concen: 6.122 ug/L

RT: 6.536 min Scan# 1616

Delta R.T. -0.003 min

Lab File: VU052726.D

Acq: 17 Jan 2023 17:11

Tgt Ion: 95 Resp: 72765

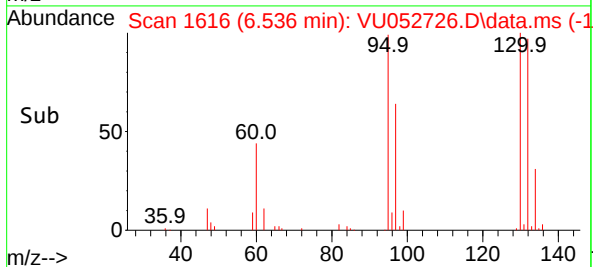
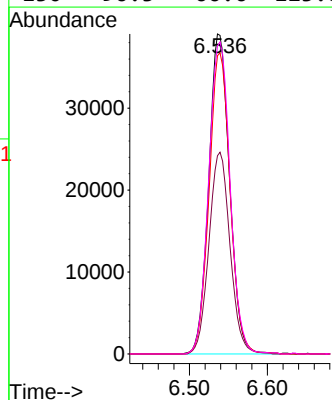
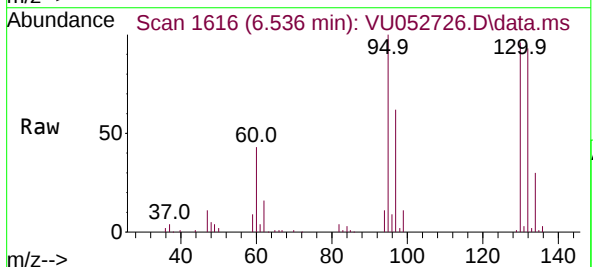
Ion Ratio Lower Upper

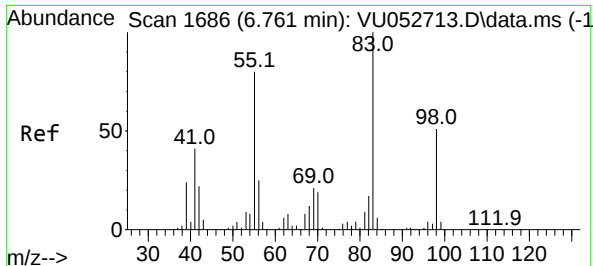
95 100

97 61.9 46.0 85.4

132 93.2 64.0 118.8

130 96.3 66.6 123.8





#35

Methylcyclohexane

Concen: 0.819 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.077 min

Lab File: VU052726.D

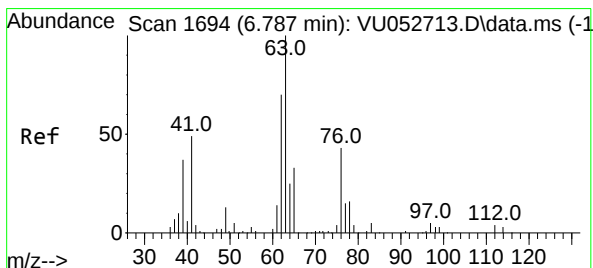
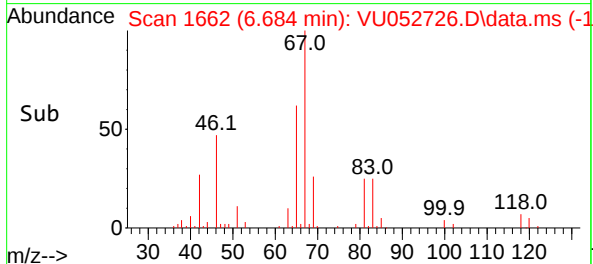
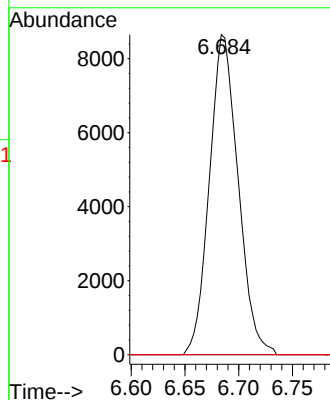
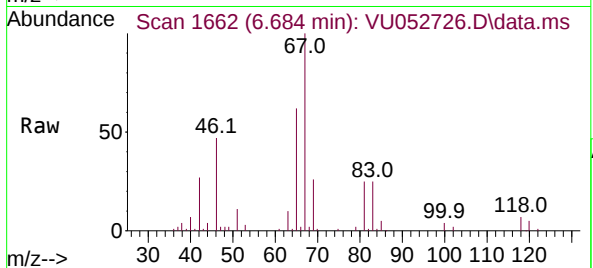
Acq: 17 Jan 2023 17:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 16071
Ion Ratio	Lower Upper
83	100
55	0.0 67.6 101.4#
98	0.0 37.1 55.7#



#37

1,2-Dichloropropane

Concen: 0.510 ug/L

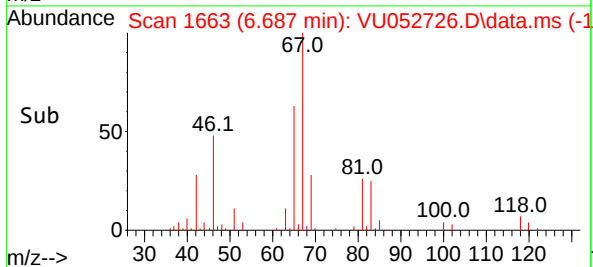
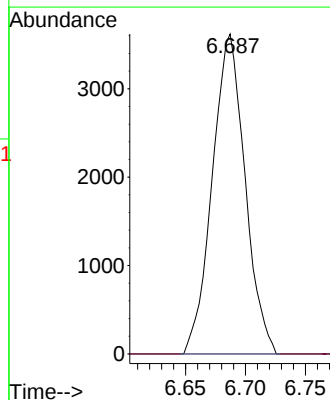
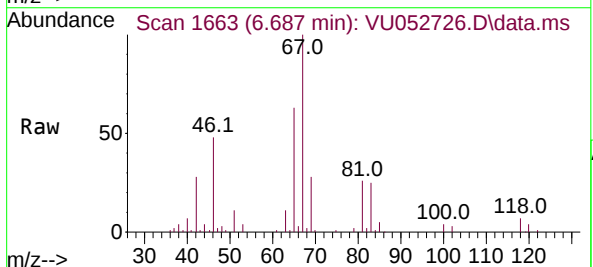
RT: 6.687 min Scan# 1663

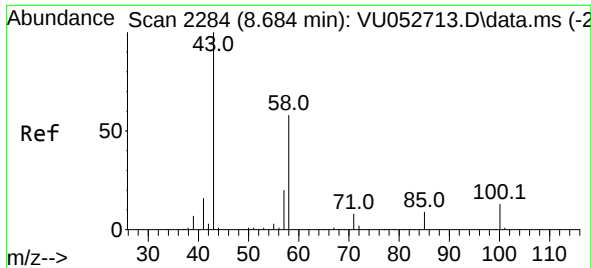
Delta R.T. -0.100 min

Lab File: VU052726.D

Acq: 17 Jan 2023 17:11

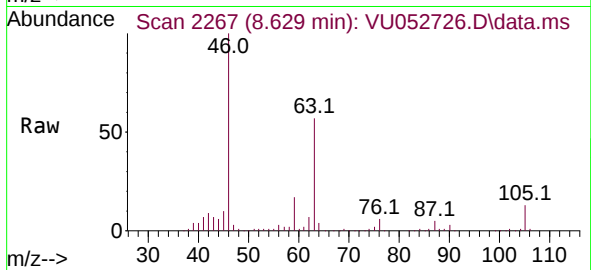
Tgt Ion: 63	Resp: 6872
Ion Ratio	Lower Upper
63	100
112	0.0 2.9 4.3#



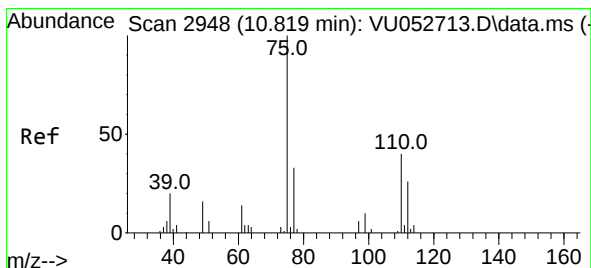
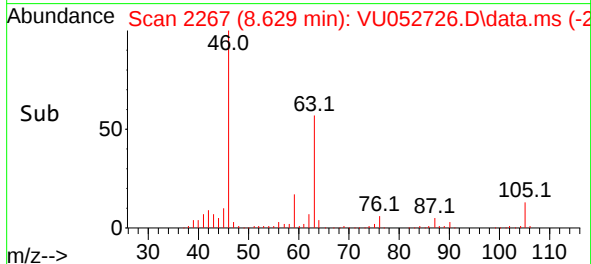
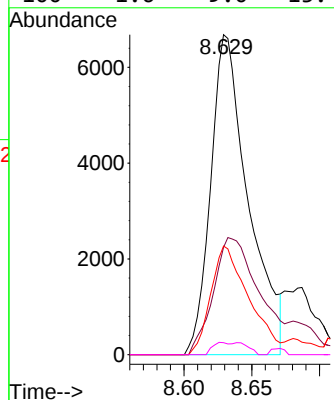


#48
2-Hexanone
Concen: 2.284 ug/L
RT: 8.629 min Scan# 21
Delta R.T. -0.055 min
Lab File: VU052726.D
Acq: 17 Jan 2023 17:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43	Resp: 12900
Ion Ratio	Lower Upper
43 100	
58 44.5	45.1 67.7#
57 34.3	15.1 22.7#
100 1.6	9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 1.024 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052726.D
Acq: 17 Jan 2023 17:11

Tgt Ion: 75	Resp: 6589
Ion Ratio	Lower Upper
75 100	
110 1.7	27.2 40.8#
77 28.3	24.0 36.0

