

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
 Data File : VU048345.D
 Acq On : 28 Apr 2022 16:48
 Operator : SY/MD
 Sample : N2587-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:31:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 29 04:27:14 2022
 Response via : Initial Calibration

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

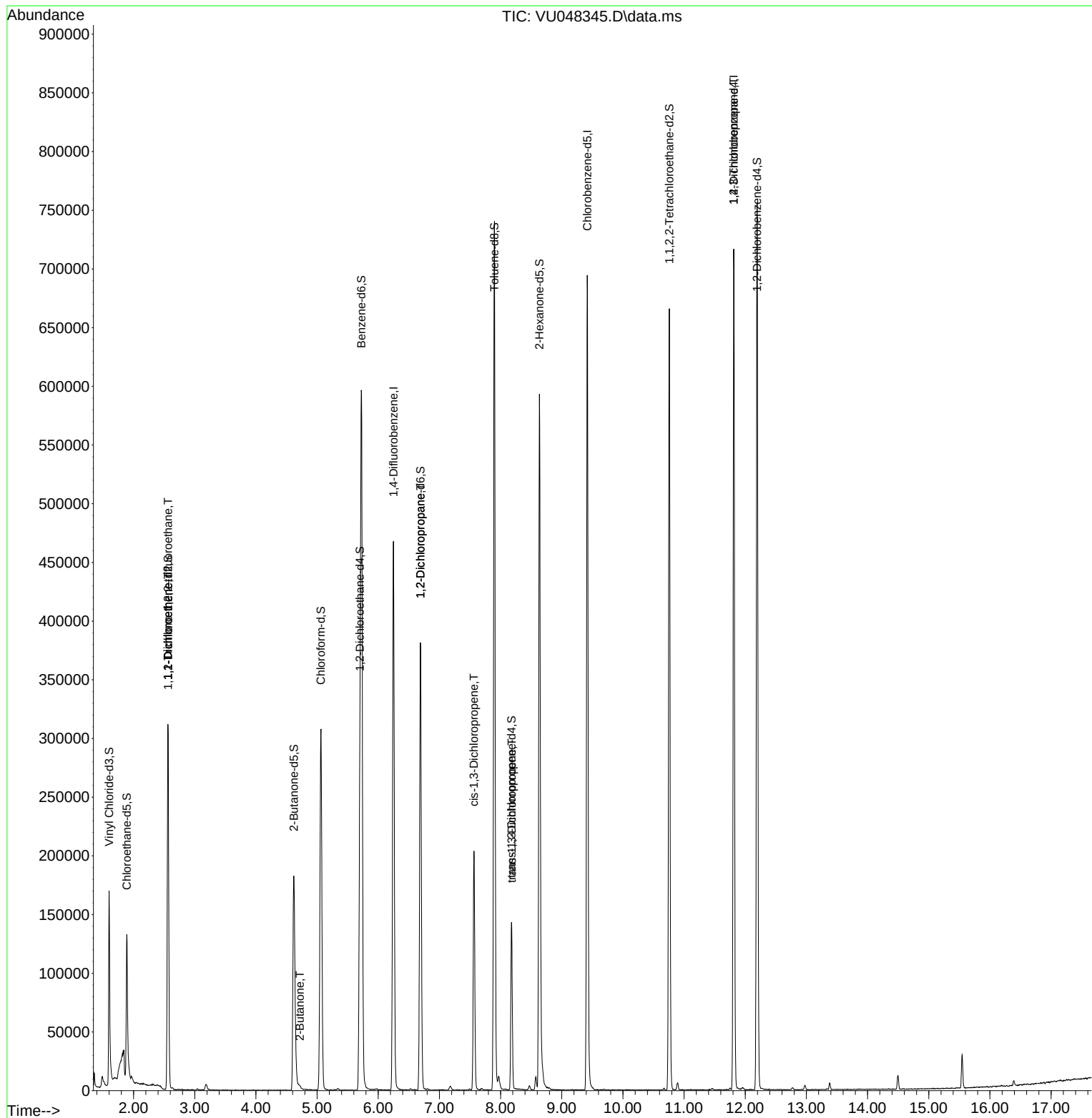
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	407581	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	415653	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	203407	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	131798	35.165	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.320%
7) Chloroethane-d5	1.890	69	110581	42.032	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.060%
11) 1,1-Dichloroethene-d2	2.562	63	179687	29.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.840%#
21) 2-Butanone-d5	4.620	46	271906	85.058	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.060%
24) Chloroform-d	5.063	84	273411	40.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.440%
26) 1,2-Dichloroethane-d4	5.700	65	176429	43.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.480%
32) Benzene-d6	5.726	84	569564	43.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.900%
36) 1,2-Dichloropropane-d6	6.690	67	188347	43.459	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.920%
41) Toluene-d8	7.899	98	507395	42.701	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.179	79	81996	42.877	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.760%
47) 2-Hexanone-d5	8.636	63	218043	93.251	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.250%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	328080	43.163	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.320%
66) 1,2-Dichlorobenzene-d4	12.195	152	218357	47.721	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.440%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1771	0.577	ug/L #	18
12) 1,1-Dichloroethene	2.562	96	1422	0.531	ug/L #	1
22) 2-Butanone	4.716	43	3911	1.289	ug/L	91
37) 1,2-Dichloropropane	6.690	63	18806	5.371	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	4616	0.938	ug/L #	64
44) trans-1,3-Dichloropropene	8.182	75	3466	0.721	ug/L	93
60) 1,2,3-Trichloropropane	11.812	75	20650	4.352	ug/L #	68

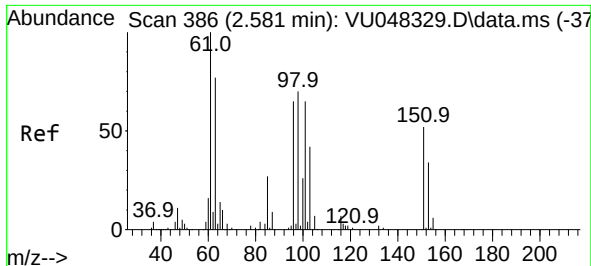
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 29 04:27:14 2022
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.577 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU048345.D

Acq: 28 Apr 2022 16:48

Instrument :

MSVOA_U

ClientSampleId :

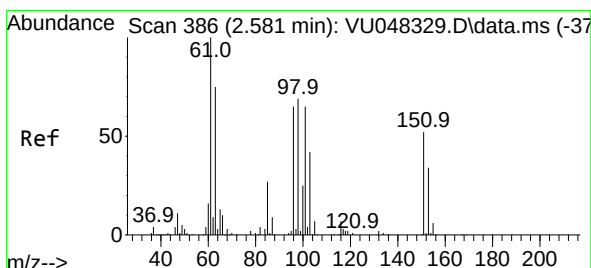
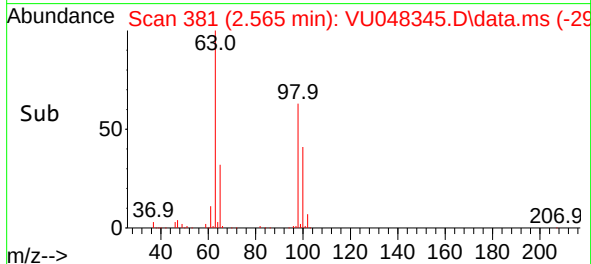
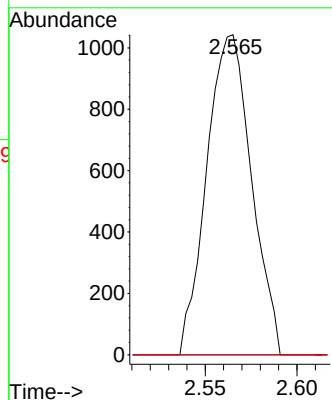
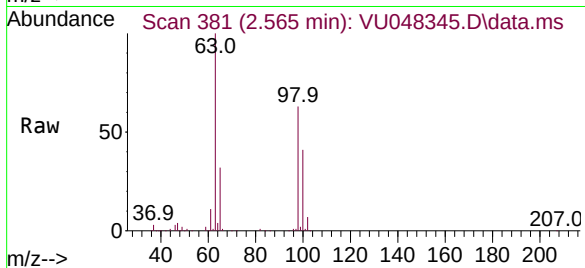
Tgt Ion:101 Resp: 1771

Ion Ratio Lower Upper

101 100

85 0.0 32.6 48.8#

151 0.0 64.1 96.1#



#12

1,1-Dichloroethene

Concen: 0.531 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.019 min

Lab File: VU048345.D

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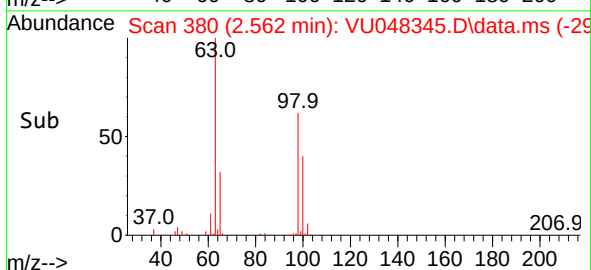
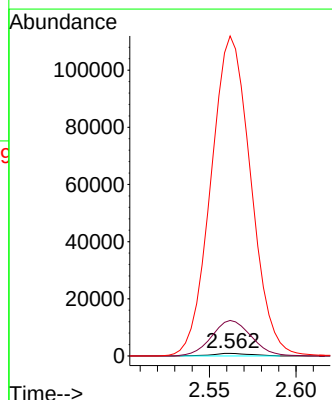
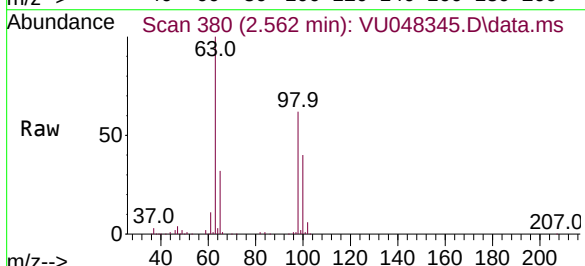
Tgt Ion: 96 Resp: 1422

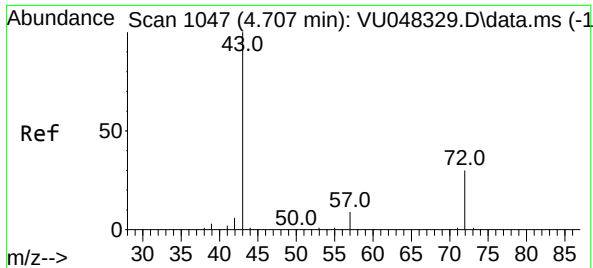
Ion Ratio Lower Upper

96 100

61 1350.0 107.9 200.3#

63 12169.6 80.3 149.1#

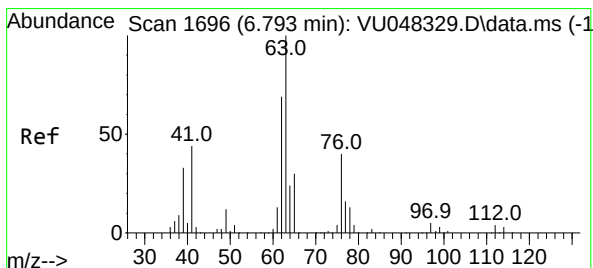
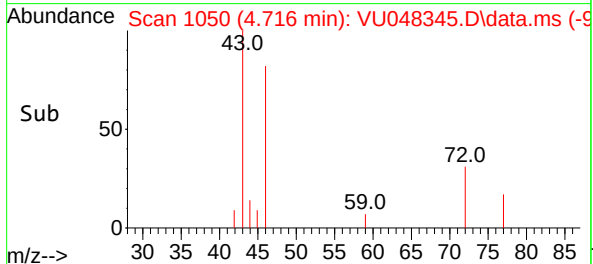
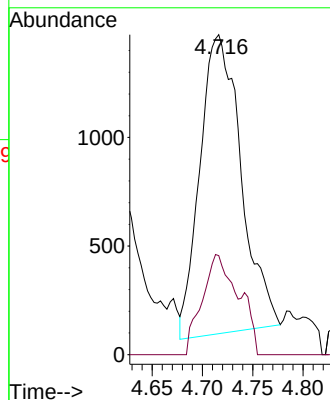
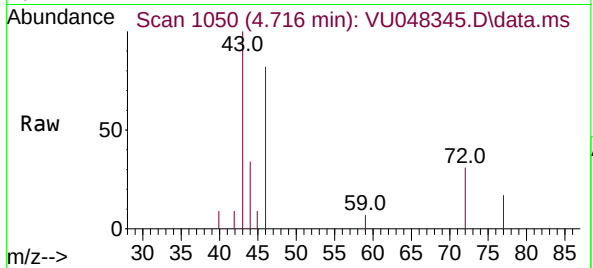




#22
2-Butanone
Concen: 1.289 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU048345.D
Acq: 28 Apr 2022 16:48

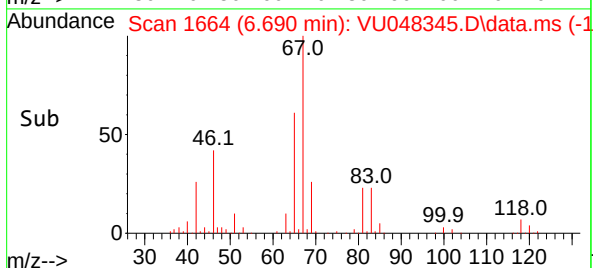
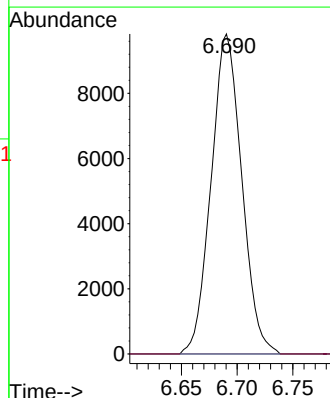
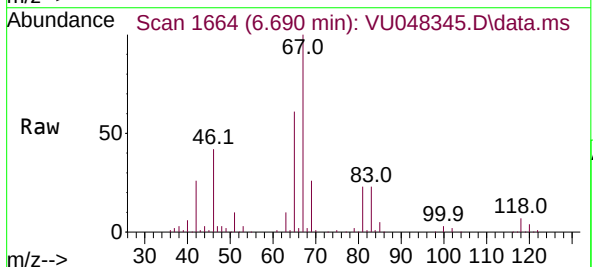
Instrument :
MSVOA_U
ClientSampleId :

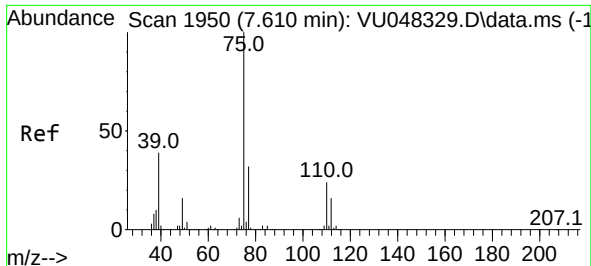
Tgt Ion: 43 Resp: 3911
Ion Ratio Lower Upper
43 100
72 24.3 14.6 43.8



#37
1,2-Dichloropropane
Concen: 5.371 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048345.D
Acq: 28 Apr 2022 16:48

Tgt Ion: 63 Resp: 18806
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.938 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU048345.D

Acq: 28 Apr 2022 16:48

Instrument :

MSVOA_U

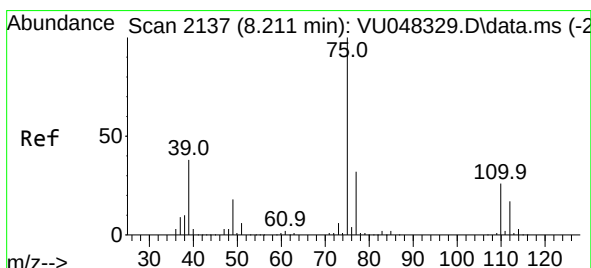
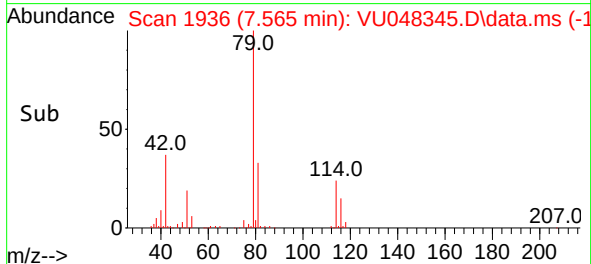
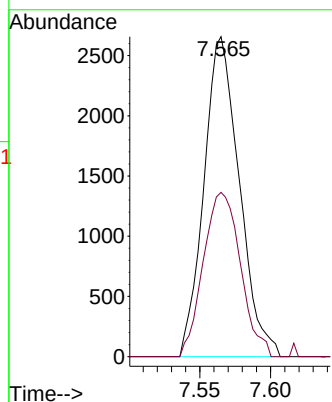
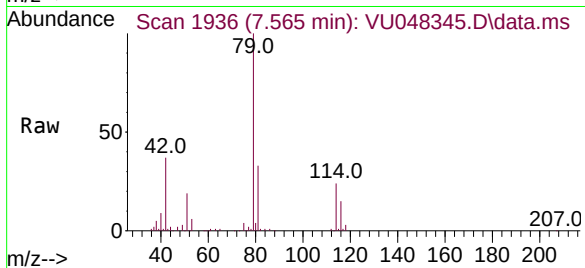
ClientSampleId :

Tgt Ion: 75 Resp: 4616

Ion Ratio Lower Upper

75 100

77 51.3 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.721 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU048345.D

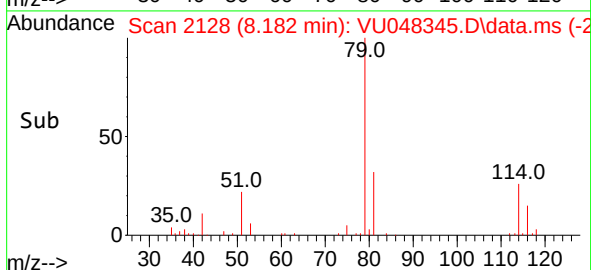
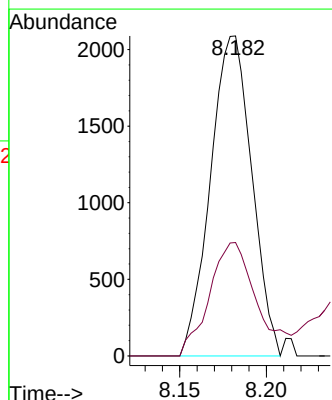
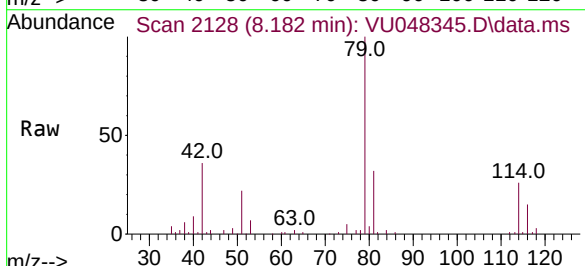
Acq: 28 Apr 2022 16:48

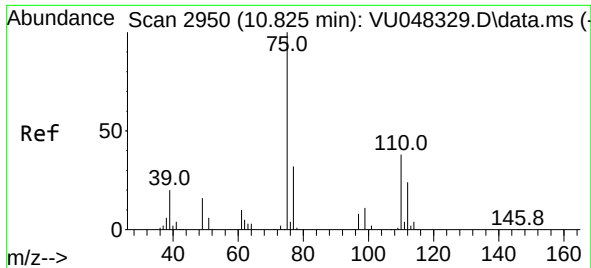
Tgt Ion: 75 Resp: 3466

Ion Ratio Lower Upper

75 100

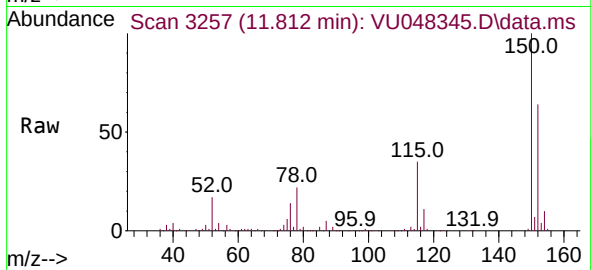
77 35.4 22.1 41.1





#60
 1,2,3-Trichloropropane
 Concen: 4.352 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU048345.D
 Acq: 28 Apr 2022 16:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 20650
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.8 38.8
 110 2.5 29.9 44.9#

