

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053713.D
 Acq On : 14 Apr 2023 15:02
 Operator : JC/MD
 Sample : 02254-20DL2 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD3DL2

Quant Time: Apr 15 05:32:19 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)

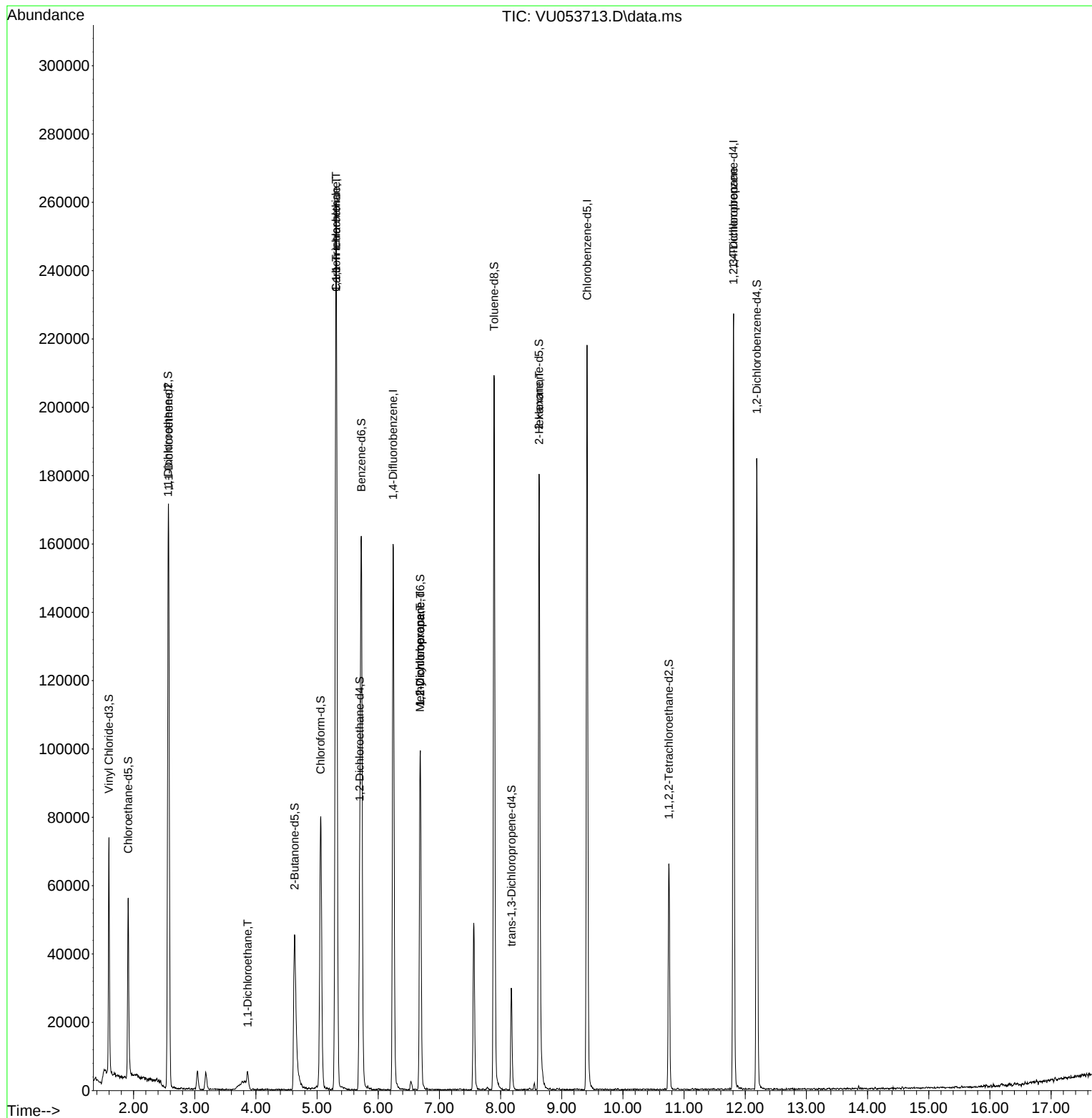
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	137560	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	125646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62622	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50435	5.330	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.600%
7) Chloroethane-d5	1.912	69	40644	4.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.565	65	18771	4.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.633	46	76184	35.142	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.280%
24) Chloroform-d	5.057	84	77096	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.697	65	37053	4.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
32) Benzene-d6	5.723	84	162572	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.687	67	49840	4.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.893	98	147815	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.179	79	17901	4.299	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.629	63	65066	38.473	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.940%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33772	3.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	50049	4.442	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	36415	4.676	ug/L	93
19) 1,1-Dichloroethane	3.864	63	6067	0.407	ug/L #	93
29) 1,1,1-Trichloroethane	5.311	97	187693	15.131	ug/L	96
31) Carbon tetrachloride	5.311	117	25055	2.387	ug/L	99
35) Methylcyclohexane	6.684	83	11854	0.771	ug/L #	23
37) 1,2-Dichloropropane	6.687	63	5329	0.599	ug/L #	89
48) 2-Hexanone	8.632	43	7080	2.201	ug/L #	66
61) 1,2,3-Trichloropropane	11.806	75	7232	1.394	ug/L #	65

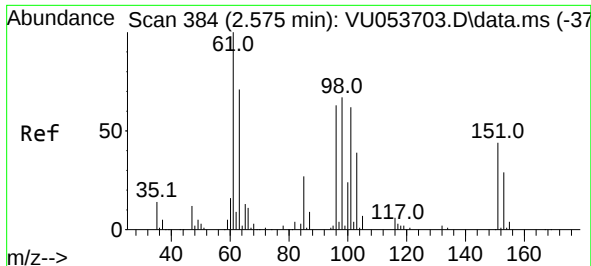
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.676 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU053713.D

Acq: 14 Apr 2023 15:02

Instrument :

MSVOA_U

ClientSampleId :

C0AD3DL2

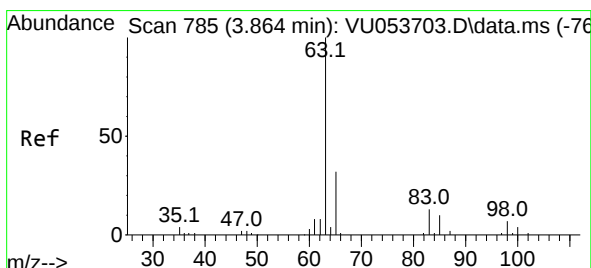
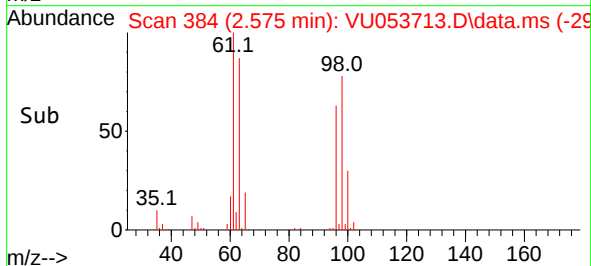
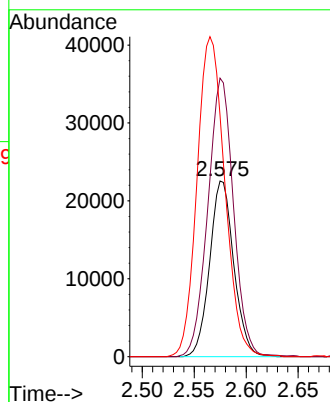
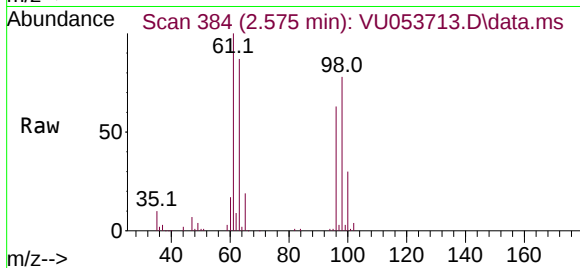
Tgt Ion: 96 Resp: 36415

Ion Ratio Lower Upper

96 100

61 158.5 116.8 216.8

63 137.3 88.6 164.6



#19

1,1-Dichloroethane

Concen: 0.407 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.000 min

Lab File: VU053713.D

Acq: 14 Apr 2023 15:02

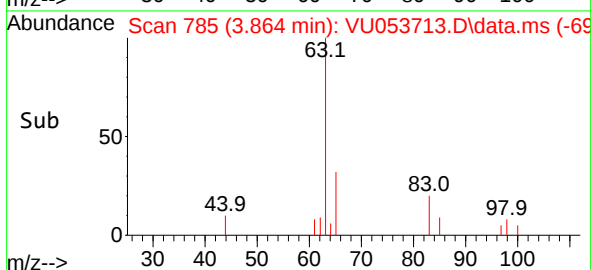
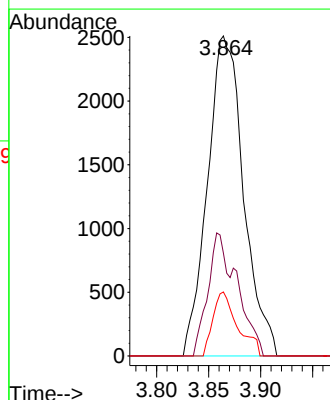
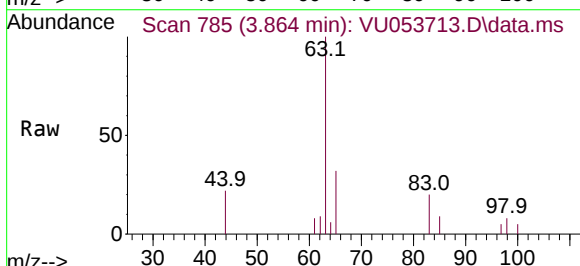
Tgt Ion: 63 Resp: 6067

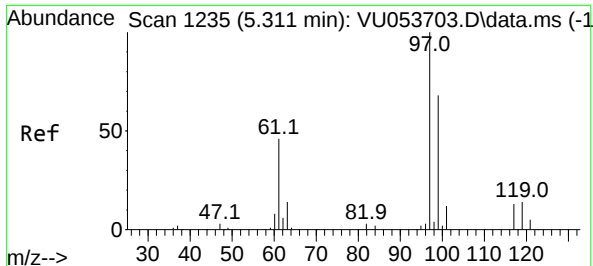
Ion Ratio Lower Upper

63 100

65 32.1 21.7 40.3

83 20.0 8.1 15.1#

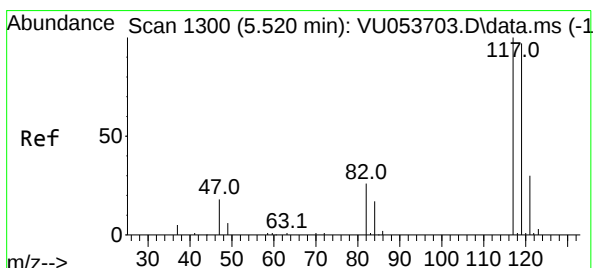
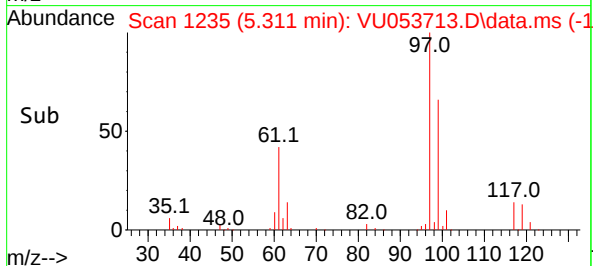
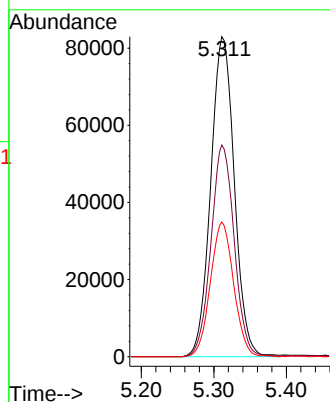
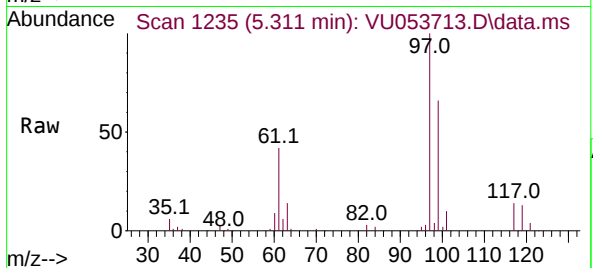




#29
1,1,1-Trichloroethane
Concen: 15.131 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VU053713.D
Acq: 14 Apr 2023 15:02

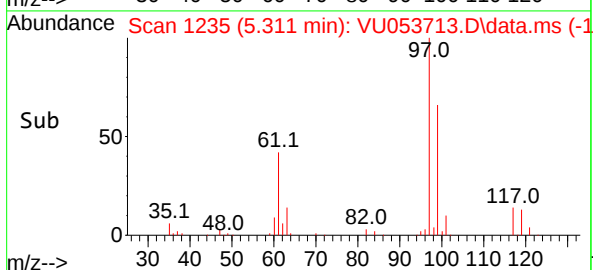
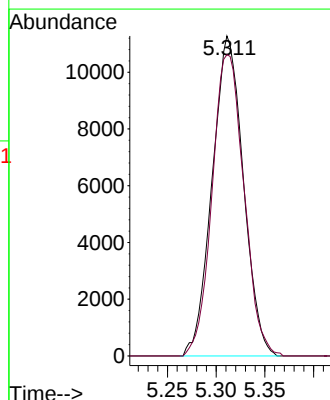
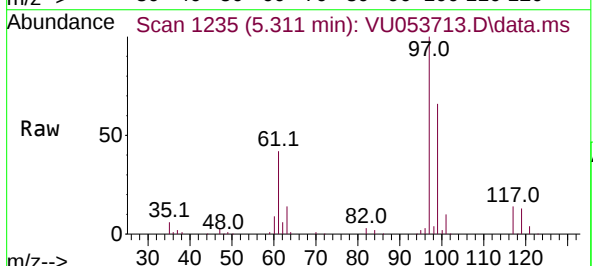
Instrument :
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C0AD3DL2

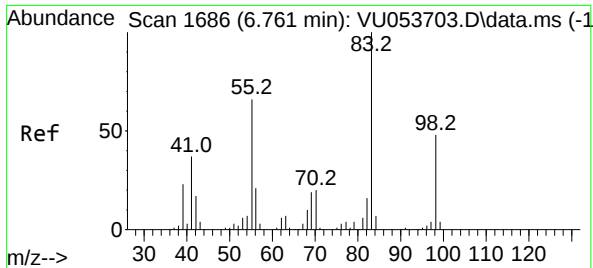
Tgt Ion: 97 Resp: 187693
Ion Ratio Lower Upper
97 100
99 65.3 49.9 74.9
61 41.5 35.7 53.5



#31
Carbon tetrachloride
Concen: 2.387 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. -0.209 min
Lab File: VU053713.D
Acq: 14 Apr 2023 15:02

Tgt Ion: 117 Resp: 25055
Ion Ratio Lower Upper
117 100
119 96.1 77.7 116.5

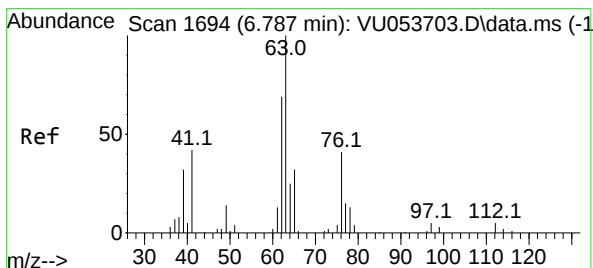
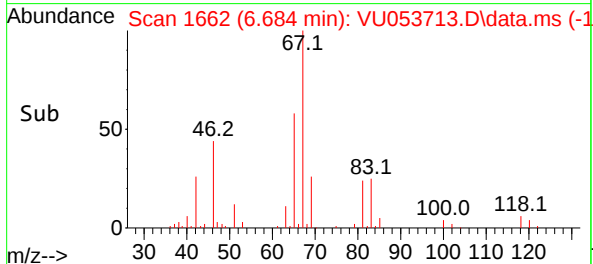
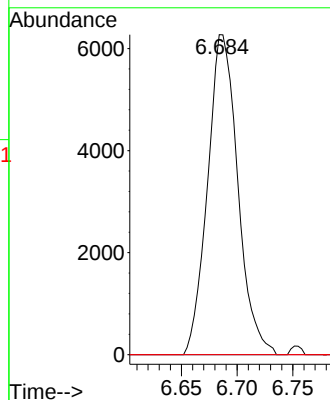
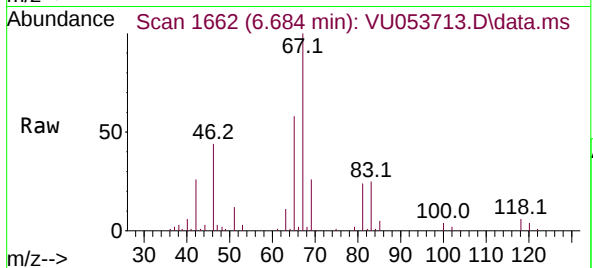




#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.077 min
Lab File: VU053713.D
Acq: 14 Apr 2023 15:02

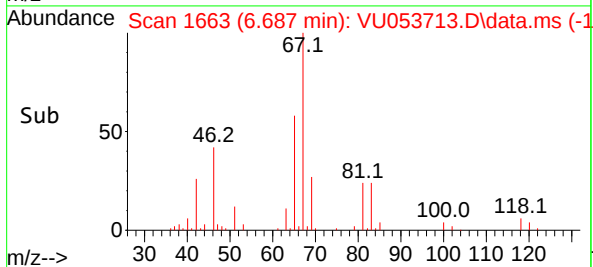
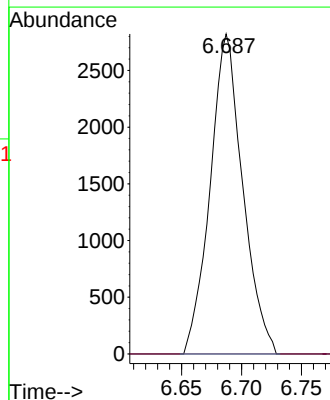
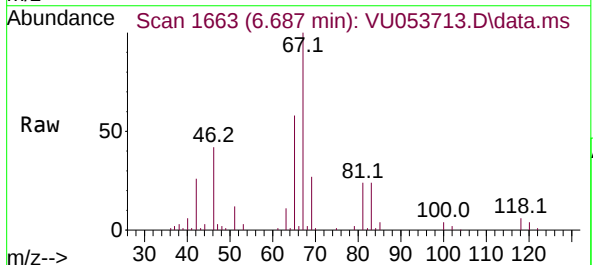
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C0AD3DL2

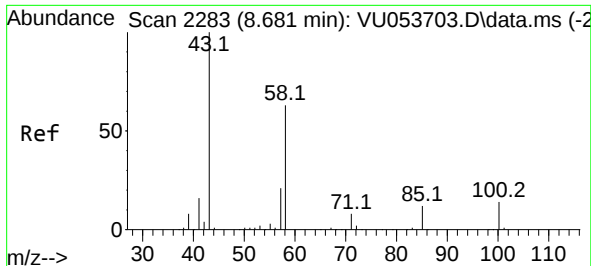
Tgt Ion: 83 Resp: 11854
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 2.0 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053713.D
Acq: 14 Apr 2023 15:02

Tgt Ion: 63 Resp: 5329
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

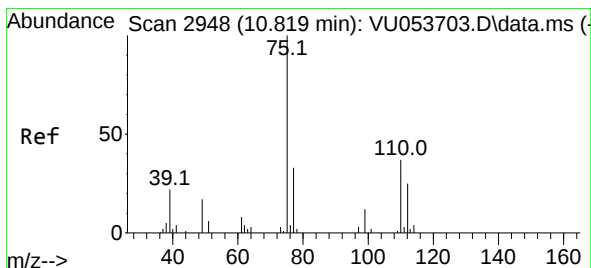
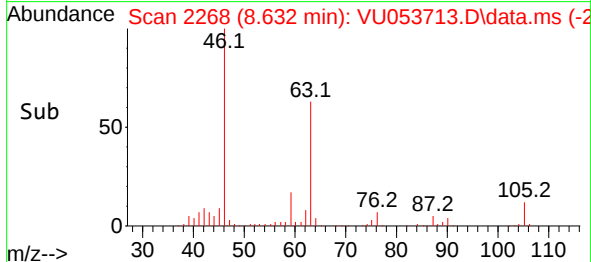
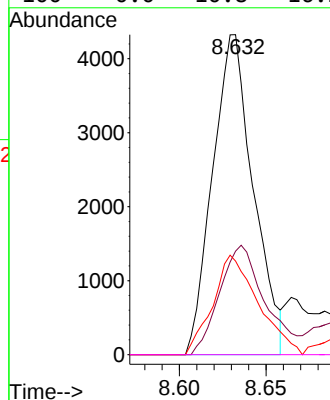
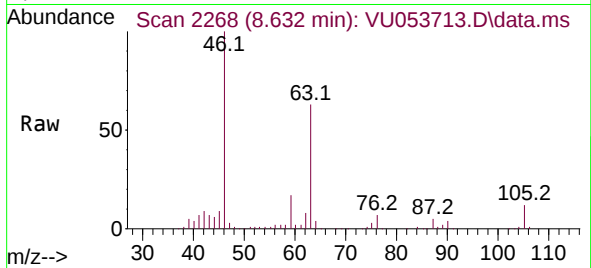




#48
2-Hexanone
Concen: 2.201 ug/L
RT: 8.632 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU053713.D
Acq: 14 Apr 2023 15:02

Instrument :
MSVOA_U
ClientSampleId :
C0AD3DL2

Tgt Ion: 43	Resp: 7080
Ion Ratio	Lower Upper
43 100	
58 38.0	52.8 79.2#
57 34.6	17.1 25.7#
100 0.0	10.8 16.2#



#61
1,2,3-Trichloropropane
Concen: 1.394 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053713.D
Acq: 14 Apr 2023 15:02

Tgt Ion: 75	Resp: 7232
Ion Ratio	Lower Upper
75 100	
110 1.4	30.6 46.0#
77 34.8	26.1 39.1

