

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL036005.D
 Acq On : 24 Nov 2020 22:23
 Operator : SY/AP
 Sample : L4843-02DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-02DL

Manual Integrations
 APPROVED

MMDadoda
 11/27/2020 1:16:22 PM

Quant Time: Nov 26 14:28:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1385042	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	4857357	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	4493406	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	3300663	10.34	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	607090m	10.000	ppbv	
10) Heptane	8.09	43	61000	0.364	ppbv	95
13) Ethanol	3.60	45	5079m	0.386	ppbv	
26) Hexane	5.66	57	309198	1.922	ppbv #	44
32) 1,1,1-Trichloroethane	6.48	97	281255	0.852	ppbv	97

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

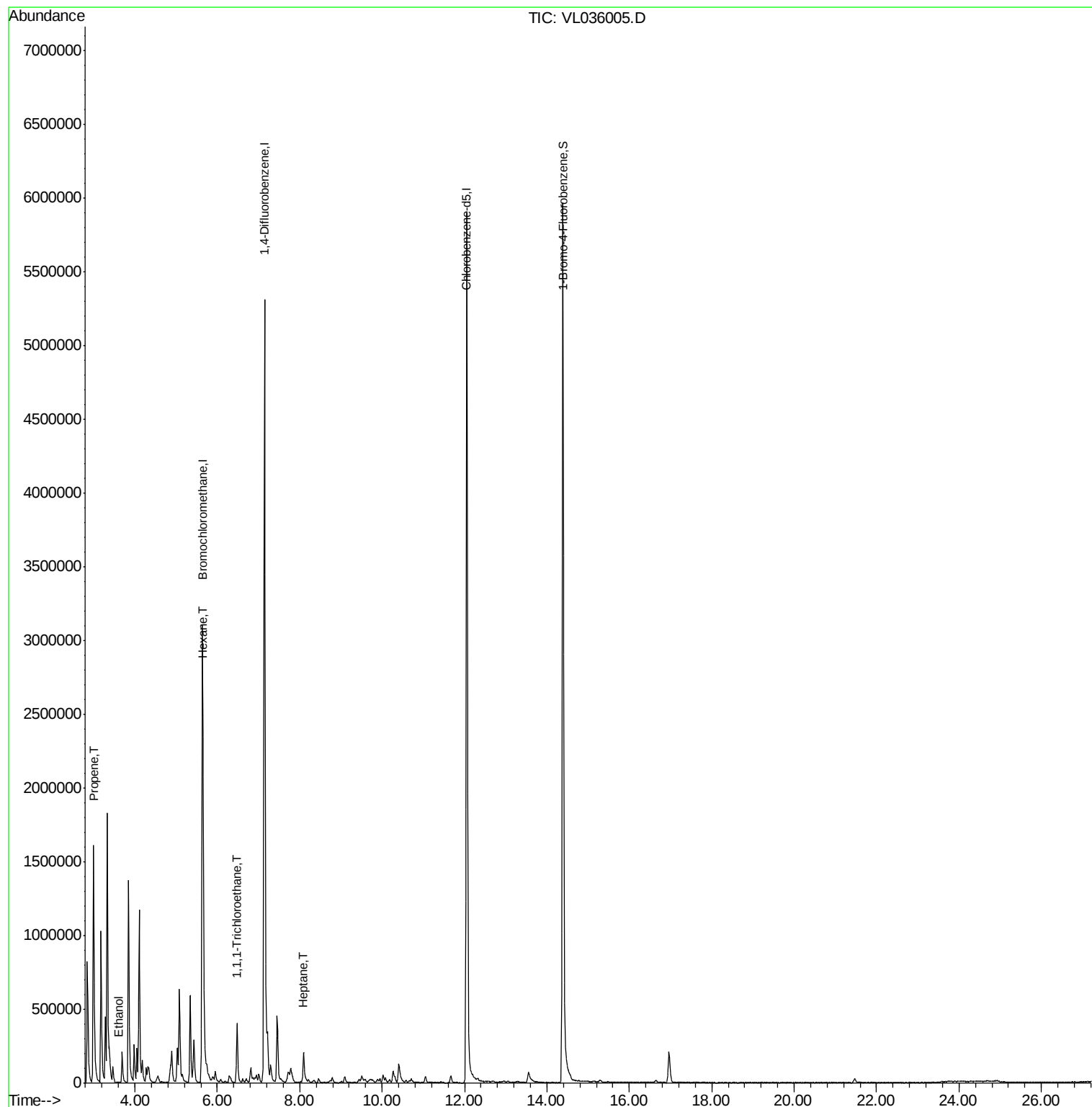
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112420\
Data File : VL036005.D
Acq On : 24 Nov 2020 22:23
Operator : SY/AP
Sample : L4843-02DL 40X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

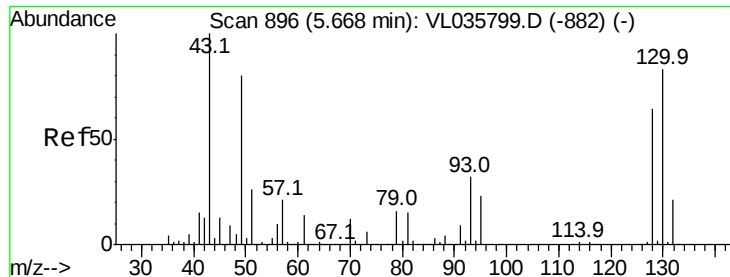
Instrument :
MSVOA_L
ClientSampleId :
SVP-02DL

Manual Integrations
APPROVED

MMDadoda
11/27/2020 1:16:22 PM

Quant Time: Nov 26 14:28:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 886

Delta R.T. -0.03 min

Lab File: VL036005.D

Acq: 24 Nov 2020 22:23

Instrument :

MSVOA_L

ClientSampleId :

SVP-02DL

Tot Ion: 49 Resp: 1385042

Ion Ratio Lower Upper

49 100

128 75.5 41.5 124.6

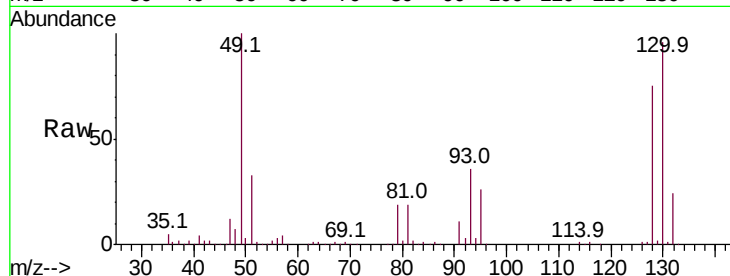
130 97.6 53.7 161.1

Manual Integrations

APPROVED

MMDadoda

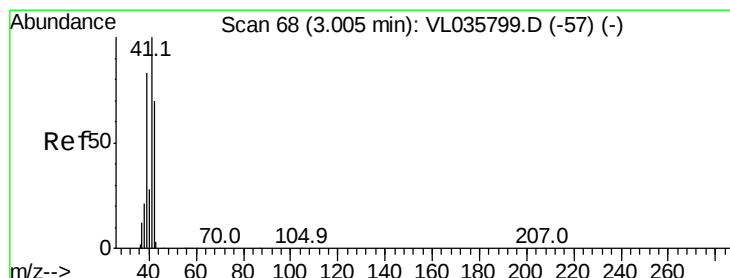
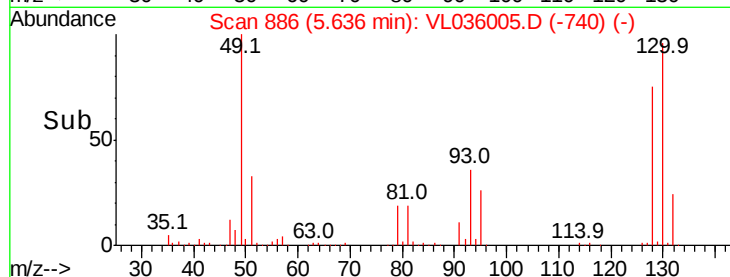
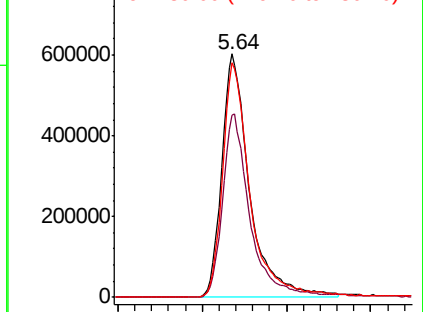
11/27/2020 1:16:22 PM



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 10.000 ppbv m

RT: 2.99 min Scan# 64

Delta R.T. -0.01 min

Lab File: VL036005.D

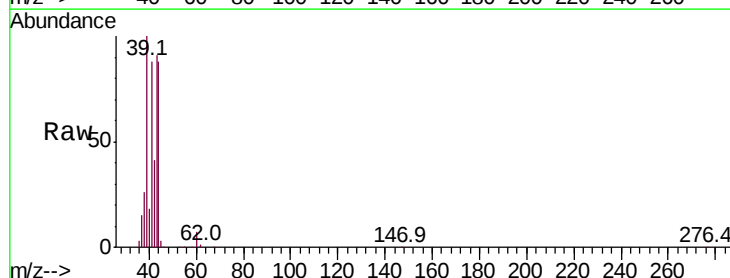
Acq: 24 Nov 2020 22:23

Tgt Ion: 41 Resp: 607090

Ion Ratio Lower Upper

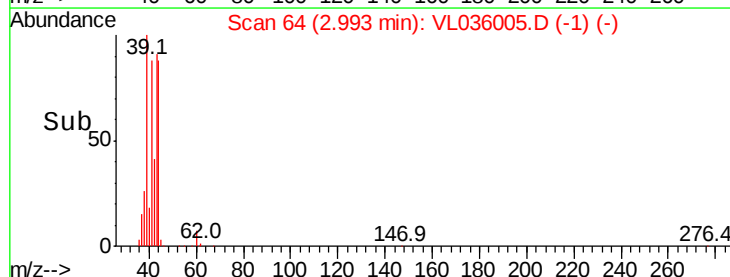
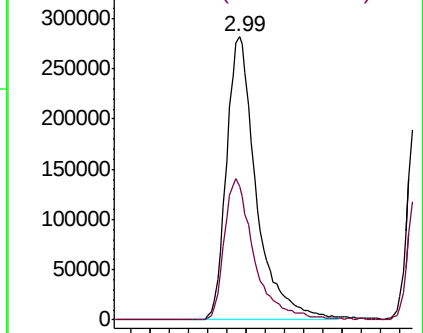
41 100

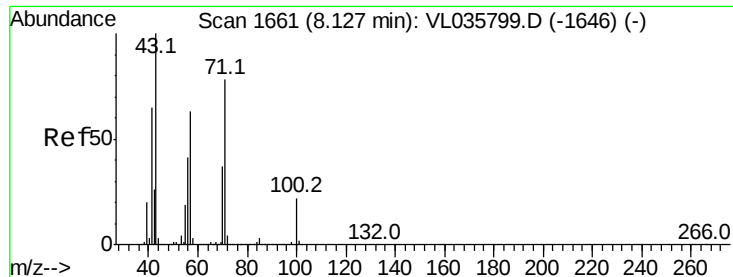
42 38.8 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.364 ppbv

RT: 8.09 min Scan# 1650

Delta R.T. -0.04 min

Lab File: VL036005.D

Acq: 24 Nov 2020 22:23

Instrument :

MSVOA_L

ClientSampleId :

SVP-02DL

Tot Ion: 43 Resp: 61000

Ion Ratio Lower Upper

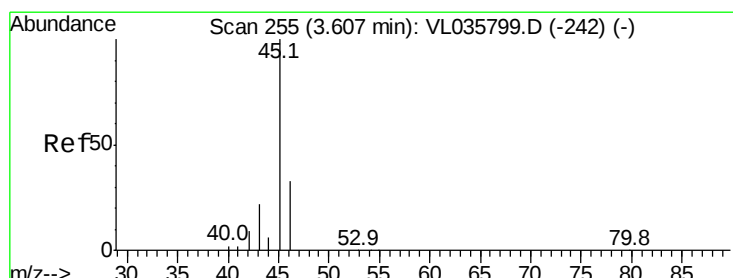
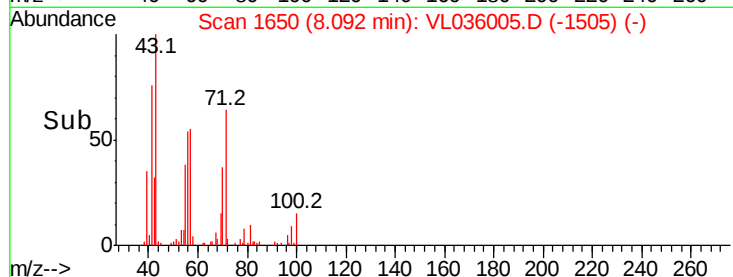
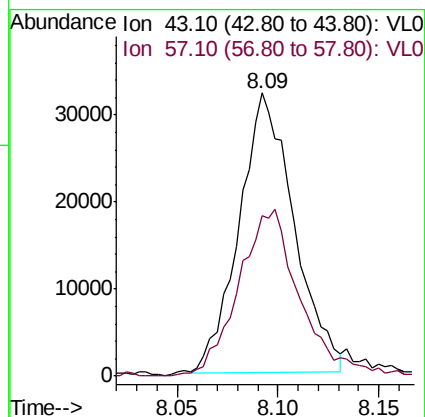
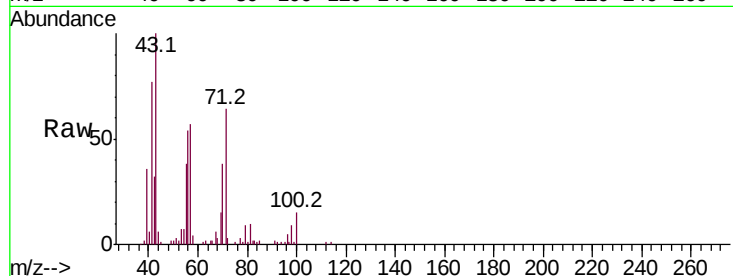
43 100

57 66.7 50.0 75.0

Manual Integrations
APPROVED

MMDadoda

11/27/2020 1:16:22 PM



#13

Ethanol

Concen: 0.386 ppbv m

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL036005.D

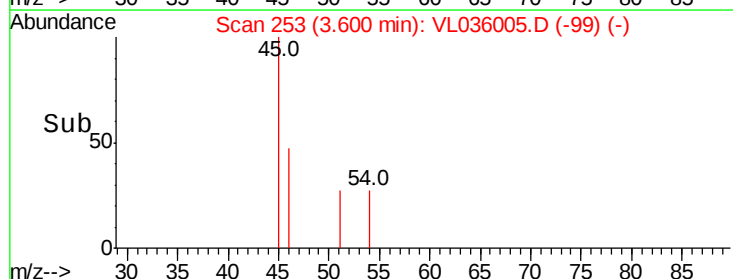
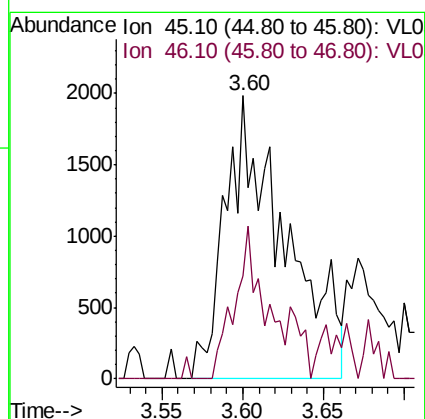
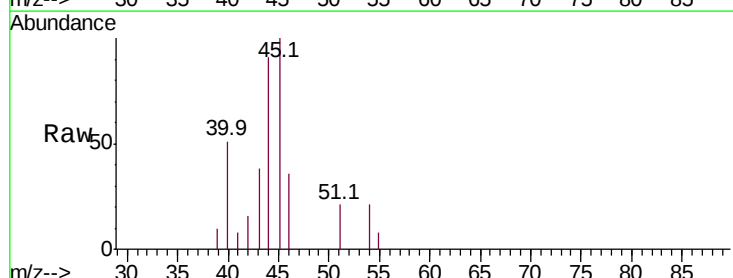
Acq: 24 Nov 2020 22:23

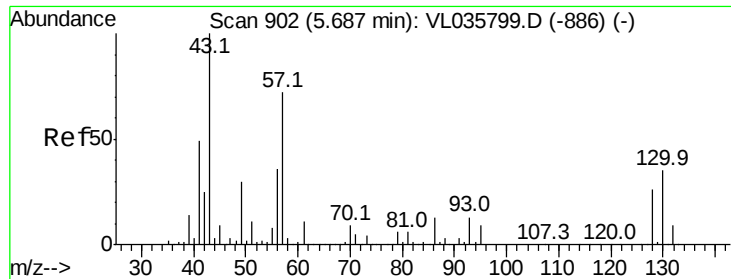
Tgt Ion: 45 Resp: 5079

Ion Ratio Lower Upper

45 100

46 0.0 16.1 64.5#





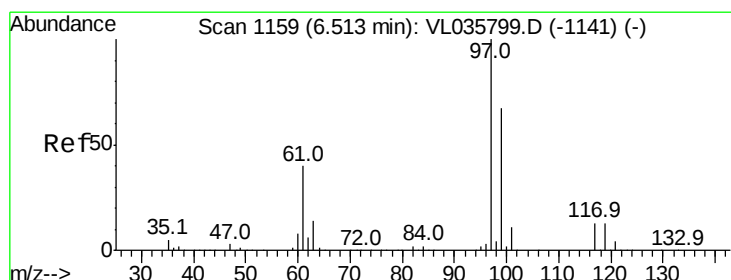
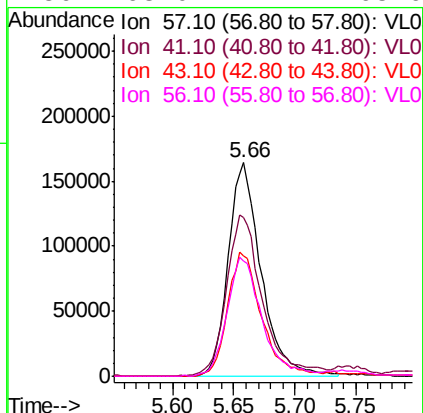
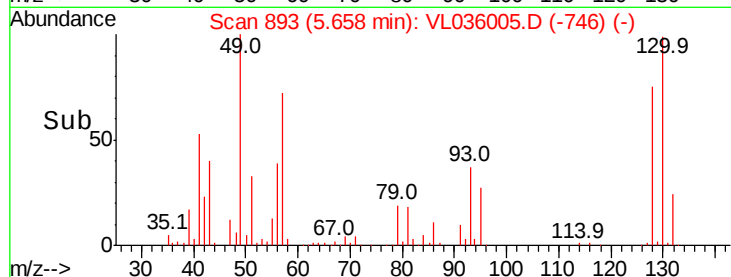
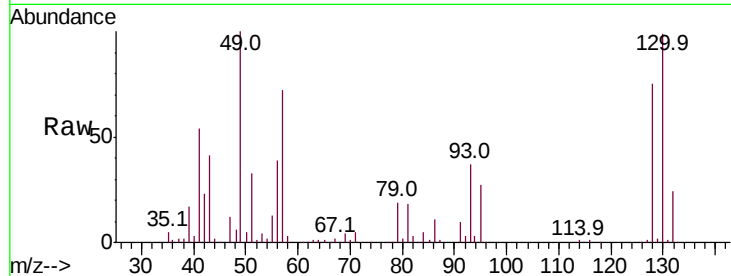
#26
Hexane
Concen: 1.922 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Instrument :
MSVOA_L
ClientSampleID :
SVP-02DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	83.1	58.9	88.3
43	63.0	150.2	225.2#
56	63.0	42.4	63.6

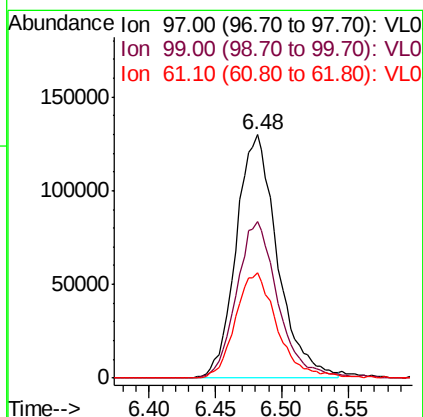
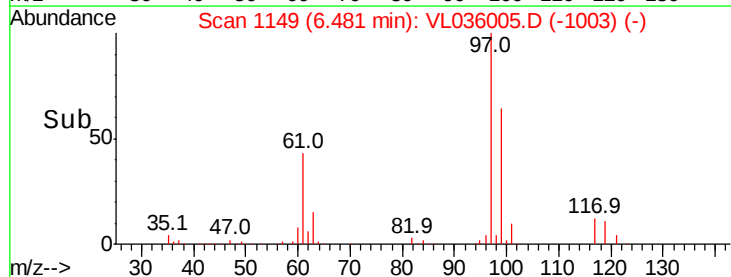
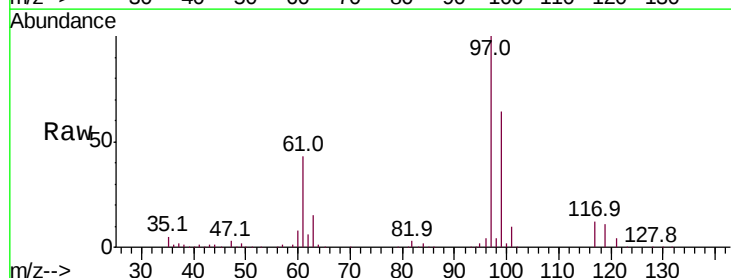
Manual Integrations
APPROVED

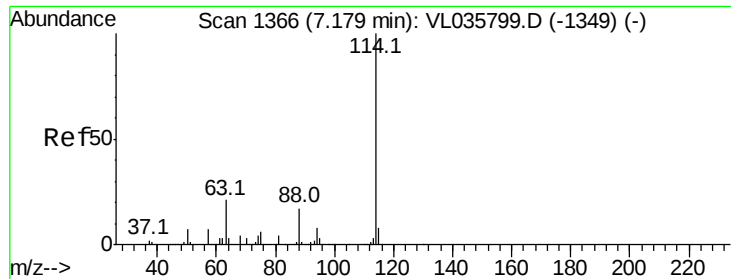
MMDadoda
11/27/2020 1:16:22 PM



#32
1,1,1-Trichloroethane
Concen: 0.852 ppbv
RT: 6.48 min Scan# 1149
Delta R.T. -0.03 min
Lab File: VL036005.D
Acq: 24 Nov 2020 22:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.3	78.5
61	44.2	32.0	48.0





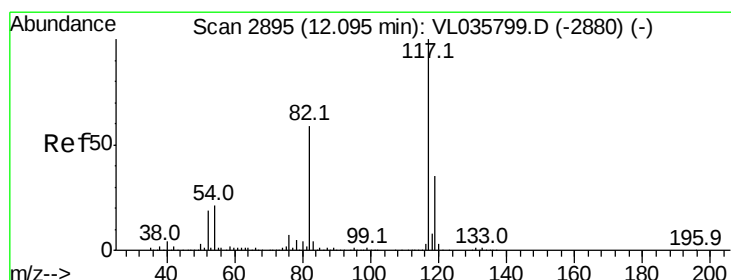
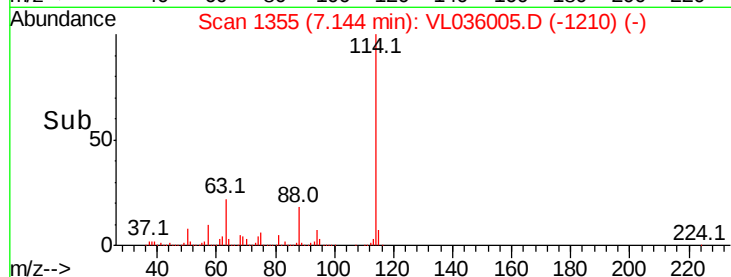
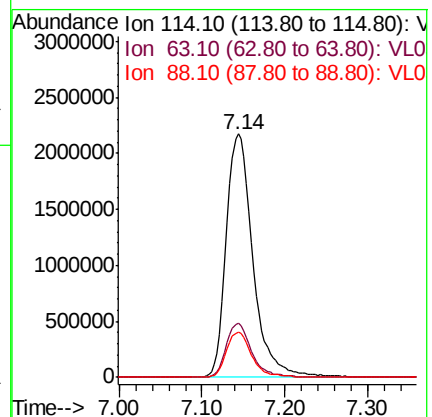
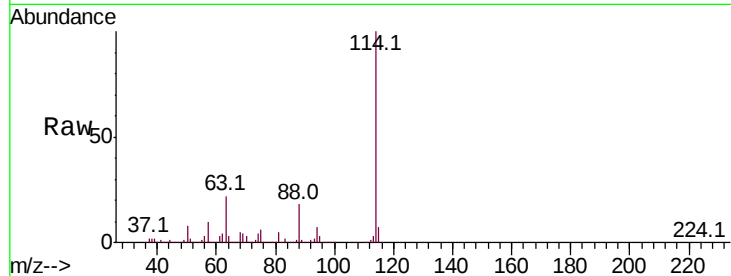
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1355
 Delta R.T. -0.04 min
 Lab File: VL036005.D
 Acq: 24 Nov 2020 22:23

Instrument :
 MSVOA_L
 ClientSampled :
 SVP-02DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	16.1	24.1
88	17.8	13.7	20.5

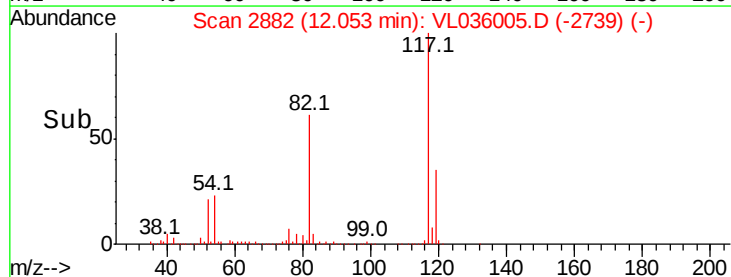
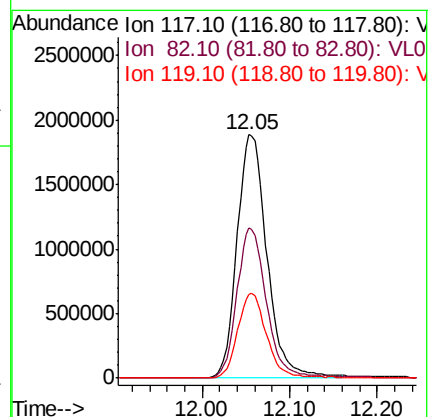
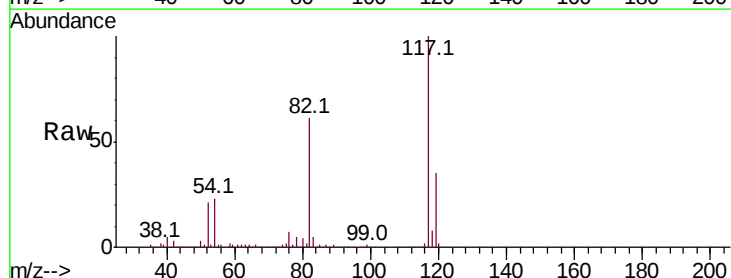
Manual Integrations
 APPROVED

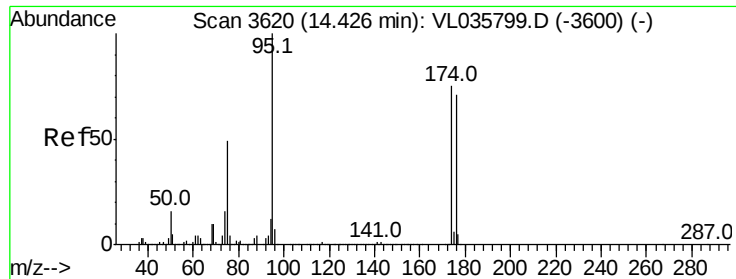
MMDadoda
 11/27/2020 1:16:22 PM



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.05 min Scan# 2882
 Delta R.T. -0.04 min
 Lab File: VL036005.D
 Acq: 24 Nov 2020 22:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.1	50.6	76.0
119	34.2	52.6	78.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.339 ppbv
 RT: 14.38 min Scan# 3607
 Delta R.T. -0.04 min
 Lab File: VL036005.D
 Acq: 24 Nov 2020 22:23

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-02DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	71.3	59.8	89.6
175	5.1	4.3	6.5

Manual Integrations
 APPROVED

MMDadoda
 11/27/2020 1:16:22 PM

