

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052528.D
 Acq On : 23 Dec 2022 11:42
 Operator : JC/MD
 Sample : N6188-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL50

Quant Time: Dec 24 03:54:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

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

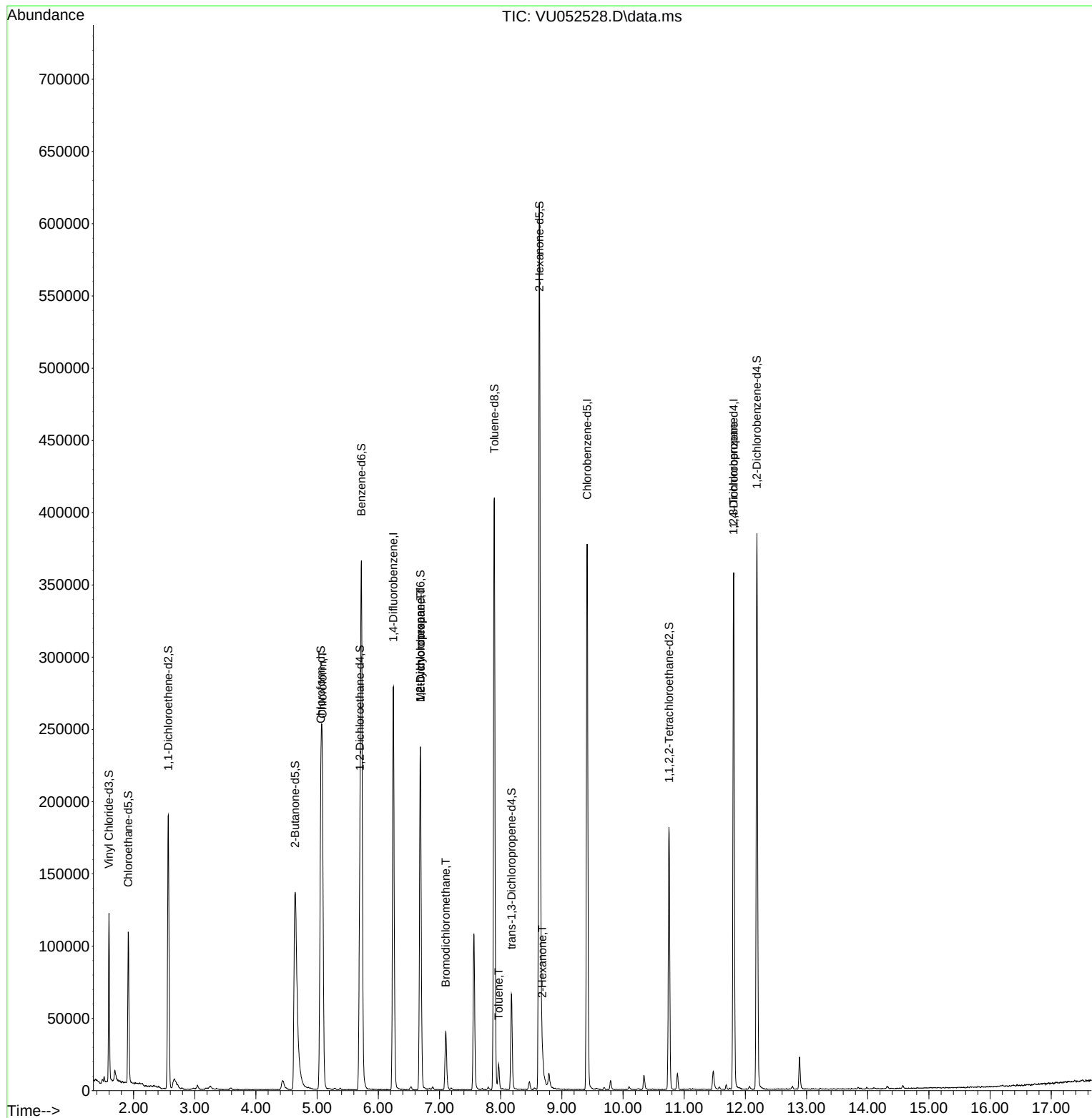
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	216730	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	203137	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	90573	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	82676	3.765	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.400%	
7) Chloroethane-d5	1.913	69	79210	4.183	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.600%	
11) 1,1-Dichloroethene-d2	2.568	65	37495	3.968	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.400%	
20) 2-Butanone-d5	4.639	46	313816	46.089	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.180%	
24) Chloroform-d	5.060	84	168808	4.557	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.700	65	94516	4.399	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
32) Benzene-d6	5.723	84	335943	4.824	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
36) 1,2-Dichloropropane-d6	6.687	67	114783	4.788	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.896	98	265136	4.535	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	8.176	79	37781	4.602	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.000%	
46) 2-Hexanone-d5	8.633	63	215919	48.074	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.140%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	92070	4.523	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.400%	
66) 1,2-Dichlorobenzene-d4	12.189	152	96139	5.214	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.200%	
Target Compounds						Qvalue
25) Chloroform	5.086	83	173764	4.930	ug/L	98
35) Methylcyclohexane	6.687	83	25572	0.991	ug/L #	14
37) 1,2-Dichloropropane	6.687	63	11741	0.575	ug/L #	88
38) Bromodichloromethane	7.102	83	26459	1.065	ug/L	97
42) Toluene	7.967	91	11573	0.165	ug/L	98
48) 2-Hexanone	8.681	43	7685	0.683	ug/L #	41
61) 1,2,3-Trichloropropane	11.806	75	12840	0.988	ug/L #	69

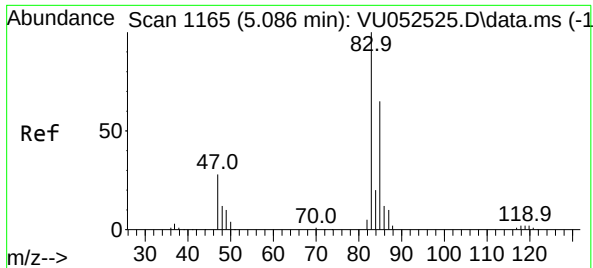
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 24 03:53:16 2022
Response via : Initial Calibration

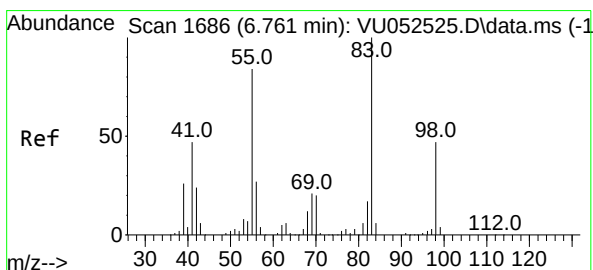
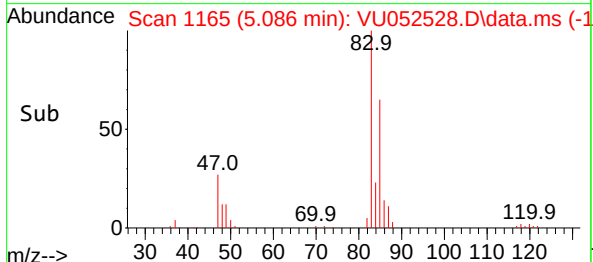
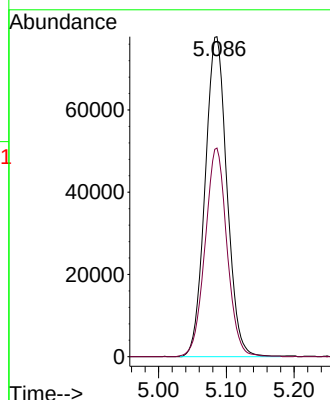
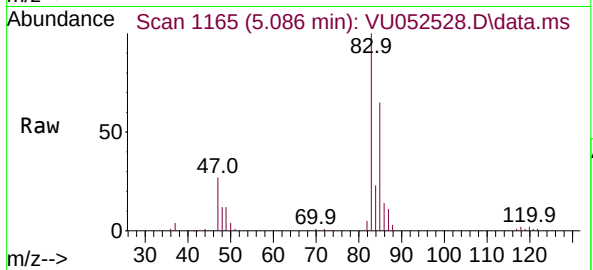




#25
Chloroform
Concen: 4.930 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU052528.D
Acq: 23 Dec 2022 11:42

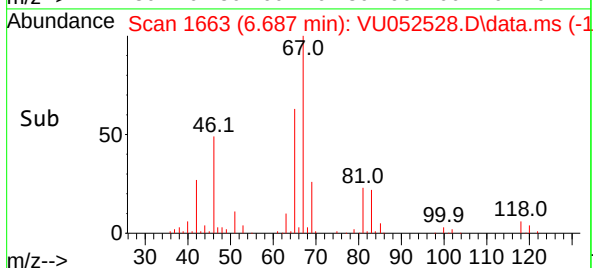
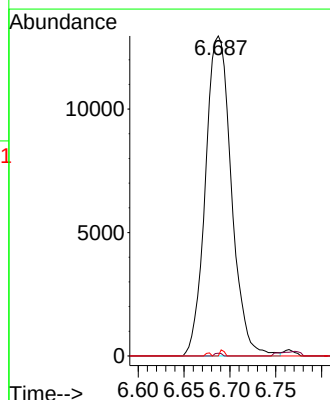
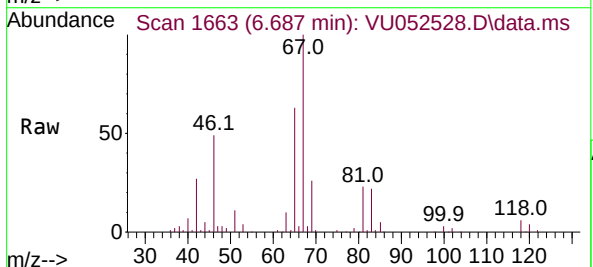
Instrument :
MSVOA_U
ClientSampleId :
COL50

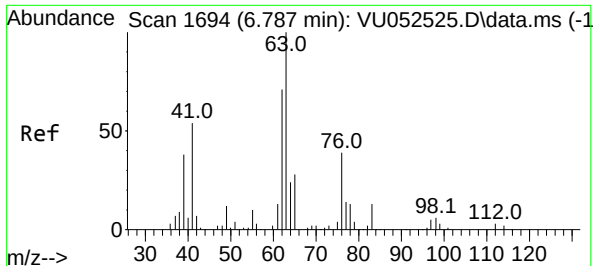
Tgt Ion: 83 Resp: 173764
Ion Ratio Lower Upper
83 100
85 65.2 44.7 83.1



#35
Methylcyclohexane
Concen: 0.991 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052528.D
Acq: 23 Dec 2022 11:42

Tgt Ion: 83 Resp: 25572
Ion Ratio Lower Upper
83 100
55 0.2 71.4 107.0#
98 0.3 36.5 54.7#





#37

1,2-Dichloropropane

Concen: 0.575 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052528.D

Acq: 23 Dec 2022 11:42

Instrument :

MSVOA_U

ClientSampleId :

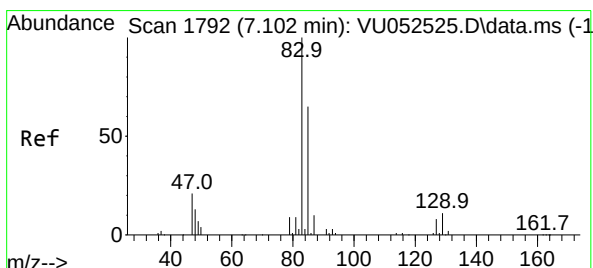
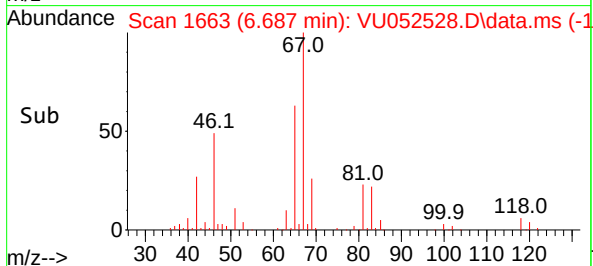
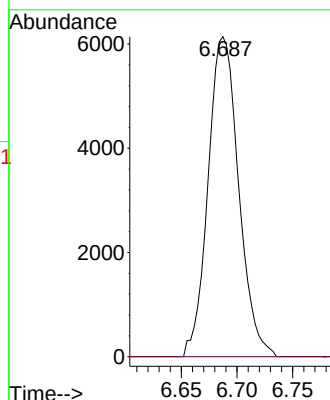
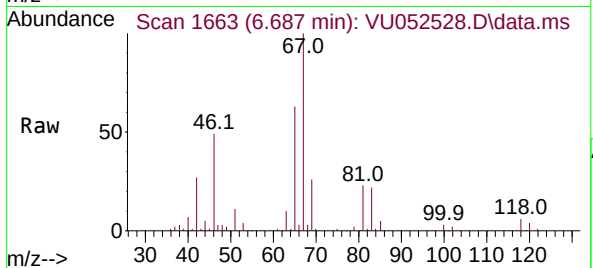
COL50

Tgt Ion: 63 Resp: 11741

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#38

Bromodichloromethane

Concen: 1.065 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU052528.D

Acq: 23 Dec 2022 11:42

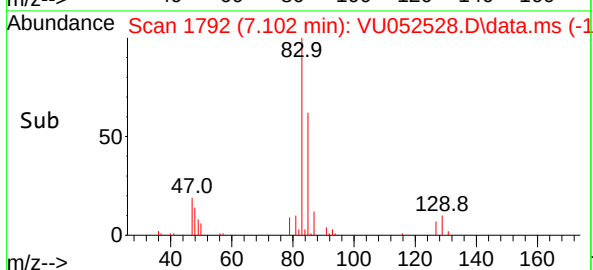
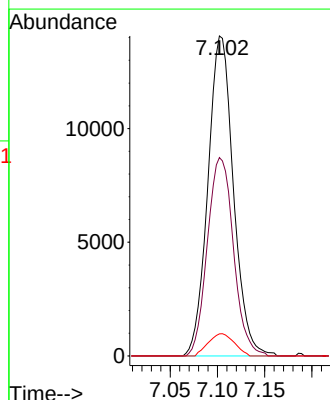
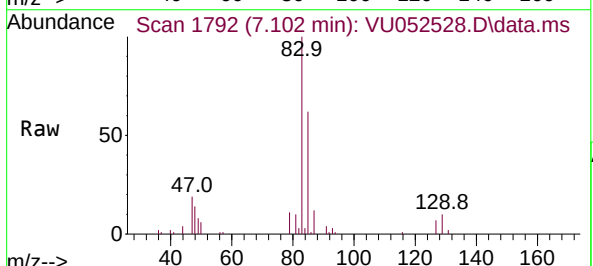
Tgt Ion: 83 Resp: 26459

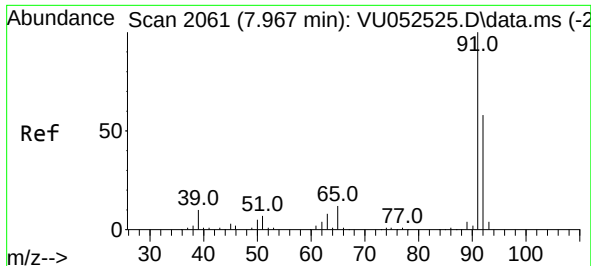
Ion Ratio Lower Upper

83 100

85 62.0 45.2 84.0

127 6.9 5.8 8.6





#42

Toluene

Concen: 0.165 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052528.D

Acq: 23 Dec 2022 11:42

Instrument :

MSVOA_U

ClientSampleId :

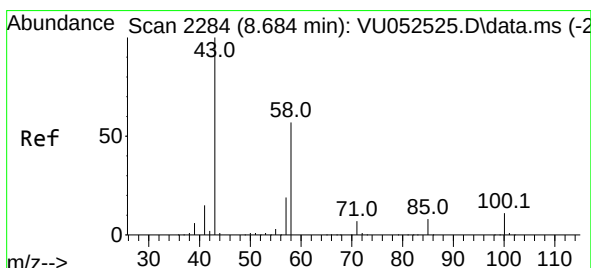
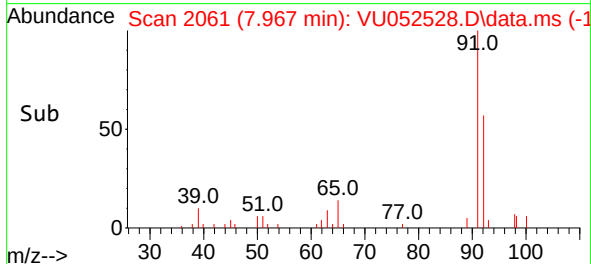
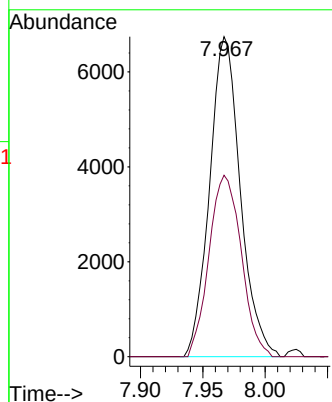
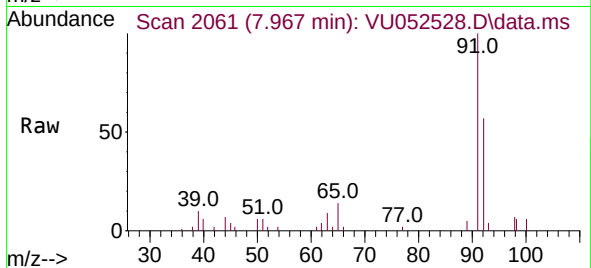
COL50

Tgt Ion: 91 Resp: 11573

Ion Ratio Lower Upper

91 100

92 56.7 40.6 75.4



#48

2-Hexanone

Concen: 0.683 ug/L

RT: 8.681 min Scan# 2283

Delta R.T. -0.003 min

Lab File: VU052528.D

Acq: 23 Dec 2022 11:42

Tgt Ion: 43 Resp: 7685

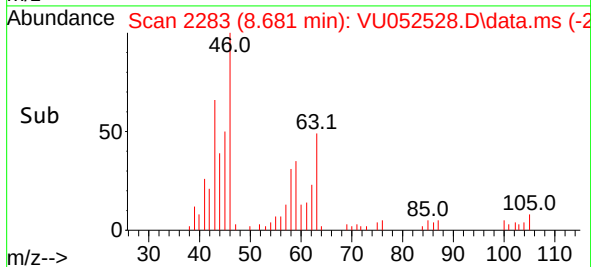
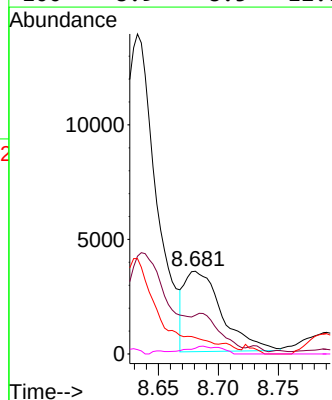
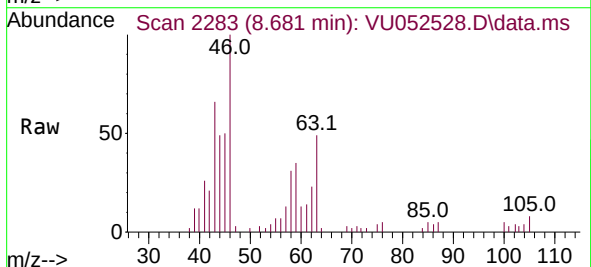
Ion Ratio Lower Upper

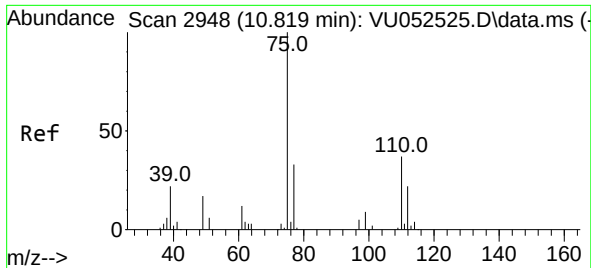
43 100

58 0.0 44.1 66.1#

57 0.0 14.6 21.8#

100 8.9 8.5 12.7





#61
 1,2,3-Trichloropropane
 Concen: 0.988 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052528.D
 Acq: 23 Dec 2022 11:42

Instrument :
 MSVOA_U
 ClientSampleId :
 COL50

Tgt Ion: 75 Resp: 12840
 Ion Ratio Lower Upper
 75 100
 110 1.9 27.9 41.9#
 77 30.4 25.9 38.9

