

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053715.D
 Acq On : 14 Apr 2023 15:51
 Operator : JC/MD
 Sample : 02254-13DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB5DL

Quant Time: Apr 15 05:32:44 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)

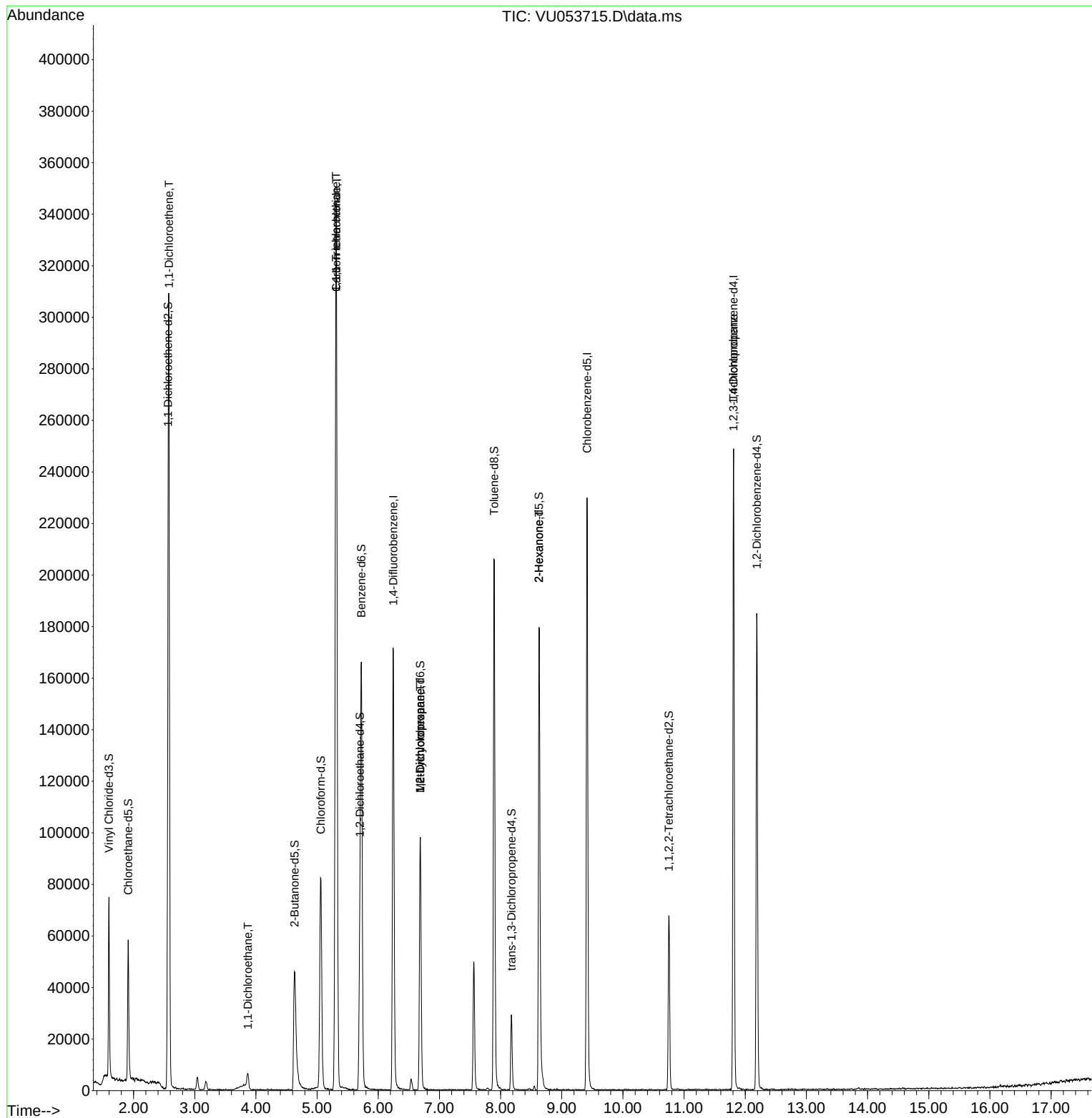
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	146344	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	134625	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	67742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52260	5.191	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	103.800%	
7) Chloroethane-d5	1.912	69	41187	4.508	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.200%	
11) 1,1-Dichloroethene-d2	2.565	65	17851	4.162	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.200%	
20) 2-Butanone-d5	4.633	46	76740	33.273	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	66.540%	
24) Chloroform-d	5.060	84	78447	4.203	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
26) 1,2-Dichloroethane-d4	5.700	65	37965	3.969	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
32) Benzene-d6	5.722	84	162054	4.248	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6	6.687	67	48607	4.181	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.600%	
41) Toluene-d8	7.896	98	147343	4.094	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
43) trans-1,3-Dichloroprop...	8.179	79	17653	3.957	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.629	63	64821	35.771	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	71.540%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	34400	3.555	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	71.000%	
66) 1,2-Dichlorobenzene-d4	12.188	152	50400	4.135	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	88101	10.633	ug/L #	75
19) 1,1-Dichloroethane	3.870	63	7280	0.459	ug/L #	88
29) 1,1,1-Trichloroethane	5.311	97	253997	19.111	ug/L	97
31) Carbon tetrachloride	5.314	117	32977	2.932	ug/L	99
35) Methylcyclohexane	6.687	83	11662	0.708	ug/L #	24
37) 1,2-Dichloropropane	6.687	63	5106	0.536	ug/L #	89
48) 2-Hexanone	8.629	43	7873	2.284	ug/L #	63
61) 1,2,3-Trichloropropane	11.806	75	8364	1.490	ug/L #	64

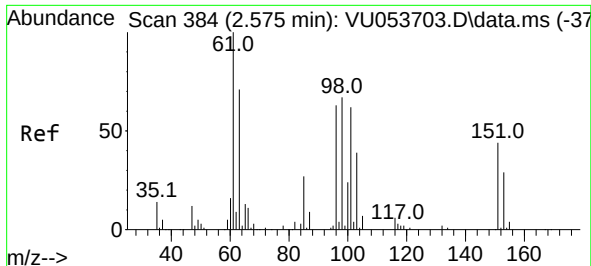
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 10.633 ug/L

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

Lab File: VU053715.D

Acq: 14 Apr 2023 15:51

Instrument :

MSVOA_U

ClientSampleId :

C0AB5DL

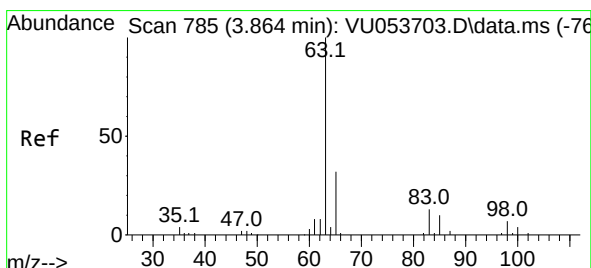
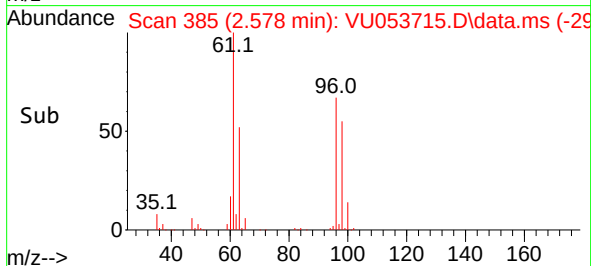
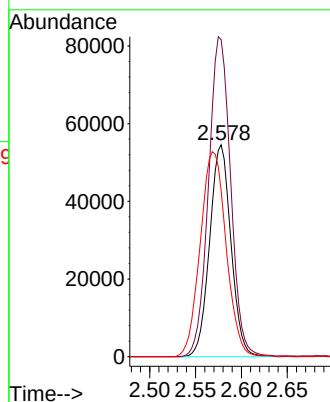
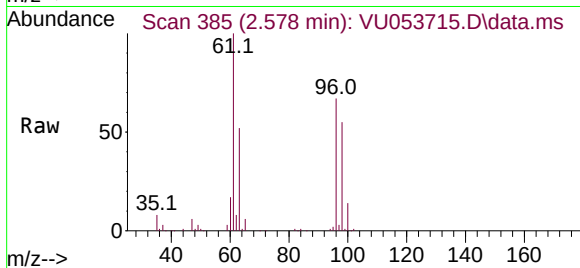
Tgt Ion: 96 Resp: 88101

Ion Ratio Lower Upper

96 100

61 149.6 116.8 216.8

63 78.4 88.6 164.6#



#19

1,1-Dichloroethane

Concen: 0.459 ug/L

RT: 3.870 min Scan# 787

Delta R.T. 0.006 min

Lab File: VU053715.D

Acq: 14 Apr 2023 15:51

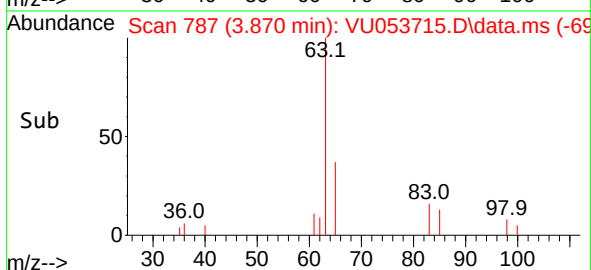
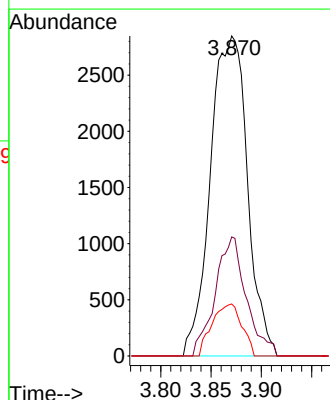
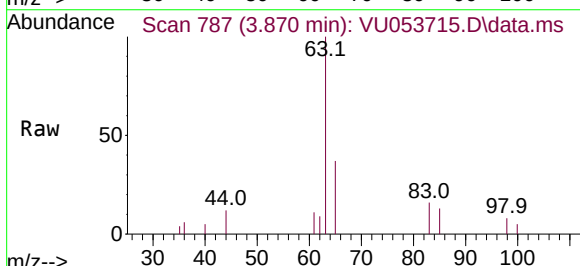
Tgt Ion: 63 Resp: 7280

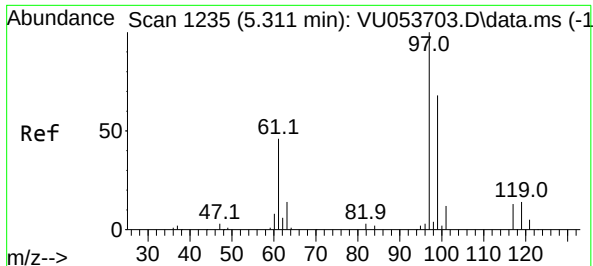
Ion Ratio Lower Upper

63 100

65 37.2 21.7 40.3

83 16.3 8.1 15.1#

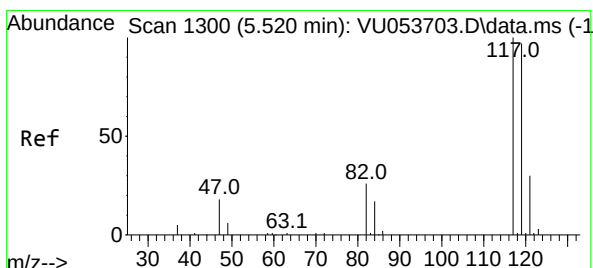
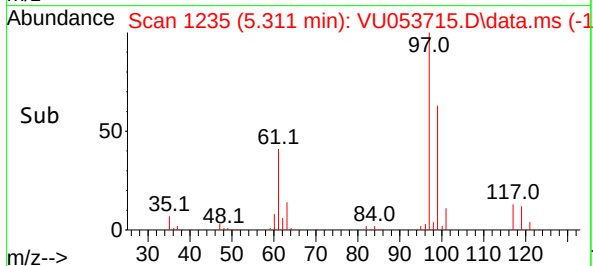
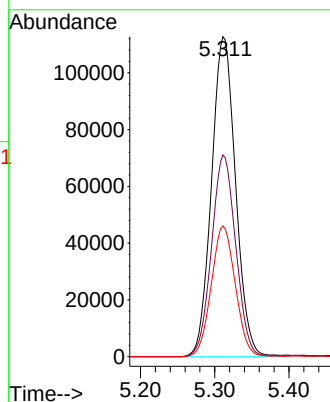
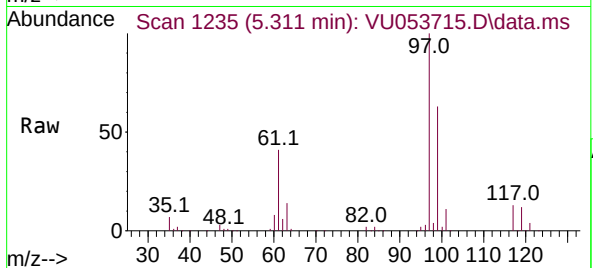




#29
1,1,1-Trichloroethane
Concen: 19.111 ug/L
RT: 5.311 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU053715.D
Acq: 14 Apr 2023 15:51

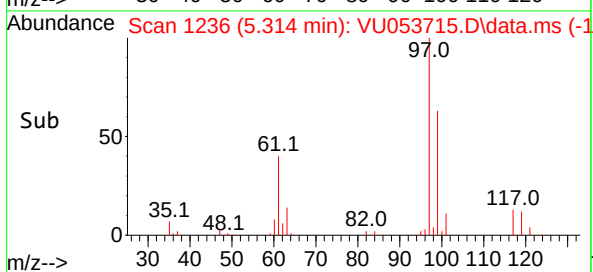
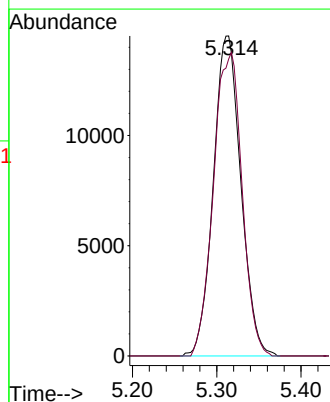
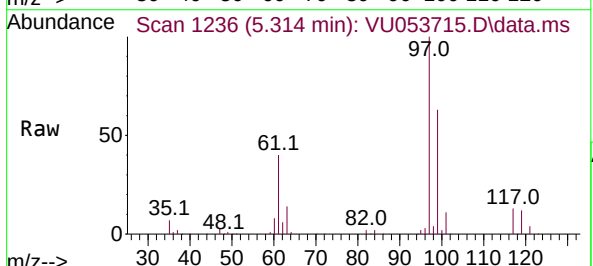
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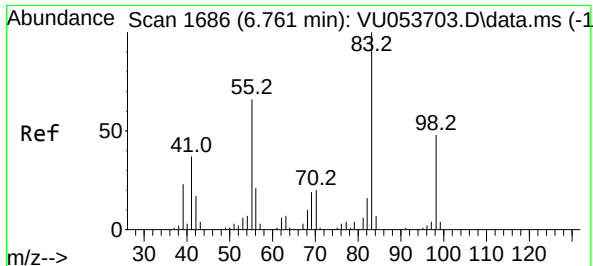
Tgt Ion: 97 Resp: 253997
Ion Ratio Lower Upper
97 100
99 63.6 49.9 74.9
61 40.7 35.7 53.5



#31
Carbon tetrachloride
Concen: 2.932 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.206 min
Lab File: VU053715.D
Acq: 14 Apr 2023 15:51

Tgt Ion: 117 Resp: 32977
Ion Ratio Lower Upper
117 100
119 98.3 77.7 116.5

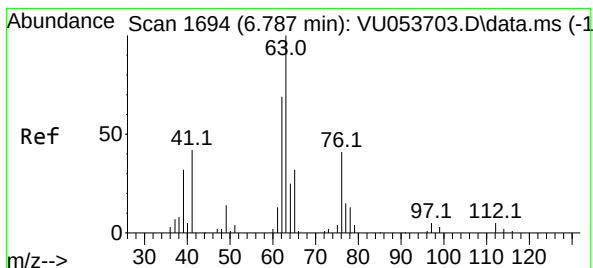
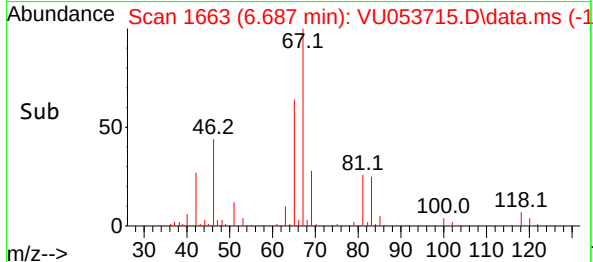
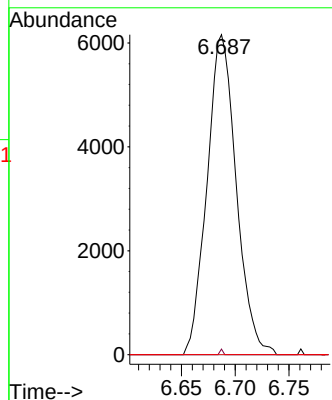
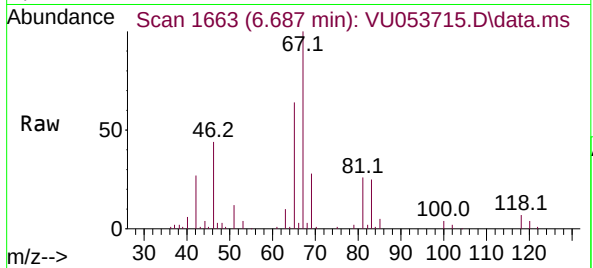




#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU053715.D
Acq: 14 Apr 2023 15:51

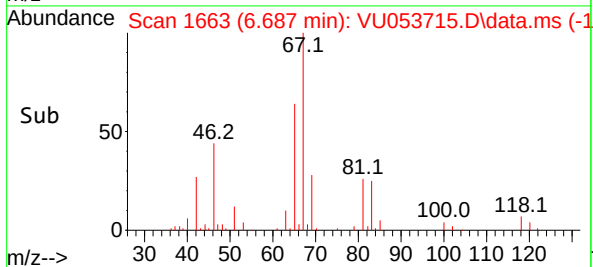
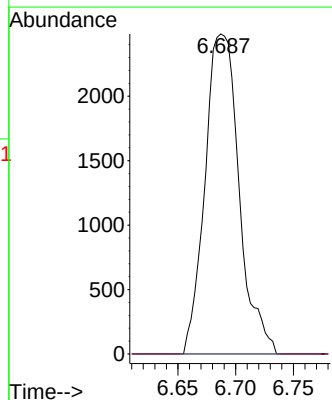
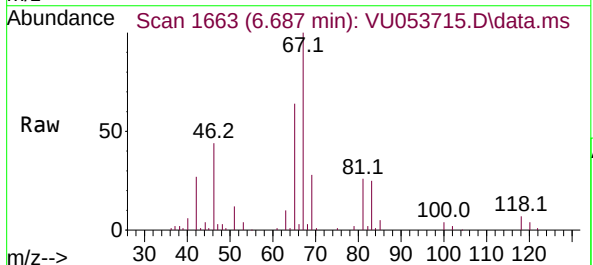
Instrument :
MSVOA_U
ClientSampleId :
C0AB5DL

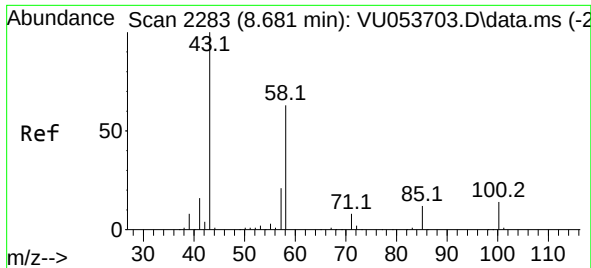
Tgt Ion: 83 Resp: 11662
Ion Ratio Lower Upper
83 100
55 0.2 54.9 82.3#
98 2.3 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053715.D
Acq: 14 Apr 2023 15:51

Tgt Ion: 63 Resp: 5106
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

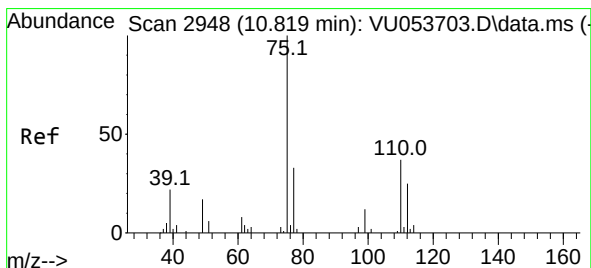
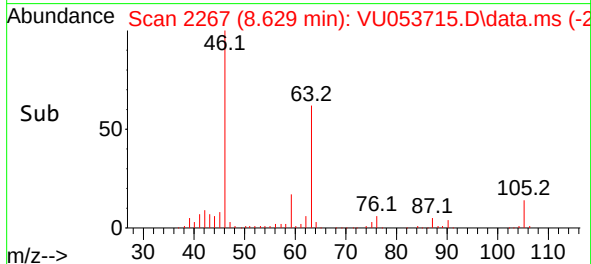
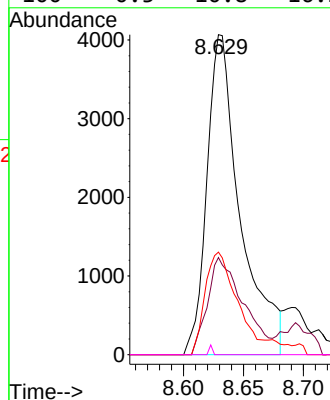
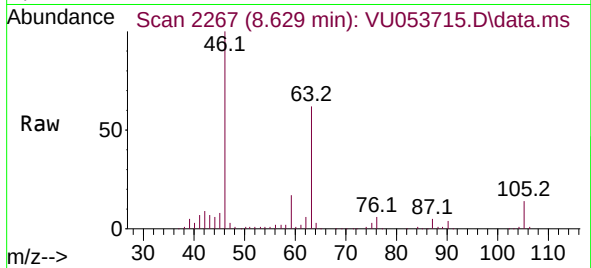




#48
2-Hexanone
Concen: 2.284 ug/L
RT: 8.629 min Scan# 21
Delta R.T. -0.052 min
Lab File: VU053715.D
Acq: 14 Apr 2023 15:51

Instrument :
MSVOA_U
ClientSampleId :
C0AB5DL

Tgt Ion:	43	Resp:	7873
Ion	Ratio	Lower	Upper
43	100		
58	32.8	52.8	79.2#
57	33.6	17.1	25.7#
100	0.3	10.8	16.2#



#61
1,2,3-Trichloropropane
Concen: 1.490 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053715.D
Acq: 14 Apr 2023 15:51

Tgt Ion:	75	Resp:	8364
Ion	Ratio	Lower	Upper
75	100		
110	1.4	30.6	46.0#
77	28.9	26.1	39.1

