

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062022\
 Data File : VU049296.D
 Acq On : 20 Jun 2022 11:27
 Operator : SY/MD
 Sample : VU0620WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK144

Quant Time: Jun 21 01:09:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 21 01:08:31 2022
 Response via : Initial Calibration

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

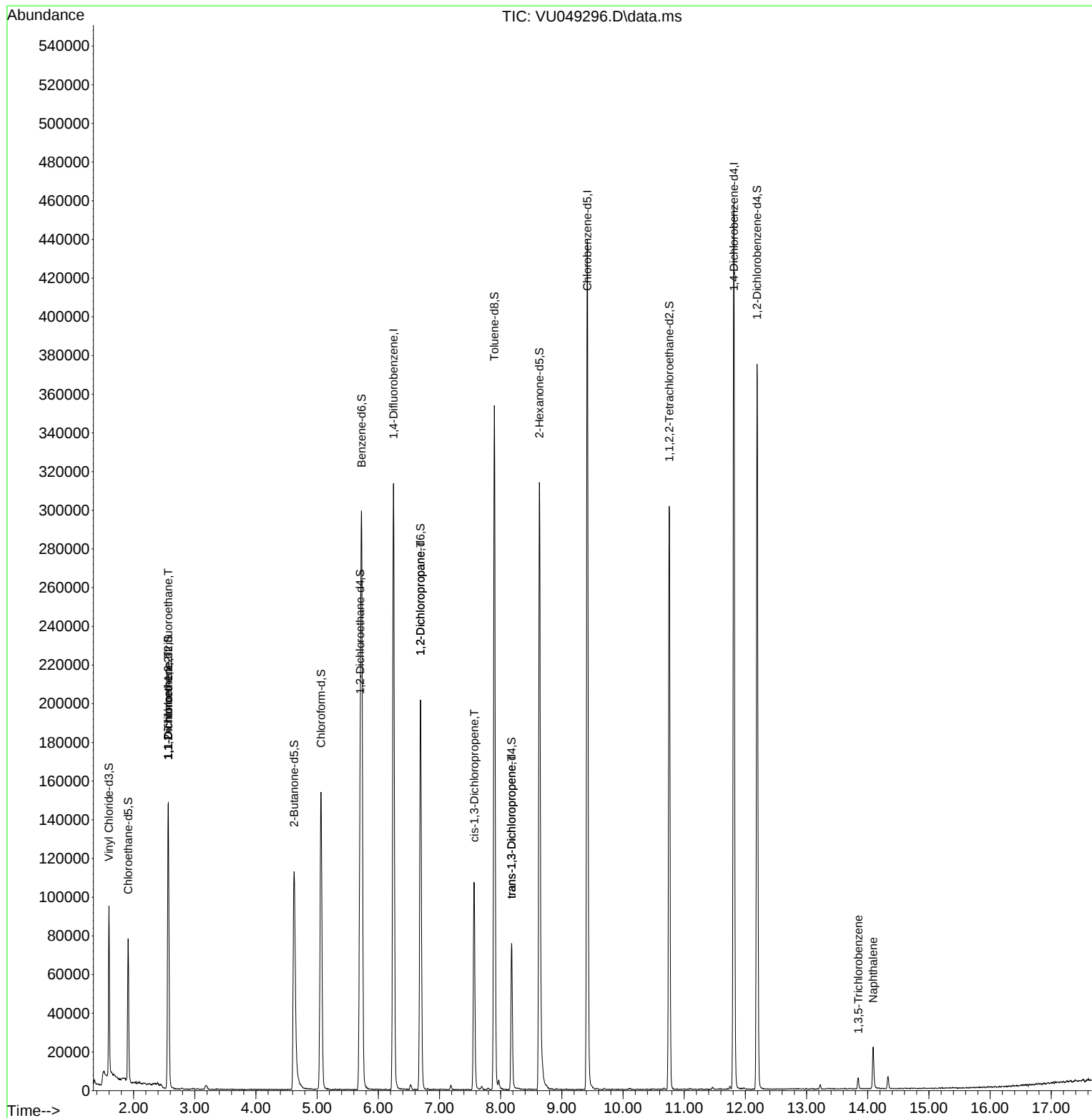
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	251151	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	236715	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	117906	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60389	39.031	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.060%
7) Chloroethane-d5	1.912	69	51594	45.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.840%
11) 1,1-Dichloroethene-d2	2.565	63	89351	30.605	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.200%
21) 2-Butanone-d5	4.623	46	181151	106.789	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.790%
24) Chloroform-d	5.063	84	142402	43.144	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.280%
26) 1,2-Dichloroethane-d4	5.703	65	94744	44.307	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.620%
32) Benzene-d6	5.726	84	267365	45.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.100%
36) 1,2-Dichloropropane-d6	6.690	67	97641	49.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.960%
41) Toluene-d8	7.896	98	232505	44.914	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.820%
43) trans-1,3-Dichloroprop...	8.179	79	42770	46.072	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.140%
47) 2-Hexanone-d5	8.632	63	108620	105.175	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.180%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	151615	46.003	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	93914	45.778	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.560%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	700	0.396	ug/L #	19
12) 1,1-Dichloroethene	2.568	96	623	0.402	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	10811	4.999	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2617	0.822	ug/L #	54
44) trans-1,3-Dichloropropene	8.179	75	2037	0.646	ug/L #	71
69) 1,3,5-Trichlorobenzene	13.844	180	2064	0.735	ug/L	92
71) Naphthalene	14.089	128	18105	2.156	ug/L	100

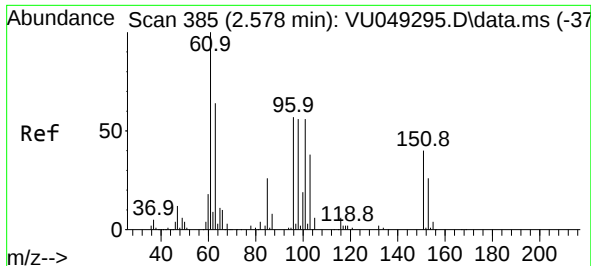
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 21 01:08:31 2022
Response via : Initial Calibration





#10

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

Concen: 0.396 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU049296.D

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Instrument :

MSVOA_U

ClientSampleId :

VBLK144

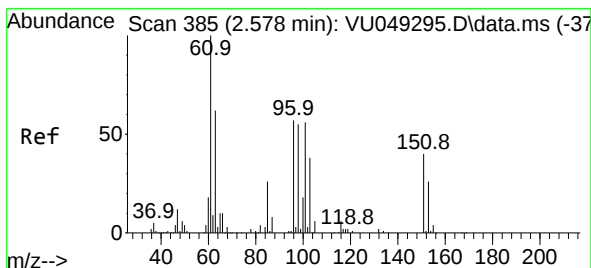
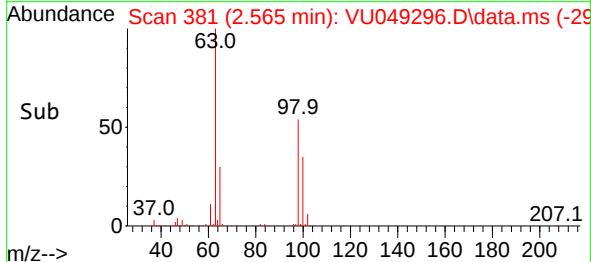
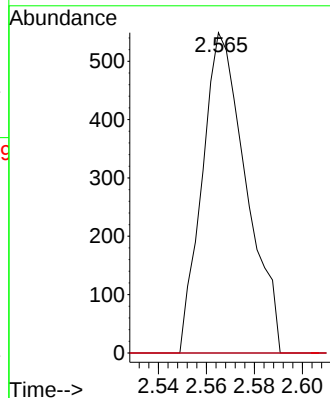
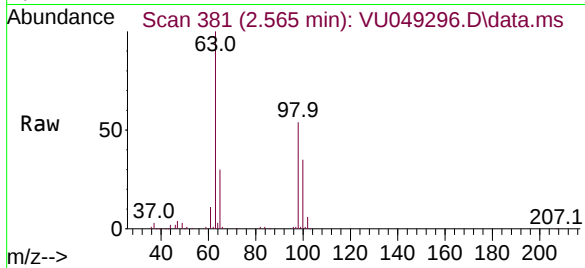
Tgt Ion:101 Resp: 700

Ion Ratio Lower Upper

101 100

85 0.0 35.2 52.8#

151 0.0 61.4 92.2#



#12

1,1-Dichloroethene

Concen: 0.402 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU049296.D

Acq: 20 Jun 2022 11:27

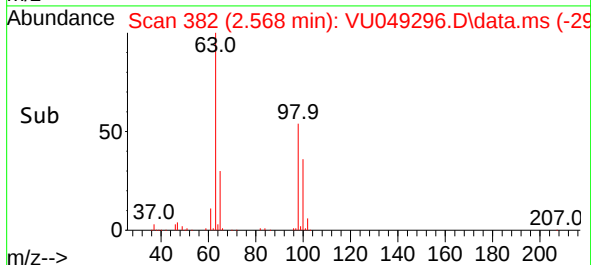
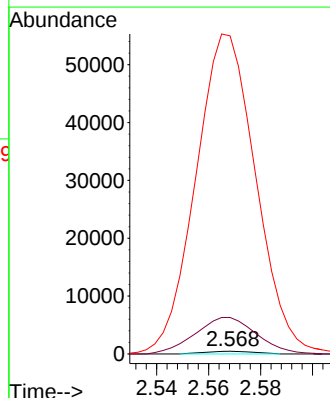
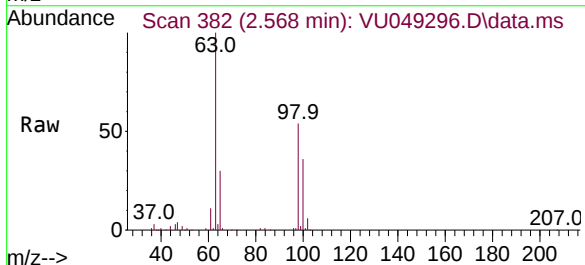
Tgt Ion: 96 Resp: 623

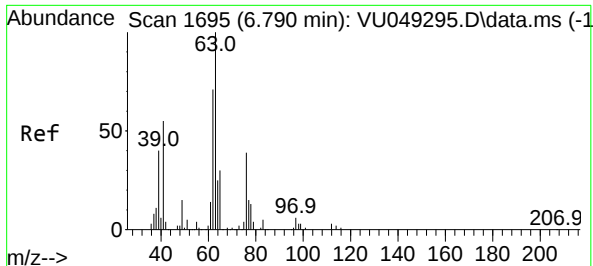
Ion Ratio Lower Upper

96 100

61 1363.1 123.5 229.3#

63 11872.1 86.0 159.8#

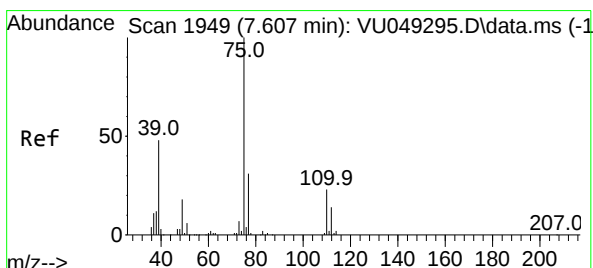
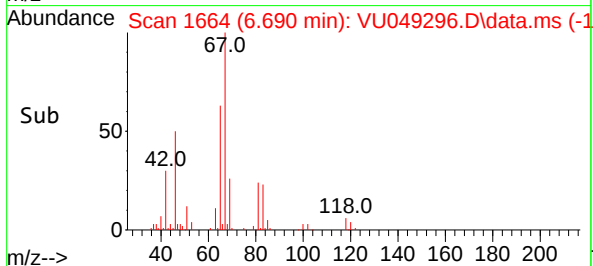
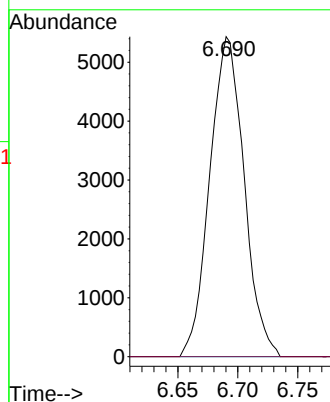
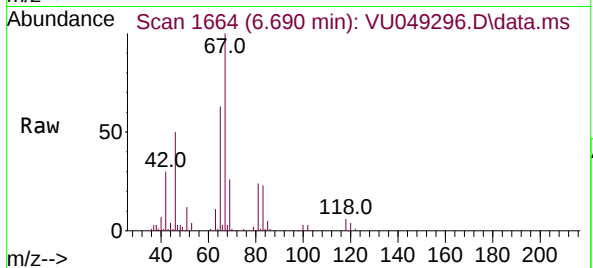




#37
1,2-Dichloropropane
Concen: 4.999 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU049296.D
Acq: 20 Jun 2022 11:27

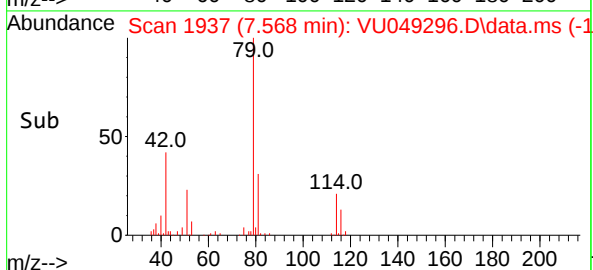
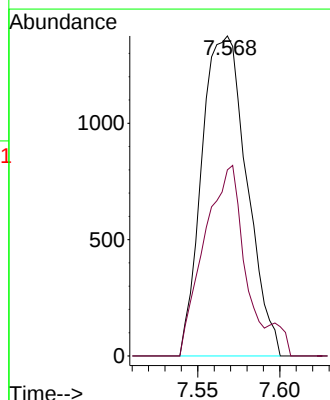
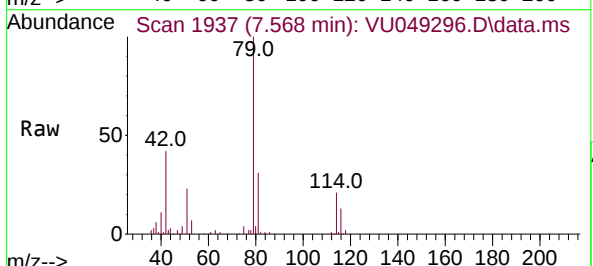
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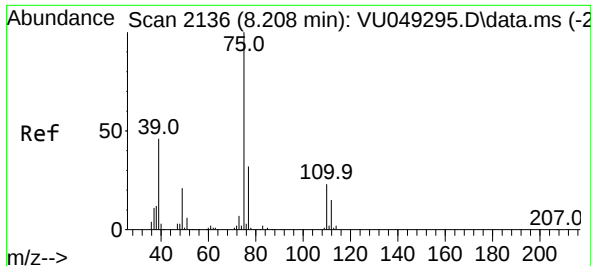
Tgt Ion: 63 Resp: 10811
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.822 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.039 min
Lab File: VU049296.D
Acq: 20 Jun 2022 11:27

Tgt Ion: 75 Resp: 2617
Ion Ratio Lower Upper
75 100
77 58.2 22.6 42.0#

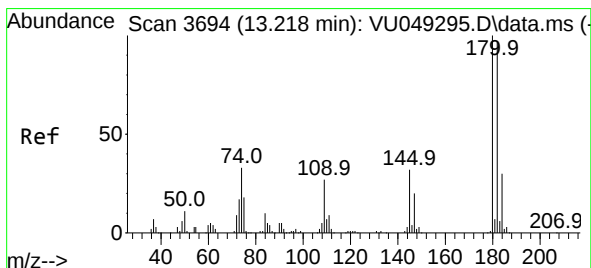
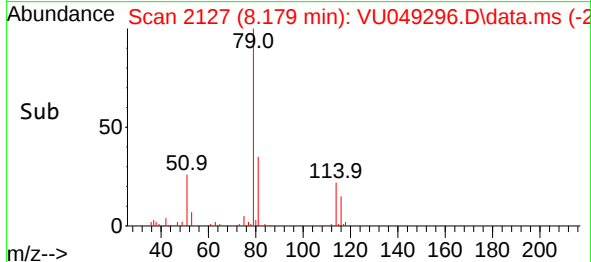
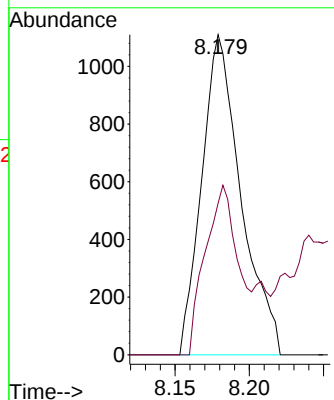
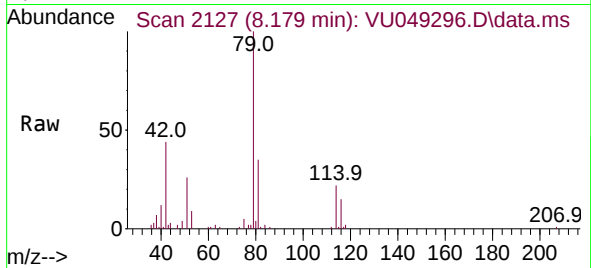




#44
trans-1,3-Dichloropropene
Concen: 0.646 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU049296.D
Acq: 20 Jun 2022 11:27

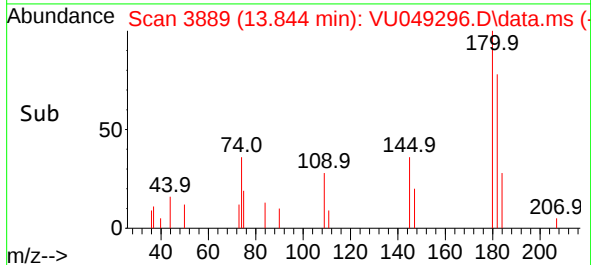
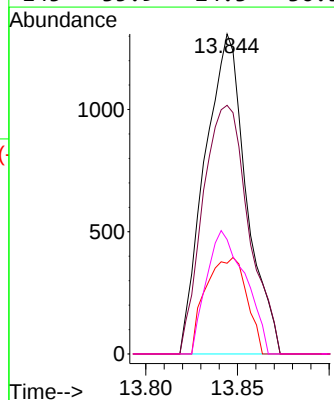
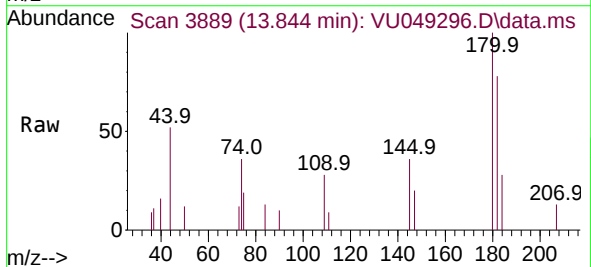
Instrument :
MSVOA_U
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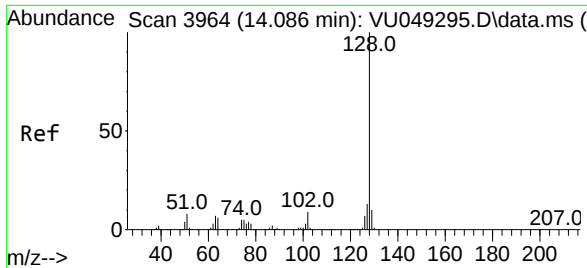
Tgt Ion: 75 Resp: 2037
Ion Ratio Lower Upper
75 100
77 47.4 21.9 40.7#



#69
1,3,5-Trichlorobenzene
Concen: 0.735 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.627 min
Lab File: VU049296.D
Acq: 20 Jun 2022 11:27

Tgt Ion: 180 Resp: 2064
Ion Ratio Lower Upper
180 100
182 85.4 76.0 114.0
184 29.6 24.5 36.7
145 35.9 24.3 36.5





#71
Naphthalene
Concen: 2.156 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU049296.D
Acq: 20 Jun 2022 11:27

Instrument :
MSVOA_U
ClientSampleId :
VBLK144

Tgt Ion:	128	Resp:	18105
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	10.6	8.6	12.8

