

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036527.D
 Acq On : 26 Mar 2021 23:49
 Operator : SY/AP
 Sample : M1760-16DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-9-PRE-K-TEACHER-WORK-RMD

Manual Integrations
 APPROVED

MMDadoda
 3/29/2021 4:39:47 PM

Quant Time: Mar 28 21:27:27 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 28 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	5.66	49	1298834	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3006274	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2722676	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2057609	9.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	170832m	18.543	ppbv	
15) Acetone	3.85	43	126415	0.989	ppbv #	70
19) Isopropyl Alcohol	3.98	45	55984	0.796	ppbv #	77
20) Methylene Chloride	4.35	84	69995	1.169	ppbv	94
38) Trichloroethene	7.84	130	25615m	0.237	ppbv	

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

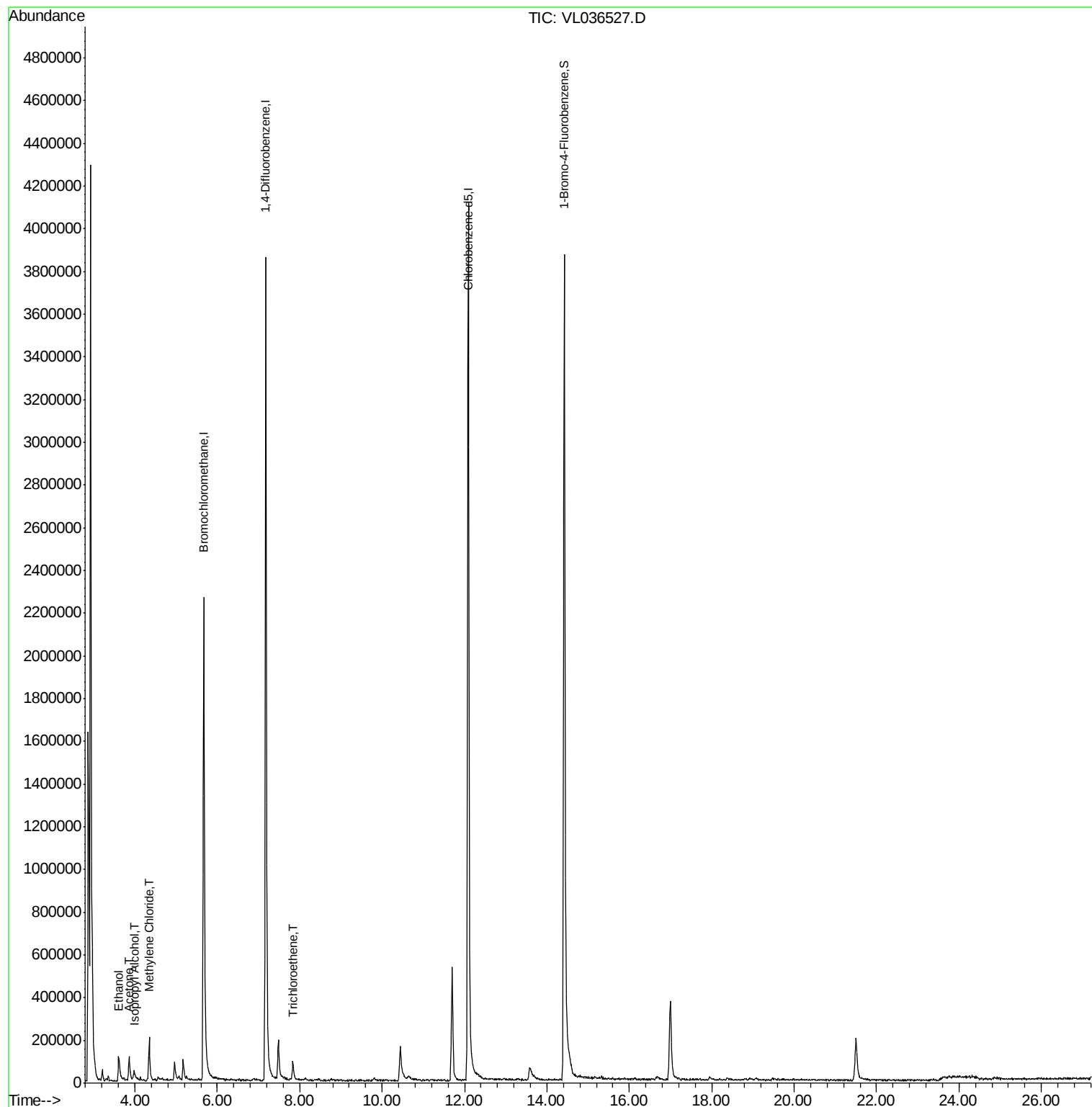
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032621\
Data File : VL036527.D
Acq On : 26 Mar 2021 23:49
Operator : SY/AP
Sample : M1760-16DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SS-9-PRE-K-TEACHER-WORK-RMD

Manual Integrations
APPROVED

MMDadoda
3/29/2021 4:39:47 PM

Quant Time: Mar 28 21:27:27 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: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL036527.D

Acq: 26 Mar 2021 23:49

Instrument :

MSVOA_L

ClientSampleId :

SS-9-PRE-K-TEACHER-WORK-RMD

Tot Ion: 49 Resp: 1298834

Ion Ratio Lower Upper

49 100

128 45.2 23.5 70.6

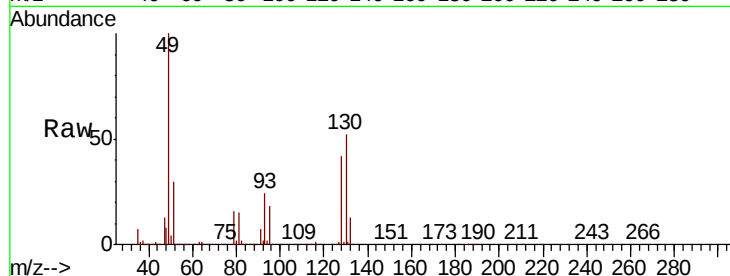
130 58.4 29.1 87.4

Manual Integrations

APPROVED

MMDadoda

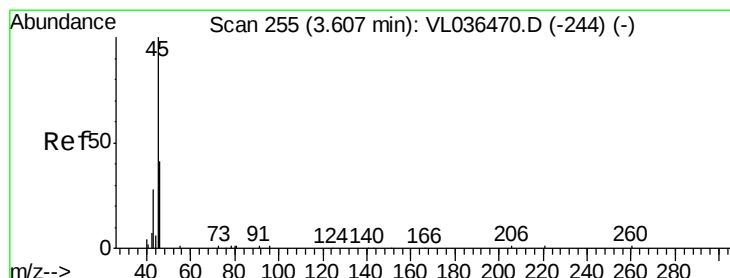
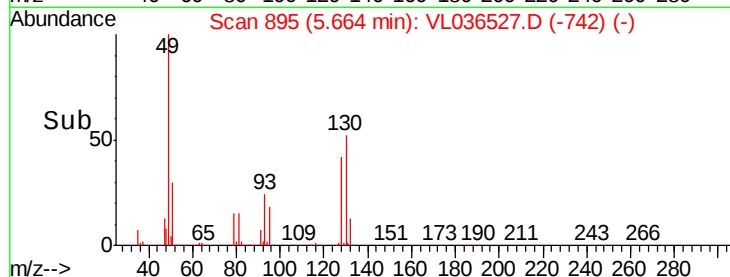
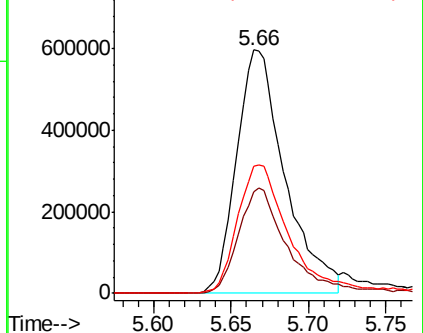
3/29/2021 4:39:47 PM



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



#13

Ethanol

Concen: 18.543 ppbv m

RT: 3.61 min Scan# 257

Delta R.T. 0.01 min

Lab File: VL036527.D

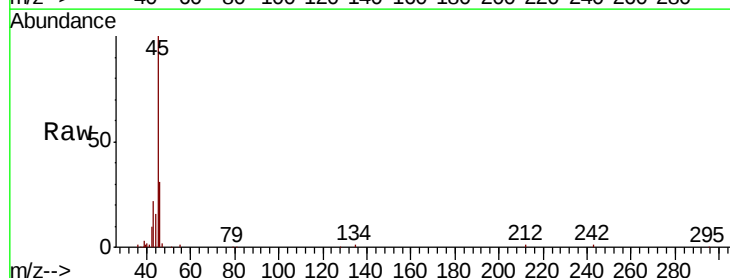
Acq: 26 Mar 2021 23:49

Tgt Ion: 45 Resp: 170832

Ion Ratio Lower Upper

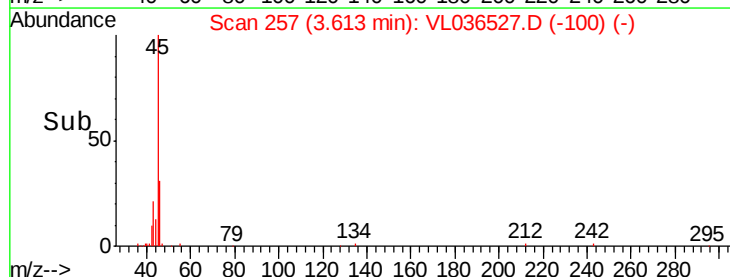
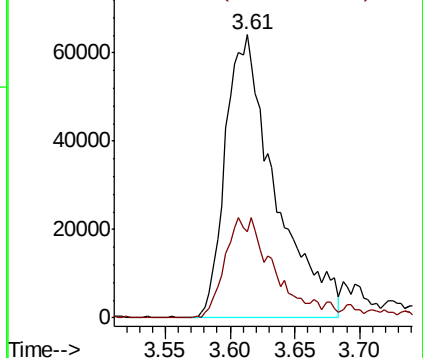
45 100

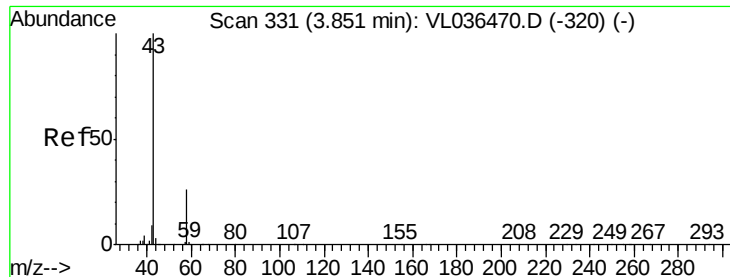
46 34.9 16.6 66.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 0.989 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.00 min

Lab File: VL036527.D

Acq: 26 Mar 2021 23:49

Instrument :

MSVOA_L

ClientSampleId :

SS-9-PRE-K-TEACHER-WORK-RMD

Tot Ion: 43 Resp: 126415

Ion Ratio Lower Upper

43 100

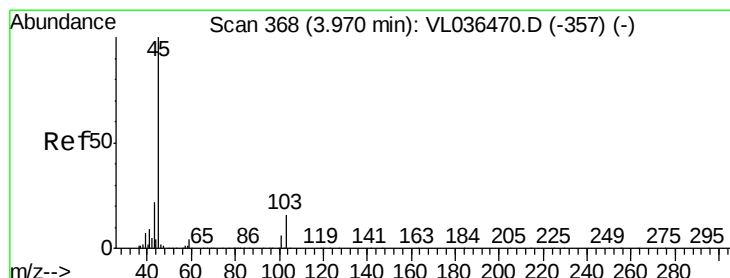
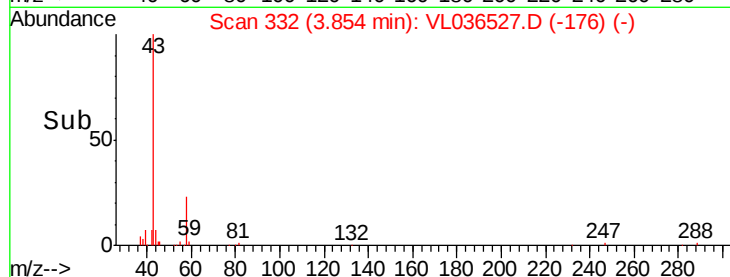
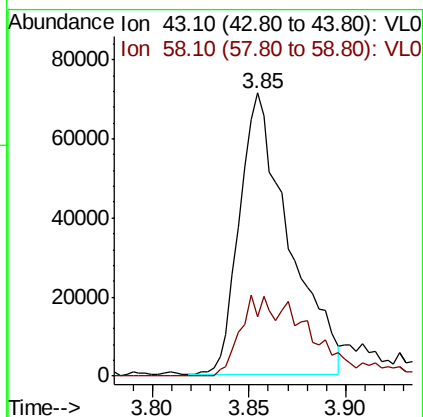
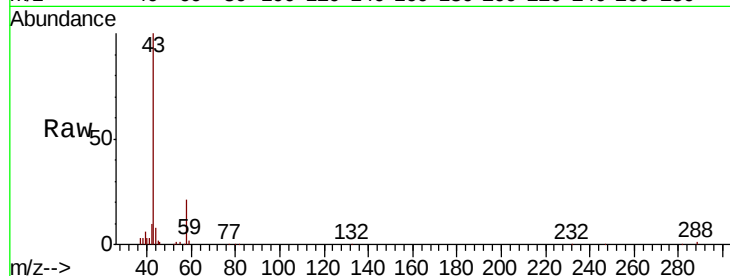
58 41.7 21.2 31.8#

Manual Integrations

APPROVED

MMDadoda

3/29/2021 4:39:47 PM



#19

Isopropyl Alcohol

Concen: 0.796 ppbv

RT: 3.98 min Scan# 371

Delta R.T. 0.01 min

Lab File: VL036527.D

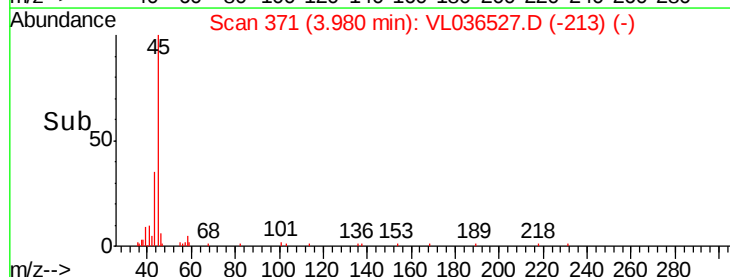
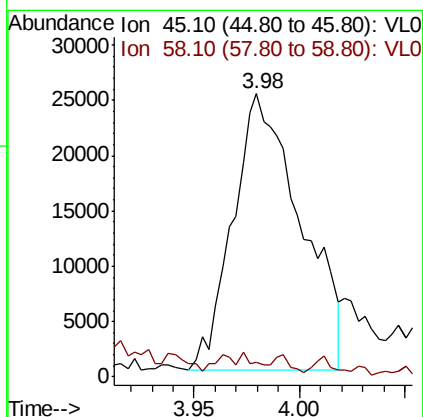
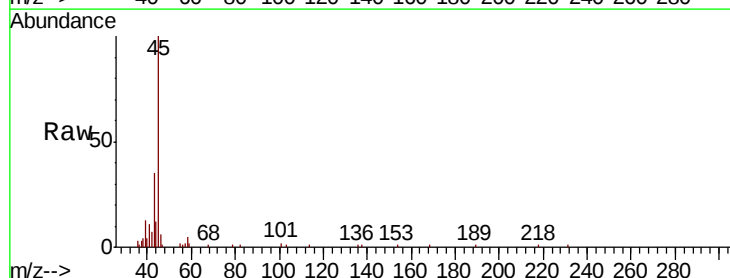
Acq: 26 Mar 2021 23:49

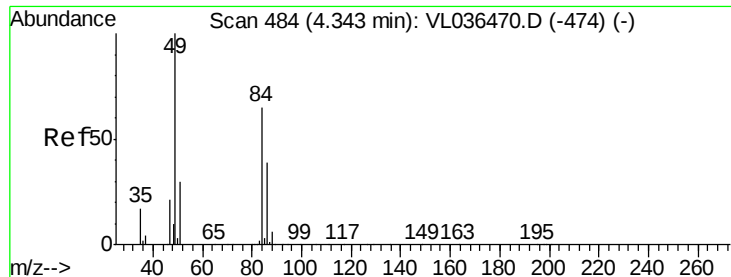
Tgt Ion: 45 Resp: 55984

Ion Ratio Lower Upper

45 100

58 11.0 2.9 4.3#





#20

Methvlene Chloride

Concen: 1.169 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL036527.D

Acq: 26 Mar 2021 23:49

Instrument :

MSVOA_L

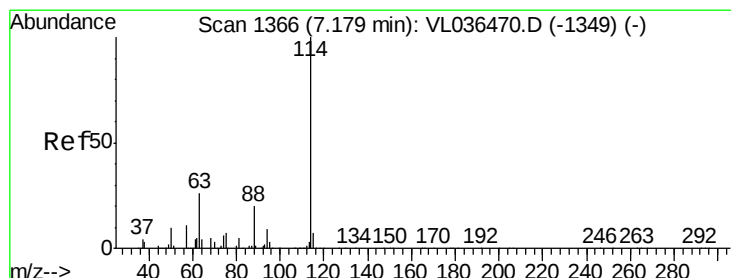
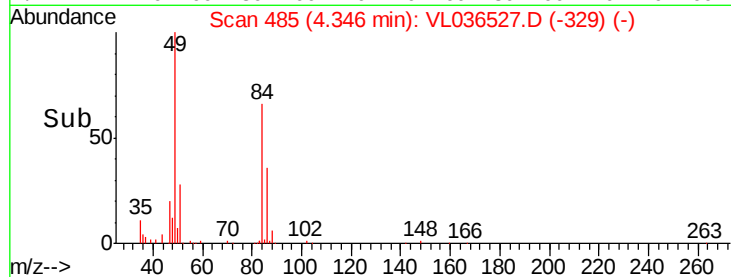
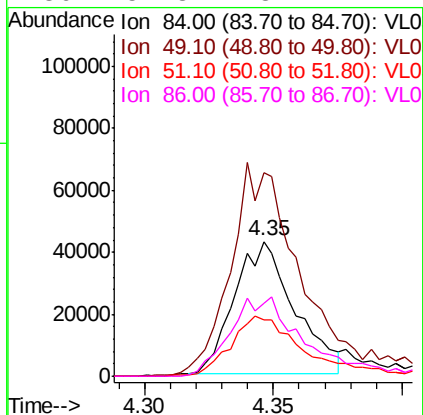
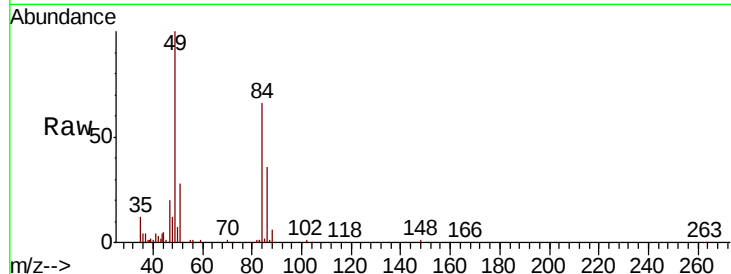
ClientSampleId :

SS-9-PRE-K-TEACHER-WORK-RMD

Tot Ion:	84	Resp:	69995
Ion	Ratio	Lower	Upper
84	100		
49	147.8	122.9	184.3
51	41.3	36.9	55.3
86	54.3	48.2	72.4

Manual Integrations
APPROVED

MMDadoda
3/29/2021 4:39:47 PM



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

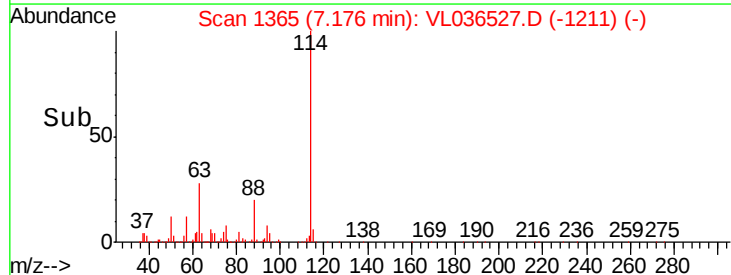
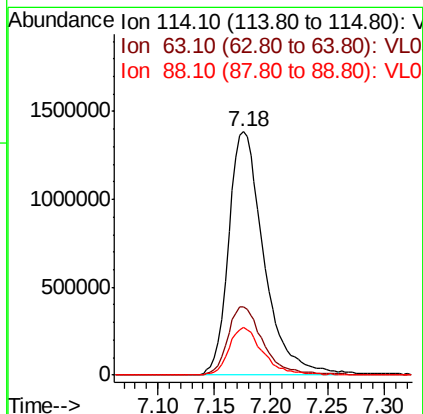
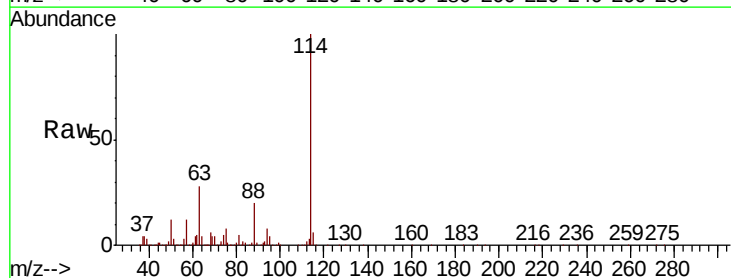
RT: 7.18 min Scan# 1365

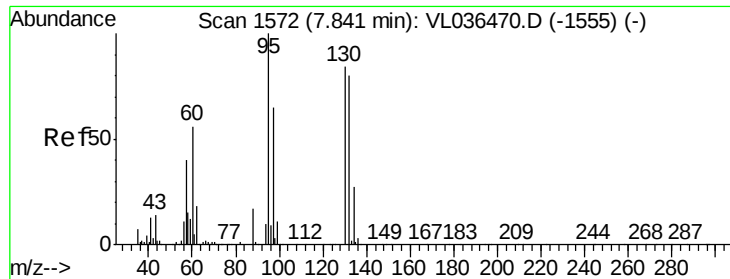
Delta R.T. -0.00 min

Lab File: VL036527.D

Acq: 26 Mar 2021 23:49

Tgt Ion:	114	Resp:	3006274
Ion	Ratio	Lower	Upper
114	100		
63	28.6	22.4	33.6
88	19.4	15.4	23.0





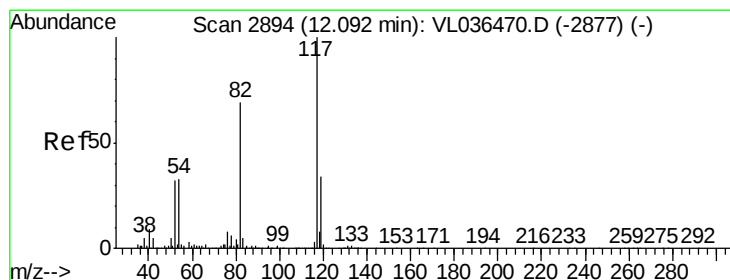
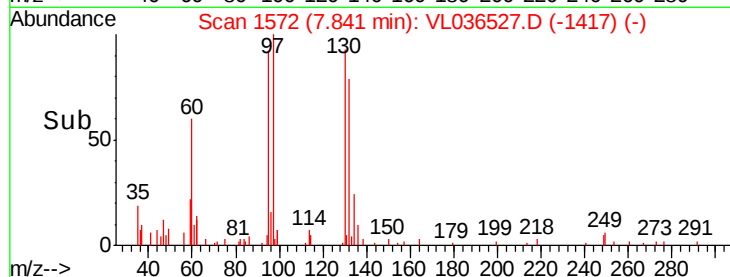
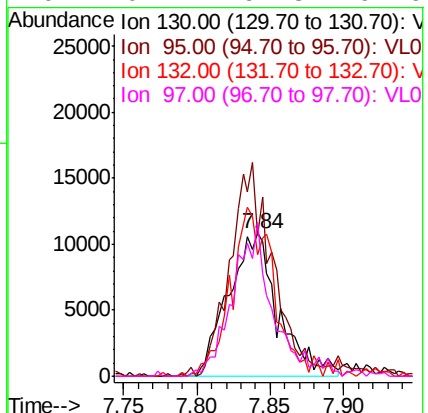
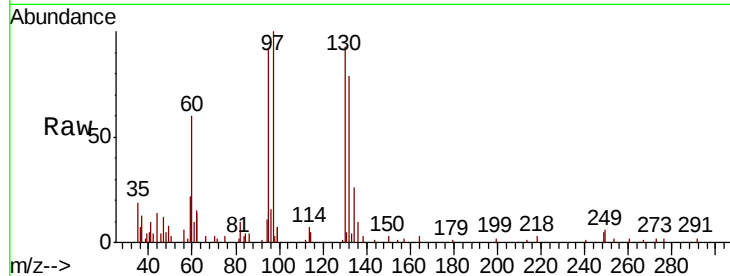
#38
 Trichloroethene
 Concen: 0.237 ppbv m
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: VL036527.D
 Acq: 26 Mar 2021 23:49

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-9-PRE-K-TEACHER-WORK-RMD

Tot Ion	Ratio	Lower	Upper
130	100		
95	98.4	95.7	143.5
132	84.9	76.2	114.4
97	107.4	61.8	92.6#

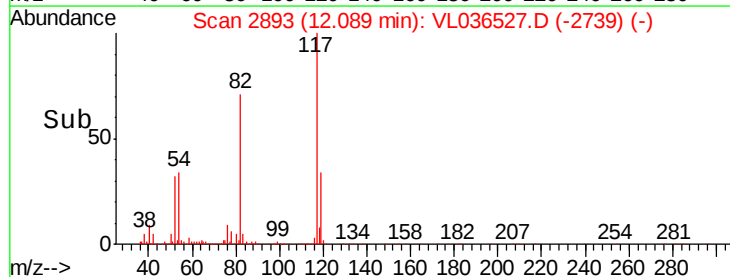
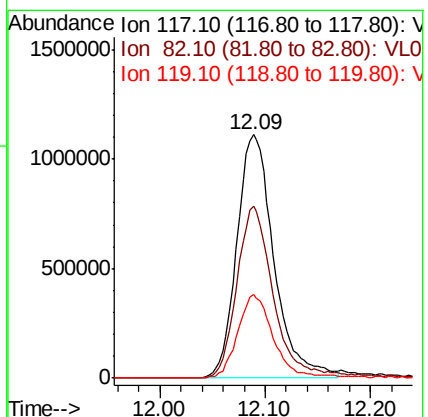
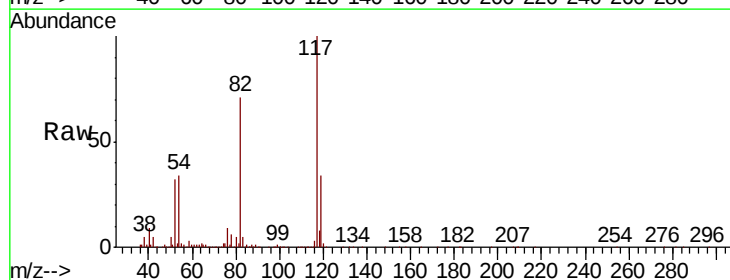
Manual Integrations
 APPROVED

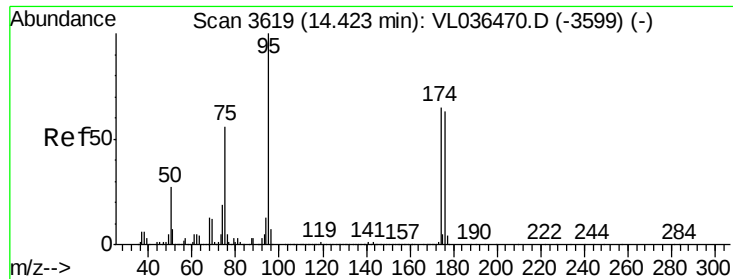
MMDadoda
 3/29/2021 4:39:47 PM



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T. -0.00 min
 Lab File: VL036527.D
 Acq: 26 Mar 2021 23:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	71.6	57.4	86.0
119	33.8	47.4	71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.482 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.00 min

Lab File: VL036527.D

Acq: 26 Mar 2021 23:49

Instrument :

MSVOA_L

ClientSampleId :

SS-9-PRE-K-TEACHER-WORK-RMD

Tot Ion: 95 Resp: 2057609

Ion Ratio Lower Upper

95 100

174 66.5 51.0 76.6

175 4.9 3.9 5.9

Manual Integrations

APPROVED

MMDadoda

3/29/2021 4:39:47 PM

