

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051920\
 Data File : VL035055.D
 Acq On : 19 May 2020 22:15
 Operator : SY/AP
 Sample : L2683-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-PR-IADL

Manual Integrations
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Quant Time: May 20 06:44:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1157415	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2588730	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2521747	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2126215	10.42	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.97	41	24671	0.430	ppbv	# 80
13) Ethanol	3.56	45	352960	18.654	ppbv	98
15) Acetone	3.81	43	162444	1.062	ppbv	91
20) Methylene Chloride	4.31	84	15624m	0.308	ppbv	
52) Tetrachloroethene	11.23	164	6155m	0.081	ppbv	

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

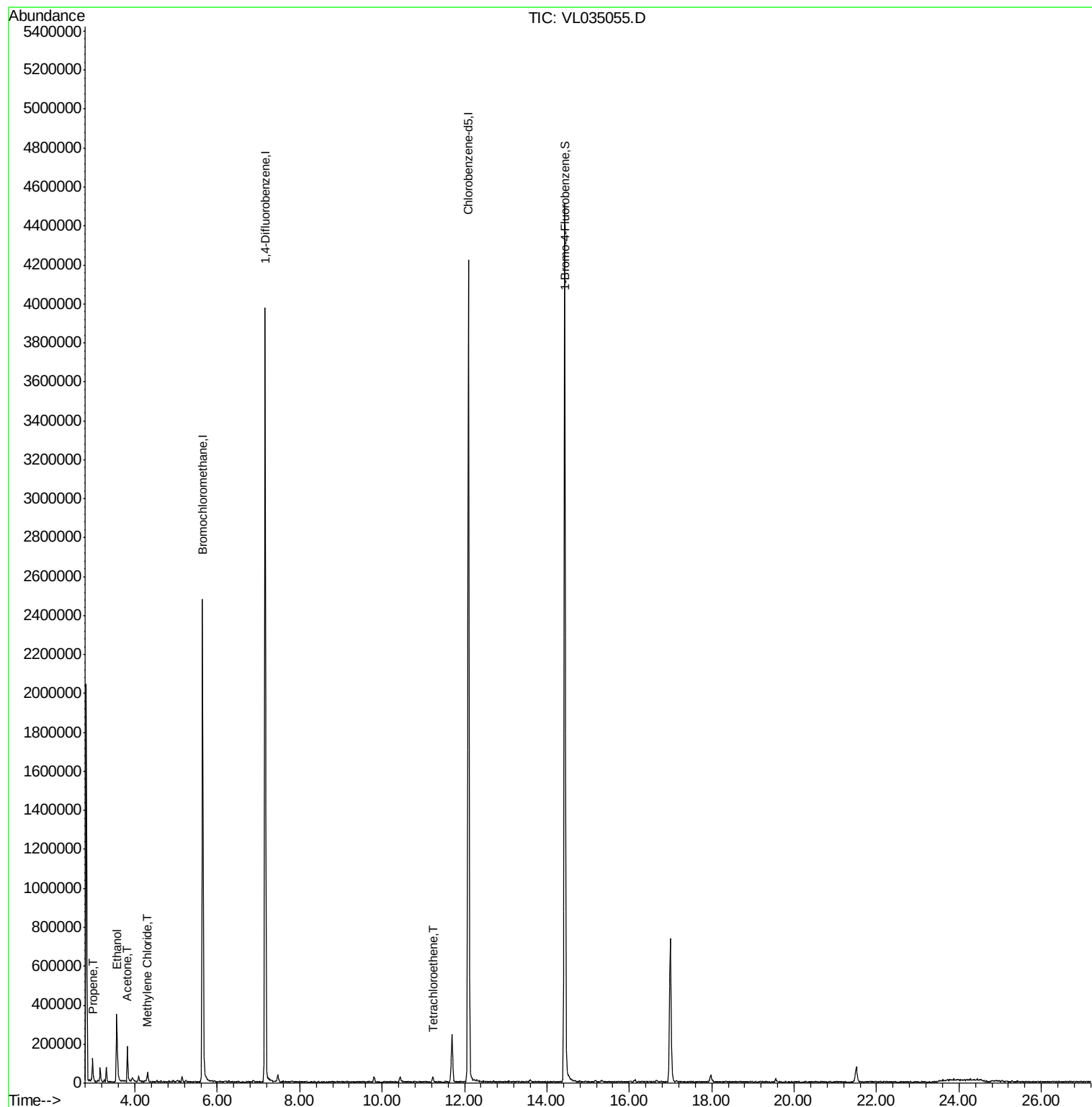
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051920\
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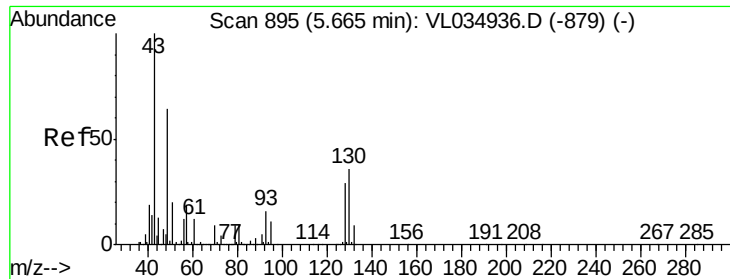
Instrument :
MSVOA_L
ClientSampleId :
IR-PR-IADL

Manual Integrations
APPROVED

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
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QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

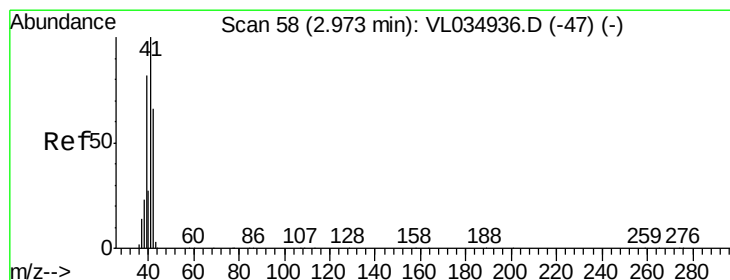
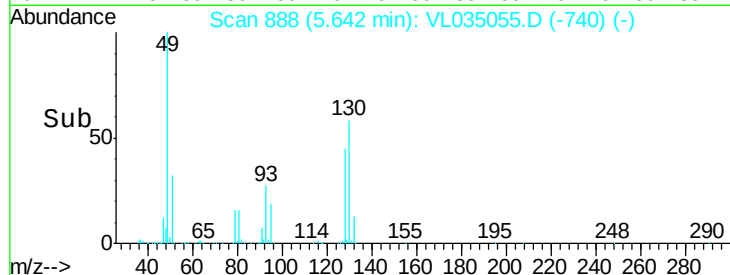
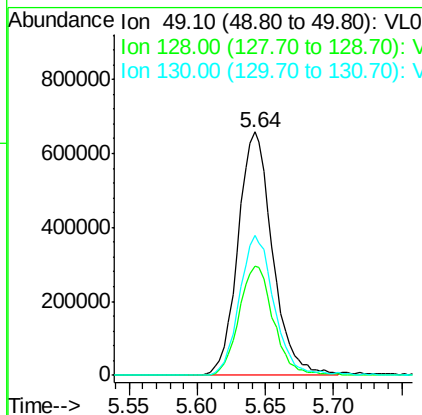
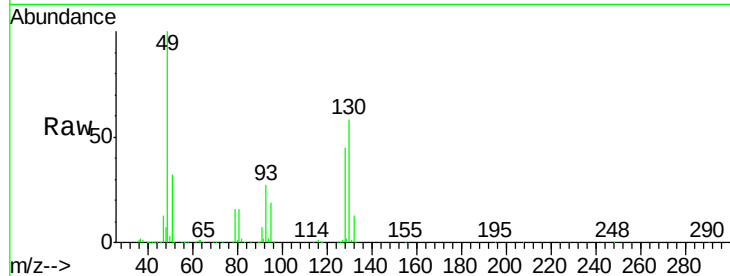
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: VL035055.D
 Acq: 19 May 2020 22:15

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-PR-IADL

Tot Ion: 49 Resp: 1157415
 Ion Ratio Lower Upper
 49 100
 128 44.9 22.1 66.5
 130 58.0 29.1 87.3

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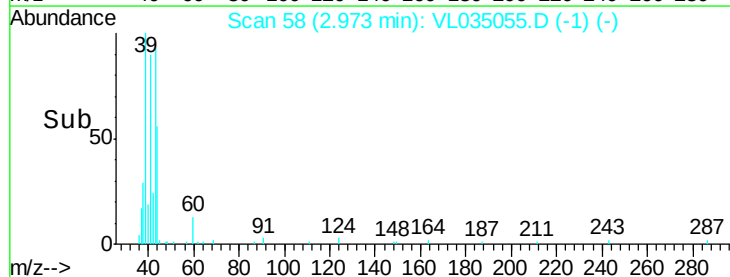
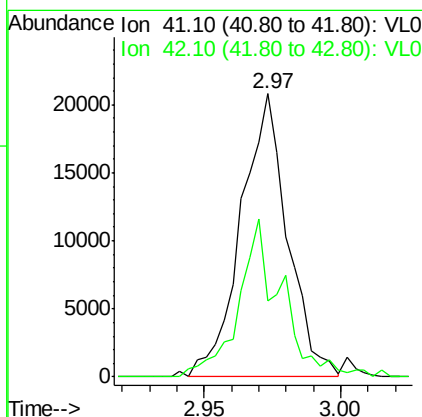
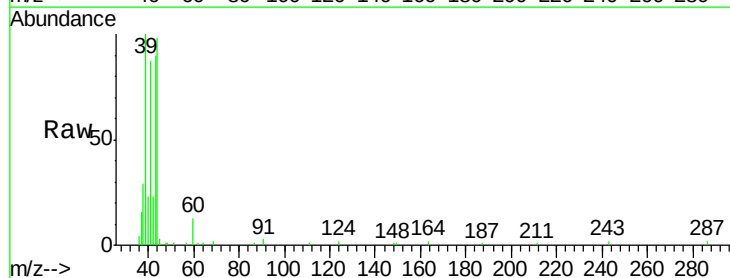
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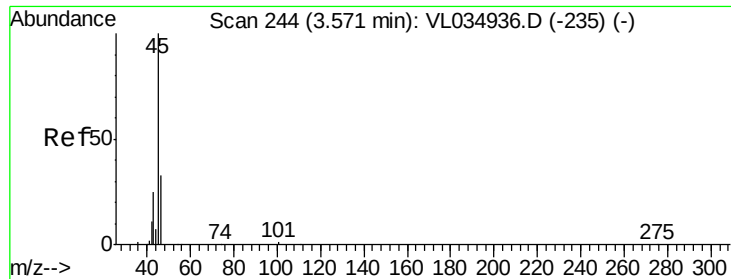


#9

Propene
 Concen: 0.430 ppbv
 RT: 2.97 min Scan# 58
 Delta R.T. -0.00 min
 Lab File: VL035055.D
 Acq: 19 May 2020 22:15

Tgt Ion: 41 Resp: 24671
 Ion Ratio Lower Upper
 41 100
 42 51.6 54.5 81.7#





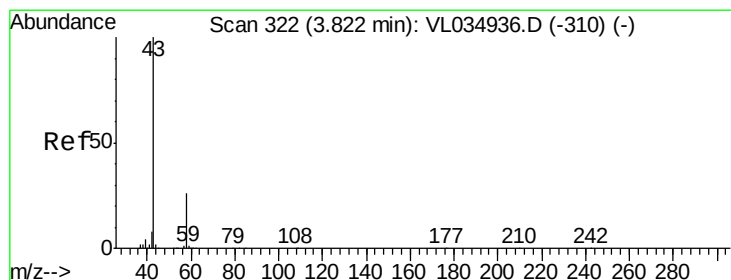
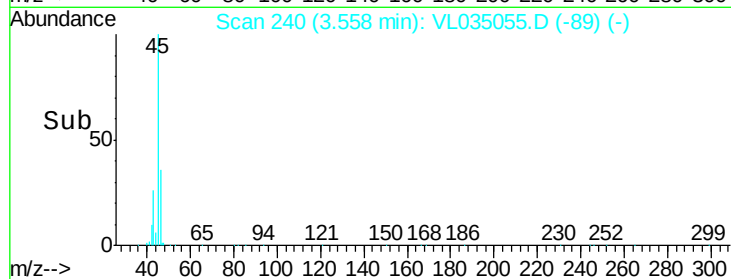
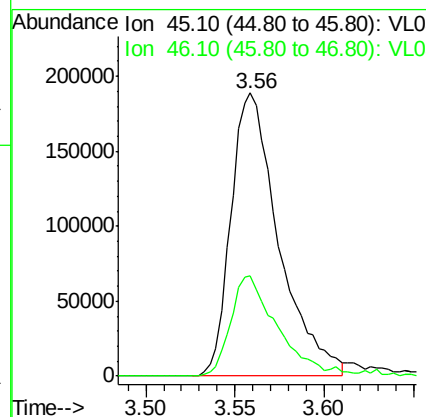
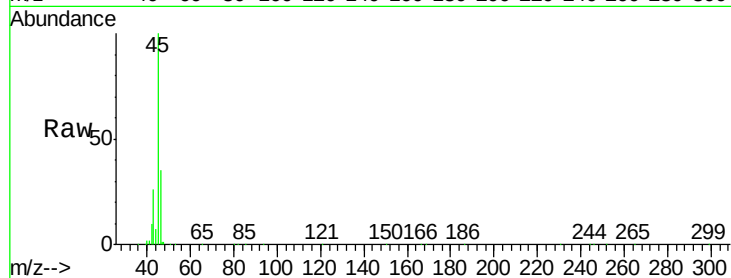
#13
Ethanol
Concen: 18.654 ppbv
RT: 3.56 min Scan# 240
Delta R.T. -0.01 min
Lab File: VL035055.D
Acq: 19 May 2020 22:15

Instrument :
MSVOA_L
ClientSampleId :
IR-PR-IADL

Tot Ion	45	Resp	352960
Ion Ratio	100	Lower	Upper
46	34.8	14.3	57.3

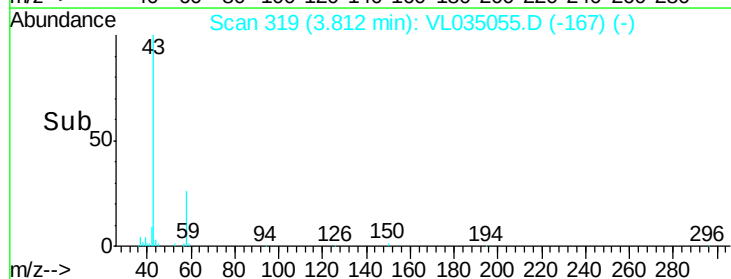
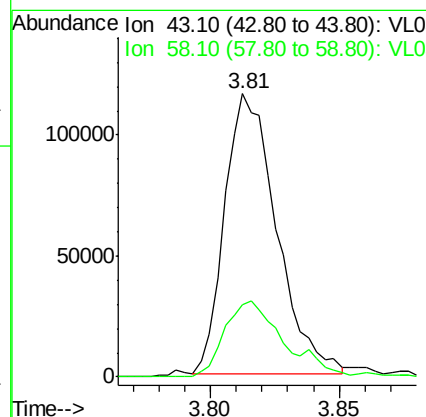
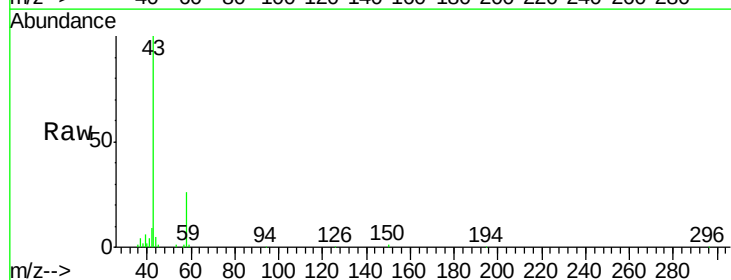
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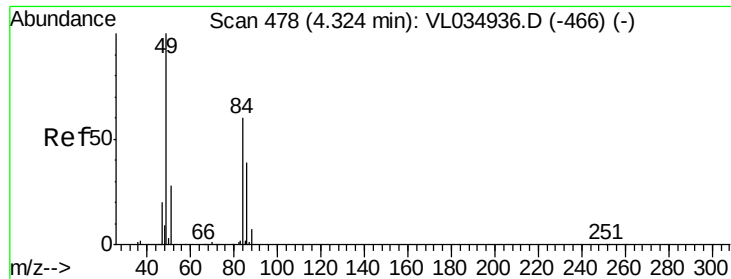
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#15
Acetone
Concen: 1.062 ppbv
RT: 3.81 min Scan# 319
Delta R.T. -0.01 min
Lab File: VL035055.D
Acq: 19 May 2020 22:15

Tgt Ion	43	Resp	162444
Ion Ratio	100	Lower	Upper
58	31.9	21.7	32.5





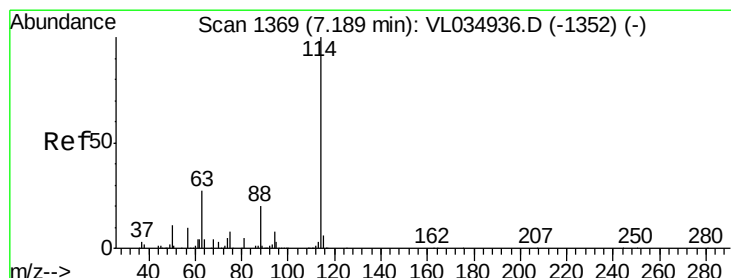
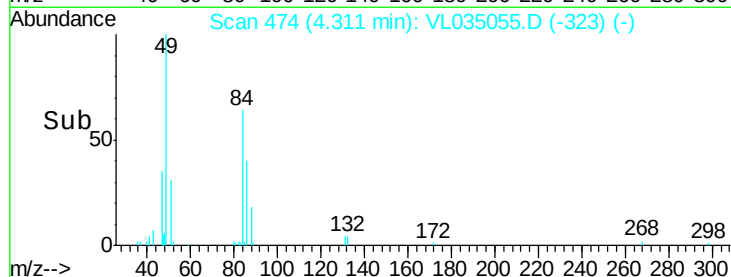
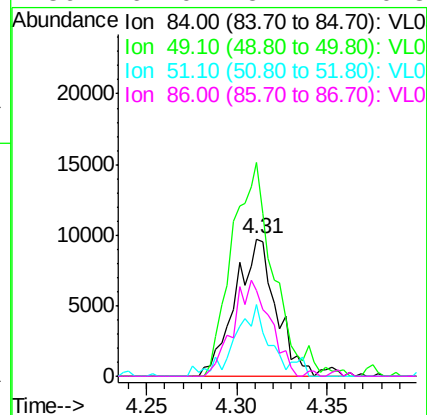
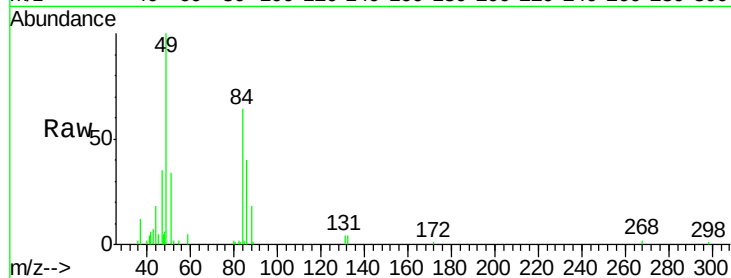
#20
Methylene Chloride
Concen: 0.308 ppbv m
RT: 4.31 min Scan# 474
Delta R.T. -0.01 min
Lab File: VL035055.D
Acq: 19 May 2020 22:15

Instrument :
MSVOA_L
ClientSampleId :
IR-PR-IADL

Tot Ion:	84	Resp:	15624
Ion	Ratio	Lower	Upper
84	100		
49	155.3	132.5	198.7
51	52.3	38.4	57.6
86	62.0	51.2	76.8

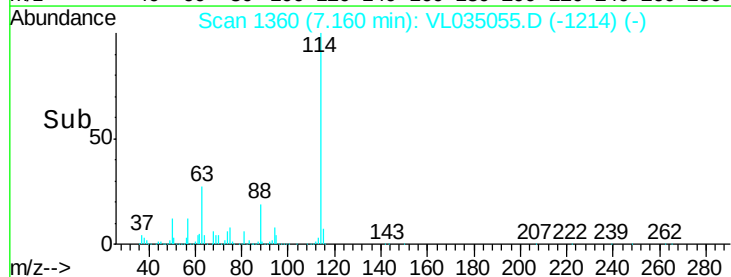
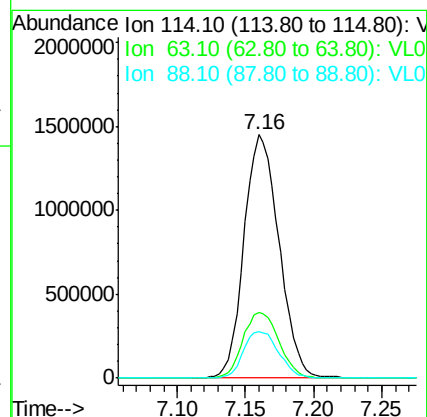
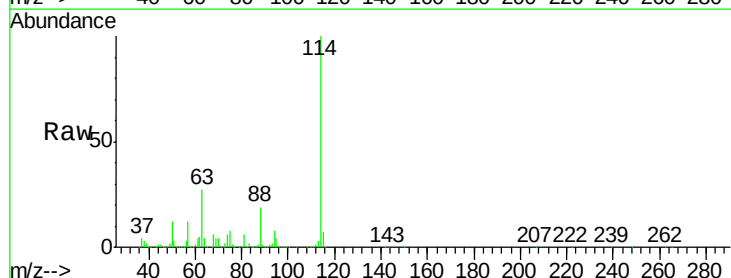
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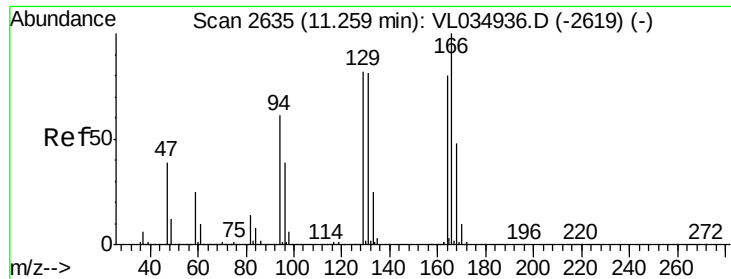
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.03 min
Lab File: VL035055.D
Acq: 19 May 2020 22:15

Tgt Ion:	114	Resp:	2588730
Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.2	33.4
88	19.5	15.5	23.3





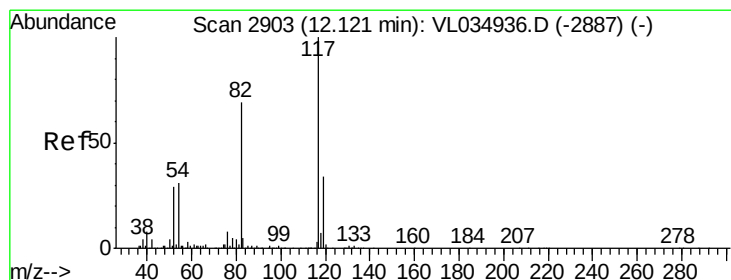
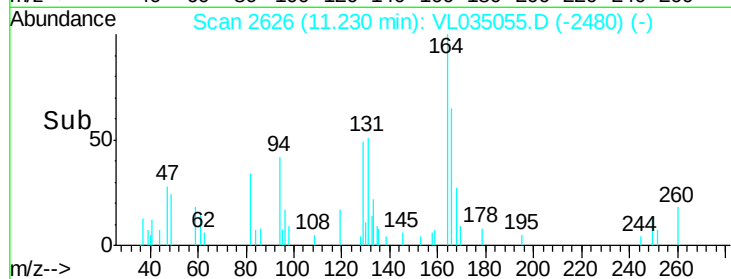
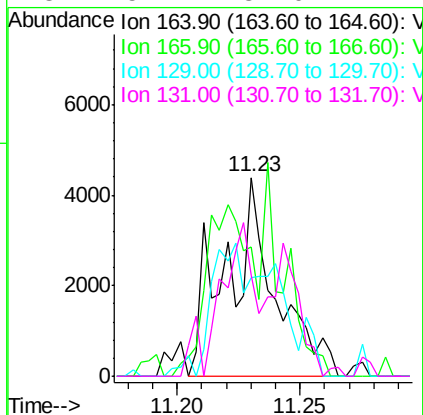
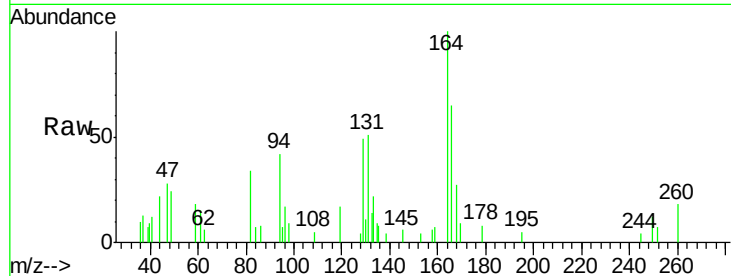
#52
Tetrachloroethene
Concen: 0.081 ppbv m
RT: 11.23 min Scan# 2626
Delta R.T. -0.03 min
Lab File: VL035055.D
Acq: 19 May 2020 22:15

Instrument :
MSVOA_L
ClientSampleId :
IR-PR-IADL

Tot Ion	Ratio	Lower	Upper
164	100		
166	65.2	100.7	151.1#
129	49.3	83.0	124.4#
131	51.2	81.0	121.4#

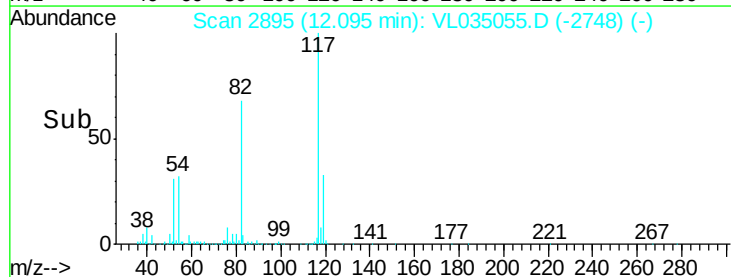
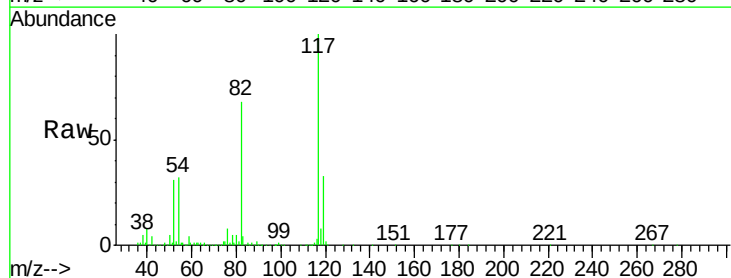
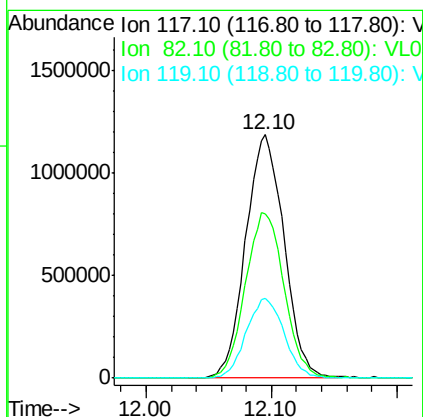
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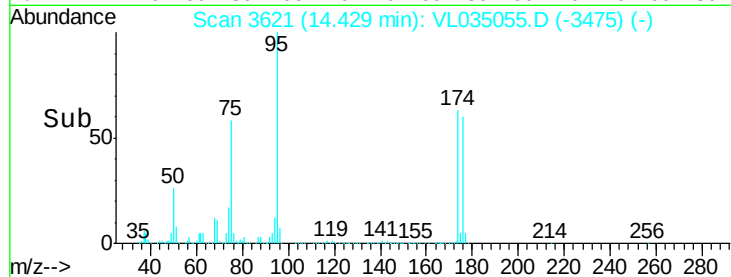
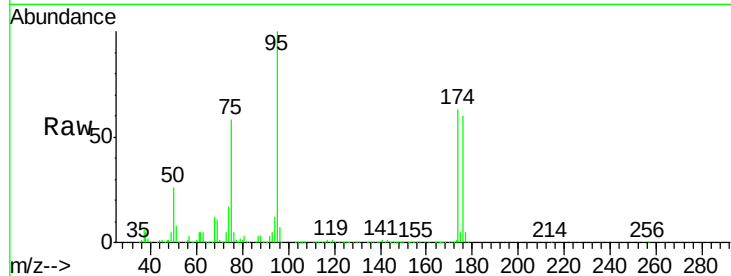
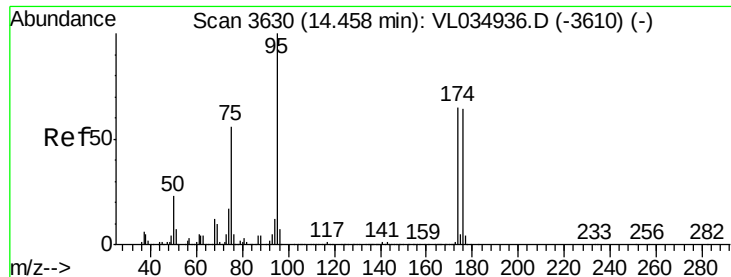
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: VL035055.D
Acq: 19 May 2020 22:15

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.1	53.1	79.7
119	32.4	26.7	40.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.416 ppbv
 RT: 14.43 min Scan# 3621
 Delta R.T. -0.03 min
 Lab File: VL035055.D
 Acq: 19 May 2020 22:15

Tot Ion:	95	Resp:	2126215
Ion Ratio	Lower	Upper	
95	100		
174	64.0	51.5	77.3
175	4.5	3.8	5.8

Instrument :
 MSVOA_L
 ClientSampleId :
 IR-PR-IADL

Manual Integrations
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