

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053395.D
 Acq On : 24 Mar 2023 17:12
 Operator : JC/MD
 Sample : 02053-03DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 25 00:40:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:39:08 2023
 Response via : Initial Calibration

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

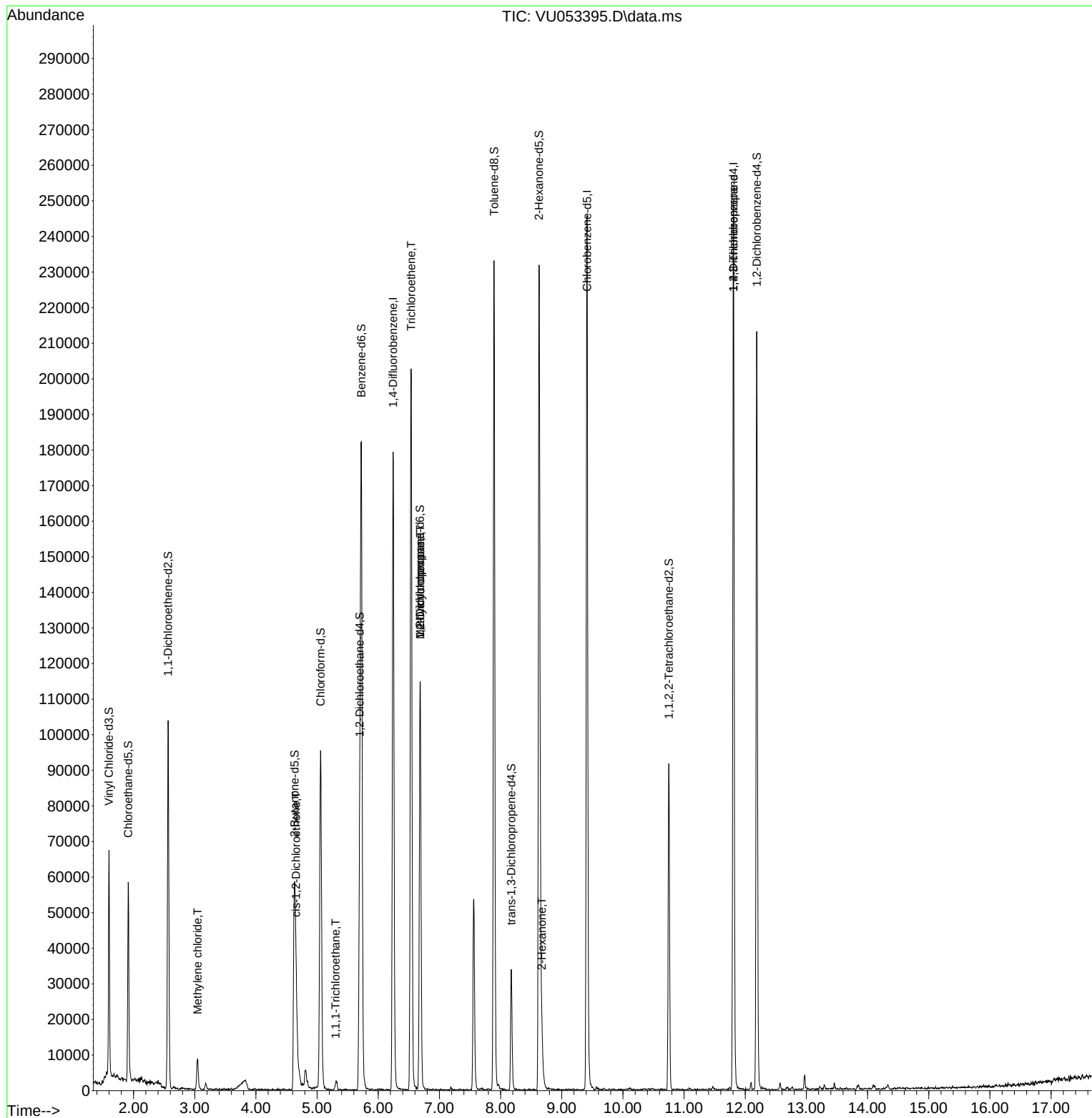
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	148511	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	137452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	64742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43183	4.227	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.912	69	41178	4.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.565	65	18223	4.187	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.633	46	110476	47.202	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.400%
24) Chloroform-d	5.057	84	85048	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.697	65	45115	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.723	84	177340	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.684	67	56428	4.754	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.893	98	161981	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.176	79	19624	4.308	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.629	63	84877	45.876	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.760%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	43528	4.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	54658	4.693	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
16) Methylene chloride	3.047	84	4423	0.401	ug/L	91
22) cis-1,2-Dichloroethene	4.658	96	1450	0.123	ug/L	91
29) 1,1,1-Trichloroethane	5.305	97	1652	0.122	ug/L #	75
34) Trichloroethene	6.539	95	69060	7.041	ug/L	96
35) Methylcyclohexane	6.687	83	12636	0.751	ug/L #	23
37) 1,2-Dichloropropane	6.687	63	6495	0.668	ug/L #	89
48) 2-Hexanone	8.674	43	6441	1.831	ug/L #	74
61) 1,2,3-Trichloropropane	11.806	75	8508	1.586	ug/L #	65

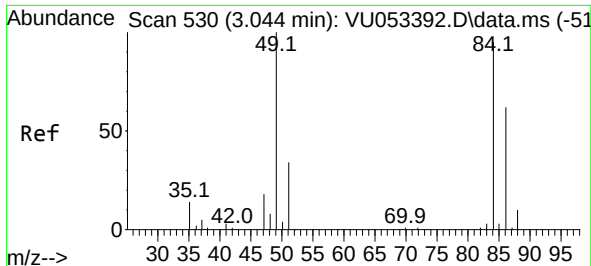
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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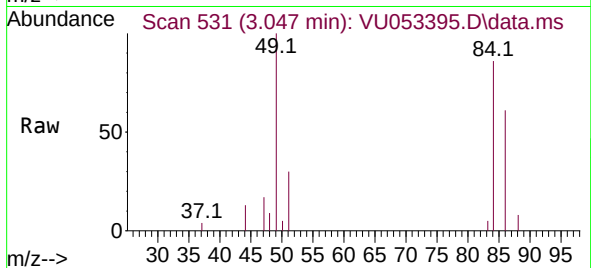
Quant Time: Mar 25 00:40:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
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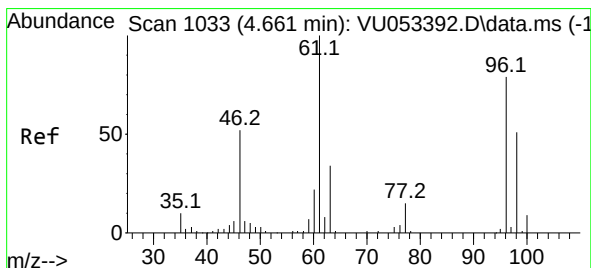
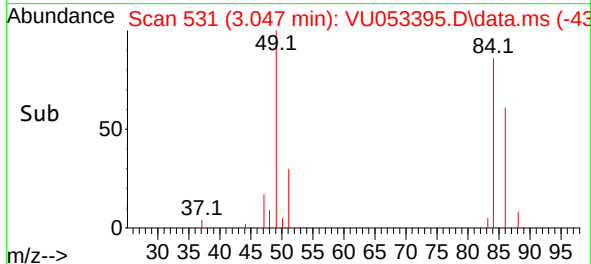
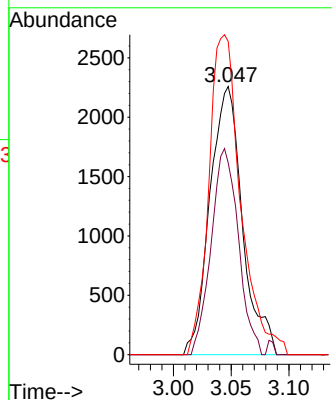
#16
Methylene chloride
Concen: 0.401 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU053395.D
Acq: 24 Mar 2023 17:12

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 4423

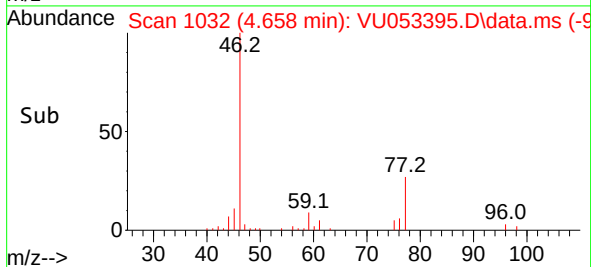
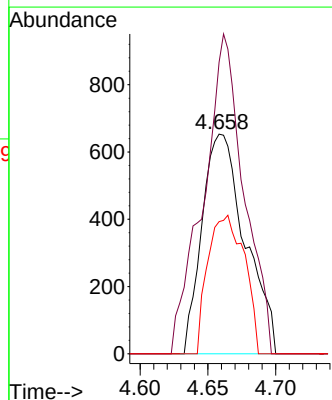
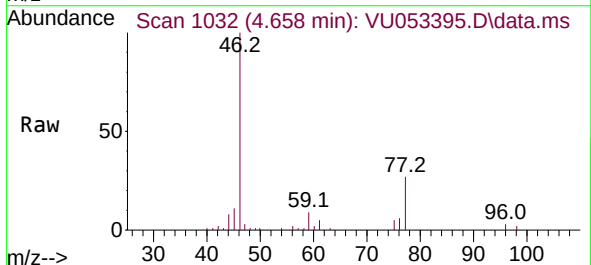
Ion	Ratio	Lower	Upper
84	100		
86	71.5	44.7	83.1
49	116.8	75.5	140.1

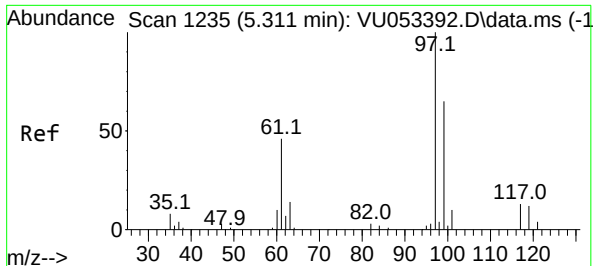


#22
cis-1,2-Dichloroethene
Concen: 0.123 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU053395.D
Acq: 24 Mar 2023 17:12

Tgt Ion: 96 Resp: 1450

Ion	Ratio	Lower	Upper
96	100		
61	132.8	86.6	160.8
98	60.2	47.7	88.5





#29

1,1,1-Trichloroethane

Concen: 0.122 ug/L

RT: 5.305 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU053395.D

Acq: 24 Mar 2023 17:12

Instrument :

MSVOA_U

ClientSampleId :

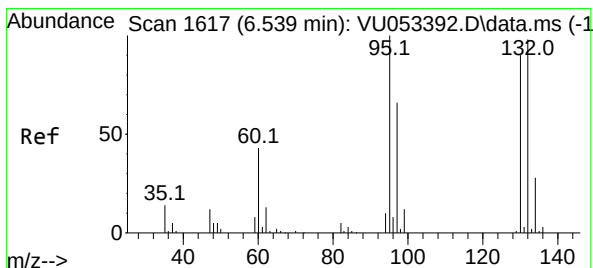
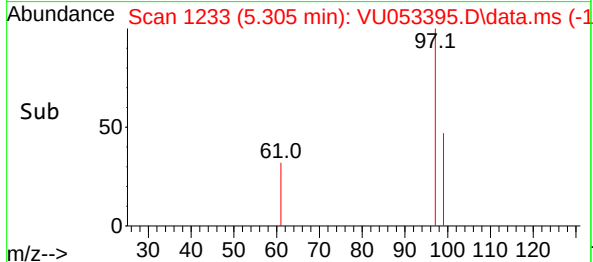
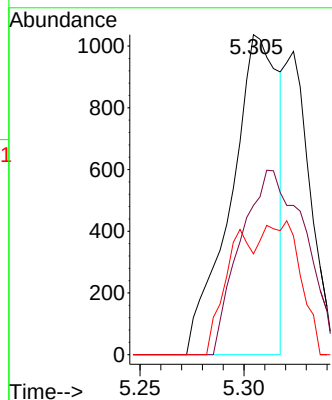
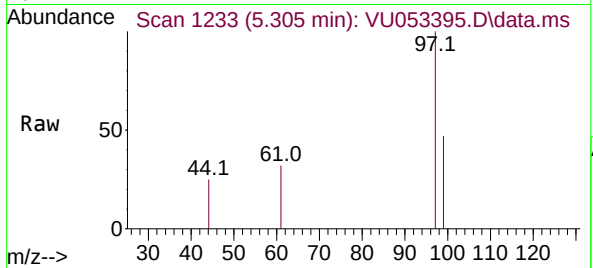
Tgt Ion: 97 Resp: 1652

Ion Ratio Lower Upper

97 100

99 77.5 49.9 74.9#

61 23.3 35.7 53.5#



#34

Trichloroethene

Concen: 7.041 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU053395.D

Acq: 24 Mar 2023 17:12

Tgt Ion: 95 Resp: 69060

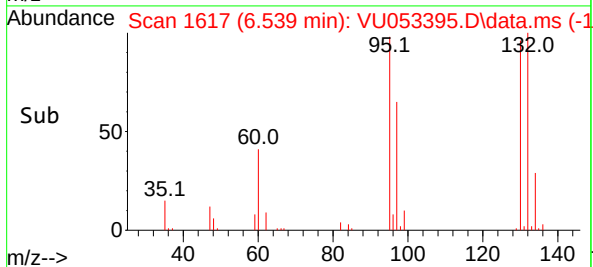
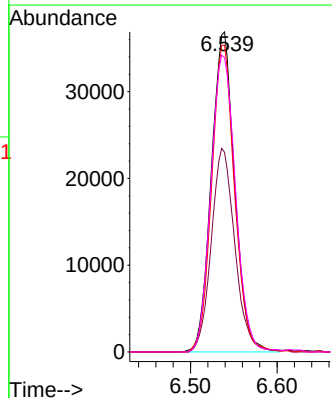
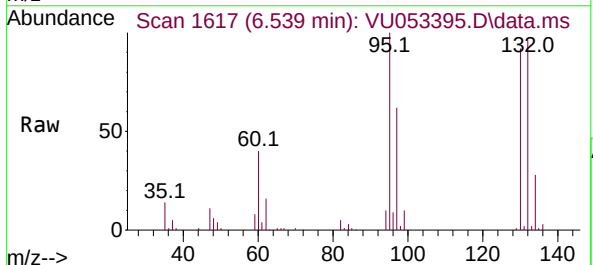
Ion Ratio Lower Upper

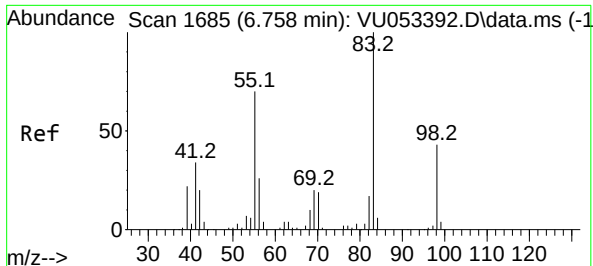
95 100

97 62.4 45.3 84.1

132 95.9 62.8 116.6

130 92.0 65.1 120.9

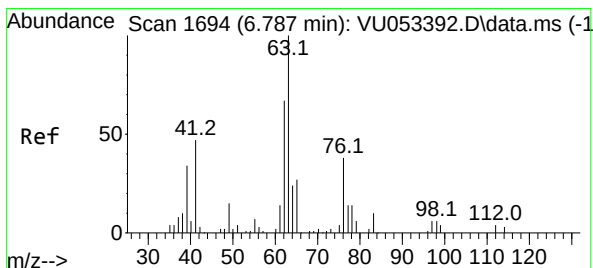
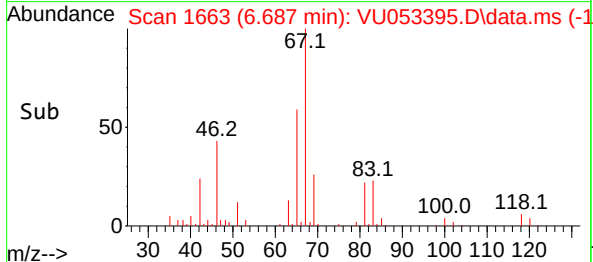
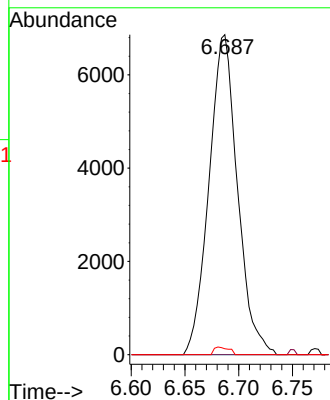
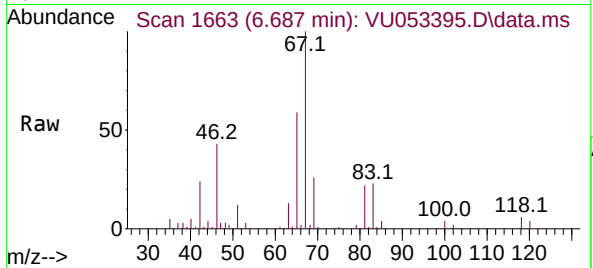




#35
Methylcyclohexane
Concen: 0.751 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053395.D
Acq: 24 Mar 2023 17:12

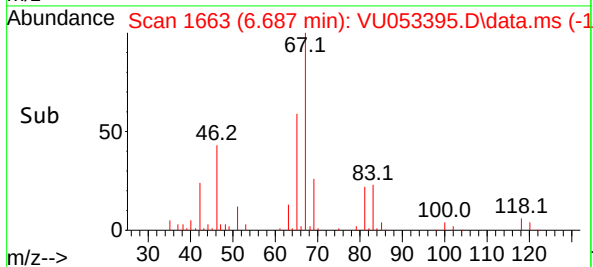
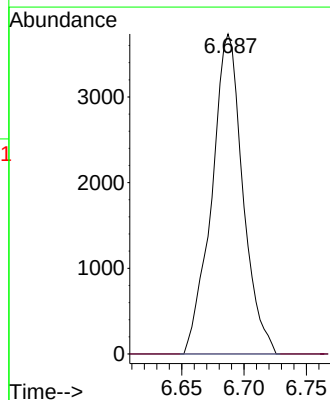
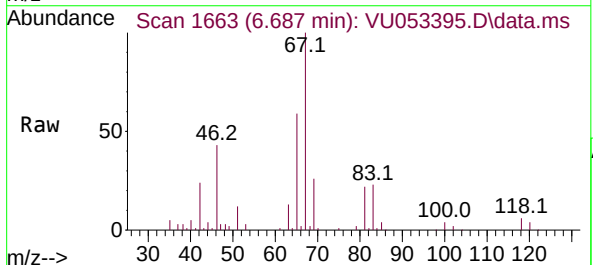
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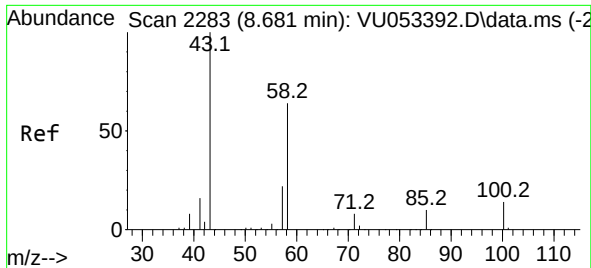
Tgt Ion: 83 Resp: 12636
Ion Ratio Lower Upper
83 100
55 0.3 54.9 82.3#
98 1.2 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.668 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.100 min
Lab File: VU053395.D
Acq: 24 Mar 2023 17:12

Tgt Ion: 63 Resp: 6495
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#

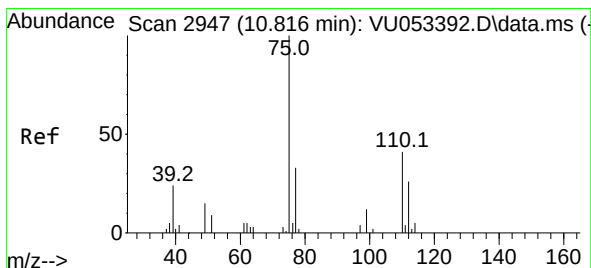
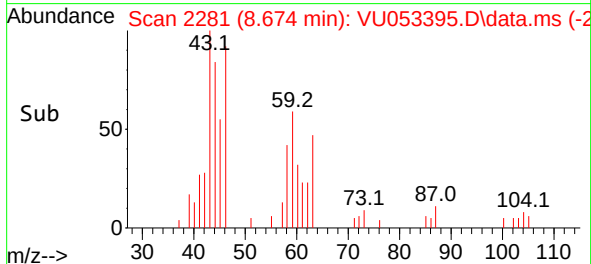
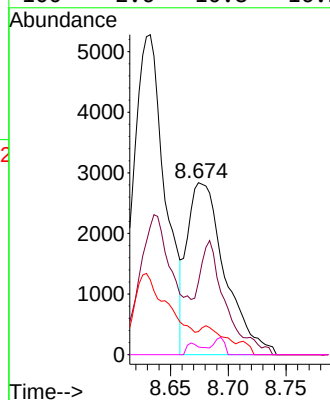
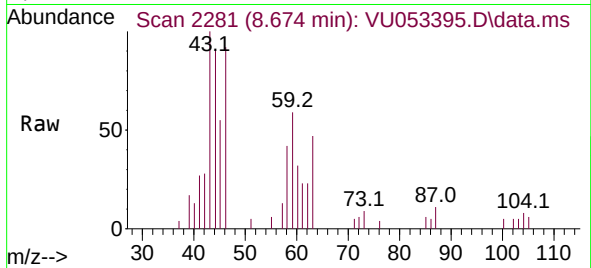




#48
2-Hexanone
Concen: 1.831 ug/L
RT: 8.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU053395.D
Acq: 24 Mar 2023 17:12

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 6441
Ion Ratio	Lower Upper
43 100	
58 47.7	52.8 79.2#
57 5.6	17.1 25.7#
100 2.6	10.8 16.2#



#61
1,2,3-Trichloropropane
Concen: 1.586 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.990 min
Lab File: VU053395.D
Acq: 24 Mar 2023 17:12

Tgt Ion: 75	Resp: 8508
Ion Ratio	Lower Upper
75 100	
110 1.1	30.6 46.0#
77 29.9	26.1 39.1

