

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041823\
 Data File : VU053767.D
 Acq On : 18 Apr 2023 18:16
 Operator : JC/MD
 Sample : 02299-02DL2 800X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE5DL2

Quant Time: Apr 19 05:03:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 19 04:58:28 2023
 Response via : Initial Calibration

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

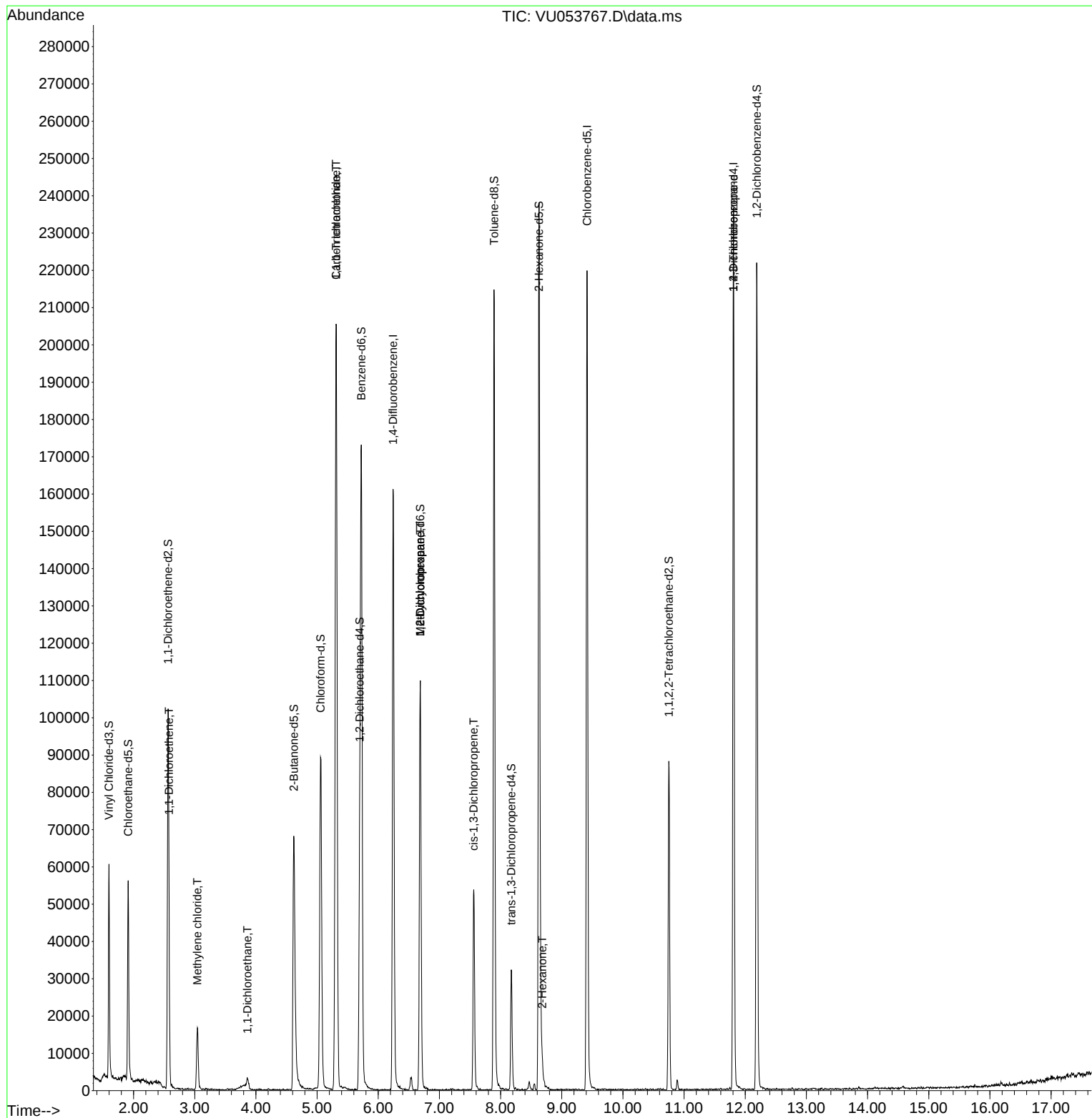
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	138053	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	130160	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65562	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	44392	4.674	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.912	69	41215	4.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.565	65	16777	4.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.620	46	100140	46.027	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.060%
24) Chloroform-d	5.057	84	85007	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.697	65	44165	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.722	84	170124	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.687	67	55819	4.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.893	98	152478	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.176	79	19970	4.630	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.629	63	85425	48.759	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.520%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	43200	4.617	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	60752	5.151	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
12) 1,1-Dichloroethene	2.578	96	8464	1.083	ug/L #	26
16) Methylene chloride	3.041	84	9083	0.885	ug/L	90
19) 1,1-Dichloroethane	3.861	63	3876	0.259	ug/L	95
29) 1,1,1-Trichloroethane	5.311	97	153180	11.921	ug/L	97
31) Carbon tetrachloride	5.311	117	20539	1.889	ug/L	95
35) Methylcyclohexane	6.687	83	13021	0.817	ug/L #	23
37) 1,2-Dichloropropane	6.687	63	5584	0.606	ug/L #	89
39) cis-1,3-Dichloropropene	7.558	75	1574	0.116	ug/L	87
48) 2-Hexanone	8.681	43	2463	0.739	ug/L #	82
61) 1,2,3-Trichloropropane	11.809	75	7672	1.412	ug/L #	66

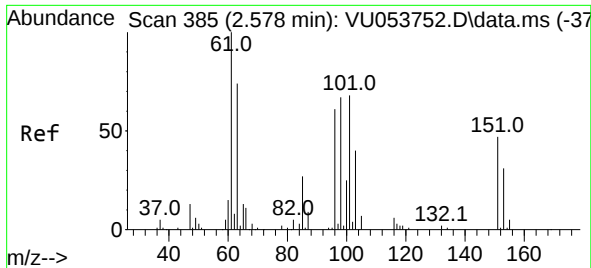
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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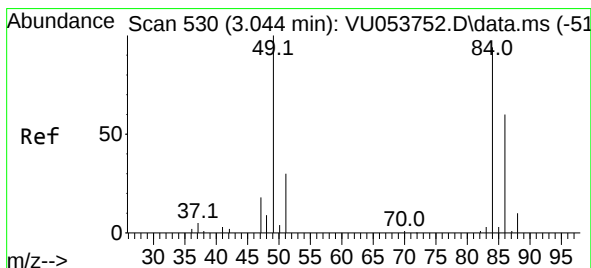
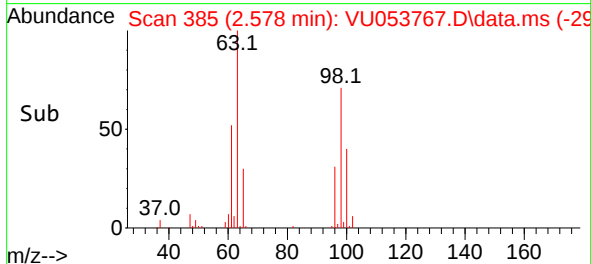
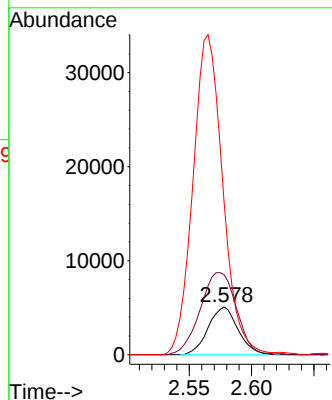
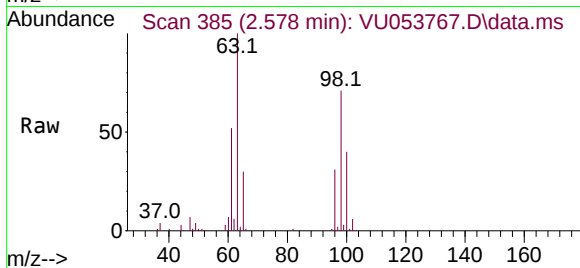




#12
1,1-Dichloroethene
Concen: 1.083 ug/L
RT: 2.578 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053767.D
Acq: 18 Apr 2023 18:16

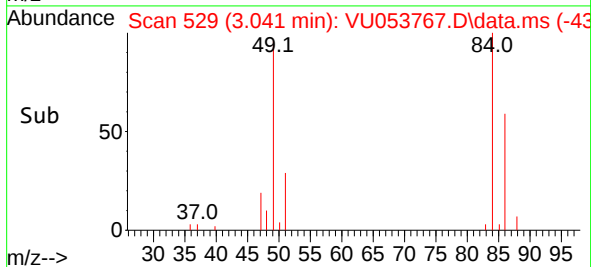
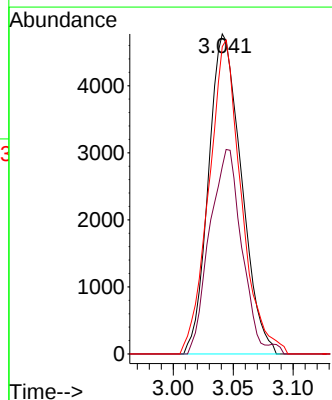
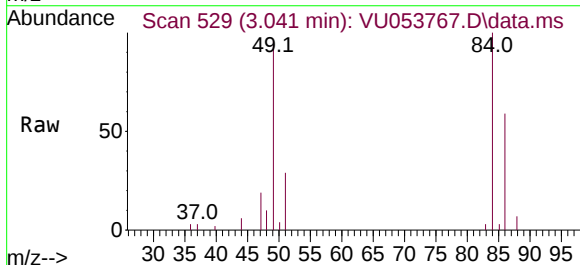
Instrument :
MSVOA_U
ClientSampleId :
C0AE5DL2

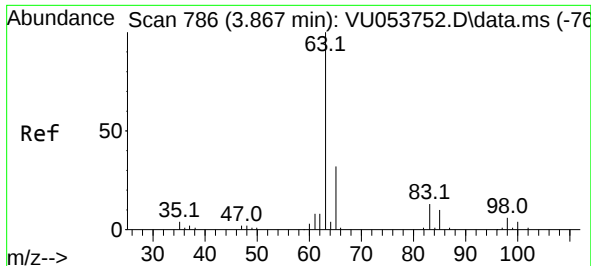
Tgt Ion: 96 Resp: 8464
Ion Ratio Lower Upper
96 100
61 167.9 116.8 216.8
63 322.4 88.6 164.6#



#16
Methylene chloride
Concen: 0.885 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU053767.D
Acq: 18 Apr 2023 18:16

Tgt Ion: 84 Resp: 9083
Ion Ratio Lower Upper
84 100
86 58.6 44.7 83.1
49 96.0 75.5 140.1





#19

1,1-Dichloroethane

Concen: 0.259 ug/L

RT: 3.861 min Scan# 784

Delta R.T. -0.007 min

Lab File: VU053767.D

Acq: 18 Apr 2023 18:16

Instrument :

MSVOA_U

ClientSampleId :

C0AE5DL2

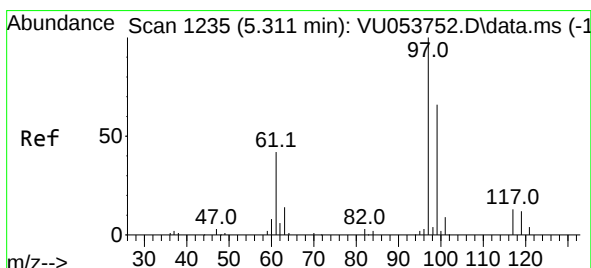
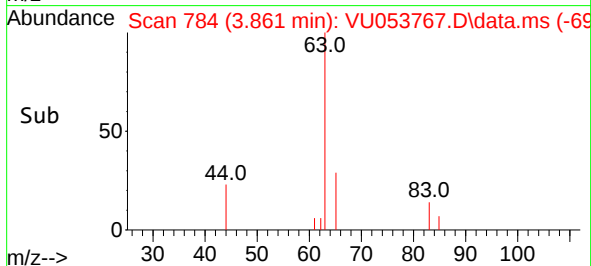
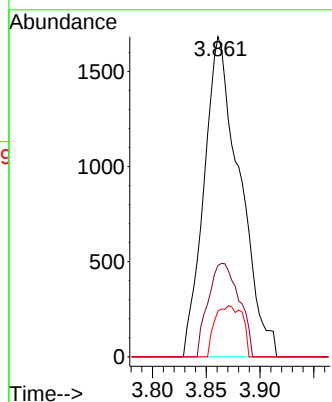
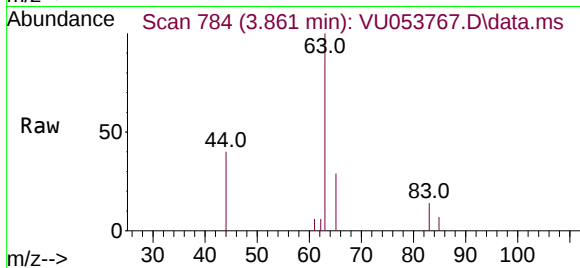
Tgt Ion: 63 Resp: 3876

Ion Ratio Lower Upper

63 100

65 28.5 21.7 40.3

83 14.3 8.1 15.1



#29

1,1,1-Trichloroethane

Concen: 11.921 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VU053767.D

Acq: 18 Apr 2023 18:16

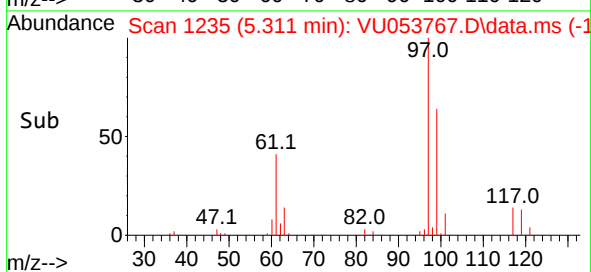
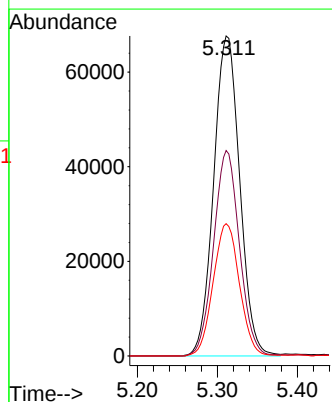
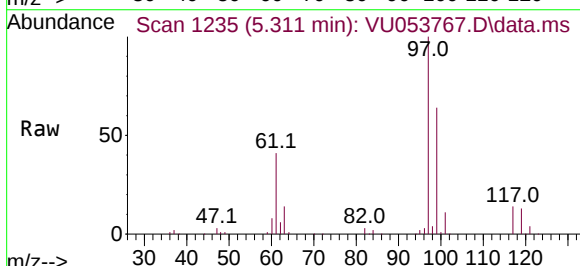
Tgt Ion: 97 Resp: 153180

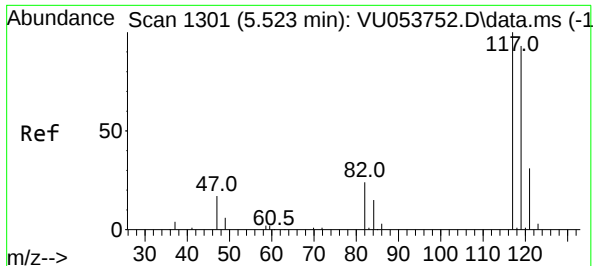
Ion Ratio Lower Upper

97 100

99 63.6 49.9 74.9

61 41.7 35.7 53.5

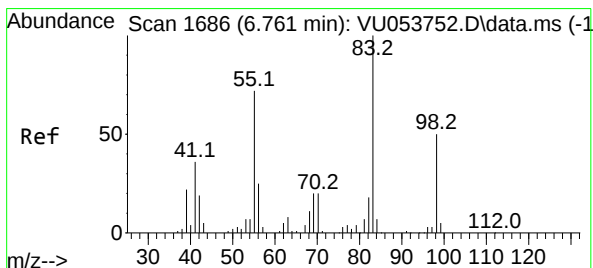
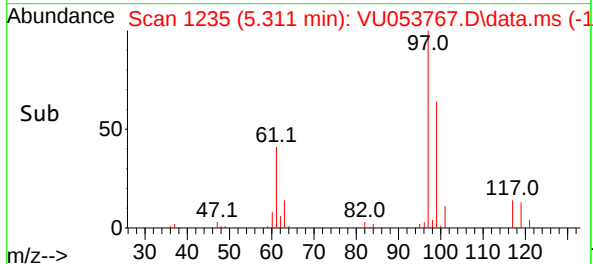
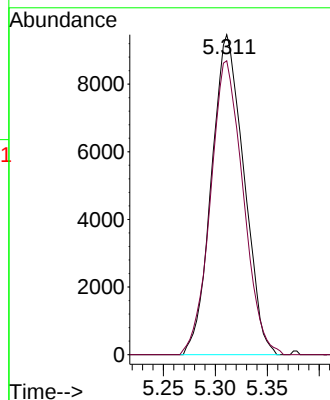
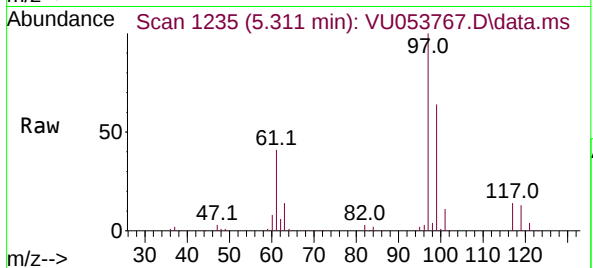




#31
Carbon tetrachloride
Concen: 1.889 ug/L
RT: 5.311 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU053767.D
Acq: 18 Apr 2023 18:16

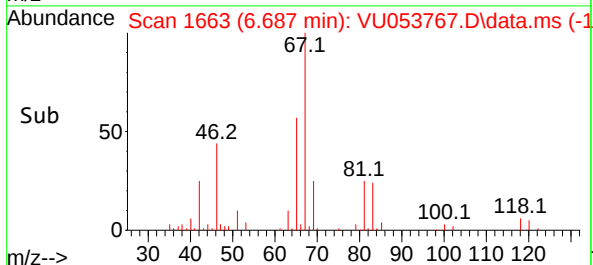
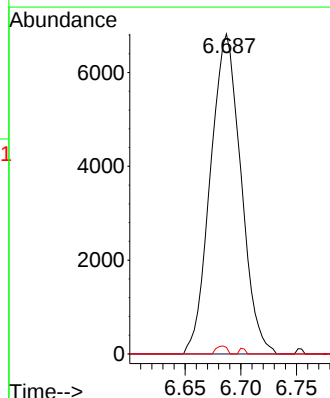
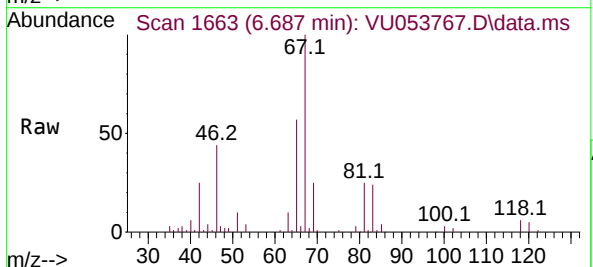
Instrument :
MSVOA_U
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C0AE5DL2

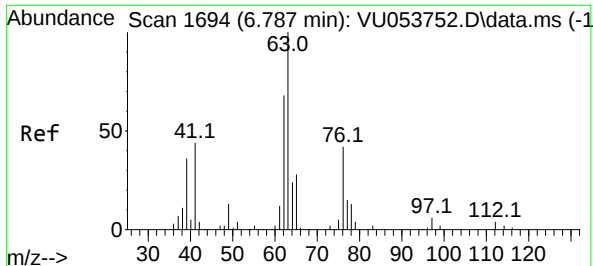
Tgt Ion: 117 Resp: 20539
Ion Ratio Lower Upper
117 100
119 92.5 77.7 116.5



#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053767.D
Acq: 18 Apr 2023 18:16

Tgt Ion: 83 Resp: 13021
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.9 34.9 52.3#





#37

1,2-Dichloropropane

Concen: 0.606 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053767.D

Acq: 18 Apr 2023 18:16

Instrument :

MSVOA_U

ClientSampleId :

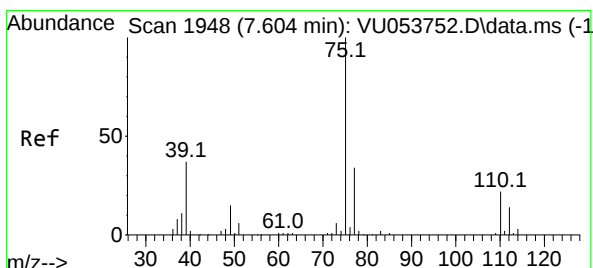
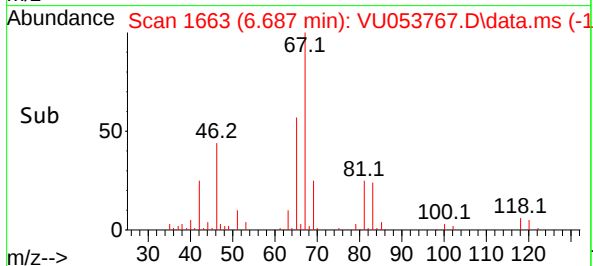
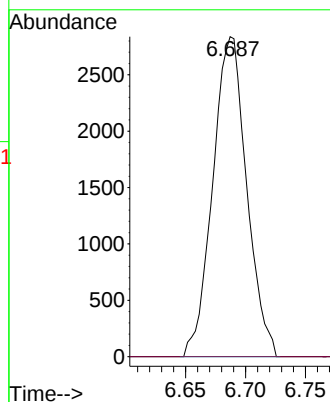
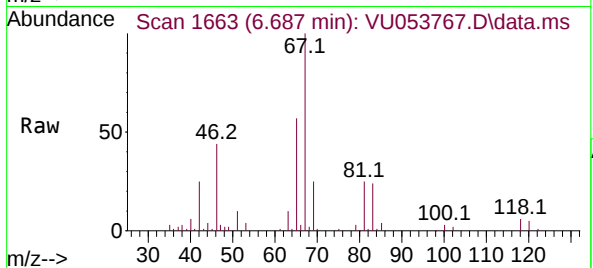
C0AE5DL2

Tgt Ion: 63 Resp: 5584

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 7.558 min Scan# 1934

Delta R.T. -0.045 min

Lab File: VU053767.D

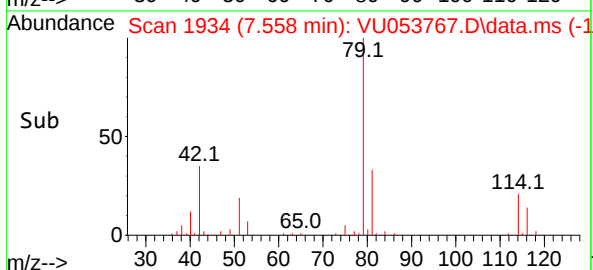
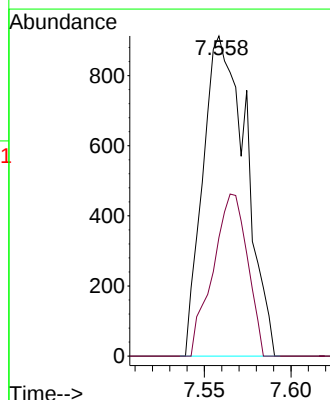
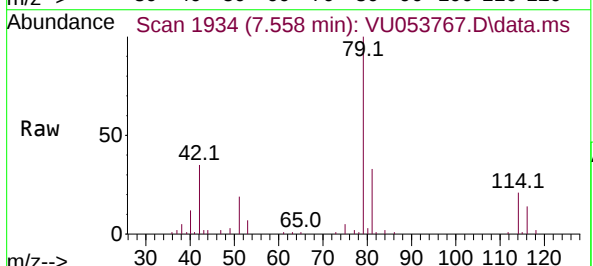
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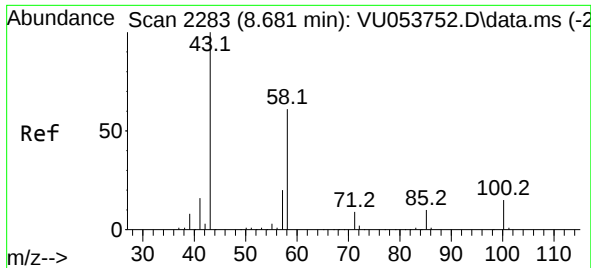
Tgt Ion: 75 Resp: 1574

Ion Ratio Lower Upper

75 100

77 37.0 21.1 39.3

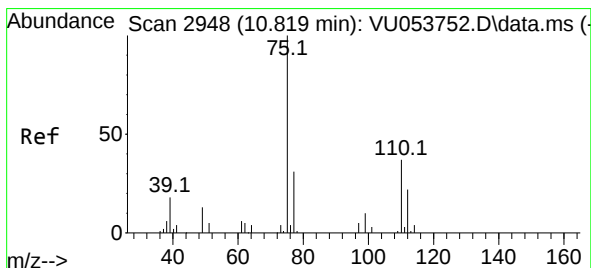
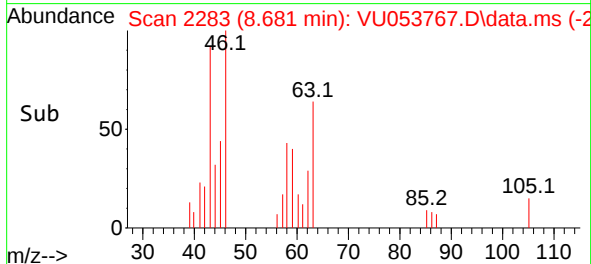
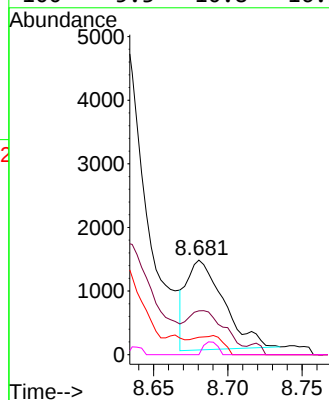
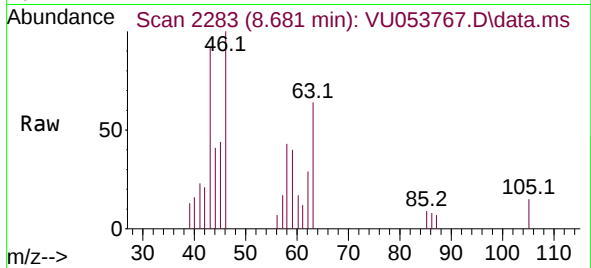




#48
2-Hexanone
Concen: 0.739 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053767.D
Acq: 18 Apr 2023 18:16

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 43	Resp:	2463
Ion	Ratio	Lower Upper
43	100	
58	51.0	52.8 79.2#
57	15.5	17.1 25.7#
100	5.3	10.8 16.2#



#61
1,2,3-Trichloropropane
Concen: 1.412 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU053767.D
Acq: 18 Apr 2023 18:16

Tgt Ion: 75	Resp:	7672
Ion	Ratio	Lower Upper
75	100	
110	0.9	30.6 46.0#
77	33.2	26.1 39.1

