

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036509.D
 Acq On : 26 Mar 2021 11:37
 Operator : SY/AP
 Sample : M1748-38DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GOI-SG-6(2021)DL

Manual Integrations
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Quant Time: Mar 27 23:03:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 27 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1498547	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	3579874	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.12	117	3168865	10.00	ppbv	0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.45	95	2510226	9.94	ppbv	0.03	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.63	45	198510m	18.676	ppbv	
15) Acetone	3.87	43	295182m	2.001	ppbv	
20) Methylene Chloride	4.36	84	440487m	6.379	ppbv	
26) Hexane	5.71	57	438951	2.698	ppbv #	47
29) Chloroform	5.77	83	1068817	4.107	ppbv	99
31) cis-1,2-Dichloroethene	5.58	61	23037m	0.146	ppbv	
38) Trichloroethene	7.87	130	6664937	51.872	ppbv	94
52) Tetrachloroethene	11.25	164	87944m	0.723	ppbv	

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

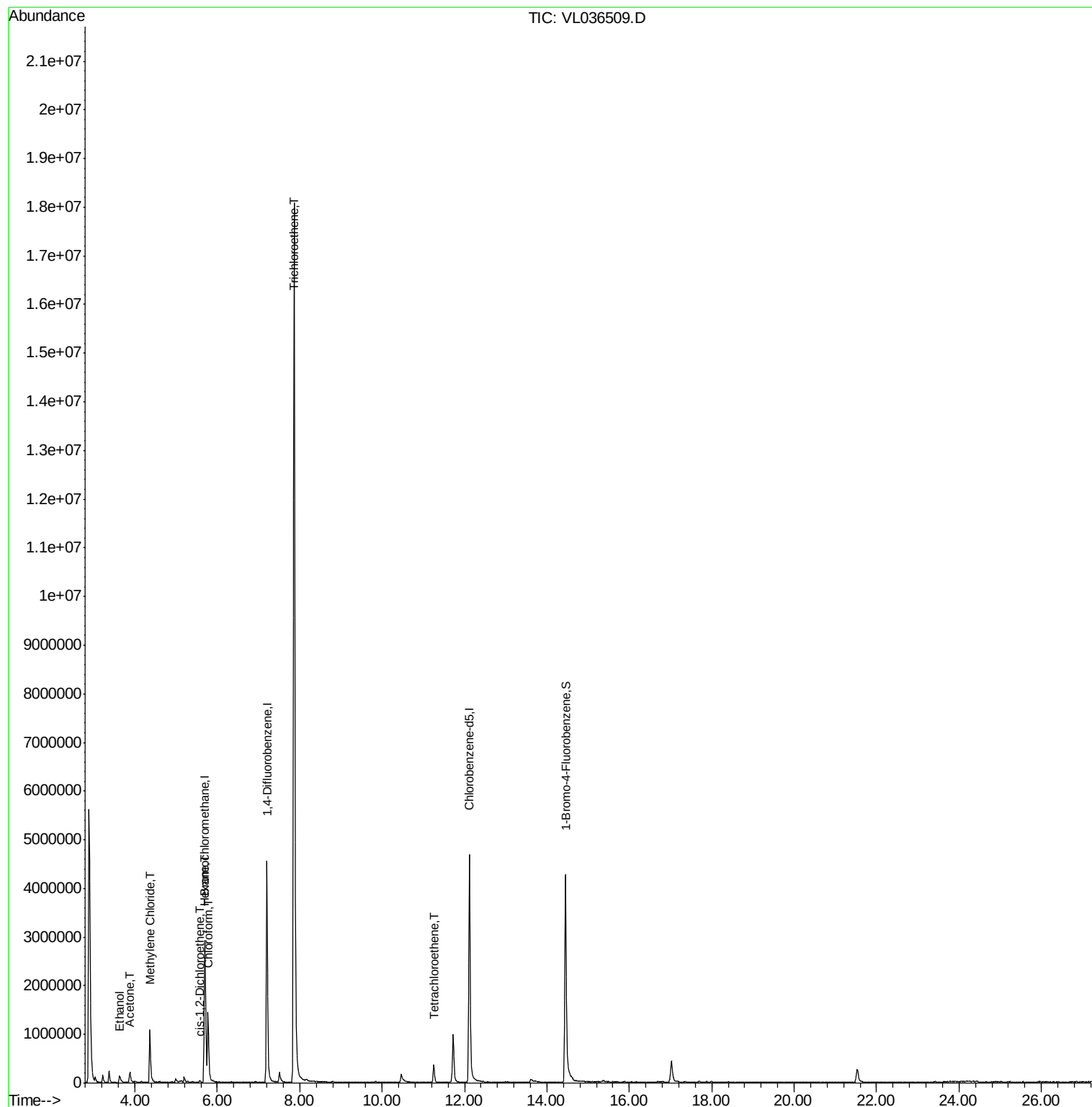
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032621\
Data File : VL036509.D
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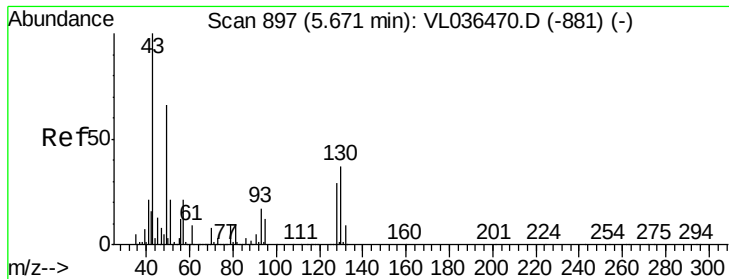
Instrument :
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Quant Time: Mar 27 23:03:08 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





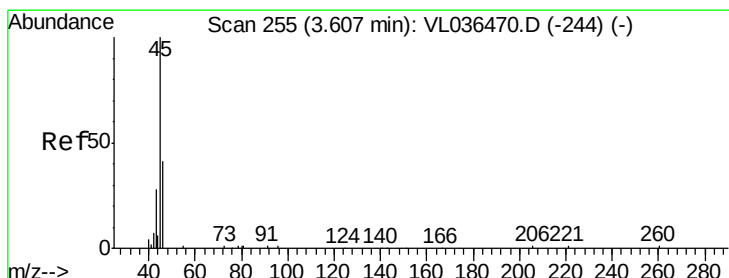
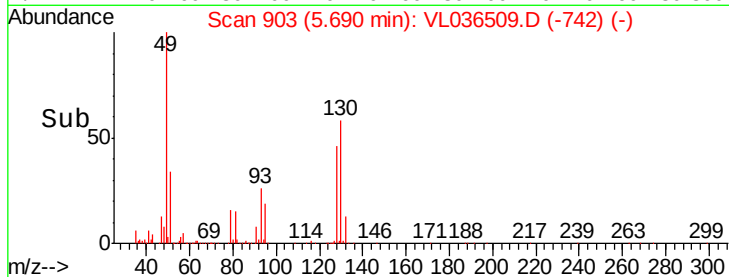
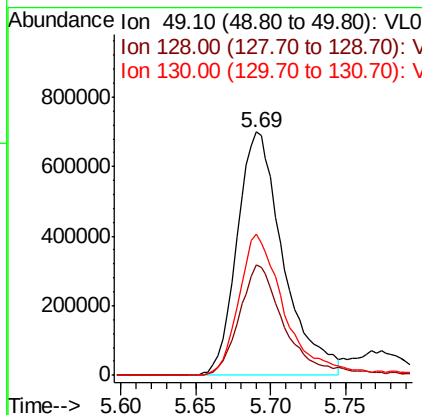
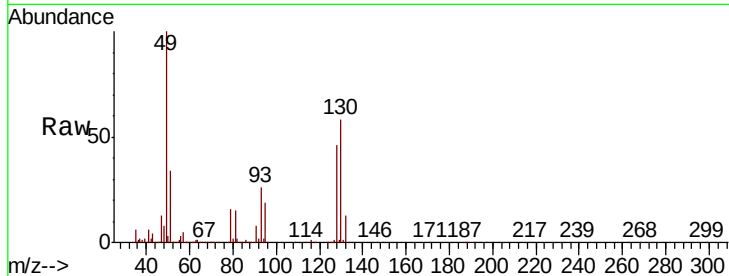
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.02 min
Lab File: VL036509.D
Acq: 26 Mar 2021 11:37

Instrument :
MSVOA_L
ClientSampleId :
GOI-SG-6(2021)DL

Tot Ion: 49 Resp: 1498547
Ion Ratio Lower Upper
49 100
128 46.4 23.5 70.6
130 59.5 29.1 87.4

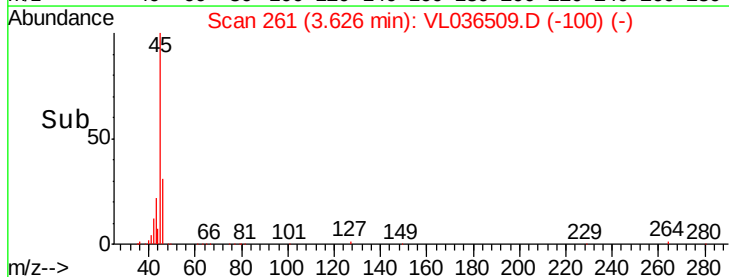
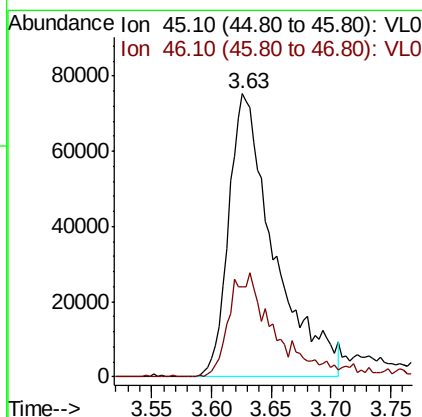
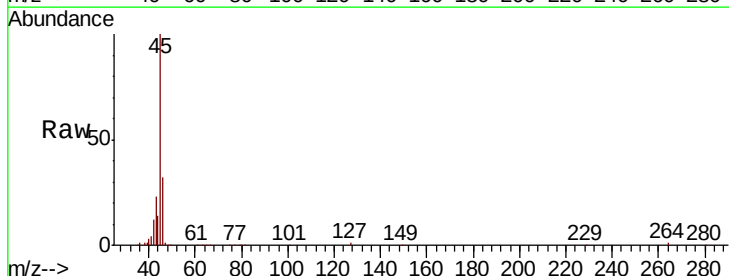
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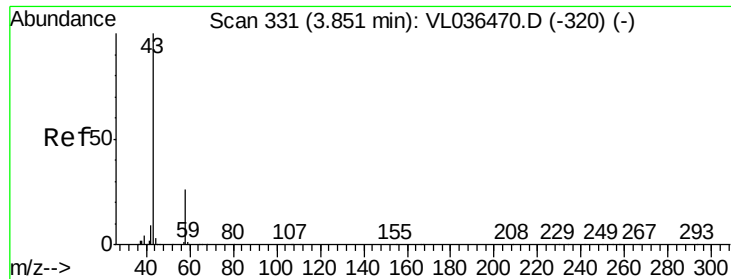
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#13
Ethanol
Concen: 18.676 ppbv m
RT: 3.63 min Scan# 261
Delta R.T. 0.02 min
Lab File: VL036509.D
Acq: 26 Mar 2021 11:37

Tgt Ion: 45 Resp: 198510
Ion Ratio Lower Upper
45 100
46 39.5 16.6 66.2





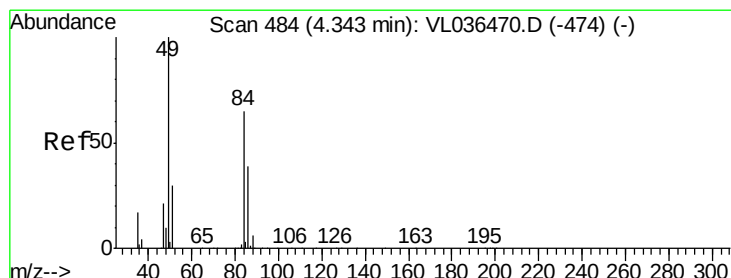
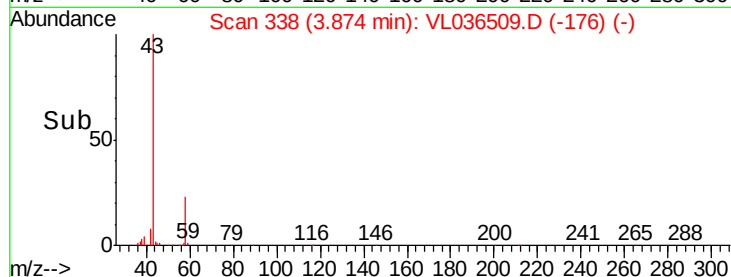
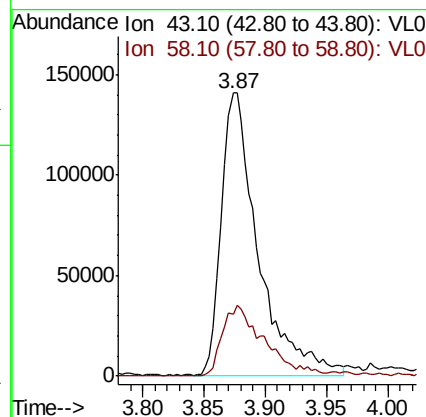
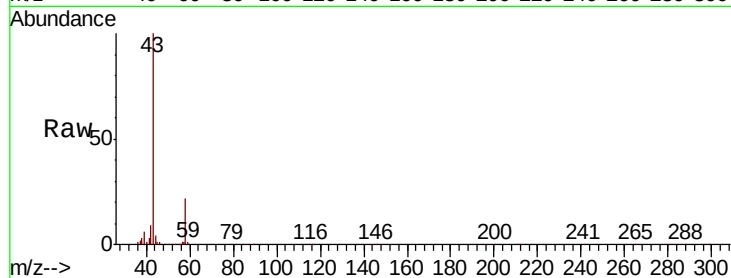
#15
Acetone
Concen: 2.001 ppbv m
RT: 3.87 min Scan# 338
Delta R.T. 0.02 min
Lab File: VL036509.D
Acq: 26 Mar 2021 11:37

Instrument :
MSVOA_L
ClientSampleId :
GOI-SG-6(2021)DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	29.6	21.2	31.8

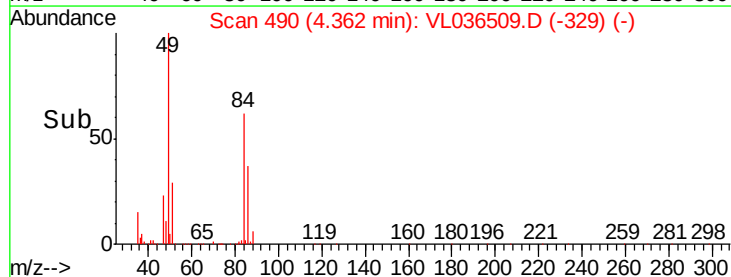
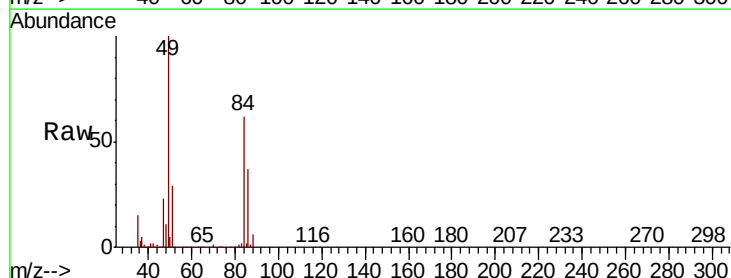
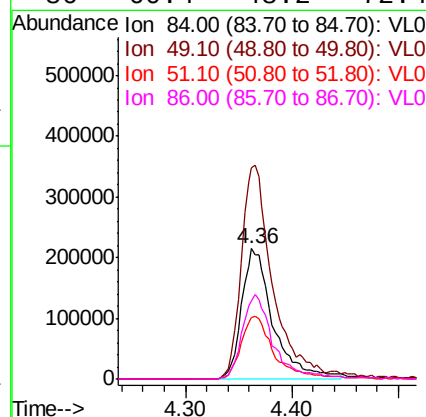
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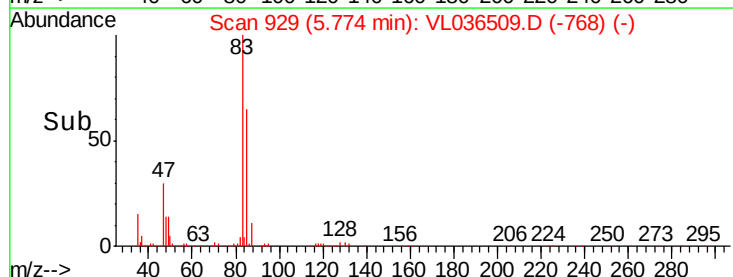
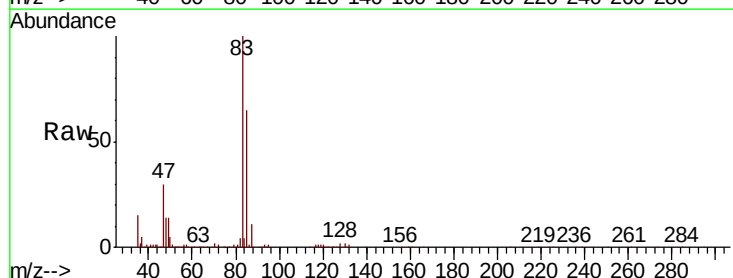
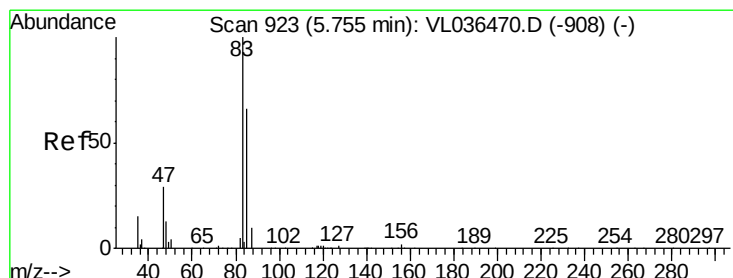
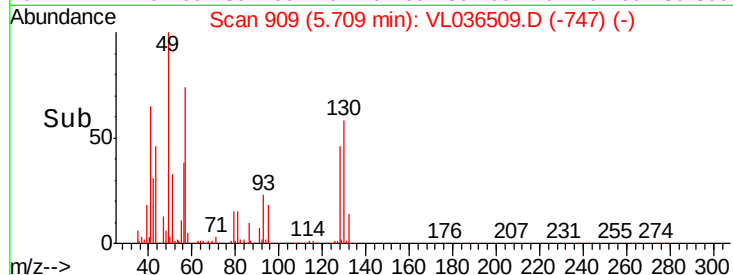
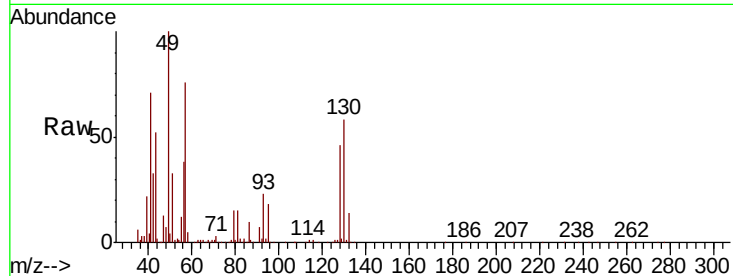
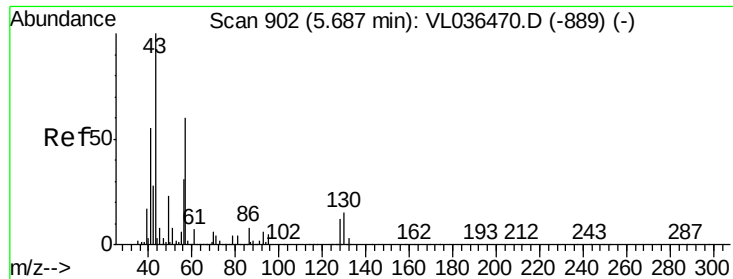
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#20
Methylene Chloride
Concen: 6.379 ppbv m
RT: 4.36 min Scan# 490
Delta R.T. 0.02 min
Lab File: VL036509.D
Acq: 26 Mar 2021 11:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	161.9	122.9	184.3
51	47.3	36.9	55.3
86	60.4	48.2	72.4





#26

Hexane

Concen: 2.698 ppbv

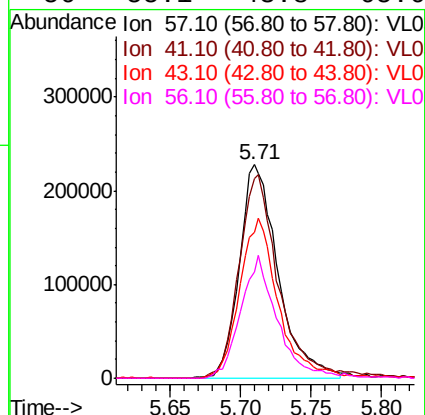
RT: 5.71 min Scan# 909

Delta R.T. 0.02 min

Lab File: VL036509.D

Acq: 26 Mar 2021 11:37

Tot Ion	57	Resp	438951
Ion Ratio	Lower	Upper	
57	100		
41	99.3	77.2	115.8
43	76.2	173.8	260.6#
56	55.1	43.8	65.6



Instrument :

MSVOA_L

ClientSampleId :

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#29

Chloroform

Concen: 4.107 ppbv

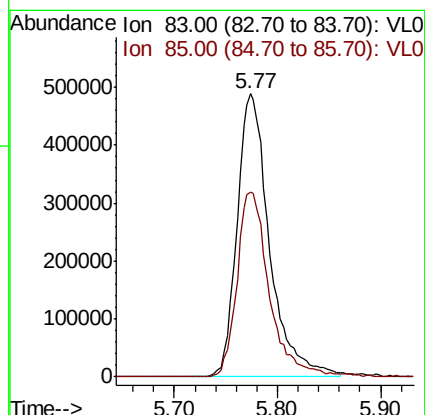
RT: 5.77 min Scan# 929

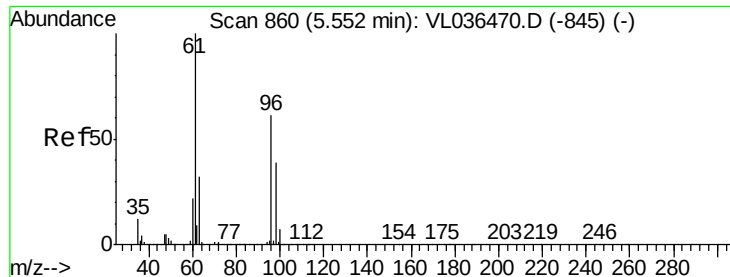
Delta R.T. 0.02 min

Lab File: VL036509.D

Acq: 26 Mar 2021 11:37

Tgt Ion	83	Resp	1068817
Ion Ratio	Lower	Upper	
83	100		
85	65.0	52.6	78.8





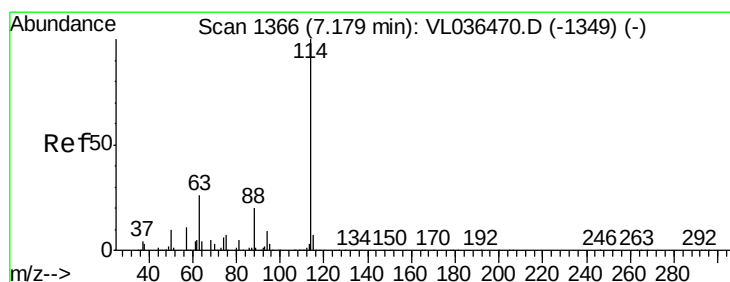
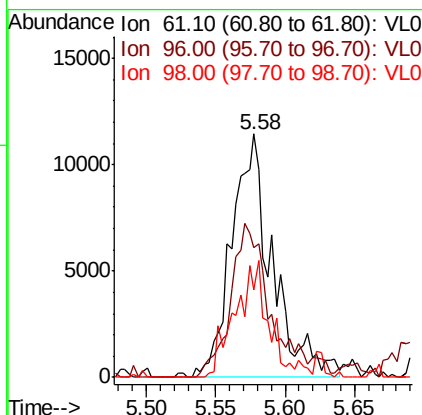
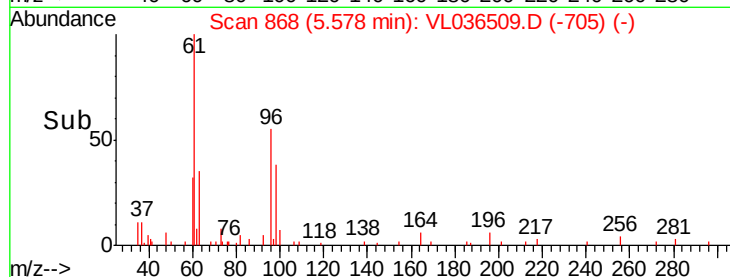
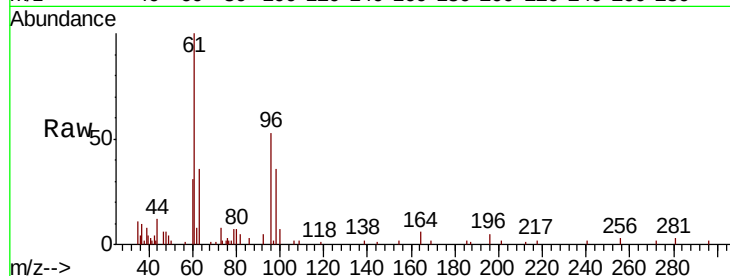
#31
 cis-1,2-Dichloroethene
 Concen: 0.146 ppbv m
 RT: 5.58 min Scan# 868
 Delta R.T. 0.03 min
 Lab File: VL036509.D
 Acq: 26 Mar 2021 11:37

Instrument :
 MSVOA_L
 ClientSampleId :
 GOI-SG-6(2021)DL

Tot Ion	61.10	Resp:	23037
Ion	Ratio	Lower	Upper
61	100		
96	53.4	48.7	73.1
98	35.8	31.4	47.0

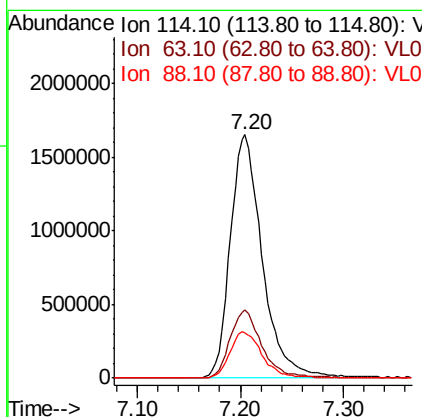
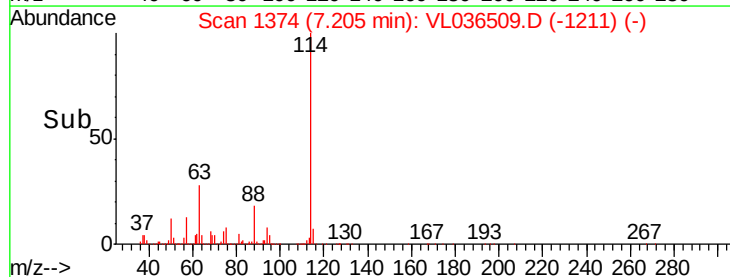
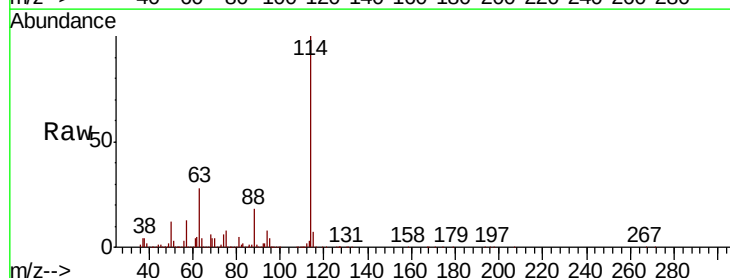
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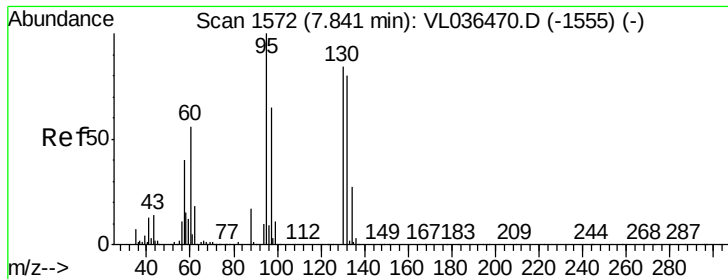
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#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T. 0.03 min
 Lab File: VL036509.D
 Acq: 26 Mar 2021 11:37

Tgt Ion	114	Resp:	3579874
Ion	Ratio	Lower	Upper
114	100		
63	28.1	22.4	33.6
88	19.5	15.4	23.0





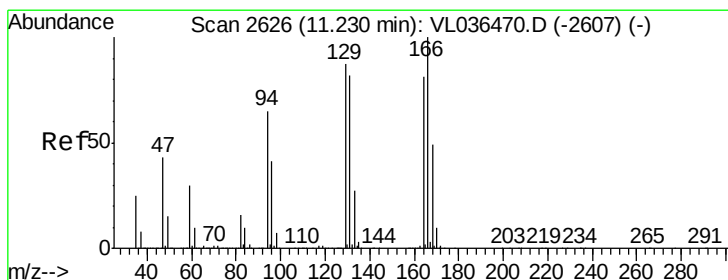
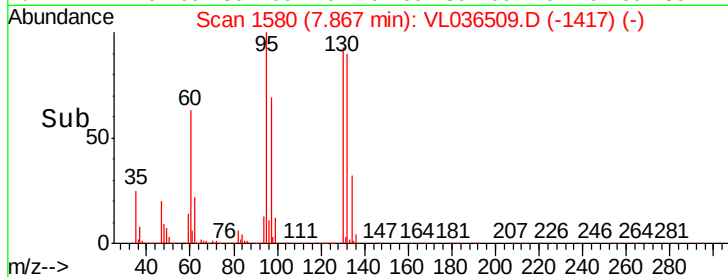
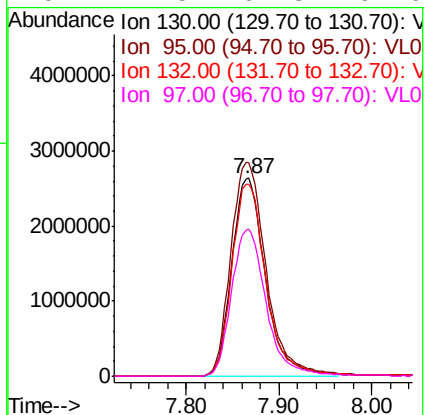
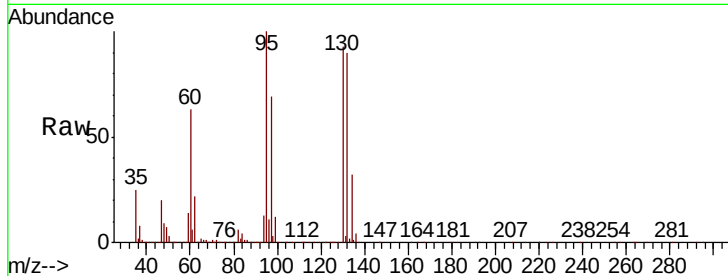
#38
 Trichloroethene
 Concen: 51.872 ppbv
 RT: 7.87 min Scan# 1580
 Delta R.T. 0.03 min
 Lab File: VL036509.D
 Acq: 26 Mar 2021 11:37

Instrument :
 MSVOA_L
 ClientSampleId :
 GOI-SG-6(2021)DL

Tot Ion	Ion	Ratio	Lower	Upper
130	100			
95	107.6	95.7	143.5	
132	96.6	76.2	114.4	
97	74.5	61.8	92.6	

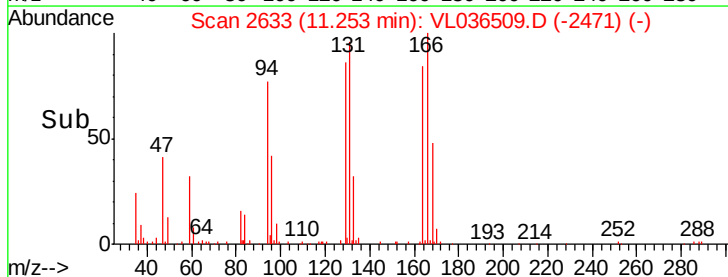
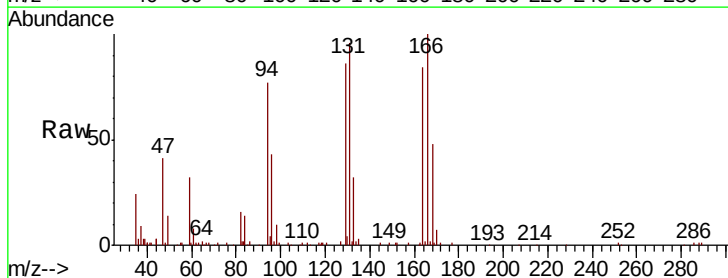
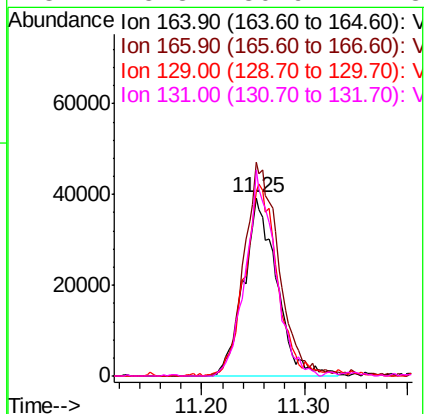
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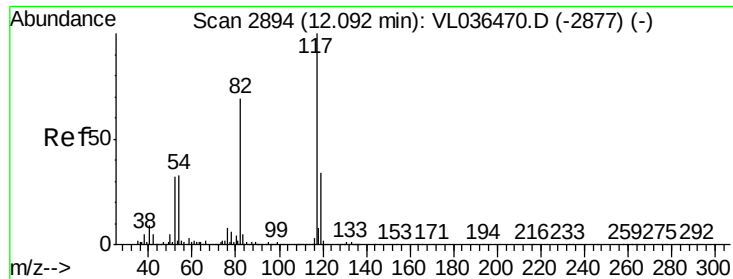
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#52
 Tetrachloroethene
 Concen: 0.723 ppbv m
 RT: 11.25 min Scan# 2633
 Delta R.T. 0.02 min
 Lab File: VL036509.D
 Acq: 26 Mar 2021 11:37

Tgt Ion	Ion	Ratio	Lower	Upper
164	100			
166	119.8	98.3	147.5	
129	103.4	85.8	128.8	
131	115.3	80.9	121.3	





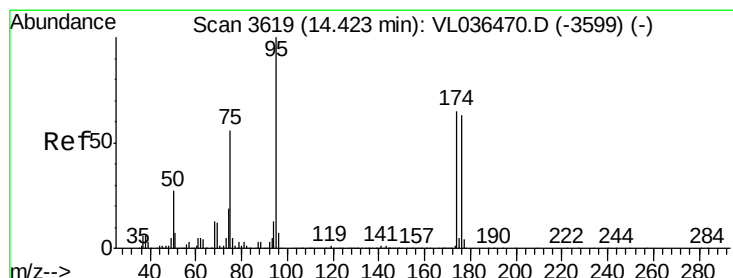
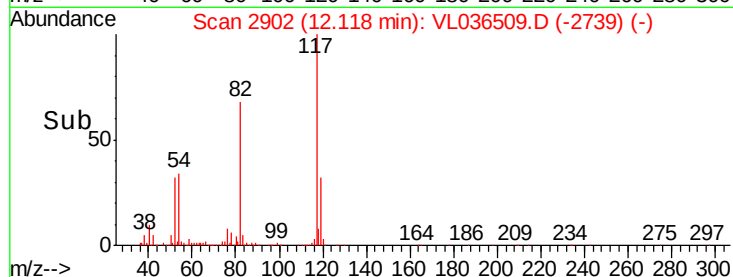
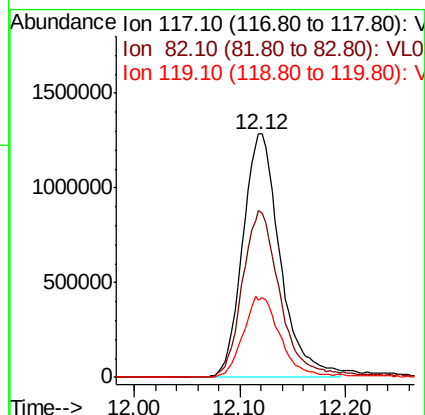
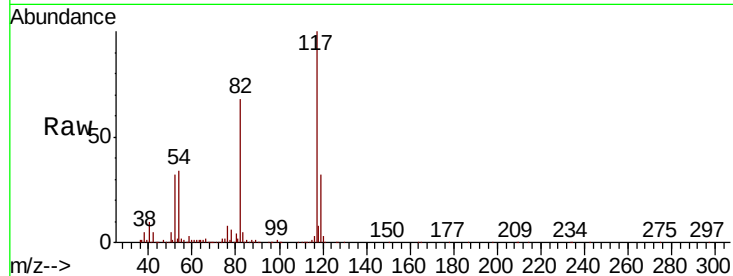
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.03 min
Lab File: VL036509.D
Acq: 26 Mar 2021 11:37

Instrument :
MSVOA_L
ClientSampleId :
GOI-SG-6(2021)DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	71.0	57.4	86.0
119	34.1	47.4	71.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.939 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.03 min
Lab File: VL036509.D
Acq: 26 Mar 2021 11:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.5	51.0	76.6
175	4.7	3.9	5.9

