

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047709.D
 Acq On : 26 Mar 2022 15:19
 Operator : SY/MD
 Sample : N2081-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X4

Quant Time: Mar 28 05:09:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

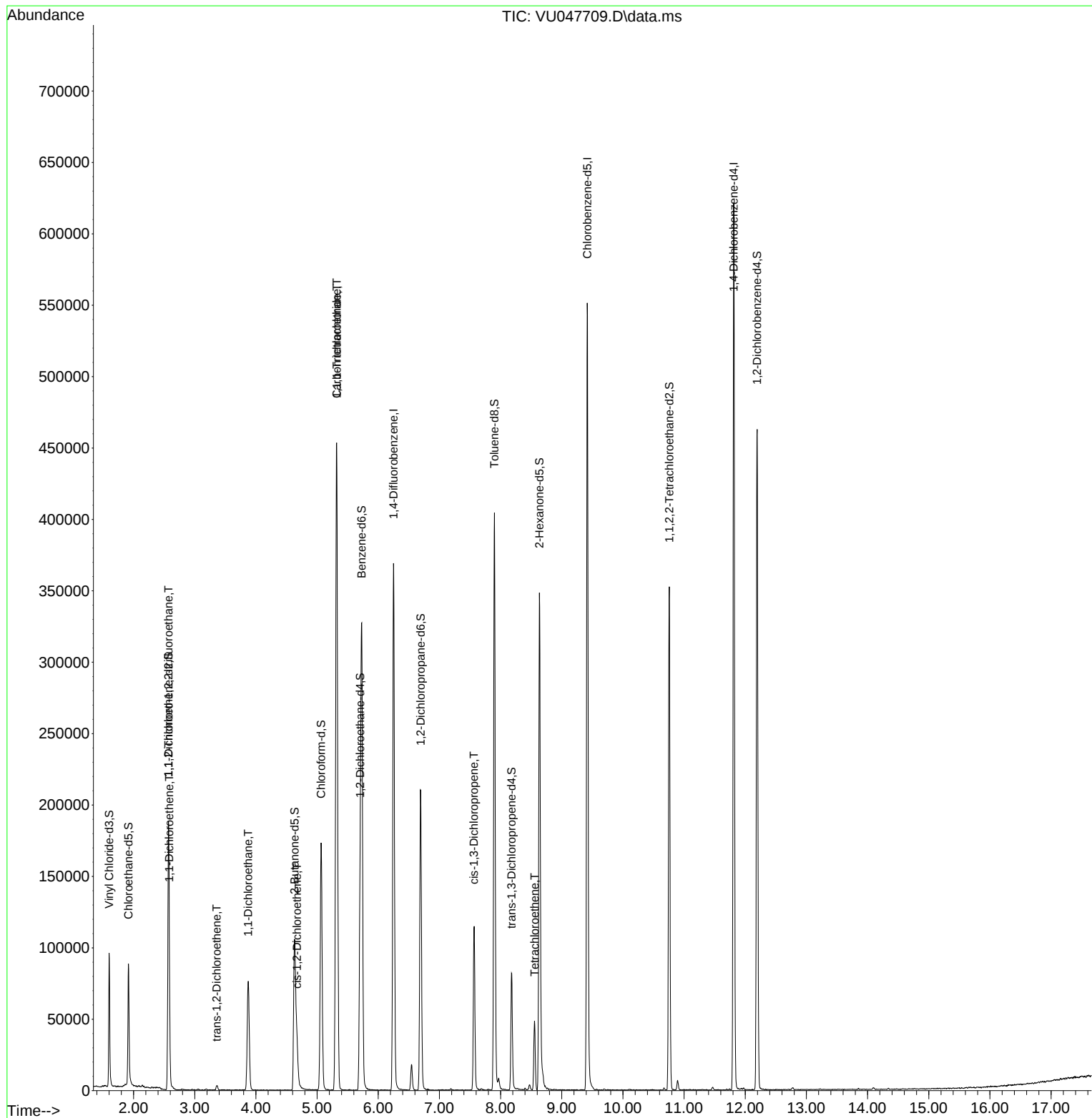
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	311552	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	324927	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	170191	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	68209	30.191	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	60.380%		
7) Chloroethane-d5	1.915	69	64450	36.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	72.360%		
11) 1,1-Dichloroethene-d2	2.571	63	105559	25.537	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	51.080%#		
21) 2-Butanone-d5	4.632	46	167677	86.468	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.470%		
24) Chloroform-d	5.066	84	158423	38.323	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.640%		
26) 1,2-Dichloroethane-d4	5.703	65	99858	39.386	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.780%		
32) Benzene-d6	5.729	84	303998	37.181	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.360%		
36) 1,2-Dichloropropane-d6	6.693	67	101185	40.298	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.600%		
41) Toluene-d8	7.899	98	276029	34.651	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	69.300%#		
43) trans-1,3-Dichloroprop...	8.179	79	46635	36.660	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.320%		
47) 2-Hexanone-d5	8.635	63	122661	83.448	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.450%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	170140	39.483	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.960%		
66) 1,2-Dichlorobenzene-d4	12.195	152	129606	42.804	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.600%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1083	0.472	ug/L #	18
12) 1,1-Dichloroethene	2.584	96	9857	4.612	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	1173	0.509	ug/L	83
19) 1,1-Dichloroethane	3.874	63	86863	21.850	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	11504	4.552	ug/L	95
30) 1,1,1-Trichloroethane	5.320	97	327064	88.771	ug/L	99
31) Carbon tetrachloride	5.320	117	44575	13.398	ug/L	99
39) cis-1,3-Dichloropropene	7.565	75	2697	0.727	ug/L #	64
46) Tetrachloroethene	8.555	164	11737	5.297	ug/L	96

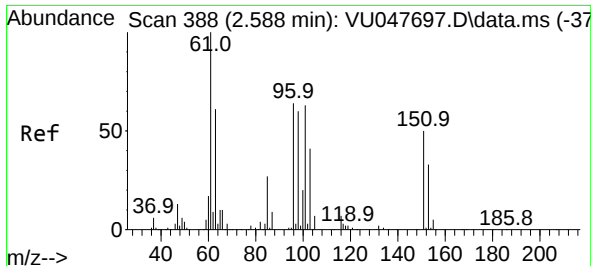
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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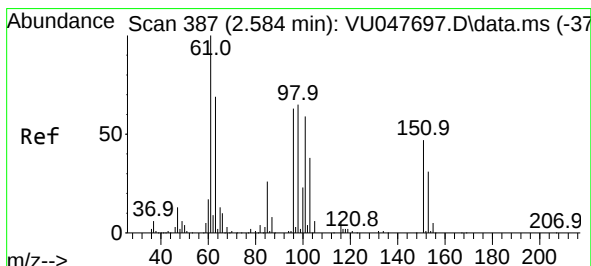
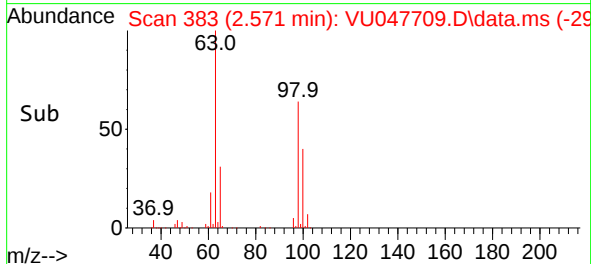
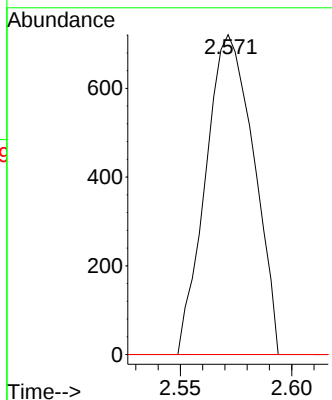
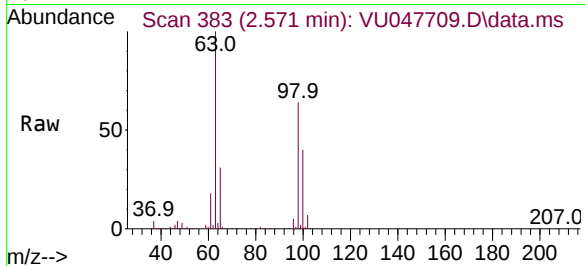




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.472 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU047709.D
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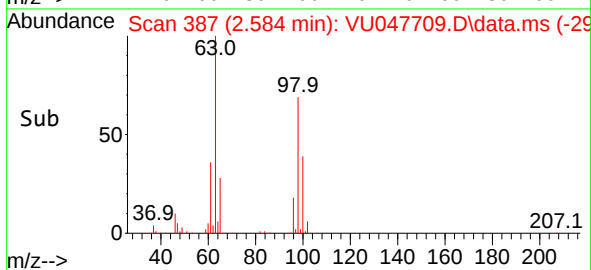
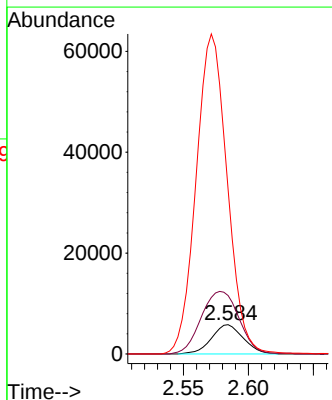
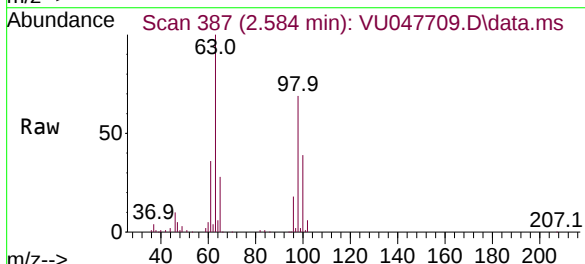
Instrument :
MSVOA_U
ClientSampleId :
EW5X4

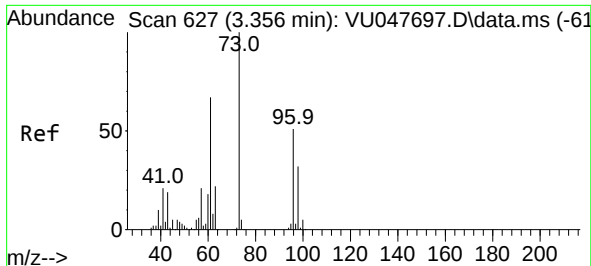
Tgt Ion:101 Resp: 1083
Ion Ratio Lower Upper
101 100
85 0.0 32.8 49.2#
151 0.0 63.0 94.6#



#12
1,1-Dichloroethene
Concen: 4.612 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047709.D
Acq: 26 Mar 2022 15:19

Tgt Ion: 96 Resp: 9857
Ion Ratio Lower Upper
96 100
61 199.8 113.1 210.1
63 561.9 94.8 176.0#





#17

trans-1,2-Dichloroethene

Concen: 0.509 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU047709.D

Acq: 26 Mar 2022 15:19

Instrument :

MSVOA_U

ClientSampleId :

EW5X4

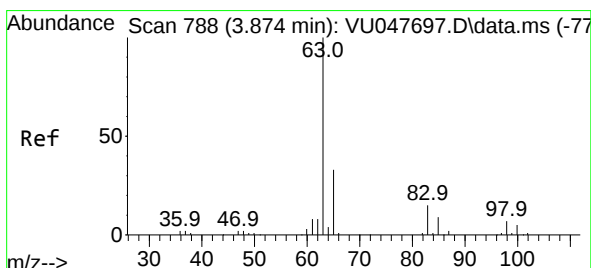
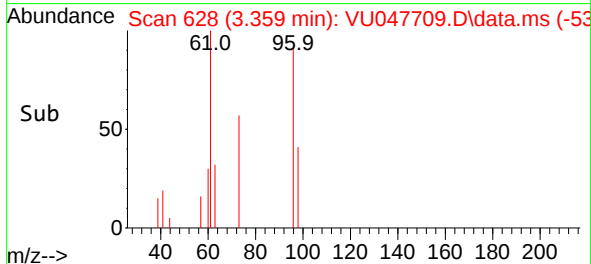
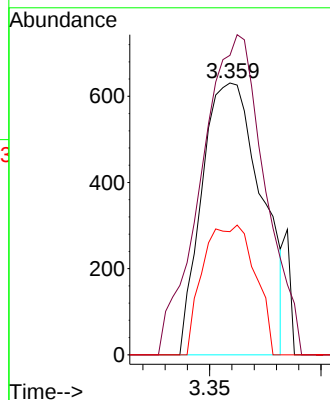
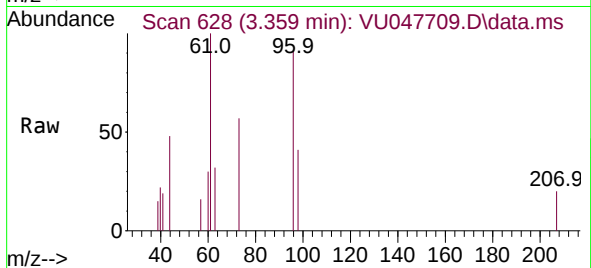
Tgt Ion: 96 Resp: 1173

Ion Ratio Lower Upper

96 100

61 110.1 88.4 164.2

98 45.3 43.3 80.5



#19

1,1-Dichloroethane

Concen: 21.850 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047709.D

Acq: 26 Mar 2022 15:19

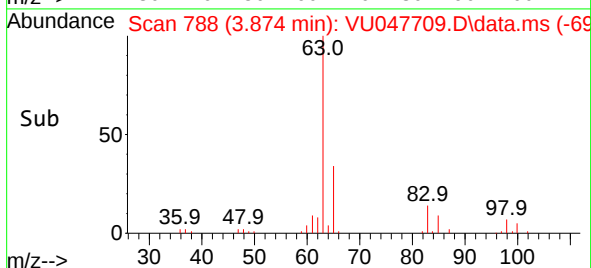
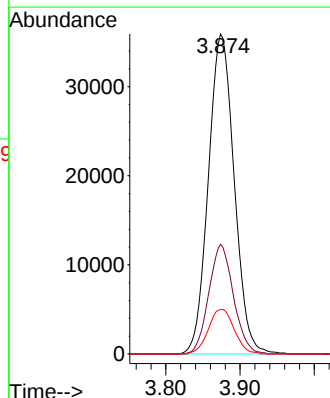
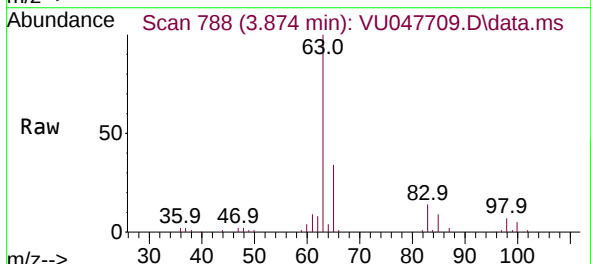
Tgt Ion: 63 Resp: 86863

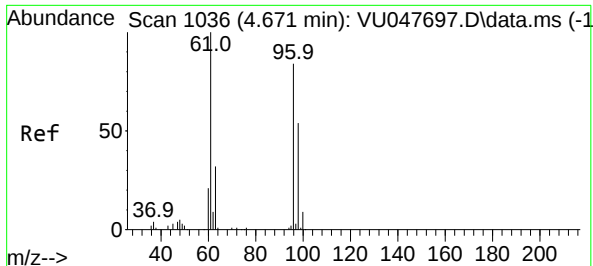
Ion Ratio Lower Upper

63 100

65 34.3 22.0 41.0

83 13.8 9.7 18.1

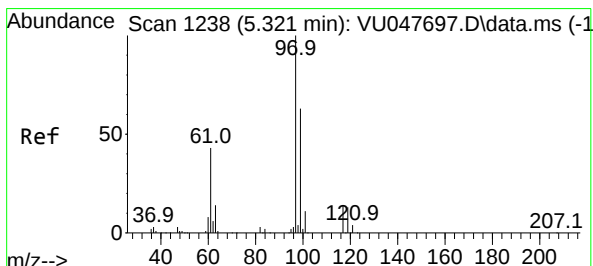
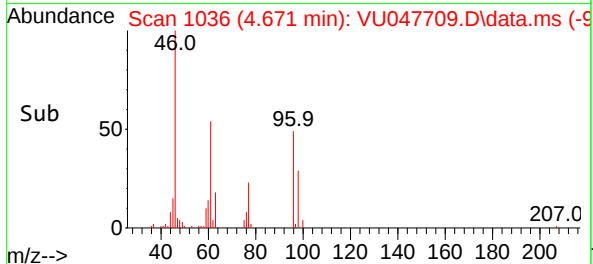
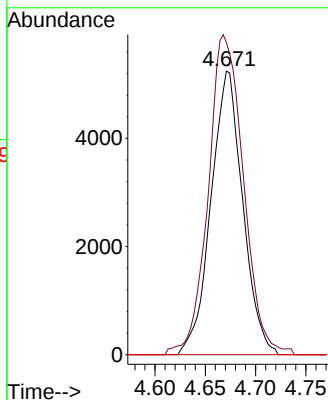
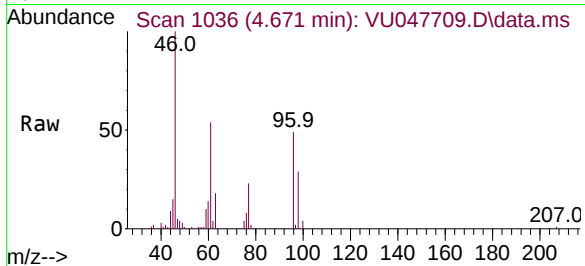




#20
 cis-1,2-Dichloroethene
 Concen: 4.552 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047709.D
 Acq: 26 Mar 2022 15:19

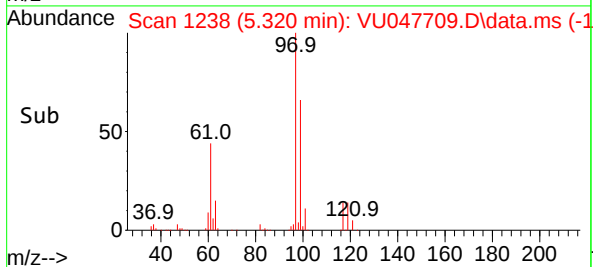
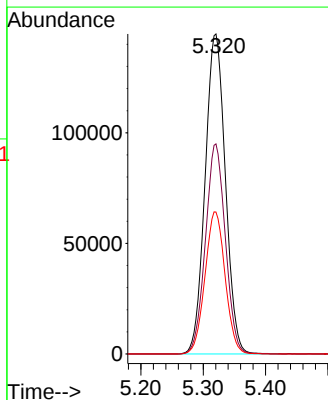
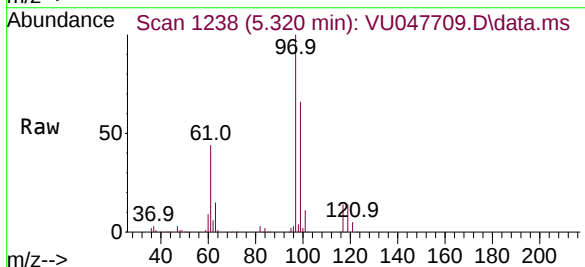
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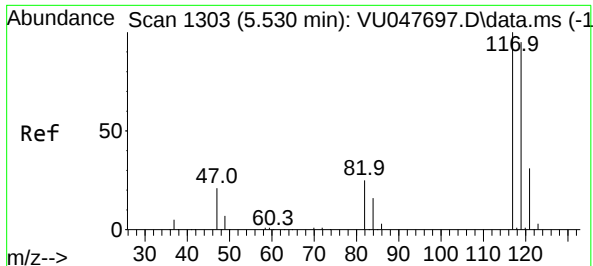
Tgt Ion: 96 Resp: 11504
 Ion Ratio Lower Upper
 96 100
 61 110.1 80.7 149.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 88.771 ug/L
 RT: 5.320 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VU047709.D
 Acq: 26 Mar 2022 15:19

Tgt Ion: 97 Resp: 327064
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.6 77.4
 61 44.1 34.2 51.4

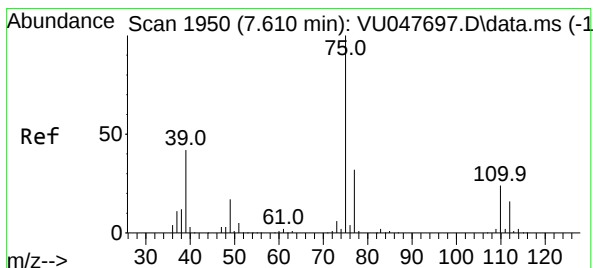
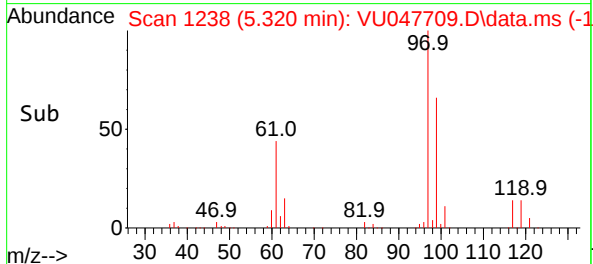
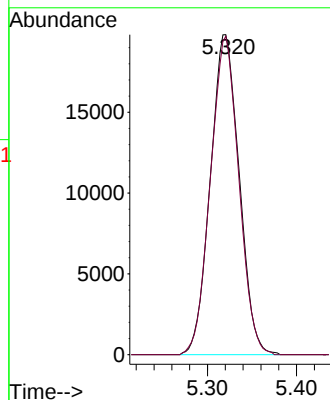
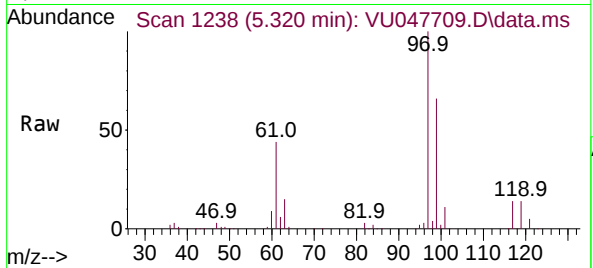




#31
Carbon tetrachloride
Concen: 13.398 ug/L
RT: 5.320 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU047709.D
Acq: 26 Mar 2022 15:19

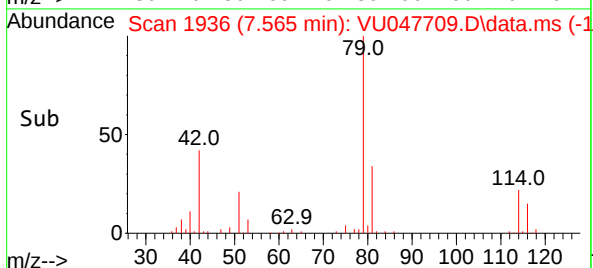
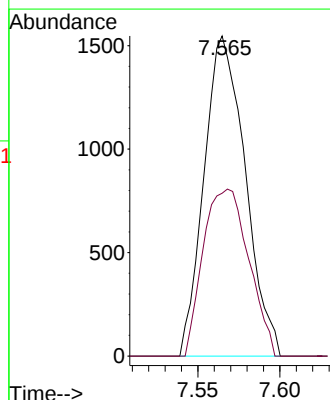
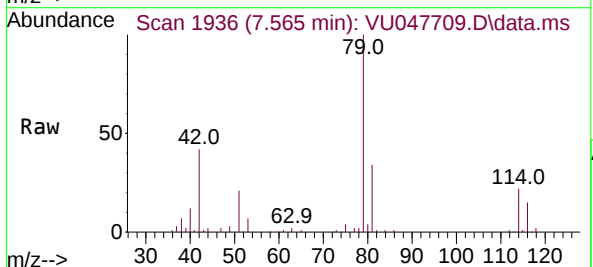
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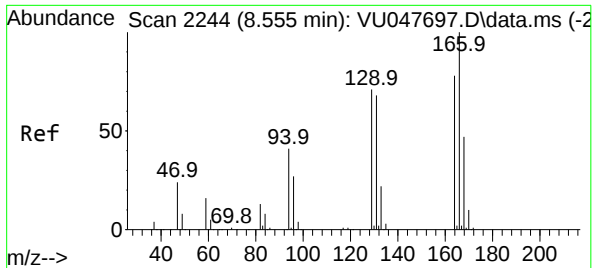
Tgt Ion:117 Resp: 44575
Ion Ratio Lower Upper
117 100
119 97.6 77.2 115.8



#39
cis-1,3-Dichloropropene
Concen: 0.727 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.045 min
Lab File: VU047709.D
Acq: 26 Mar 2022 15:19

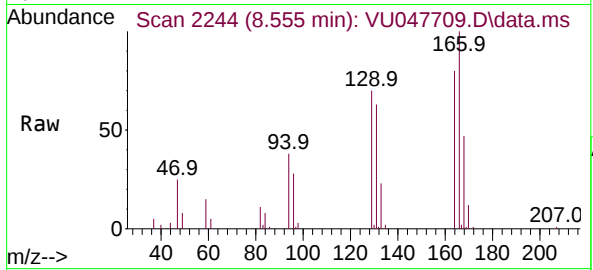
Tgt Ion: 75 Resp: 2697
Ion Ratio Lower Upper
75 100
77 50.9 21.8 40.6#





#46
Tetrachloroethene
Concen: 5.297 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047709.D
Acq: 26 Mar 2022 15:19

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ClientSampleId :
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Tgt Ion:	164	Resp:	11737
Ion	Ratio	Lower	Upper
164	100		
129	87.2	62.4	116.0
131	78.6	60.7	112.7
166	124.3	89.0	165.4

