

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
 Data File : VU044298.D
 Acq On : 02 Jul 2021 12:55
 Operator : SY/MD
 Sample : M2905-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 03 04:59:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 03 04:56:00 2021
 Response via : Initial Calibration

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

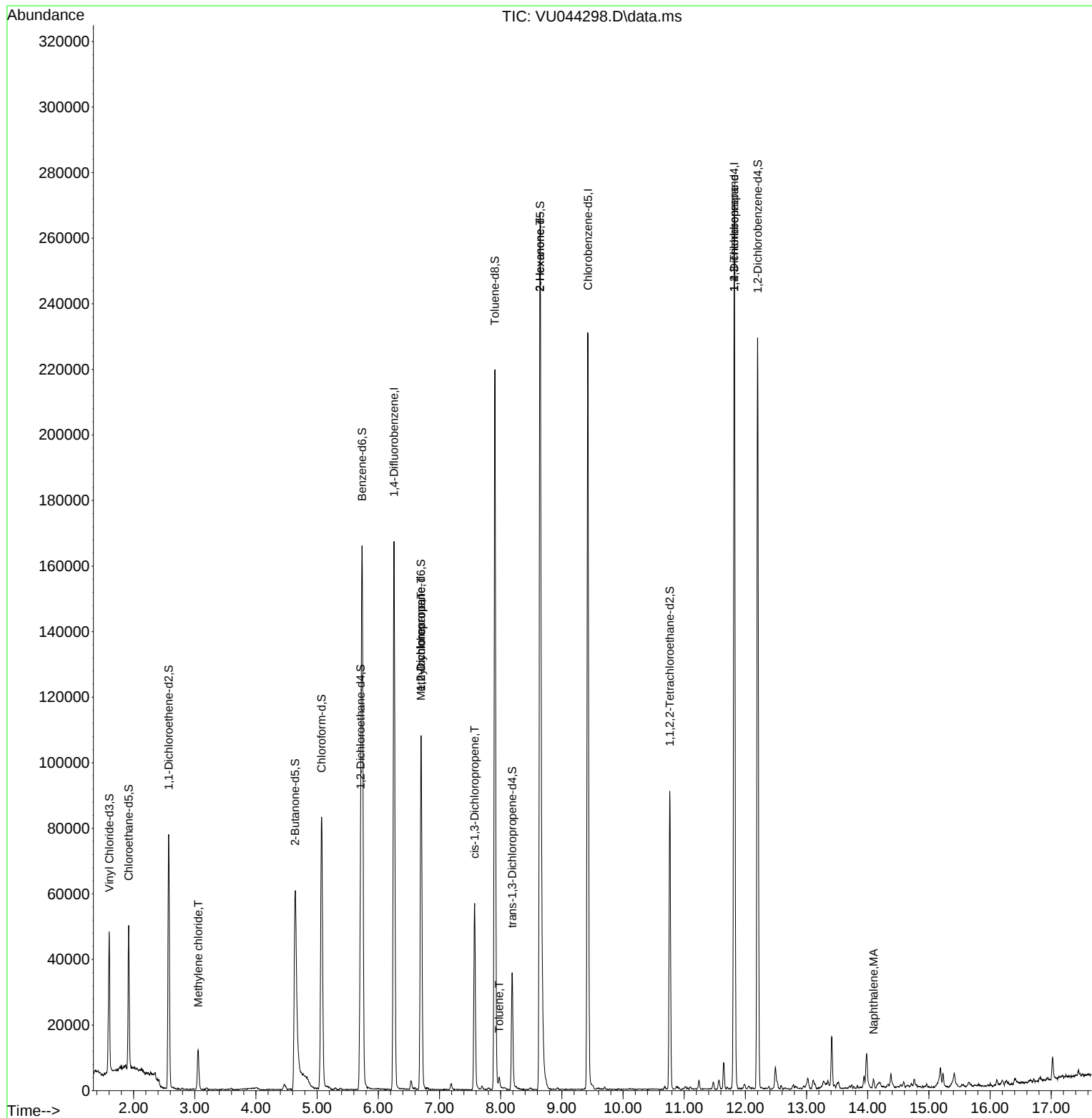
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	134364	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	126056	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	70215	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27495	3.780	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.919	69	31225	4.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.575	65	14855	3.978	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.642	46	119831	44.731	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.460%
24) Chloroform-d	5.073	84	74958	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.710	65	44915	4.588	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.735	84	150122	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.700	67	49639	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.906	98	139292	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.189	79	20083	4.267	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.645	63	120917	53.944	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.880%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	43945	4.872	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.201	152	58618	5.067	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
16) Methylene chloride	3.057	84	5709	0.546	ug/L	95
35) Methylcyclohexane	6.697	83	12440	0.841	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	5679	0.650	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1392	0.097	ug/L #	64
42) Toluene	7.977	91	2424	0.067	ug/L	92
48) 2-Hexanone	8.642	43	16249	3.285	ug/L #	66
61) 1,2,3-Trichloropropane	11.819	75	8343	1.316	ug/L #	62
71) Naphthalene	14.095	128	2535	0.113	ug/L	98

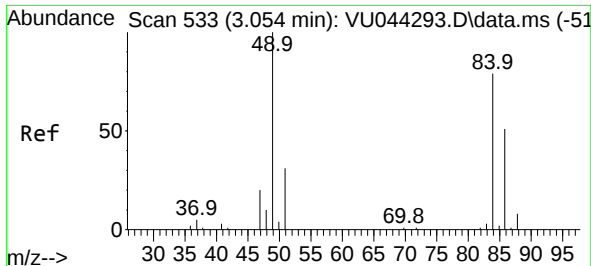
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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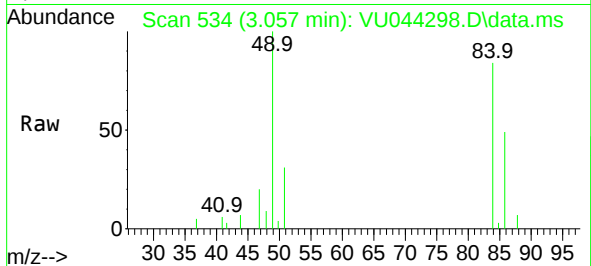
Quant Time: Jul 03 04:59:11 2021
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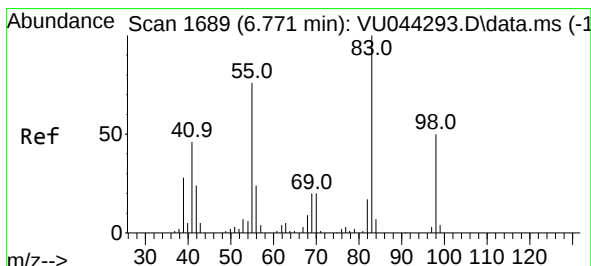
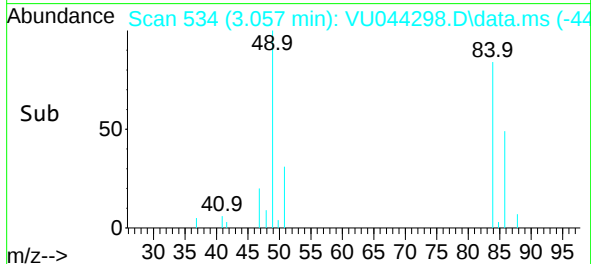
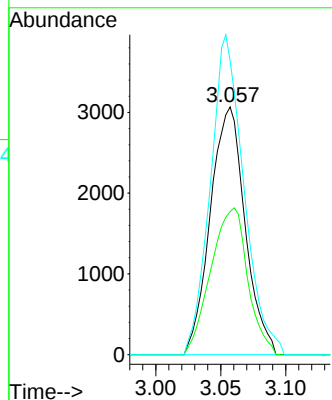


#16
Methylene chloride
Concen: 0.546 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU044298.D
Acq: 02 Jul 2021 12:55

Instrument :
MSVOA_U
ClientSampled :

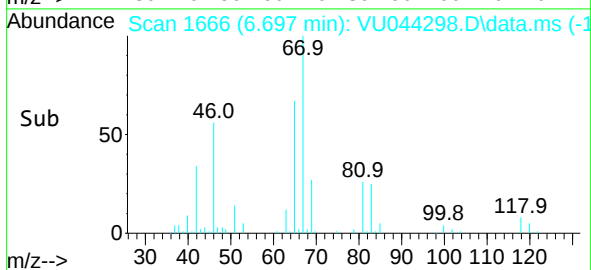
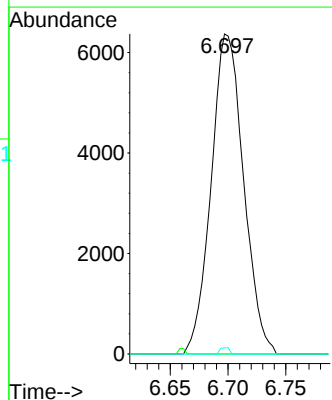
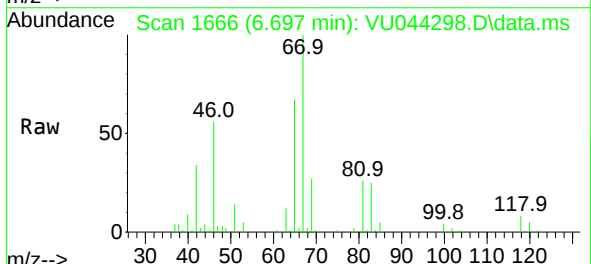


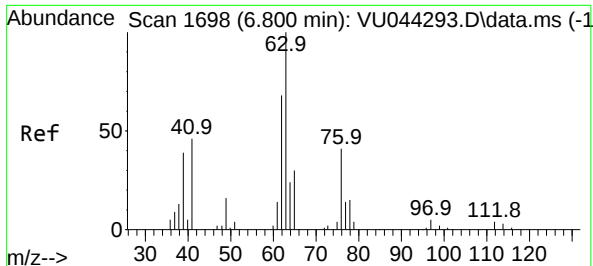
Tgt Ion: 84 Resp: 5709
Ion Ratio Lower Upper
84 100
86 57.8 46.1 85.5
49 123.2 88.4 164.2



#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU044298.D
Acq: 02 Jul 2021 12:55

Tgt Ion: 83 Resp: 12440
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.0#
98 0.5 39.4 59.0#



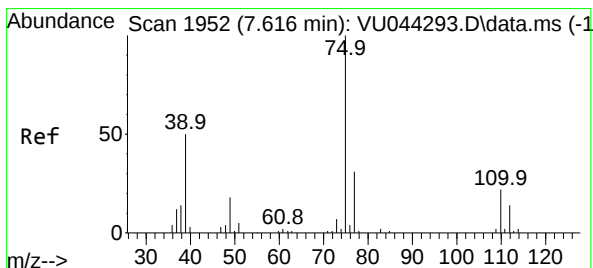
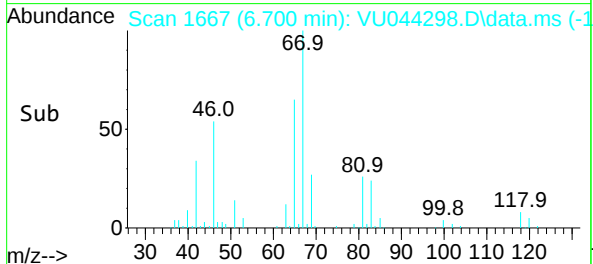
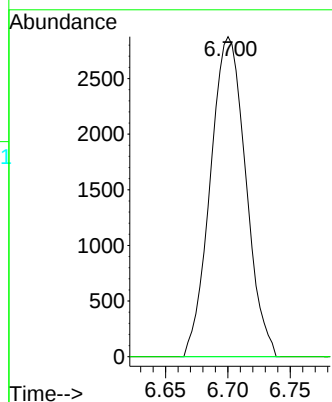
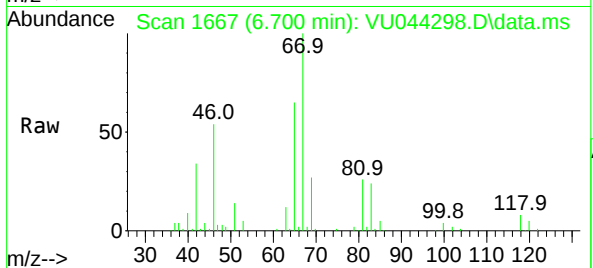


#37

1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU044298.D
Acq: 02 Jul 2021 12:55

Instrument :
MSVOA_U
ClientSampled :

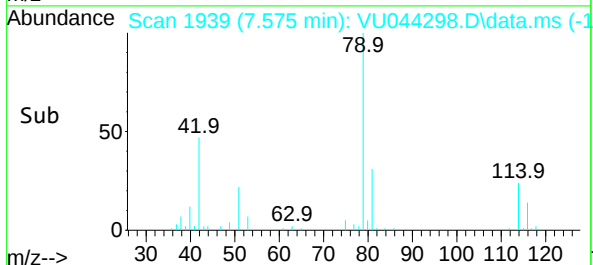
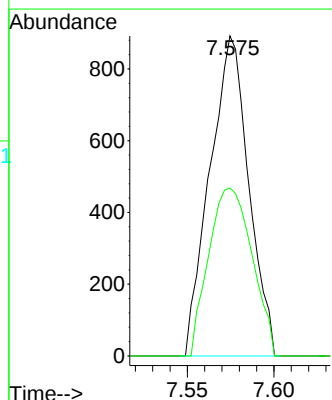
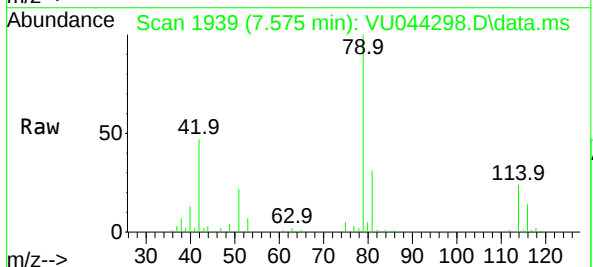
Tgt Ion: 63 Resp: 5679
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

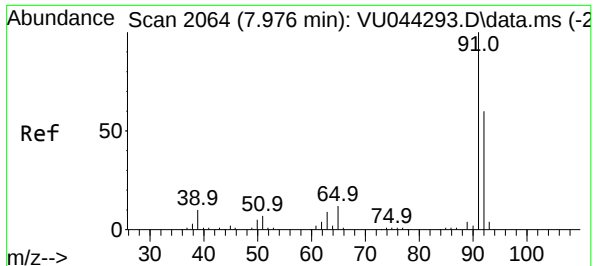


#39

cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU044298.D
Acq: 02 Jul 2021 12:55

Tgt Ion: 75 Resp: 1392
Ion Ratio Lower Upper
75 100
77 52.5 22.5 41.7#





#42

Toluene

Concen: 0.067 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU044298.D

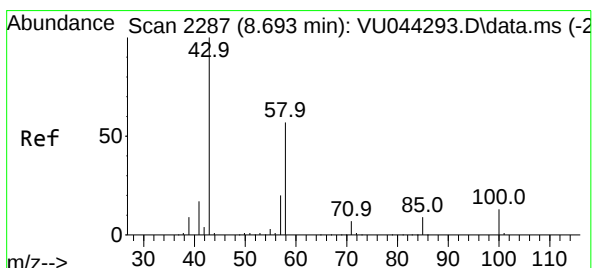
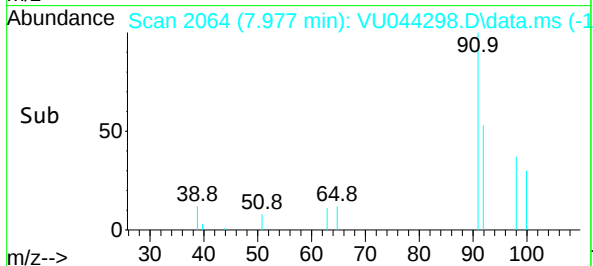
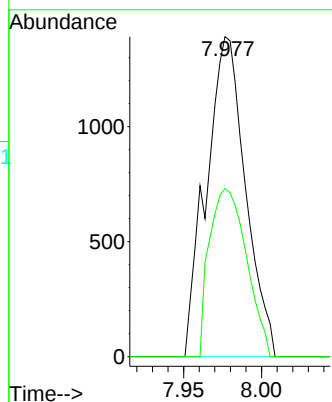
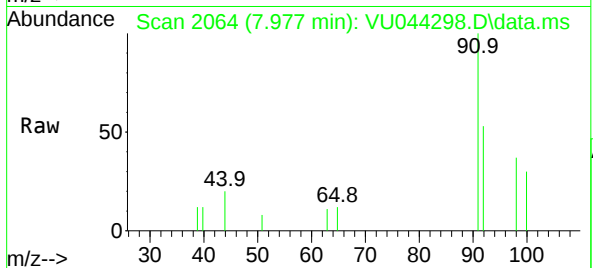
Acq: 02 Jul 2021 12:55

Tgt Ion: 91 Resp: 2424

Ion Ratio Lower Upper

91 100

92 52.6 41.2 76.6



#48

2-Hexanone

Concen: 3.285 ug/L

RT: 8.642 min Scan# 2271

Delta R.T. -0.051 min

Lab File: VU044298.D

Acq: 02 Jul 2021 12:55

Tgt Ion: 43 Resp: 16249

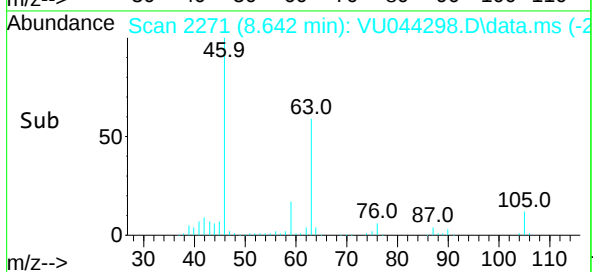
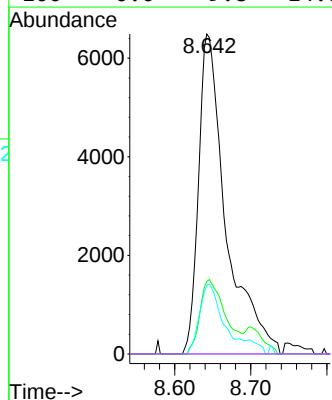
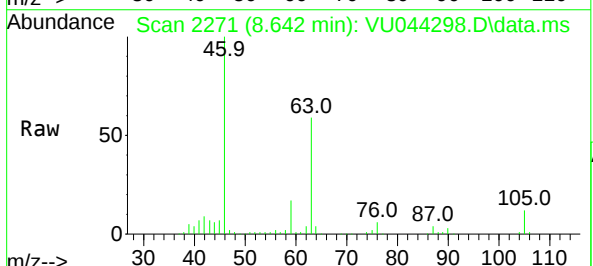
Ion Ratio Lower Upper

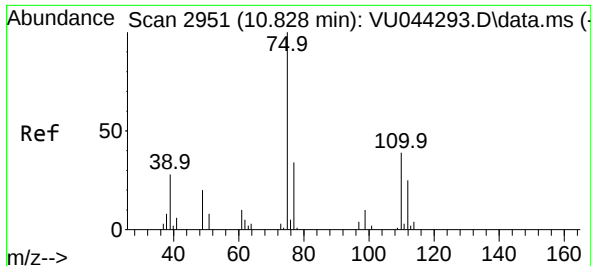
43 100

58 22.0 44.7 67.1#

57 19.0 15.7 23.5

100 0.0 9.8 14.8#

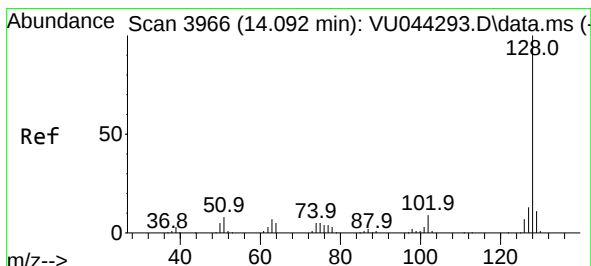
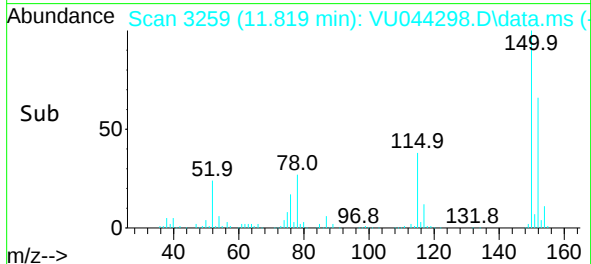
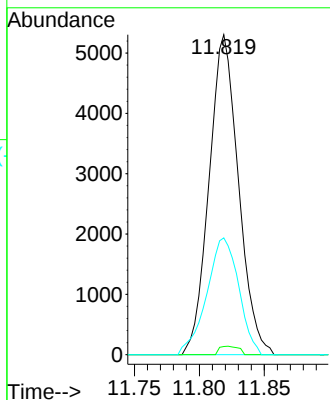
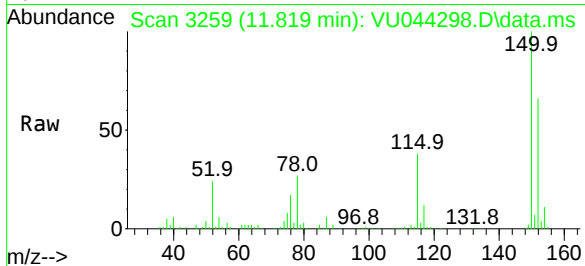




#61
1,2,3-Trichloropropane
Concen: 1.316 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU044298.D
Acq: 02 Jul 2021 12:55

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 8343
Ion Ratio Lower Upper
75 100
110 1.7 30.5 45.7#
77 39.6 26.1 39.1#



#71
Naphthalene
Concen: 0.113 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044298.D
Acq: 02 Jul 2021 12:55

Tgt Ion:128 Resp: 2535
Ion Ratio Lower Upper
128 100
129 9.6 8.9 13.3
127 13.3 10.3 15.5

