

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053401.D
 Acq On : 24 Mar 2023 19:37
 Operator : JC/MD
 Sample : 02053-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 25 00:42:01 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

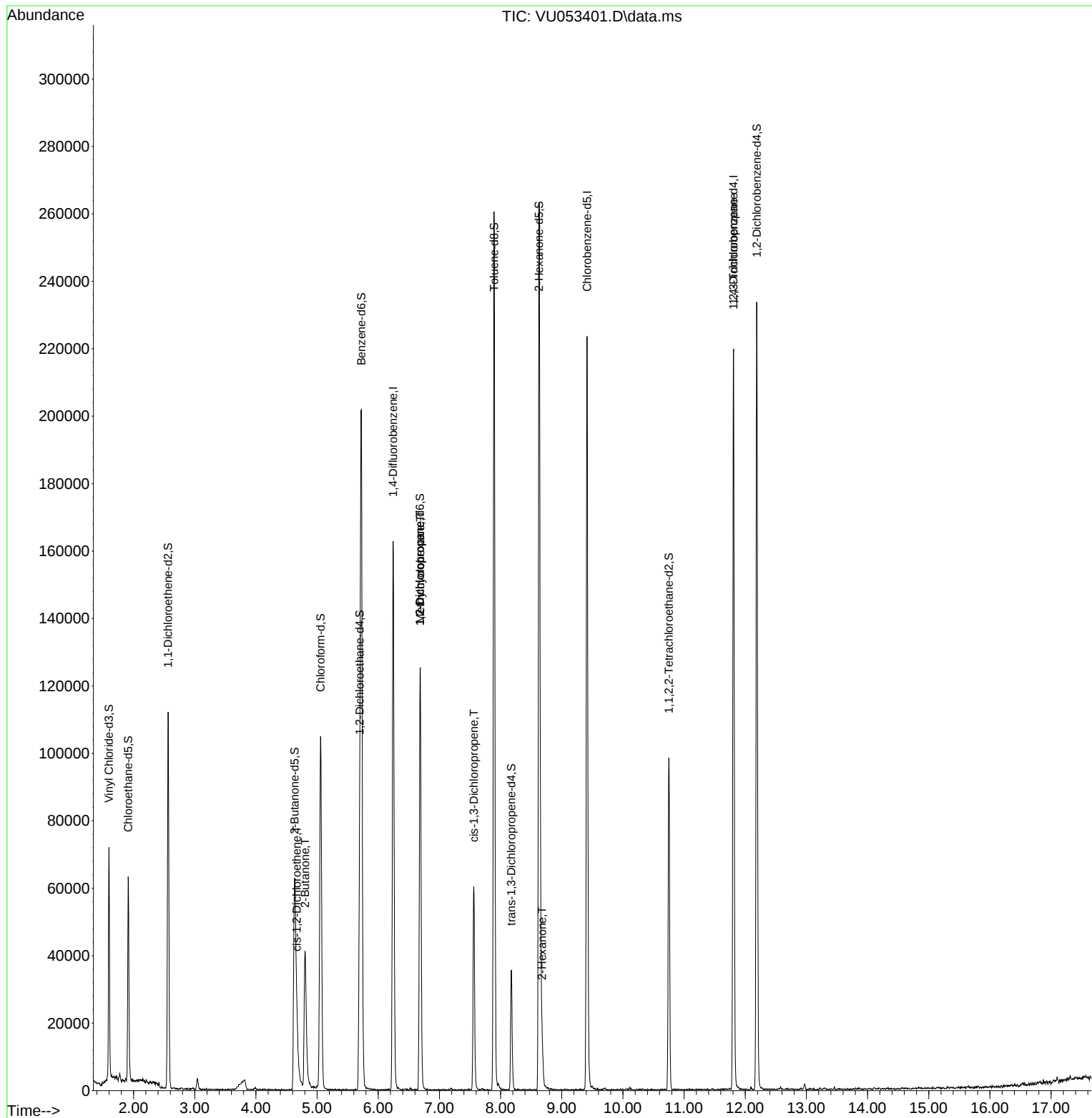
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	132412	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	124799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	58039	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48609	5.336	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.800%		
7) Chloroethane-d5	1.912	69	44569	5.391	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.800%		
11) 1,1-Dichloroethene-d2	2.565	65	20051	5.167	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.400%		
20) 2-Butanone-d5	4.632	46	123913	59.380	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 118.760%		
24) Chloroform-d	5.057	84	92407	5.472	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.400%		
26) 1,2-Dichloroethane-d4	5.697	65	48303	5.582	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 111.600%		
32) Benzene-d6	5.722	84	195903	5.539	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.800%		
36) 1,2-Dichloropropane-d6	6.684	67	62457	5.795	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 116.000%		
41) Toluene-d8	7.893	98	179053	5.366	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.400%		
43) trans-1,3-Dichloroprop...	8.176	79	21292	5.148	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.000%		
46) 2-Hexanone-d5	8.629	63	93902	55.900	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 111.800%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	48527	5.410	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 108.200%		
66) 1,2-Dichlorobenzene-d4	12.188	152	59900	5.737	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 114.800%		
Target Compounds						Qvalue
21) 2-Butanone	4.806	43	61272	31.864	ug/L #	42
22) cis-1,2-Dichloroethene	4.668	96	1416	0.135	ug/L	74
35) Methylcyclohexane	6.687	83	13694	0.896	ug/L #	22
37) 1,2-Dichloropropane	6.684	63	6180	0.700	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	1529	0.117	ug/L #	77
48) 2-Hexanone	8.677	43	6098	1.909	ug/L #	37
61) 1,2,3-Trichloropropane	11.806	75	7259	1.510	ug/L #	66

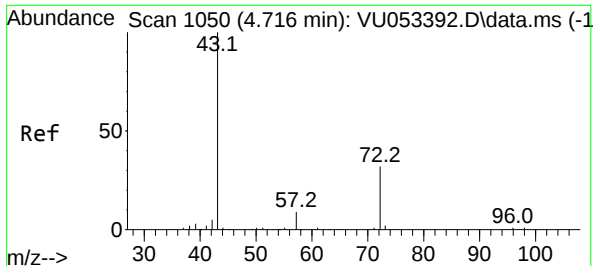
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 31.864 ug/L

RT: 4.806 min Scan# 1078

Delta R.T. 0.090 min

Lab File: VU053401.D

Acq: 24 Mar 2023 19:37

Instrument :

MSVOA_U

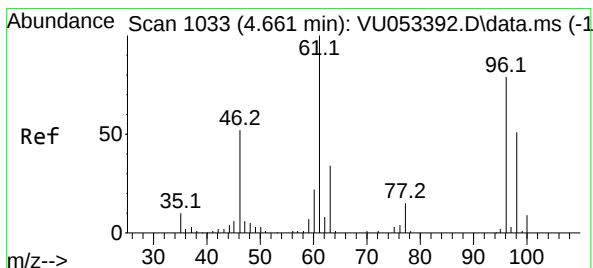
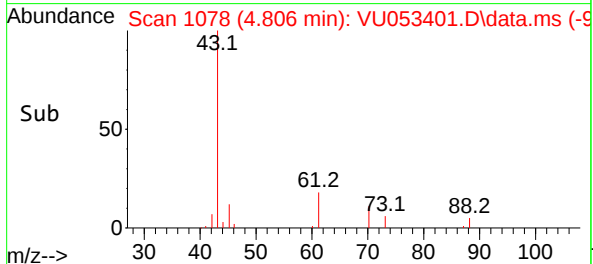
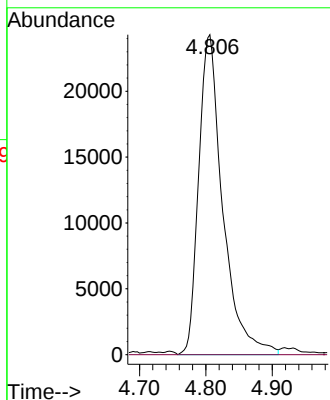
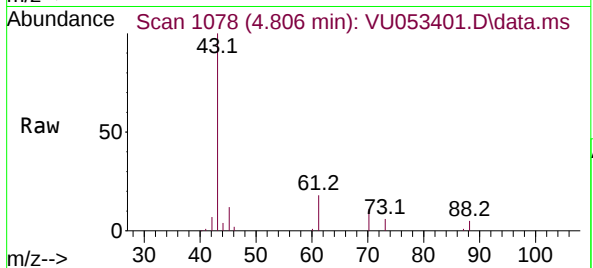
ClientSampleId :

Tgt Ion: 43 Resp: 61272

Ion Ratio Lower Upper

43 100

72 0.0 16.2 48.6#



#22

cis-1,2-Dichloroethene

Concen: 0.135 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VU053401.D

Acq: 24 Mar 2023 19:37

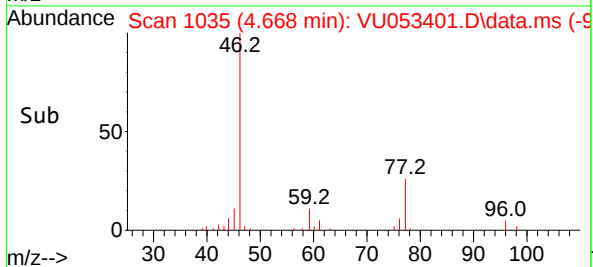
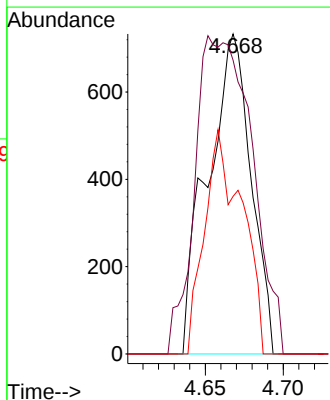
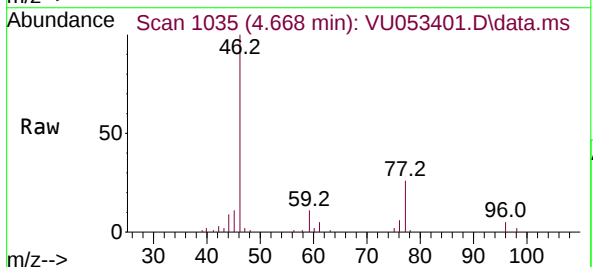
Tgt Ion: 96 Resp: 1416

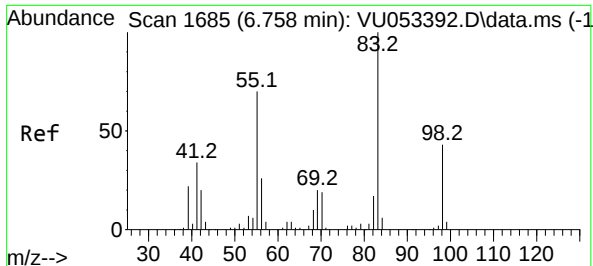
Ion Ratio Lower Upper

96 100

61 91.8 86.6 160.8

98 49.2 47.7 88.5

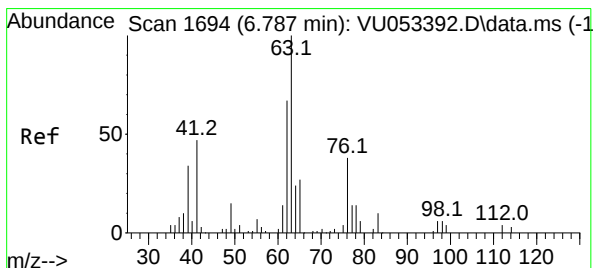
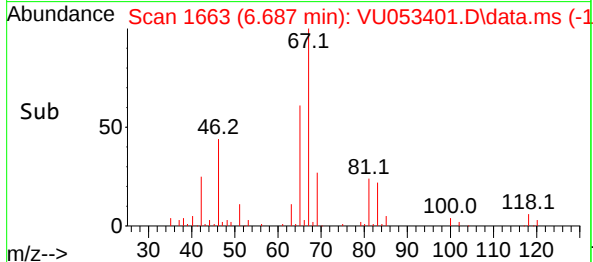
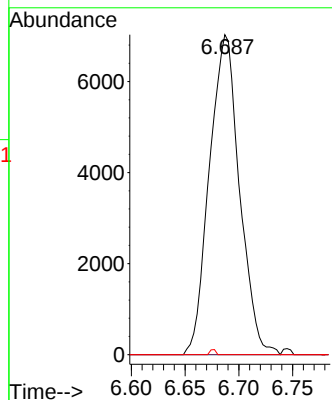
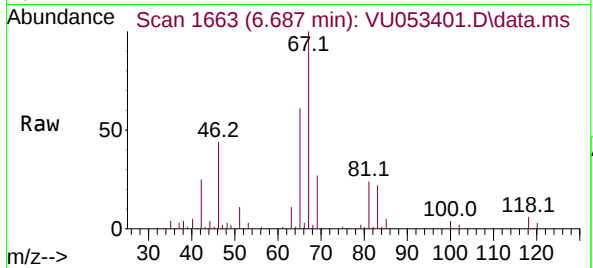




#35
Methylcyclohexane
Concen: 0.896 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053401.D
Acq: 24 Mar 2023 19:37

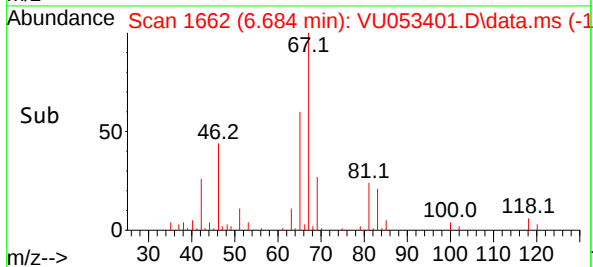
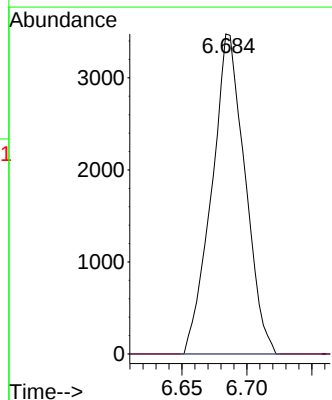
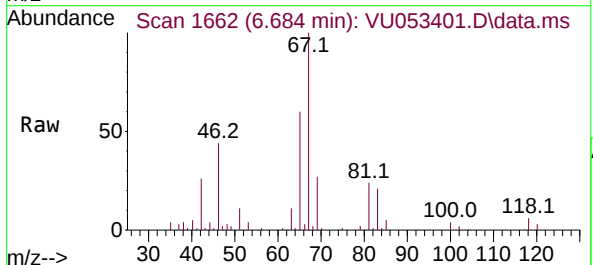
Instrument :
MSVOA_U
ClientSampleId :

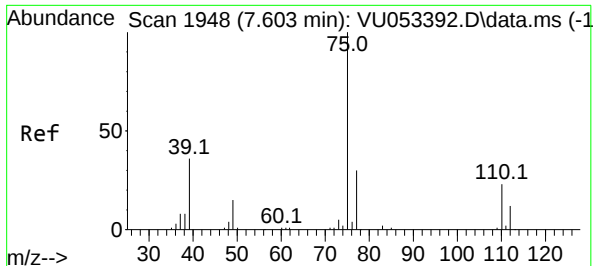
Tgt Ion: 83 Resp: 13694
Ion Ratio Lower Upper
83 100
55 0.0 54.9 82.3#
98 0.3 34.9 52.3#



#37
1,2-Dichloropropane
Concen: 0.700 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU053401.D
Acq: 24 Mar 2023 19:37

Tgt Ion: 63 Resp: 6180
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.562 min Scan# 1948

Delta R.T. -0.042 min

Lab File: VU053401.D

Acq: 24 Mar 2023 19:37

Instrument :

MSVOA_U

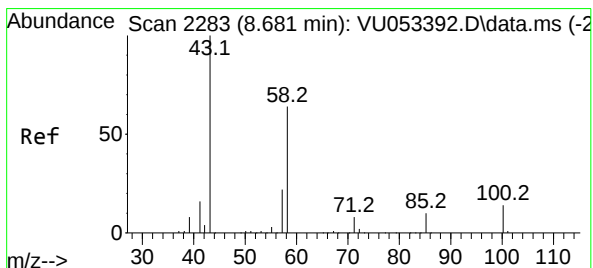
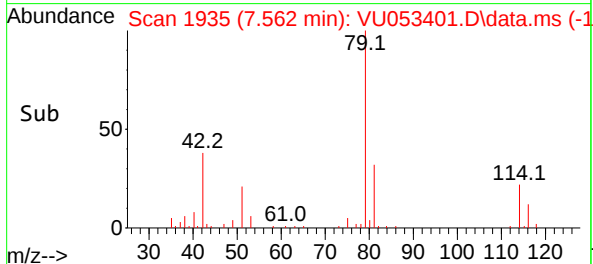
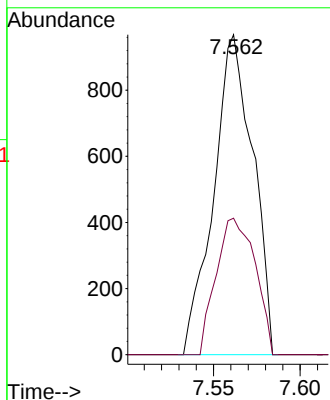
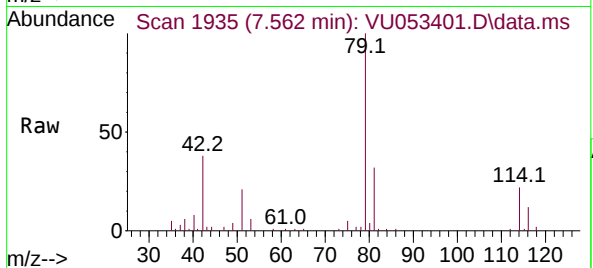
ClientSampleId :

Tgt Ion: 75 Resp: 1529

Ion Ratio Lower Upper

75 100

77 42.7 21.1 39.3#



#48

2-Hexanone

Concen: 1.909 ug/L

RT: 8.677 min Scan# 2282

Delta R.T. -0.003 min

Lab File: VU053401.D

Acq: 24 Mar 2023 19:37

Tgt Ion: 43 Resp: 6098

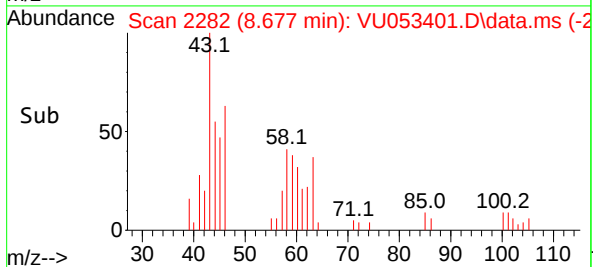
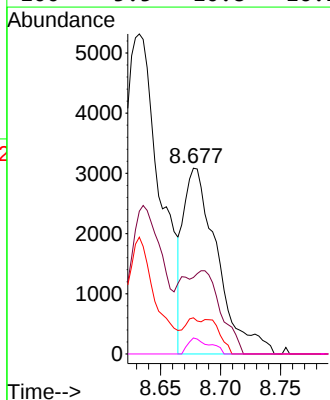
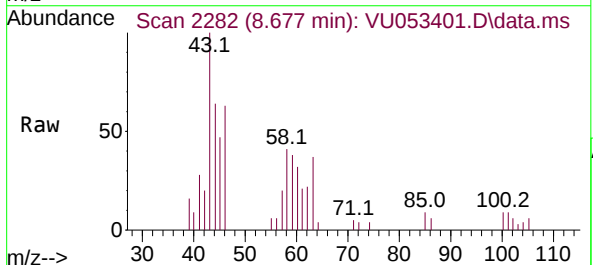
Ion Ratio Lower Upper

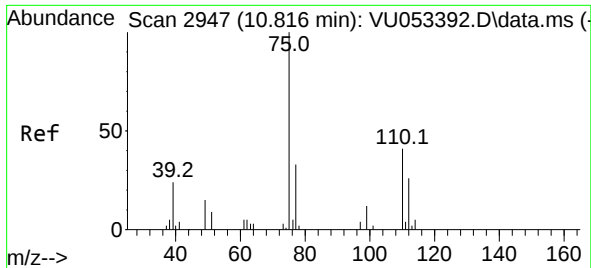
43 100

58 2.7 52.8 79.2#

57 2.5 17.1 25.7#

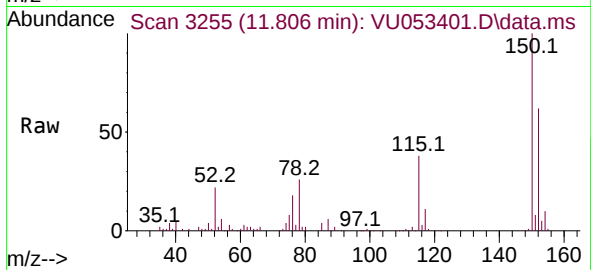
100 5.5 10.8 16.2#





#61
1,2,3-Trichloropropane
Concen: 1.510 ug/L
RT: 11.806 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU053401.D
Acq: 24 Mar 2023 19:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 7259
Ion Ratio Lower Upper
75 100
110 2.8 30.6 46.0#
77 35.1 26.1 39.1

