

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062022\
 Data File : VU049301.D
 Acq On : 20 Jun 2022 13:28
 Operator : SY/MD
 Sample : N3395-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0157

Quant Time: Jun 21 01:10:48 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)

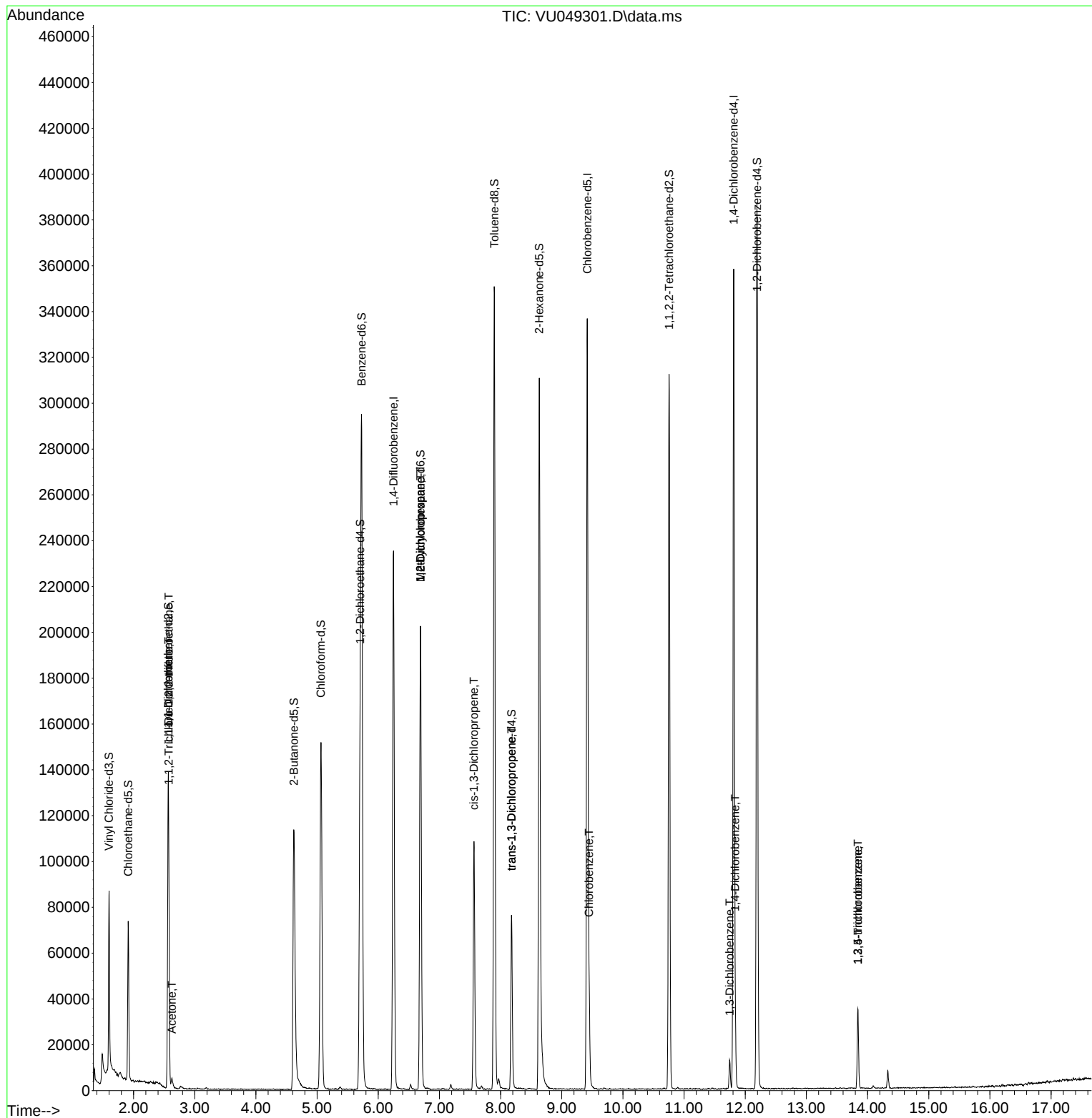
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	185329	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	181089	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90917	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53539	46.894	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.780%
7) Chloroethane-d5	1.912	69	47497	56.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.320%
11) 1,1-Dichloroethene-d2	2.568	63	81512	37.836	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.680%
21) 2-Butanone-d5	4.620	46	175714	140.373	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	140.370%#
24) Chloroform-d	5.063	84	140838	57.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.660%
26) 1,2-Dichloroethane-d4	5.703	65	94602	59.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.900%
32) Benzene-d6	5.729	84	262205	58.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.780%
36) 1,2-Dichloropropane-d6	6.690	67	97482	64.576	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	129.160%#
41) Toluene-d8	7.899	98	226867	57.287	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.580%
43) trans-1,3-Dichloroprop...	8.179	79	41592	58.566	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.140%
47) 2-Hexanone-d5	8.632	63	105118	133.050	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	133.050%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	157132	62.322	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	124.640%#
66) 1,2-Dichlorobenzene-d4	12.192	152	98409	62.209	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	124.420%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	617	0.473	ug/L #	19
12) 1,1-Dichloroethene	2.571	96	621	0.543	ug/L #	1
13) Acetone	2.626	43	5617	5.703	ug/L	94
35) Methylcyclohexane	6.690	83	22552	10.925	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10348	6.255	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2655	1.091	ug/L #	72
44) trans-1,3-Dichloropropene	8.179	75	1870	0.776	ug/L	91
51) Chlorobenzene	9.446	112	19994	4.878	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	5000	1.650	ug/L	91
65) 1,4-Dichlorobenzene	11.835	146	8441	2.752	ug/L	90
69) 1,3,5-Trichlorobenzene	13.841	180	11031	5.097	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	11031	6.028	ug/L	97

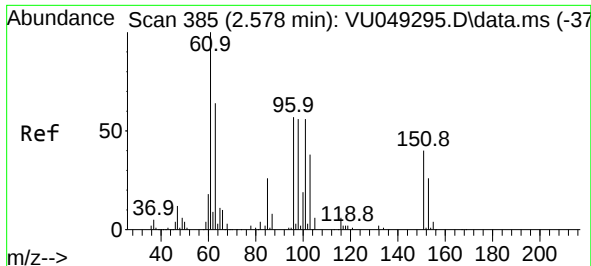
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.473 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.004 min

Lab File: VU049301.D

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Instrument :

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ClientSampleId :

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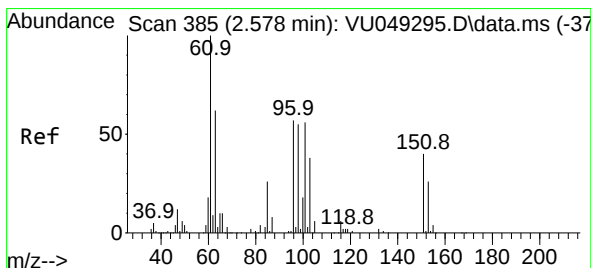
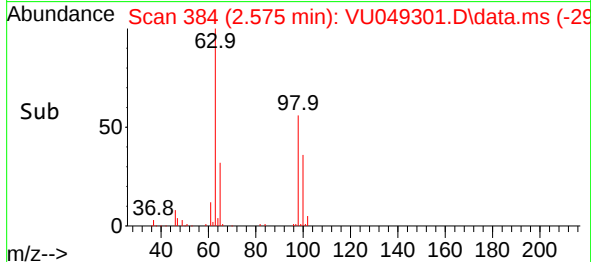
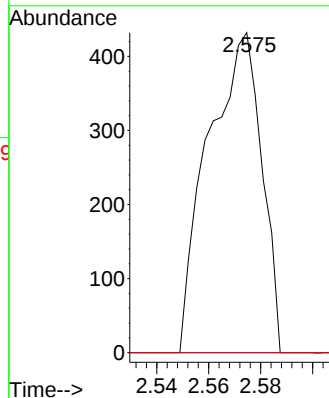
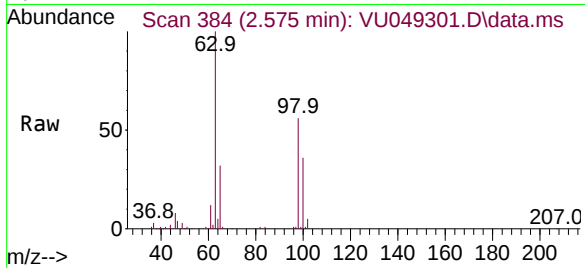
Tgt Ion:101 Resp: 617

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: 0.543 ug/L

RT: 2.571 min Scan# 383

Delta R.T. -0.007 min

Lab File: VU049301.D

Acq: 20 Jun 2022 13:28

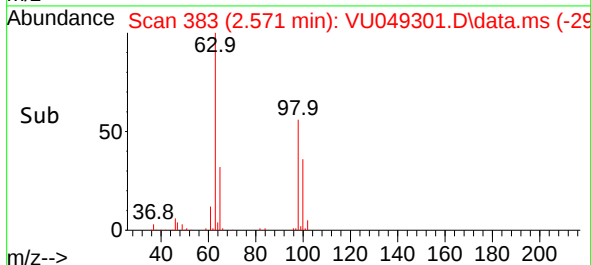
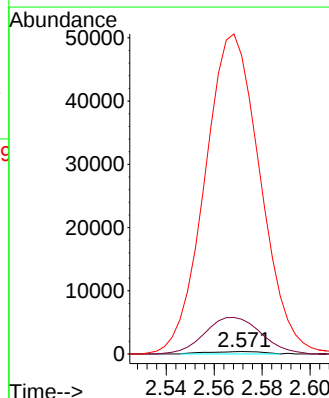
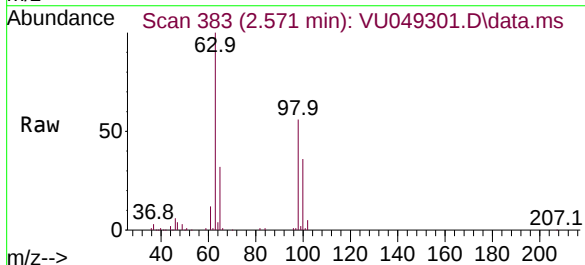
Tgt Ion: 96 Resp: 621

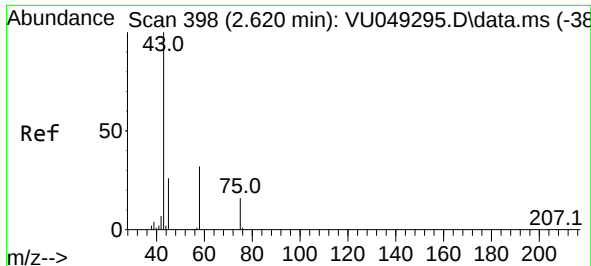
Ion Ratio Lower Upper

96 100

61 1456.2 123.5 229.3#

63 12524.1 86.0 159.8#





#13

Acetone

Concen: 5.703 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.006 min

Lab File: VU049301.D

Acq: 20 Jun 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

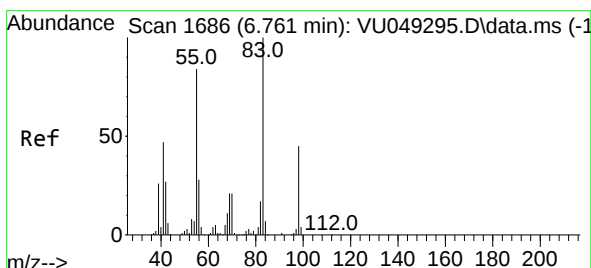
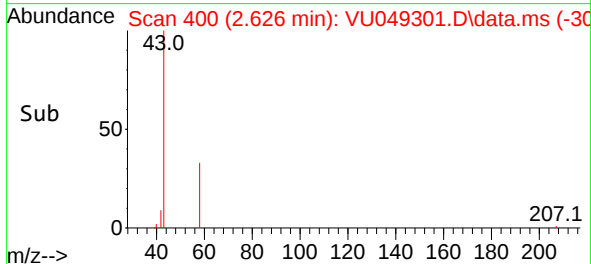
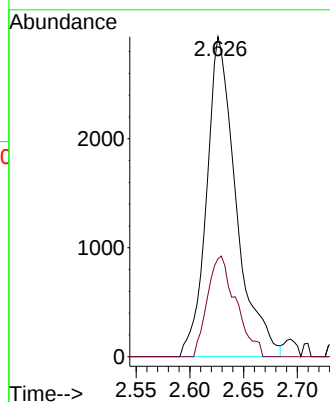
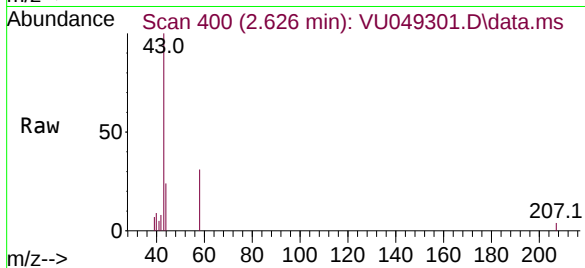
C0157

Tgt Ion: 43 Resp: 5617

Ion Ratio Lower Upper

43 100

58 29.5 0.0 66.4



#35

Methylcyclohexane

Concen: 10.925 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU049301.D

Acq: 20 Jun 2022 13:28

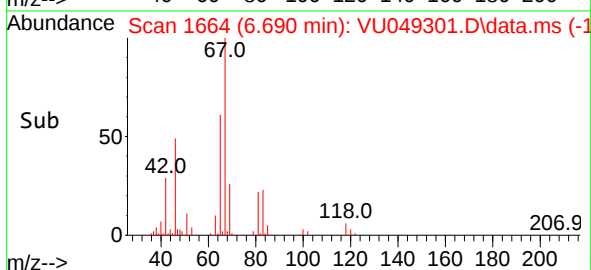
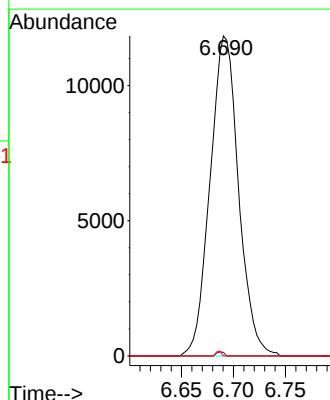
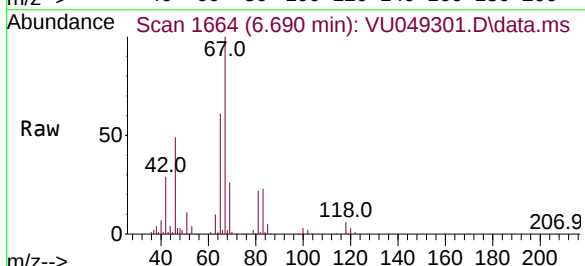
Tgt Ion: 83 Resp: 22552

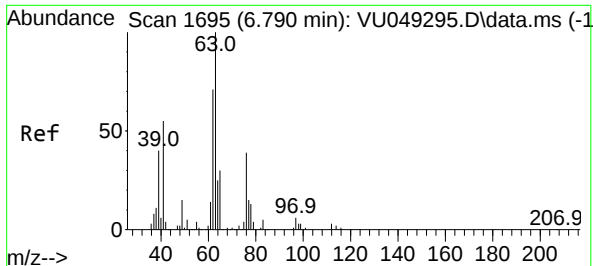
Ion Ratio Lower Upper

83 100

55 0.3 61.0 91.6#

98 0.3 36.8 55.2#





#37

1,2-Dichloropropane

Concen: 6.255 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049301.D

Acq: 20 Jun 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

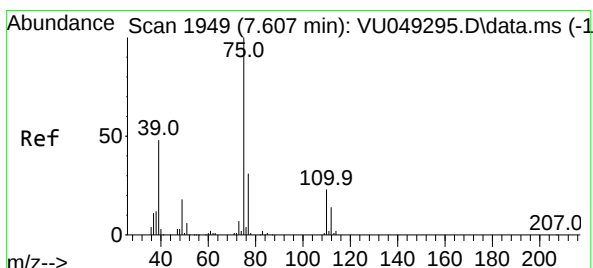
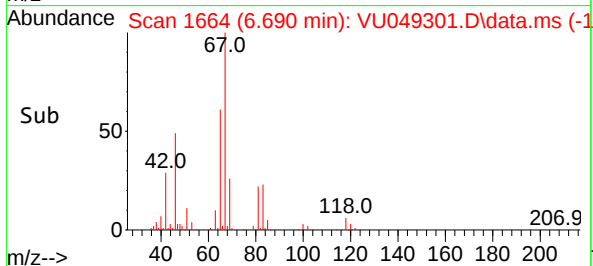
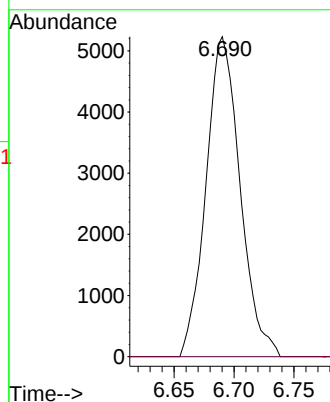
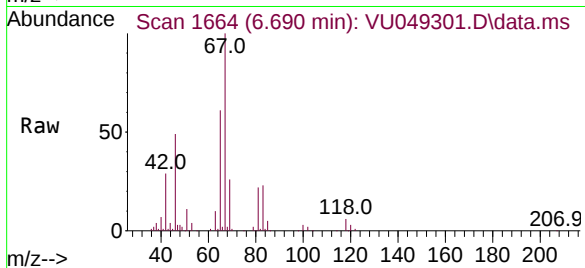
C0157

Tgt Ion: 63 Resp: 10348

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 1.091 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU049301.D

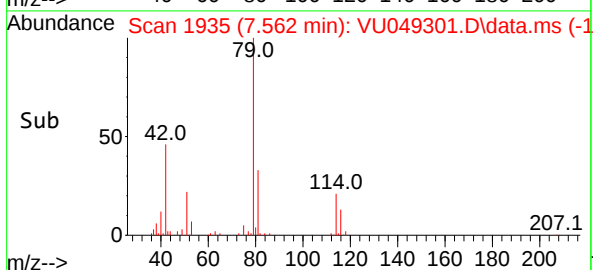
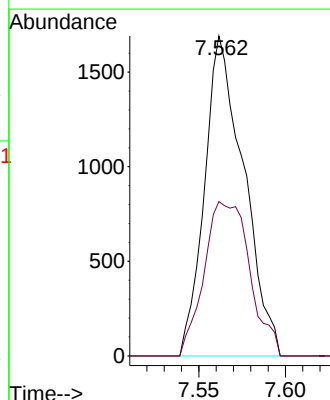
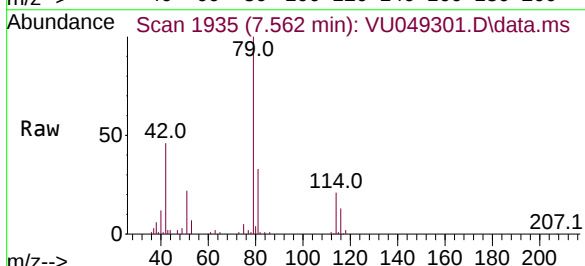
Acq: 20 Jun 2022 13:28

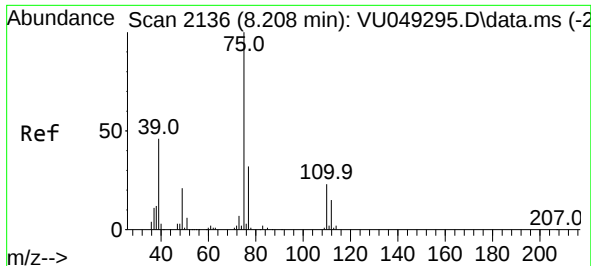
Tgt Ion: 75 Resp: 2655

Ion Ratio Lower Upper

75 100

77 48.3 22.6 42.0#

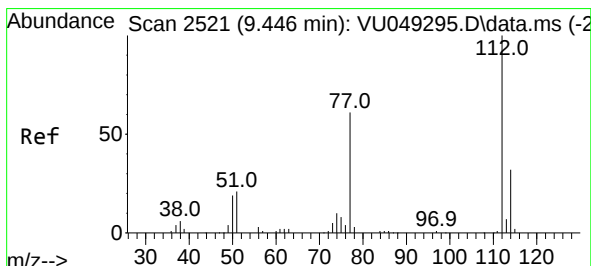
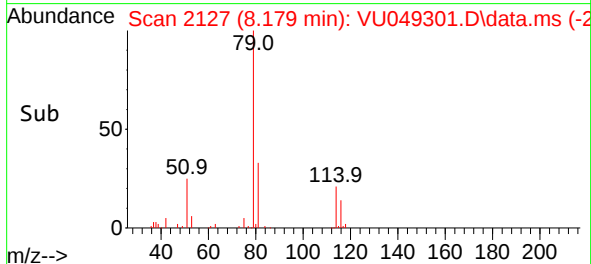
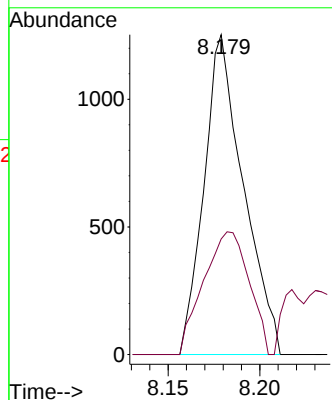
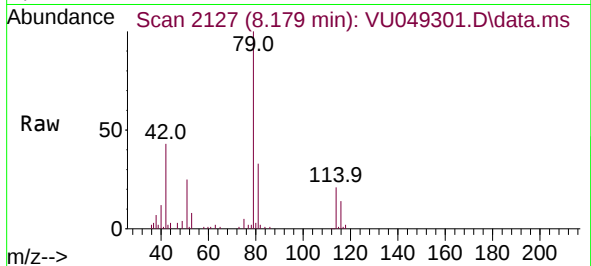




#44
trans-1,3-Dichloropropene
Concen: 0.776 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU049301.D
Acq: 20 Jun 2022 13:28

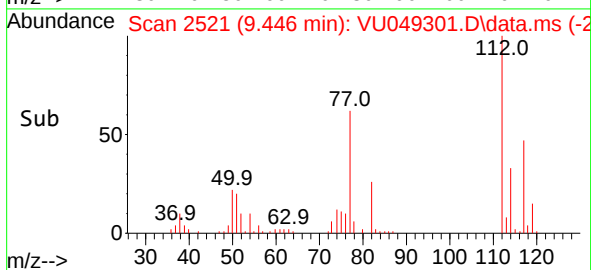
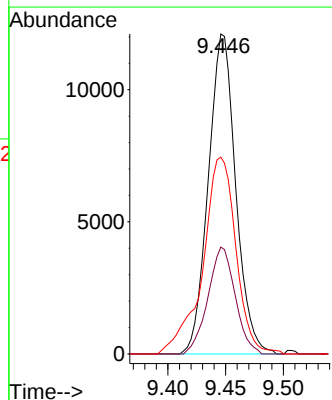
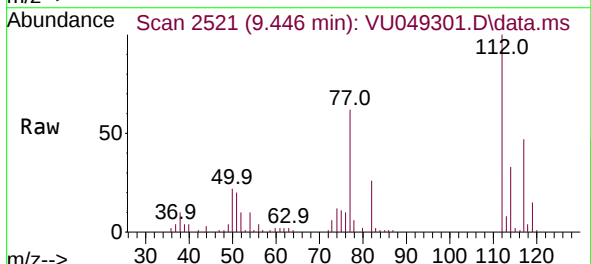
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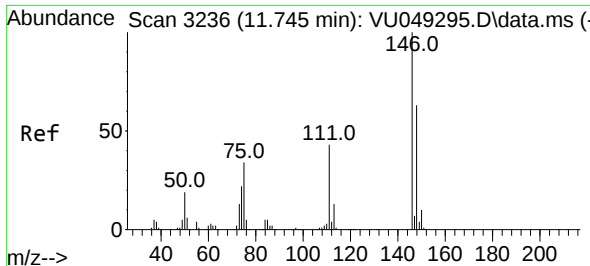
Tgt Ion: 75 Resp: 1870
Ion Ratio Lower Upper
75 100
77 36.2 21.9 40.7



#51
Chlorobenzene
Concen: 4.878 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU049301.D
Acq: 20 Jun 2022 13:28

Tgt Ion: 112 Resp: 19994
Ion Ratio Lower Upper
112 100
114 33.4 22.3 41.3
77 61.5 47.1 70.7

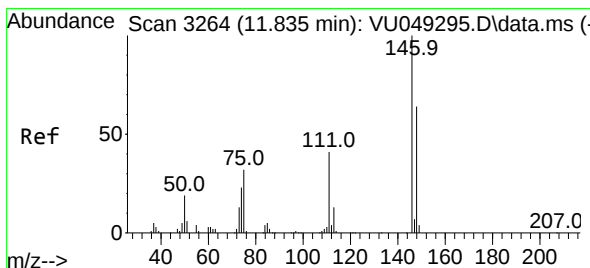
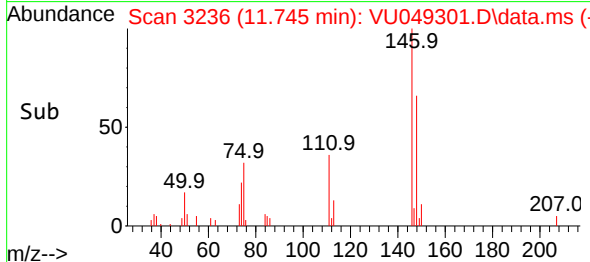
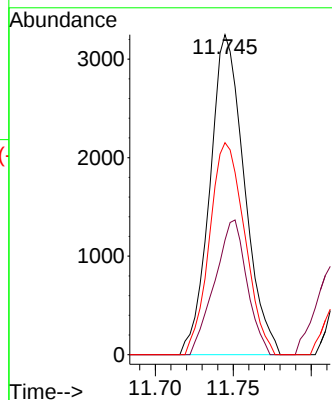
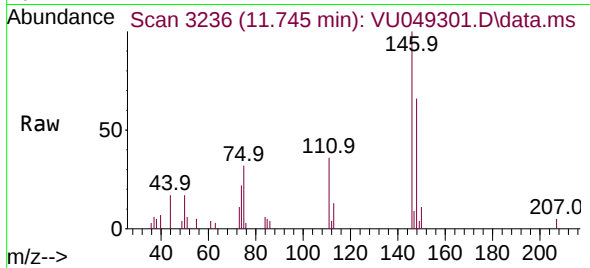




#64
1,3-Dichlorobenzene
Concen: 1.650 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049301.D
Acq: 20 Jun 2022 13:28

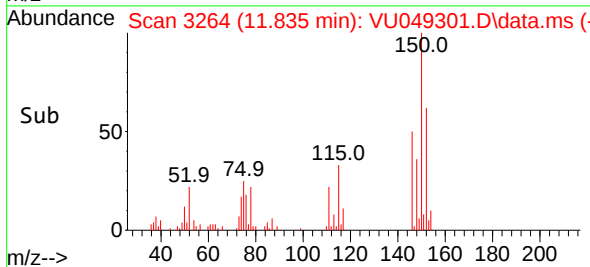
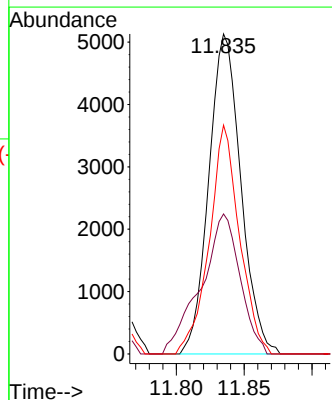
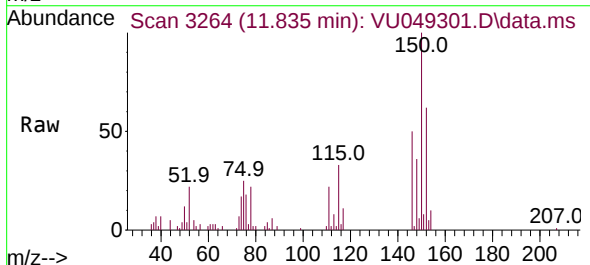
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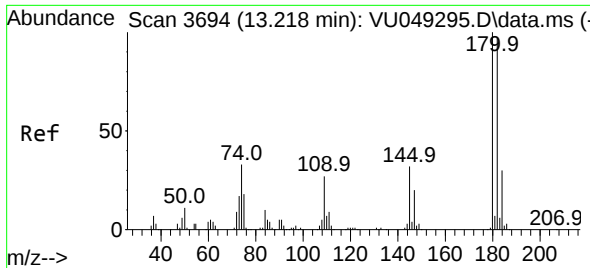
Tgt Ion:146 Resp: 5000
Ion Ratio Lower Upper
146 100
111 33.0 29.8 55.3
148 61.0 45.8 85.0



#65
1,4-Dichlorobenzene
Concen: 2.752 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU049301.D
Acq: 20 Jun 2022 13:28

Tgt Ion:146 Resp: 8441
Ion Ratio Lower Upper
146 100
111 47.3 28.1 52.1
148 71.5 44.9 83.3

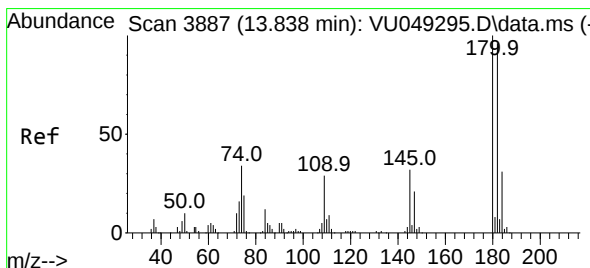
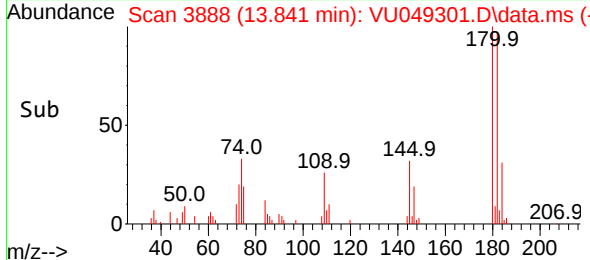
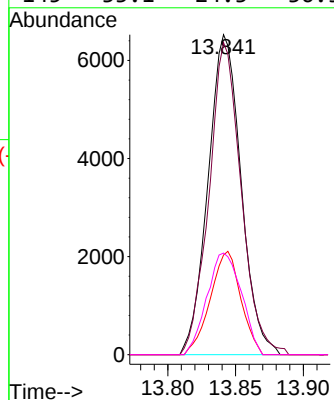
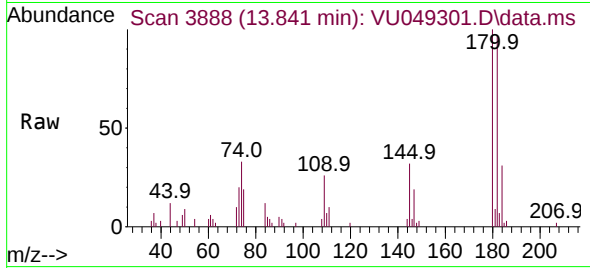




#69
 1,3,5-Trichlorobenzene
 Concen: 5.097 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.623 min
 Lab File: VU049301.D
 Acq: 20 Jun 2022 13:28

Instrument :
 MSVOA_U
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Tgt Ion:180	Resp:	11031
Ion Ratio	Lower	Upper
180	100	
182	94.7	76.0 114.0
184	29.9	24.5 36.7
145	33.1	24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 6.028 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU049301.D
 Acq: 20 Jun 2022 13:28

Tgt Ion:180	Resp:	11031
Ion Ratio	Lower	Upper
180	100	
182	94.7	78.2 117.2
145	33.1	25.0 37.4

