

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053707.D
 Acq On : 14 Apr 2023 12:38
 Operator : JC/MD
 Sample : 02254-17DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB6DL

Quant Time: Apr 15 05:31:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 05:28:57 2023
 Response via : Initial Calibration

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

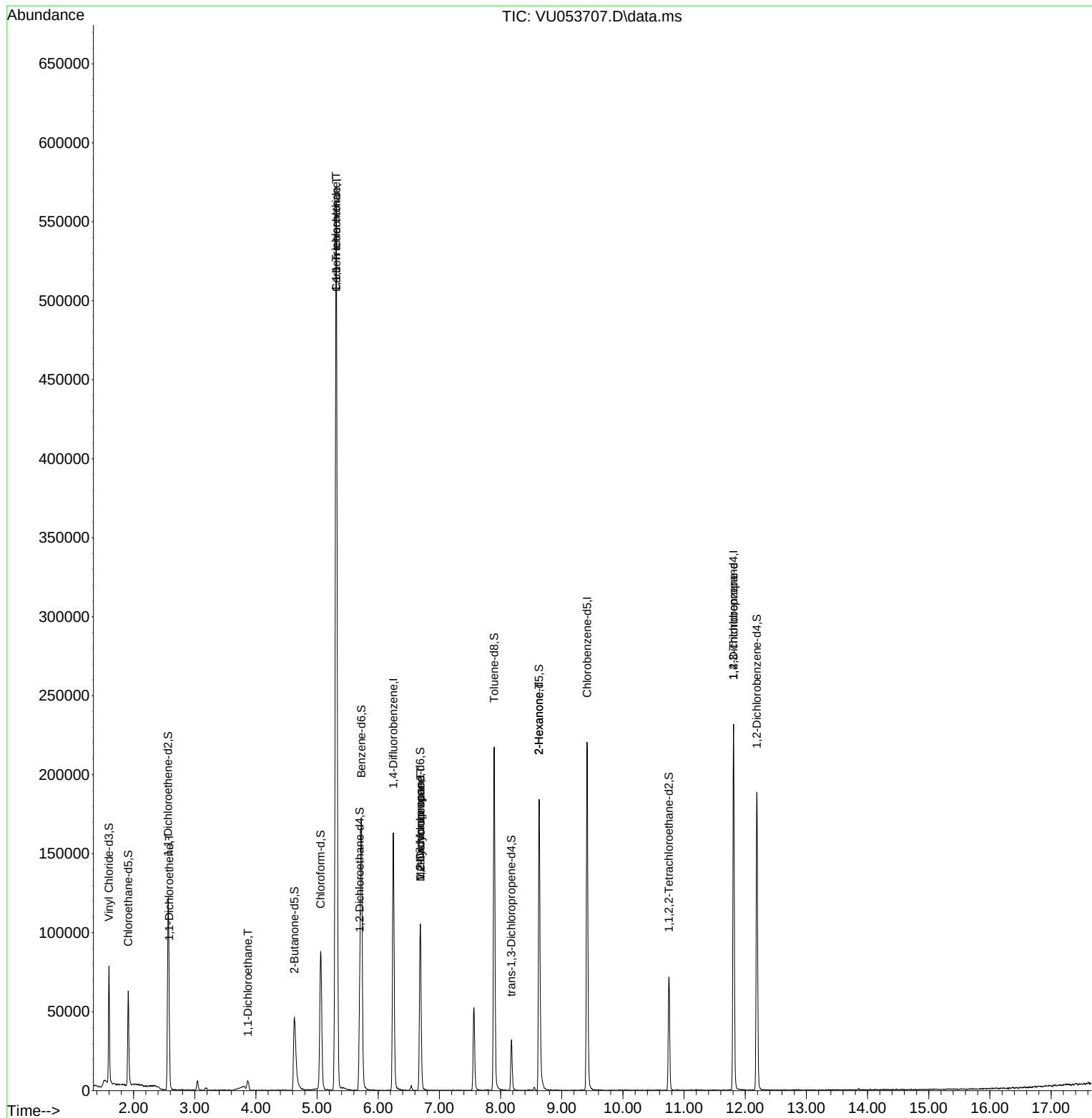
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	139046	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	129093	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	63427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54913	5.741	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	114.800%	
7) Chloroethane-d5	1.912	69	44189	5.090	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.800%	
11) 1,1-Dichloroethene-d2	2.565	65	19434	4.769	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.400%	
20) 2-Butanone-d5	4.629	46	78665	35.898	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	71.800%	
24) Chloroform-d	5.057	84	84506	4.765	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
26) 1,2-Dichloroethane-d4	5.697	65	40742	4.483	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
32) Benzene-d6	5.726	84	173220	4.735	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
36) 1,2-Dichloropropane-d6	6.687	67	52040	4.668	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.400%	
41) Toluene-d8	7.896	98	155872	4.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	8.176	79	18265	4.270	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.629	63	67667	38.942	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.880%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36003	3.880	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	77.600%	
66) 1,2-Dichlorobenzene-d4	12.188	152	52275	4.581	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	11039	1.402	ug/L #	55
19) 1,1-Dichloroethane	3.867	63	7318	0.486	ug/L #	86
29) 1,1,1-Trichloroethane	5.311	97	410141	32.181	ug/L	97
31) Carbon tetrachloride	5.314	117	54906	5.091	ug/L	97
35) Methylcyclohexane	6.690	83	12152	0.769	ug/L #	22
37) 1,2-Dichloropropane	6.690	63	5645	0.618	ug/L #	89
48) 2-Hexanone	8.629	43	7126	2.156	ug/L #	66
61) 1,2,3-Trichloropropane	11.809	75	7616	1.449	ug/L #	68

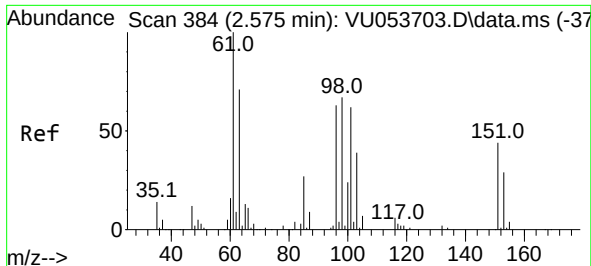
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.402 ug/L

RT: 2.581 min Scan# 384

Delta R.T. 0.006 min

Lab File: VU053707.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_U

ClientSampleId :

C0AB6DL

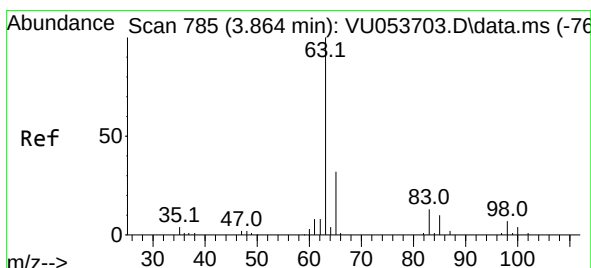
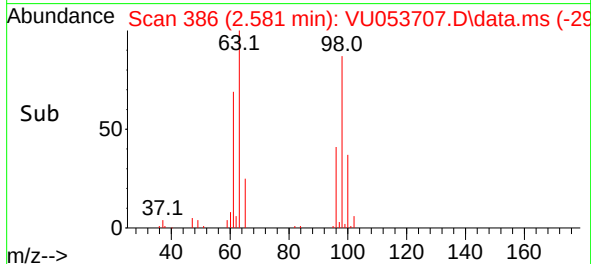
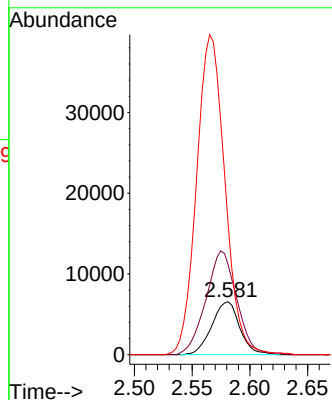
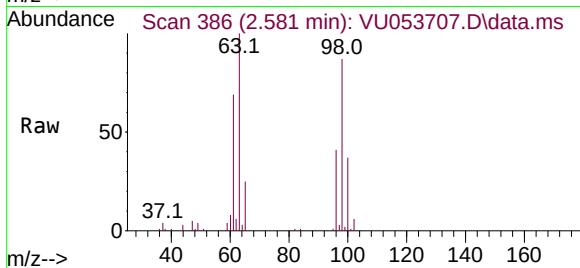
Tgt Ion: 96 Resp: 11039

Ion Ratio Lower Upper

96 100

61 169.2 116.8 216.8

63 244.6 88.6 164.6#



#19

1,1-Dichloroethane

Concen: 0.486 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU053707.D

Acq: 14 Apr 2023 12:38

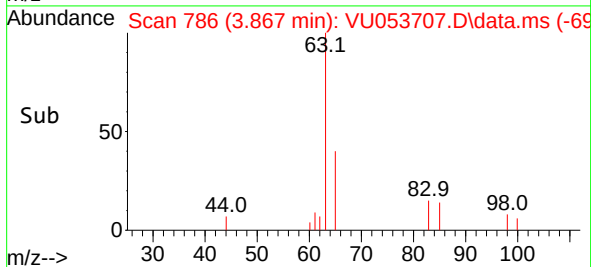
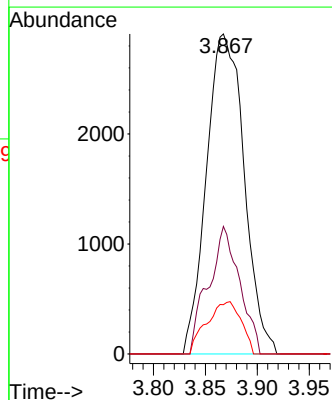
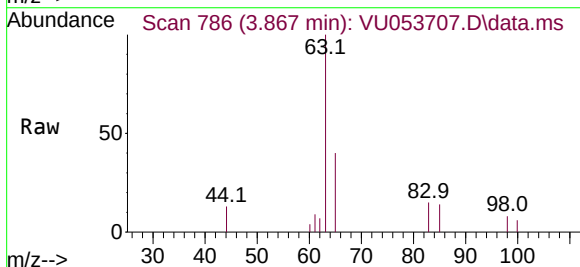
Tgt Ion: 63 Resp: 7318

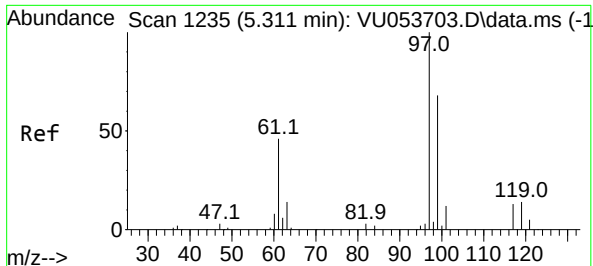
Ion Ratio Lower Upper

63 100

65 39.8 21.7 40.3

83 15.4 8.1 15.1#





#29

1,1,1-Trichloroethane

Concen: 32.181 ug/L

RT: 5.311 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053707.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_U

ClientSampleId :

C0AB6DL

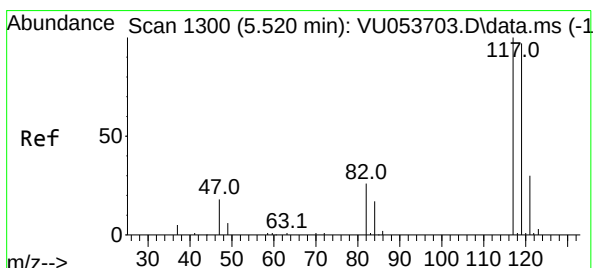
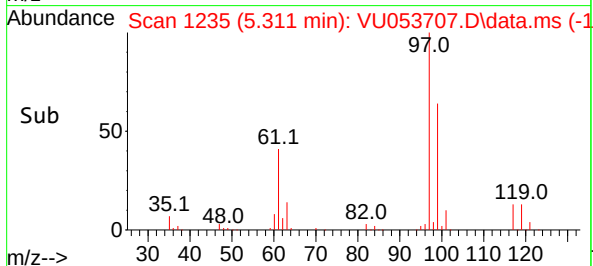
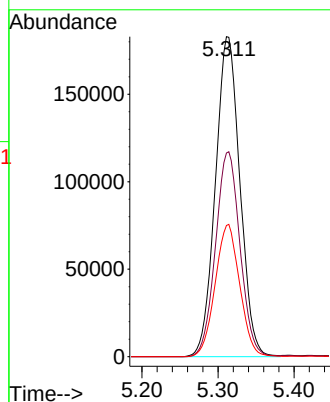
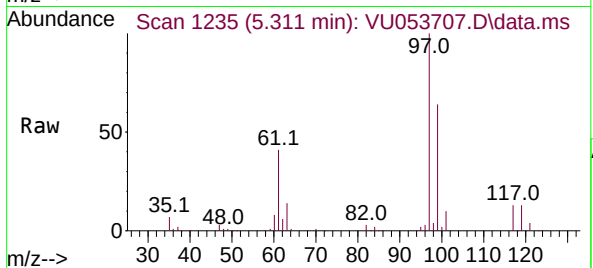
Tgt Ion: 97 Resp: 410141

Ion Ratio Lower Upper

97 100

99 64.0 49.9 74.9

61 41.4 35.7 53.5



#31

Carbon tetrachloride

Concen: 5.091 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.206 min

Lab File: VU053707.D

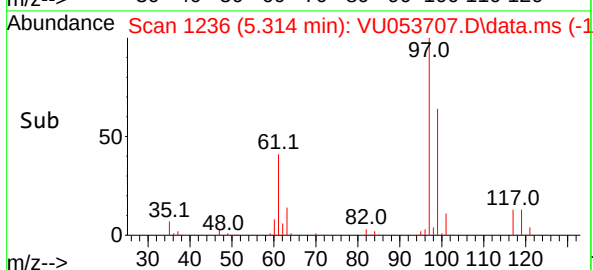
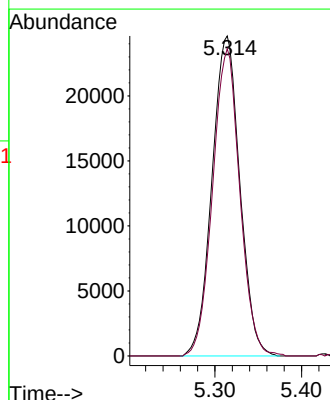
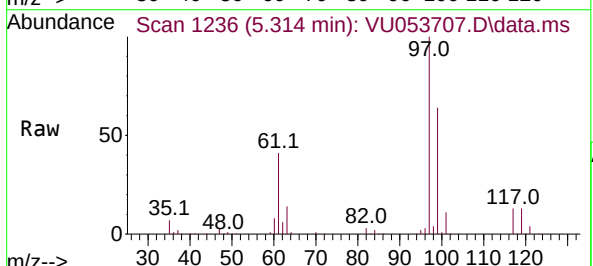
Acq: 14 Apr 2023 12:38

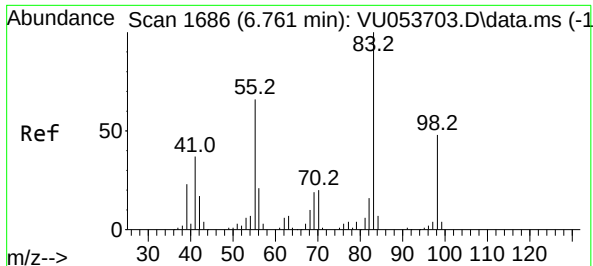
Tgt Ion:117 Resp: 54906

Ion Ratio Lower Upper

117 100

119 93.9 77.7 116.5





#35

Methylcyclohexane

Concen: 0.769 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU053707.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_U

ClientSampleId :

C0AB6DL

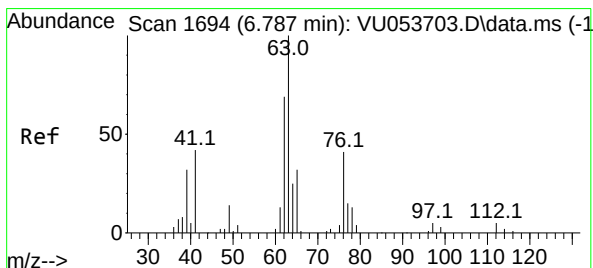
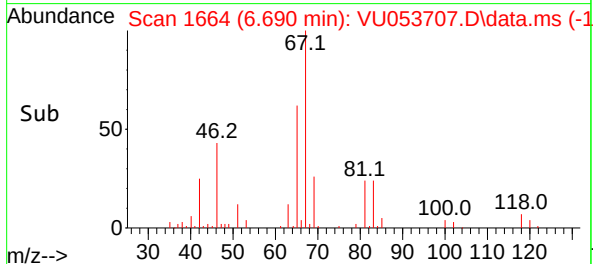
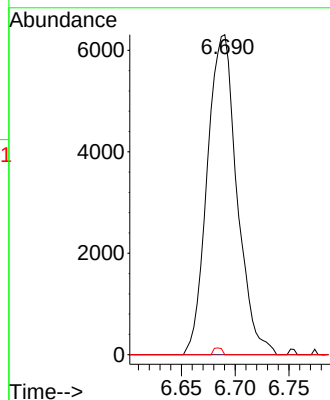
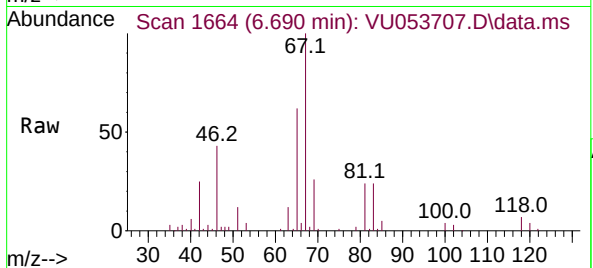
Tgt Ion: 83 Resp: 12152

Ion Ratio Lower Upper

83 100

55 0.0 54.9 82.3#

98 0.6 34.9 52.3#



#37

1,2-Dichloropropane

Concen: 0.618 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.097 min

Lab File: VU053707.D

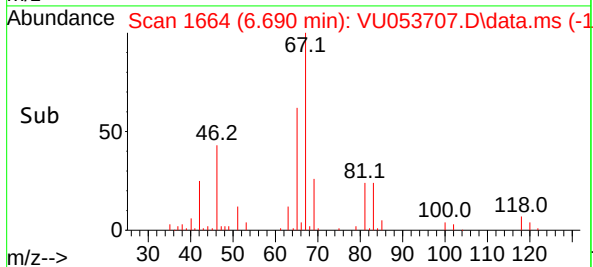
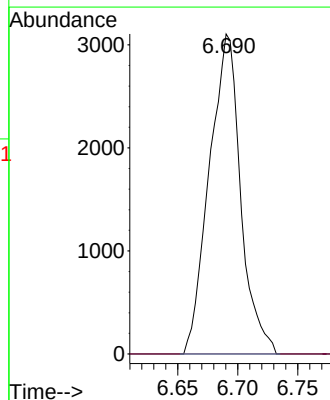
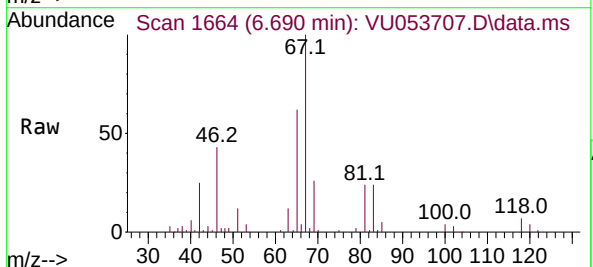
Acq: 14 Apr 2023 12:38

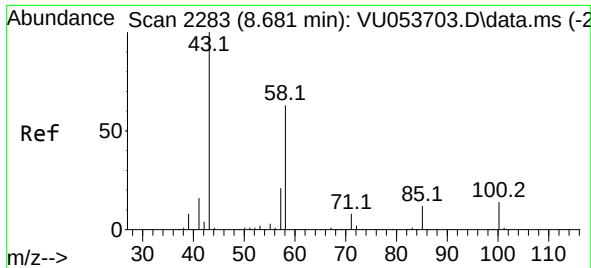
Tgt Ion: 63 Resp: 5645

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#

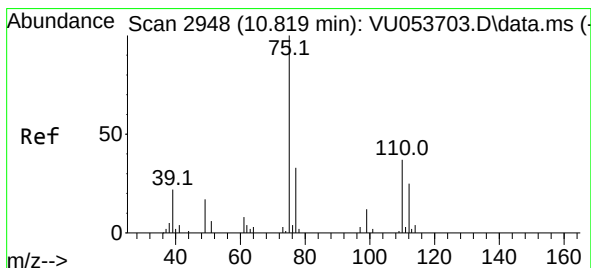
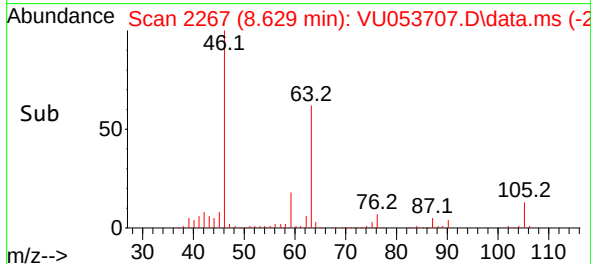
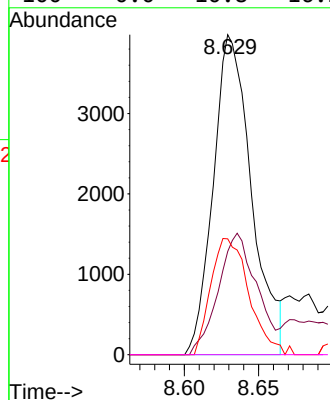
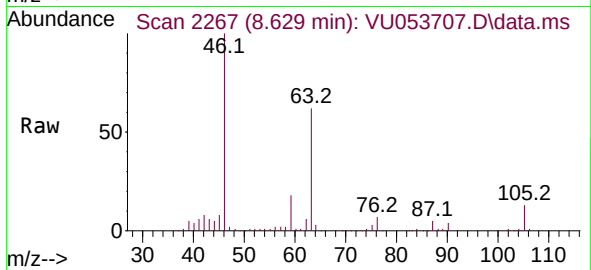




#48
2-Hexanone
Concen: 2.156 ug/L
RT: 8.629 min Scan# 21
Delta R.T. -0.052 min
Lab File: VU053707.D
Acq: 14 Apr 2023 12:38

Instrument :
MSVOA_U
ClientSampleId :
C0AB6DL

Tgt Ion:	43	Resp:	7126
Ion	Ratio	Lower	Upper
43	100		
58	38.0	52.8	79.2#
57	36.3	17.1	25.7#
100	0.0	10.8	16.2#



#61
1,2,3-Trichloropropane
Concen: 1.449 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU053707.D
Acq: 14 Apr 2023 12:38

Tgt Ion:	75	Resp:	7616
Ion	Ratio	Lower	Upper
75	100		
110	3.2	30.6	46.0#
77	31.4	26.1	39.1

