

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
 Data File : VL037004.D
 Acq On : 19 May 2021 23:10
 Operator : SY/AP
 Sample : M2424-07
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-06

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:02:10 PM

Quant Time: May 22 22:39:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1188931	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3559259	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3294435	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2762919	11.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	39445	0.196	ppbv	100
3) Chlorodifluoromethane	2.97	51	53070	0.244	ppbv	93
4) Chloromethane	3.12	50	42028	0.567	ppbv	94
9) Propene	3.00	41	245319	3.145	ppbv	94
10) Heptane	8.10	43	162904	0.838	ppbv	99
11) Trichlorofluoromethane	3.93	101	42334	0.227	ppbv	87
12) 1,1,2-Trichlorotrifluoroet	4.47	101	13736m	0.103	ppbv	
13) Ethanol	3.60	45	493910	47.462	ppbv	94
15) Acetone	3.83	43	9627017	79.053	ppbv	98
17) tert-Butyl alcohol	4.29	59	91858	0.823	ppbv #	92
19) Isopropyl Alcohol	3.96	45	129222	1.974	ppbv #	30
20) Methylene Chloride	4.32	84	2116861	32.428	ppbv	99
24) 1,1-Dichloroethane	4.99	63	119551	0.859	ppbv	97
26) Hexane	5.66	57	2064580	13.811	ppbv #	45
27) Carbon Disulfide	4.53	76	174095	1.156	ppbv	98
29) Chloroform	5.73	83	690771	3.271	ppbv	98
30) Cyclohexane	7.11	84	55061m	0.433	ppbv	
32) 1,1,1-Trichloroethane	6.49	97	2531448	11.162	ppbv	99
34) 2-Butanone	5.23	43	760697	5.870	ppbv	99
36) Benzene	6.87	78	85641	0.279	ppbv	96
38) Trichloroethene	7.81	130	17982m	0.137	ppbv	
52) Tetrachloroethene	11.19	164	163516m	1.341	ppbv	
53) Toluene	9.78	91	421148	1.154	ppbv	99
58) Ethyl Benzene	12.69	91	101467	0.218	ppbv	91
59) m/p-Xylene	12.94	91	217709m	0.566	ppbv	
60) o-Xylene	13.66	91	88002	0.240	ppbv	96
61) Styrene	13.50	104	53640	0.260	ppbv #	87
64) n-propylbenzene	15.54	120	19224m	0.141	ppbv	
72) 4-Ethyltoluene	15.82	105	104502	0.240	ppbv #	86
73) 1,3,5-Trimethylbenzene	15.97	105	125888	0.308	ppbv	97
74) 1,2,4-Trimethylbenzene	16.74	105	361679	0.856	ppbv #	71

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

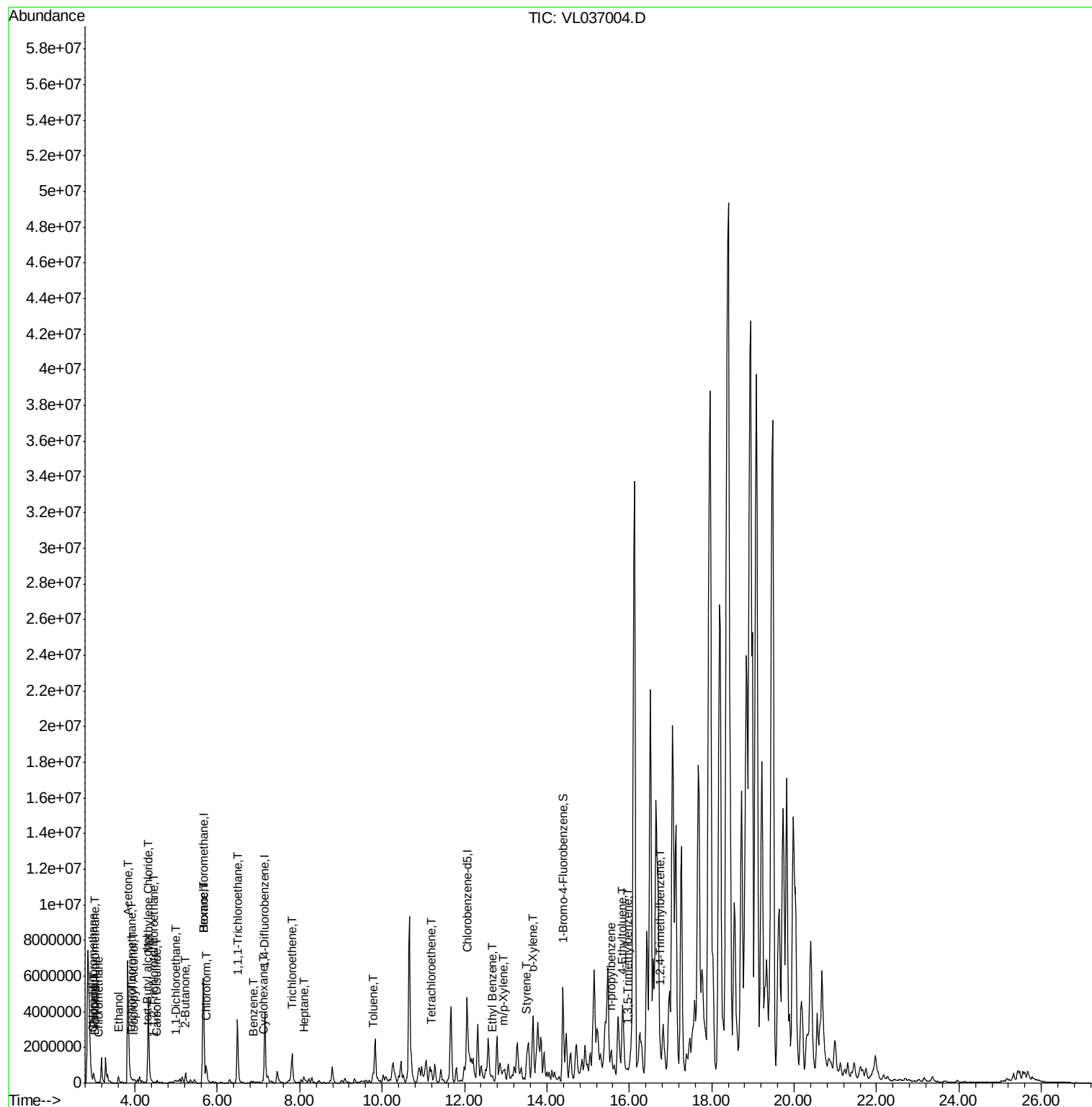
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL051921\
Data File : VL037004.D
Acq On : 19 May 2021 23:10
Operator : SY/AP
Sample : M2424-07
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

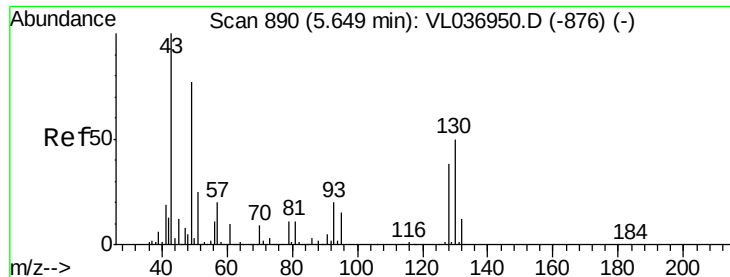
Instrument :
MSVOA_L
ClientSampleId :
KSV-06

Manual Integrations
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5/24/2021 3:02:10 PM

Quant Time: May 22 22:39:54 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL037004.D

Acq: 19 May 2021 23:10

Instrument :

MSVOA_L

ClientSampled :

KSV-06

Tot Ion: 49 Resp: 1188931

Ion Ratio Lower Upper

49 100

128 54.5 26.9 80.7

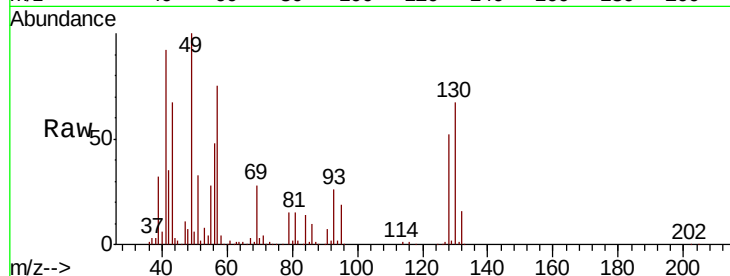
130 69.6 33.8 101.4

Manual Integrations

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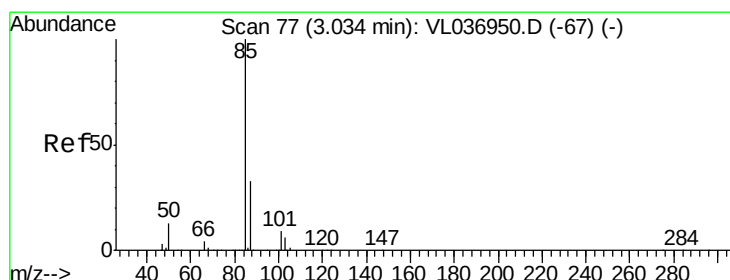
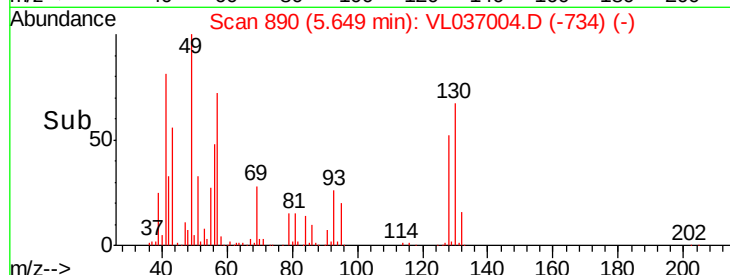
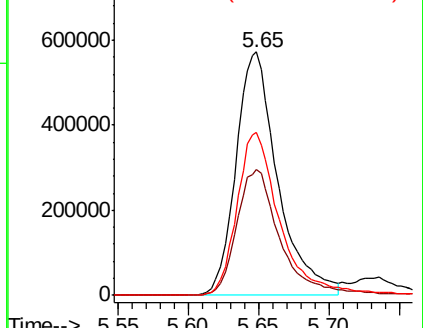
5/24/2021 3:02:10 PM



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



#2

Dichlorodifluoromethane

Concen: 0.196 ppbv

RT: 3.03 min Scan# 77

Delta R.T. 0.00 min

Lab File: VL037004.D

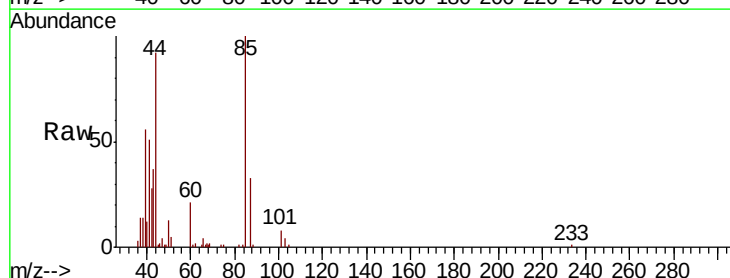
Acq: 19 May 2021 23:10

Tgt Ion: 85 Resp: 39445

Ion Ratio Lower Upper

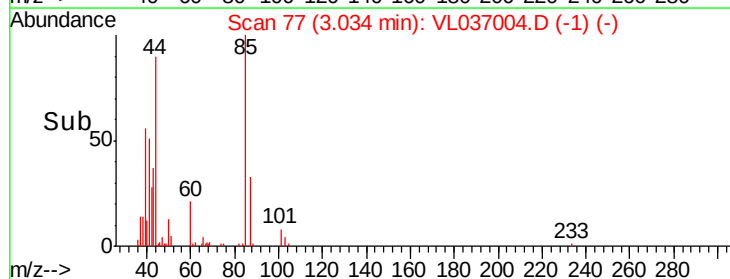
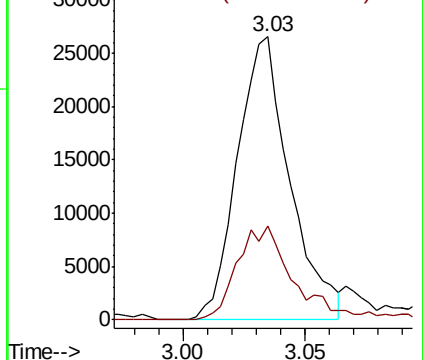
85 100

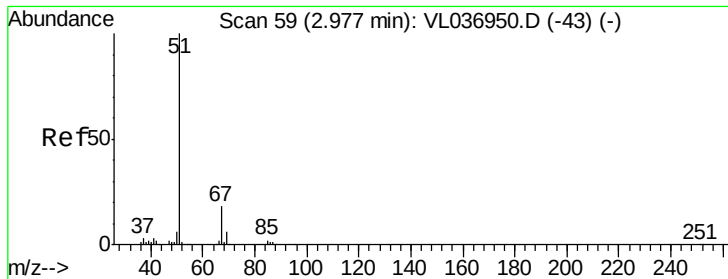
87 33.4 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.244 ppbv

RT: 2.97 min Scan# 58

Delta R.T. -0.00 min

Lab File: VL037004.D

Acq: 19 May 2021 23:10

Instrument :

MSVOA_L

ClientSampleId :

KSV-06

Tot Ion: 51 Resp: 53070

Ion Ratio Lower Upper

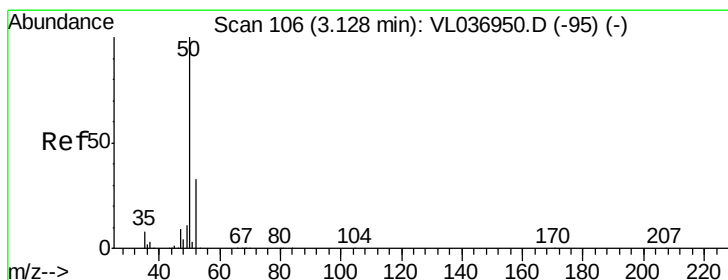
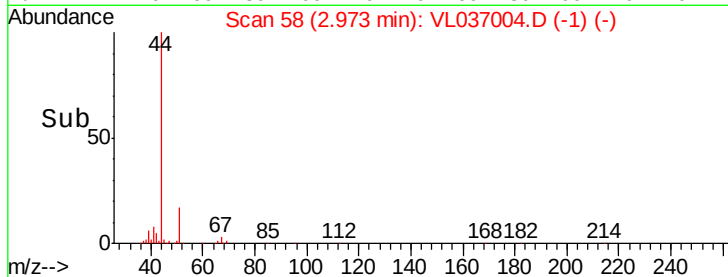
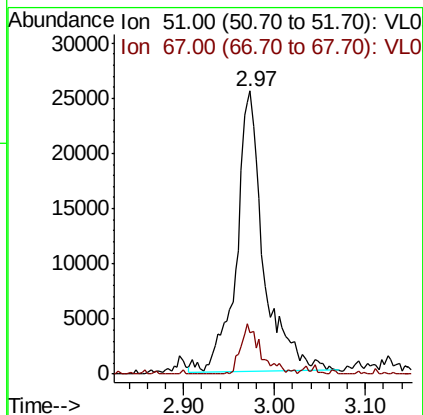
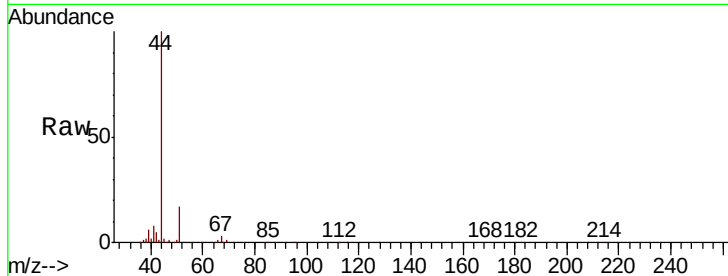
51 100

67 14.9 14.6 21.8

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#4

Chloromethane

Concen: 0.567 ppbv

RT: 3.12 min Scan# 104

Delta R.T. -0.01 min

Lab File: VL037004.D

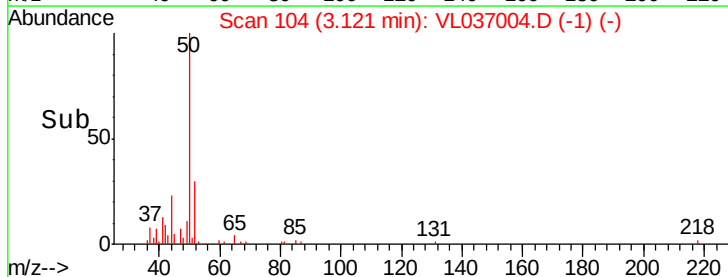
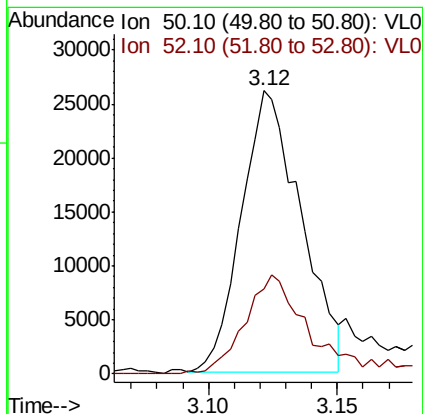
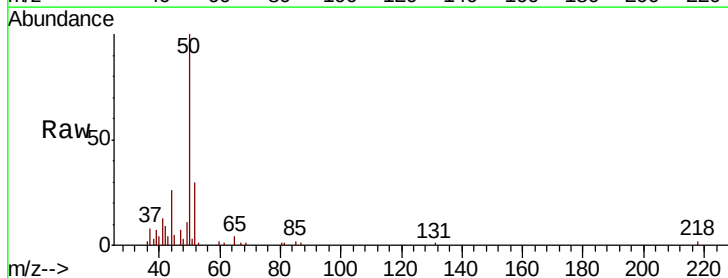
Acq: 19 May 2021 23:10

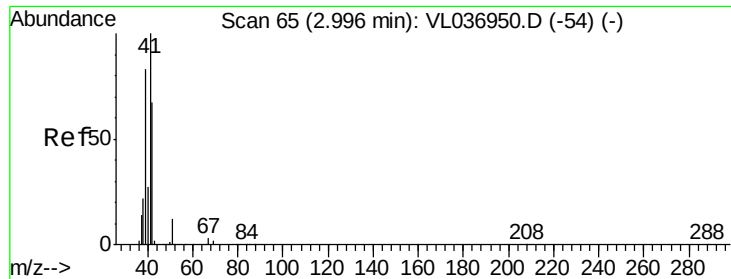
Tgt Ion: 50 Resp: 42028

Ion Ratio Lower Upper

50 100

52 29.3 26.1 39.1





#9

Propene

Concen: 3.145 ppbv

RT: 3.00 min Scan# 65

Delta R.T. 0.00 min

Lab File: VL037004.D

Acq: 19 May 2021 23:10

Instrument :

MSVOA_L

ClientSampled :

KSV-06

Tot Ion: 41 Resp: 245319

Ion Ratio Lower Upper

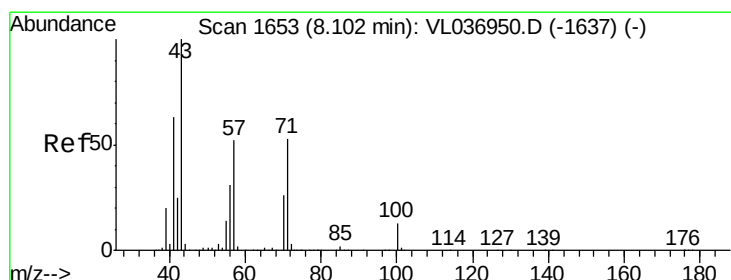
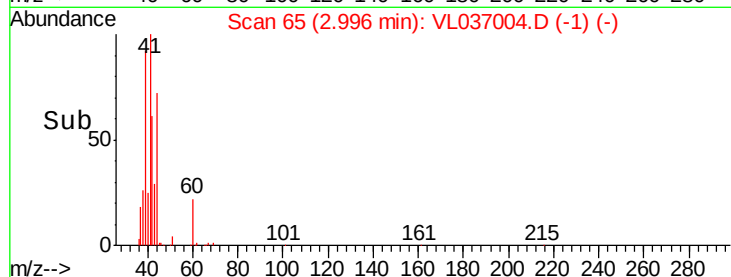
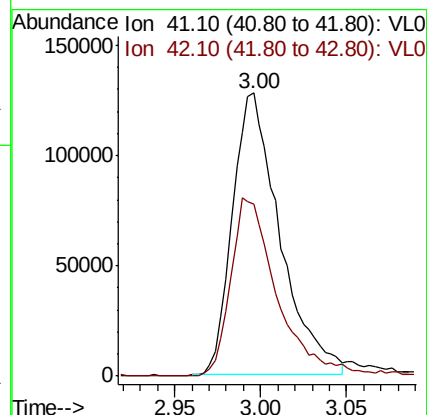
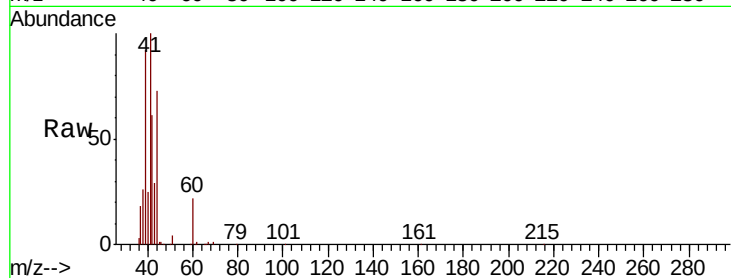
41 100

42 63.0 53.9 80.9

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#10

Heptane

Concen: 0.838 ppbv

RT: 8.10 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VL037004.D

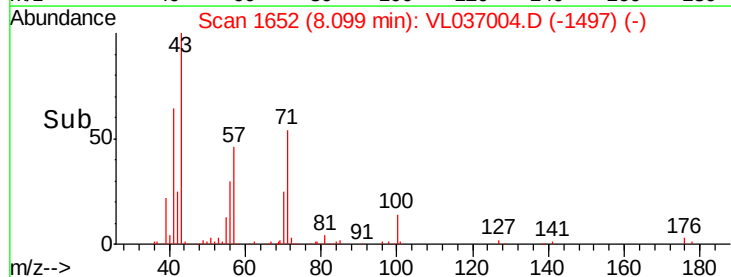
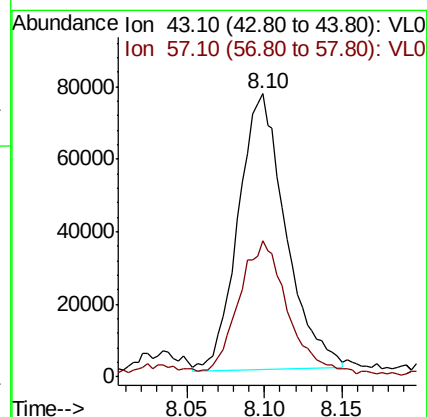
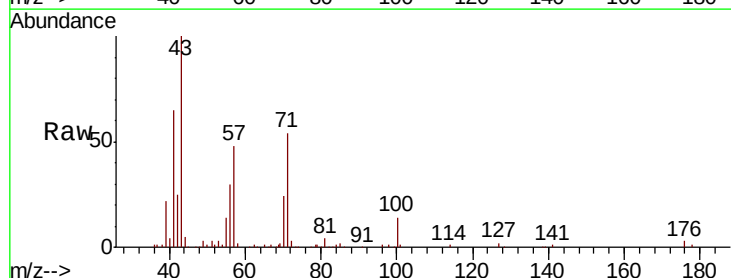
Acq: 19 May 2021 23:10

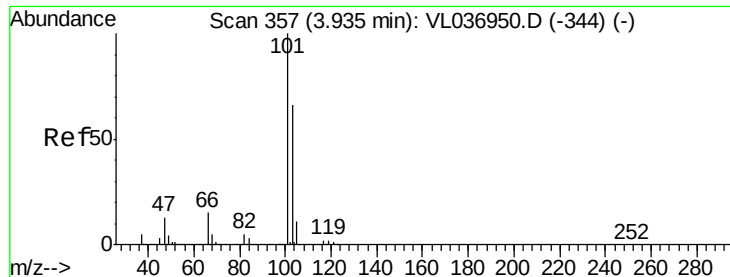
Tgt Ion: 43 Resp: 162904

Ion Ratio Lower Upper

43 100

57 52.0 41.0 61.6





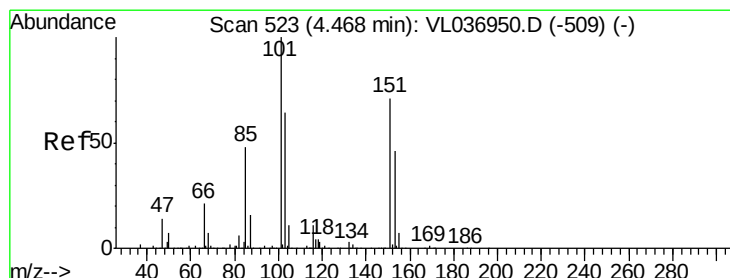
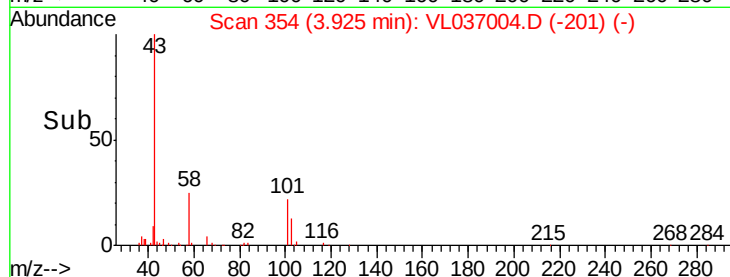
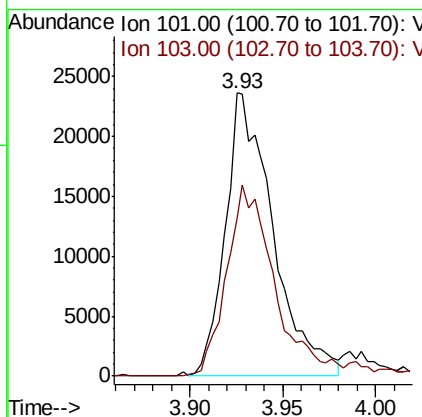
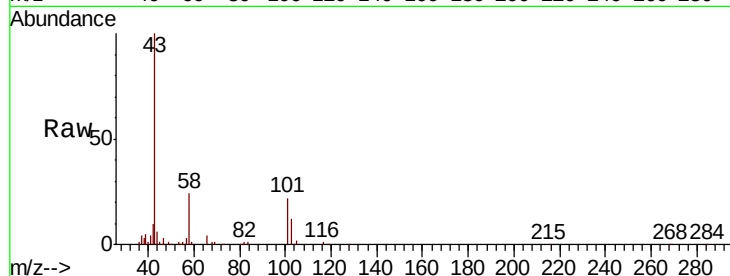
#11
 Trichlorofluoromethane
 Concen: 0.227 ppbv
 RT: 3.93 min Scan# 354
 Delta R.T. -0.01 min
 Lab File: VL037004.D
 Acq: 19 May 2021 23:10

Instrument :
 MSVOA_L
 ClientSampled :
 KSV-06

Tot Ion	Ratio	Lower	Upper
101	100		
103	55.3	52.6	79.0

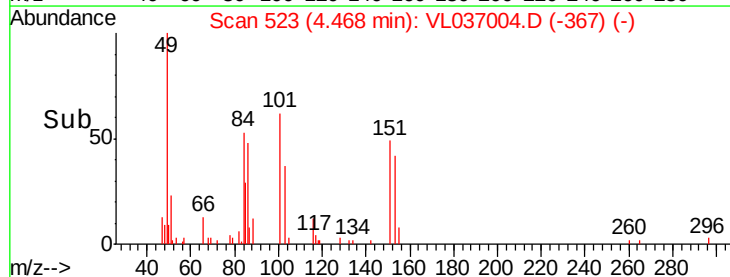
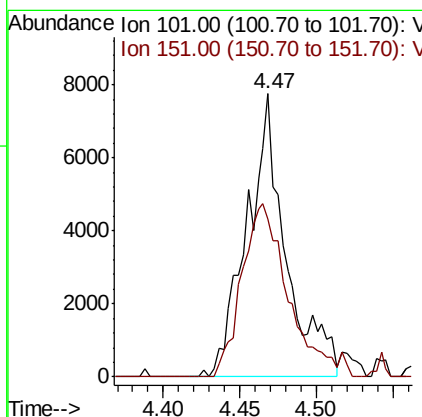
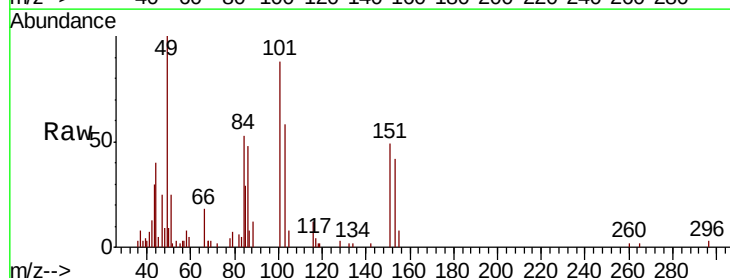
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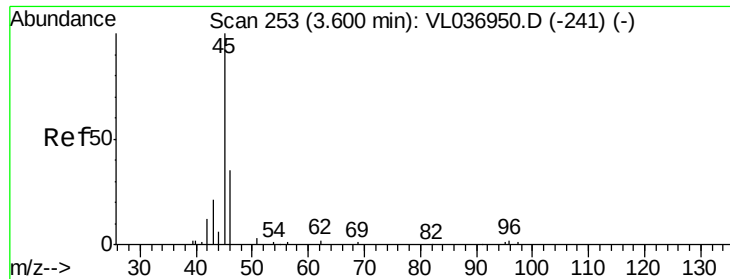
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.103 ppbv m
 RT: 4.47 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: VL037004.D
 Acq: 19 May 2021 23:10

Tgt Ion	Ratio	Lower	Upper
101	100		
151	73.4	57.7	86.5





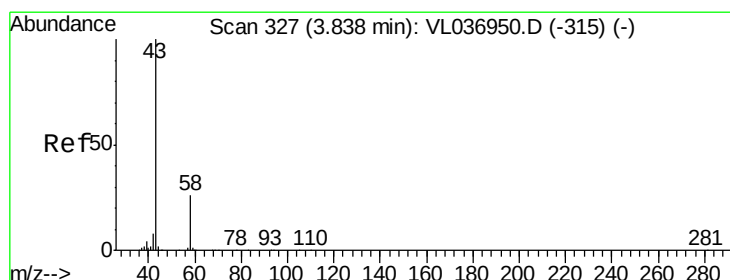
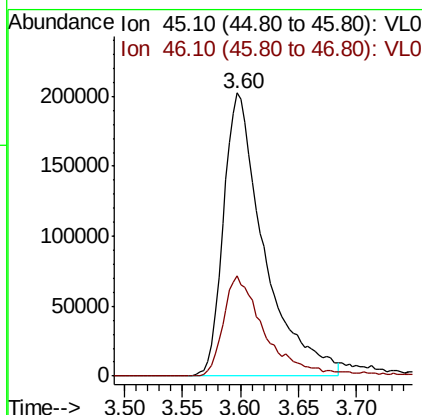
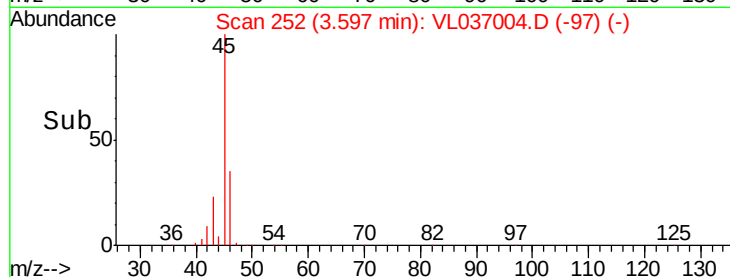
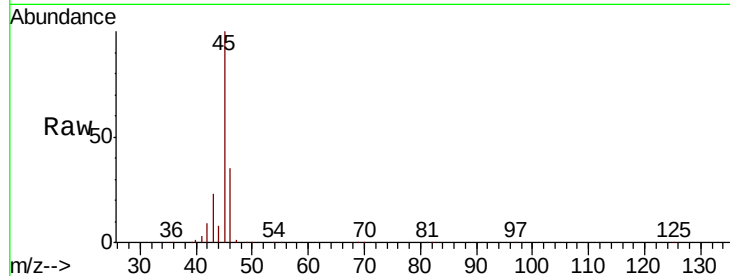
#13
Ethanol
Concen: 47.462 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.00 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Instrument :
MSVOA_L
ClientSampleId :
KSV-06

Tot Ion: 45 Resp: 493910
Ion Ratio Lower Upper
45 100
46 37.2 16.3 65.3

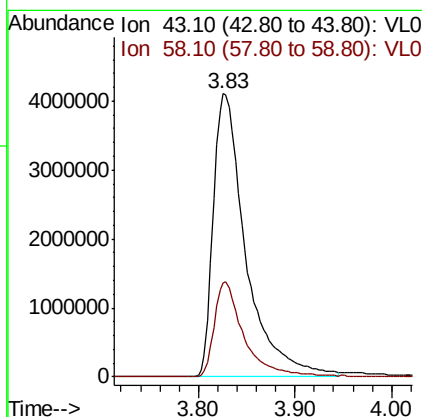
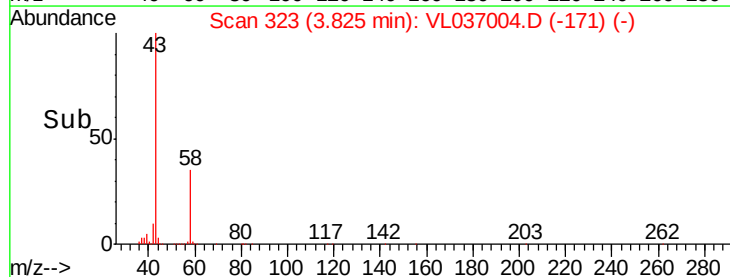
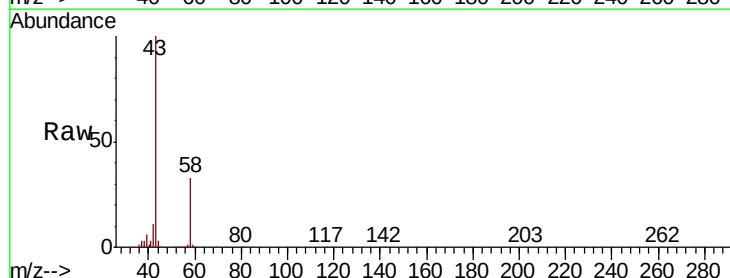
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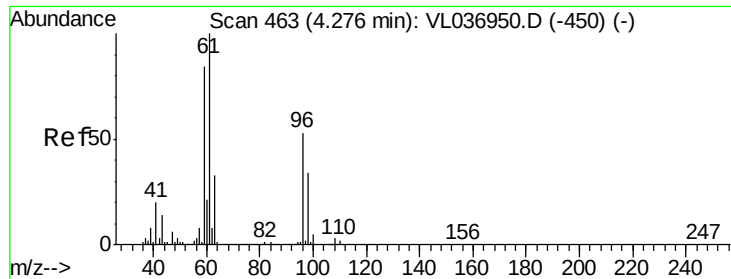
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#15
Acetone
Concen: 79.053 ppbv
RT: 3.83 min Scan# 323
Delta R.T. -0.01 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Tgt Ion: 43 Resp: 9627017
Ion Ratio Lower Upper
43 100
58 31.3 24.0 36.0





#17

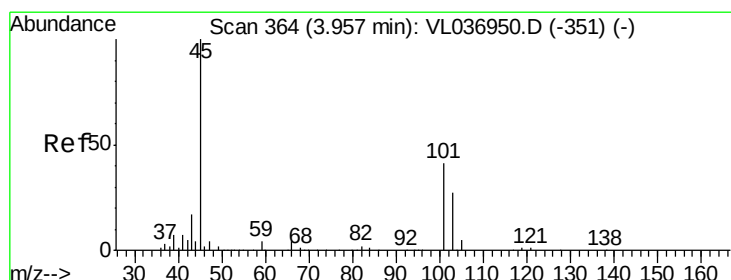
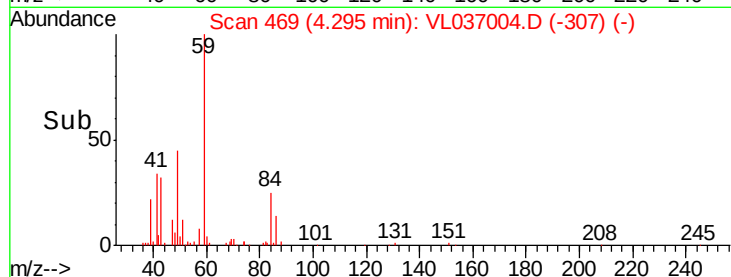
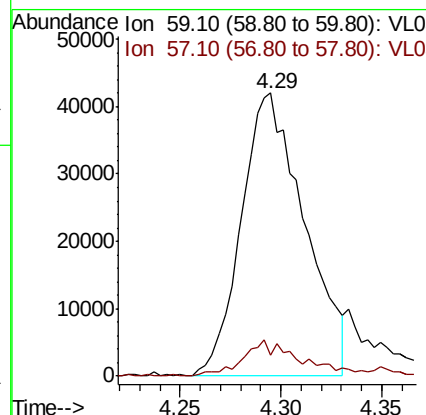
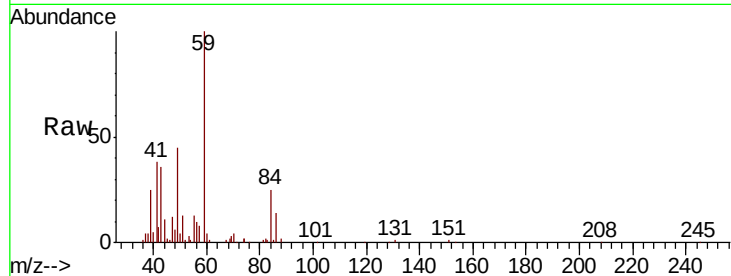
tert-Butyl alcohol
Concen: 0.823 ppbv
RT: 4.29 min Scan# 469
Delta R.T. 0.02 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Instrument :
MSVOA_L
ClientSampleId :
KSV-06

Tot Ion: 59 Resp: 91858
Ion Ratio Lower Upper
59 100
57 13.3 8.3 12.5#

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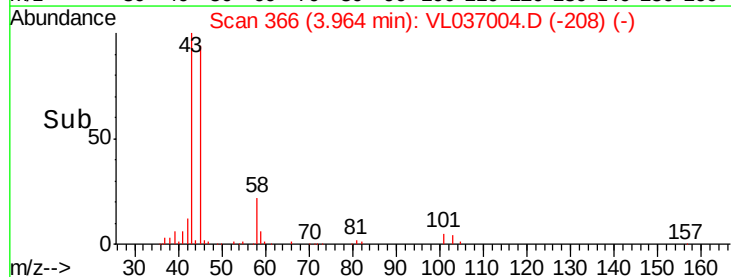
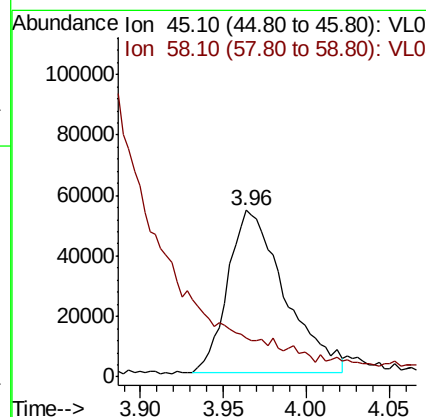
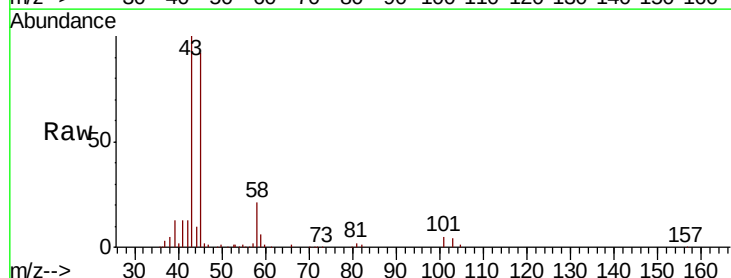
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5/24/2021 3:02:10 PM

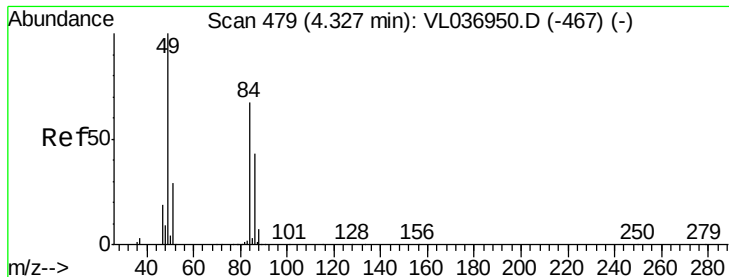


#19

Isopropyl Alcohol
Concen: 1.974 ppbv
RT: 3.96 min Scan# 366
Delta R.T. 0.01 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Tgt Ion: 45 Resp: 129222
Ion Ratio Lower Upper
45 100
58 0.0 37.2 55.8#





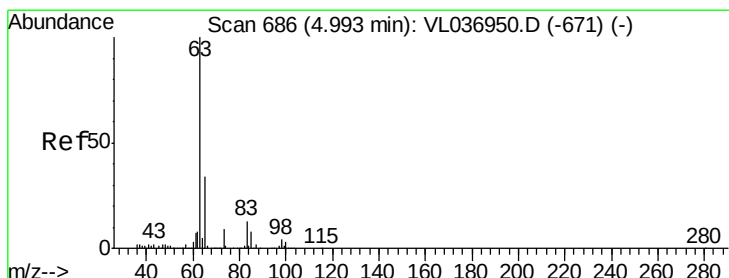
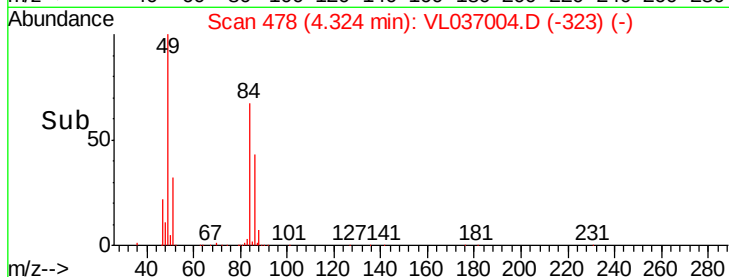
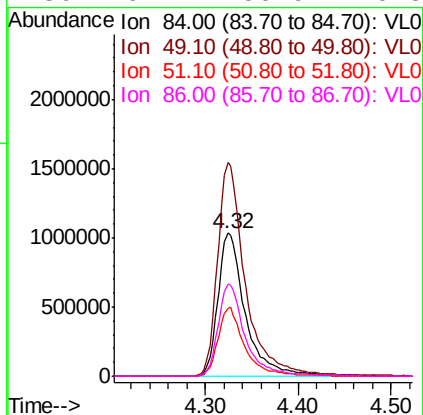
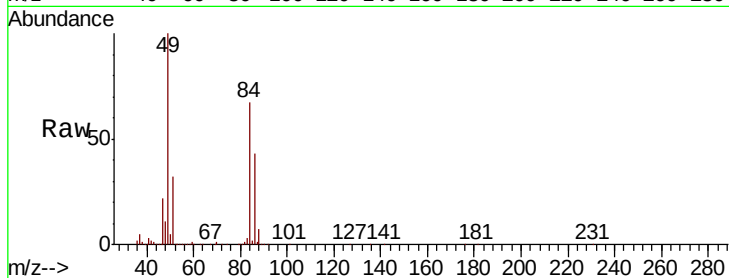
#20
Methylene Chloride
Concen: 32.428 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Instrument :
MSVOA_L
ClientSampleId :
KSV-06

Tot Ion	Ratio	Lower	Upper
84	100		
49	149.6	119.8	179.6
51	47.0	35.1	52.7
86	64.4	50.9	76.3

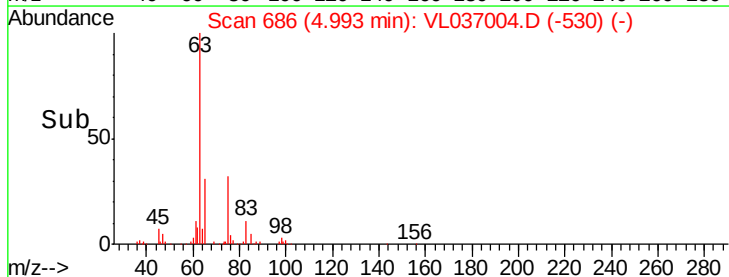
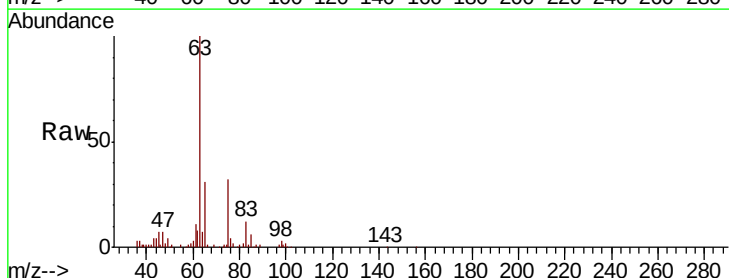
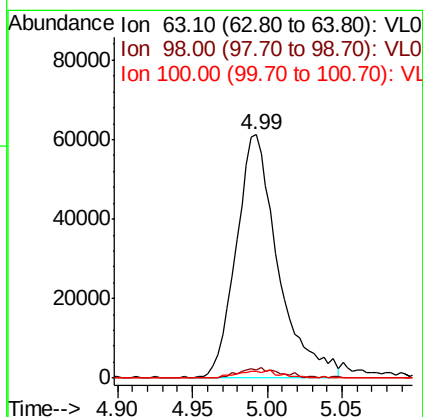
Manual Integrations
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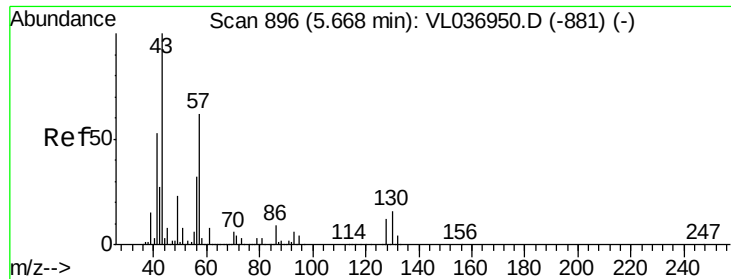
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5/24/2021 3:02:10 PM



#24
1,1-Dichloroethane
Concen: 0.859 ppbv
RT: 4.99 min Scan# 686
Delta R.T. 0.00 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Tgt Ion	Ratio	Lower	Upper
63	100		
98	3.3	2.3	6.9
100	2.6	1.4	4.0





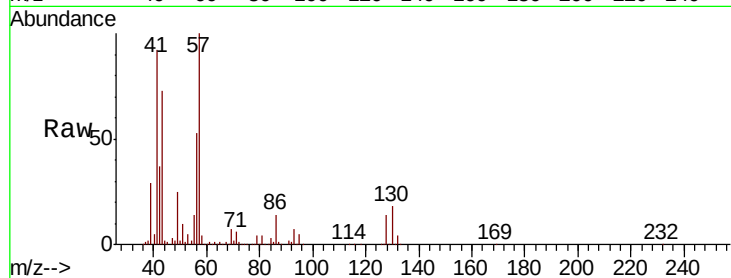
#26
Hexane
Concen: 13.811 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.00 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Instrument :
MSVOA_L
ClientSampleId :
KSV-06

Tot Ion	Ratio	Lower	Upper
57	100		
41	104.5	70.5	105.7
43	79.0	165.8	248.8#
56	58.6	42.2	63.4

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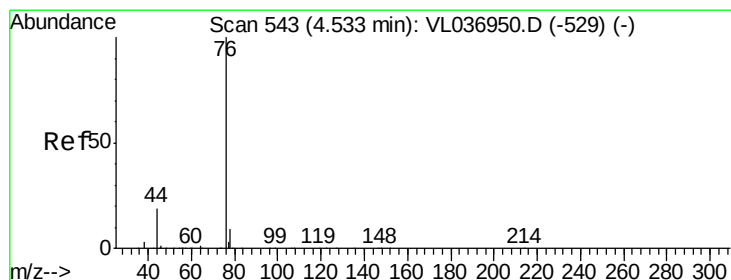
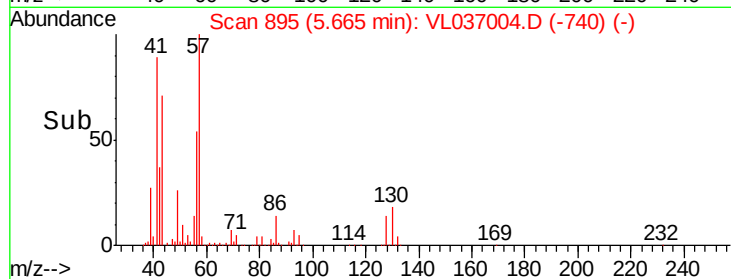
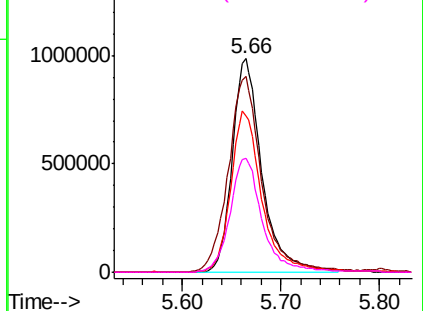
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

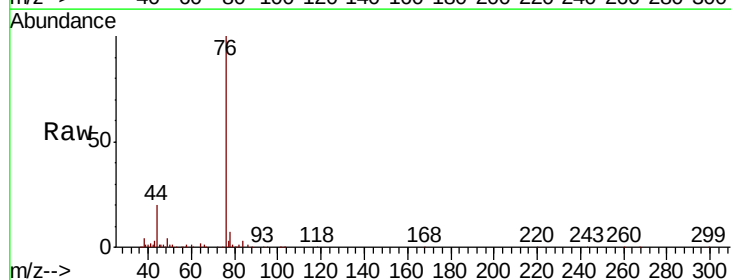
Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#27
Carbon Disulfide
Concen: 1.156 ppbv
RT: 4.53 min Scan# 542
Delta R.T. -0.00 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Tgt Ion	Ratio	Lower	Upper
76	100		
44	20.5	15.5	23.3
78	9.3	7.8	11.6

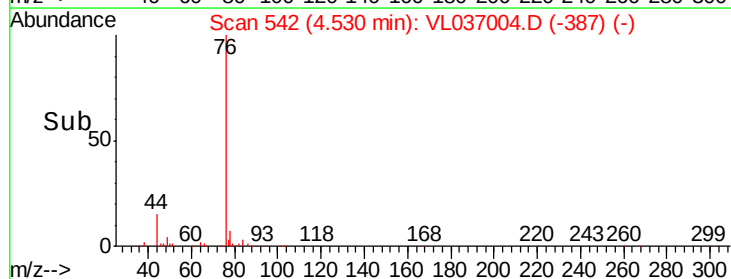
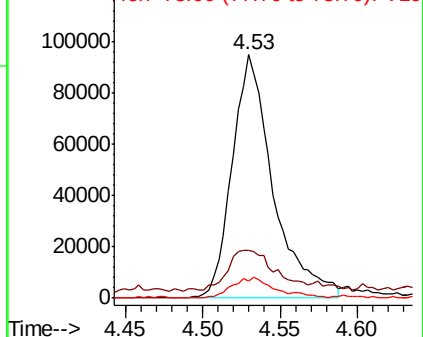


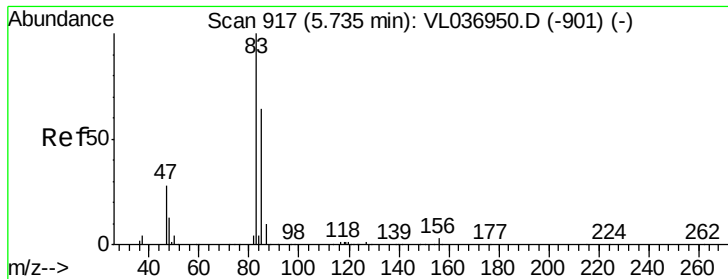
Abundance

Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0





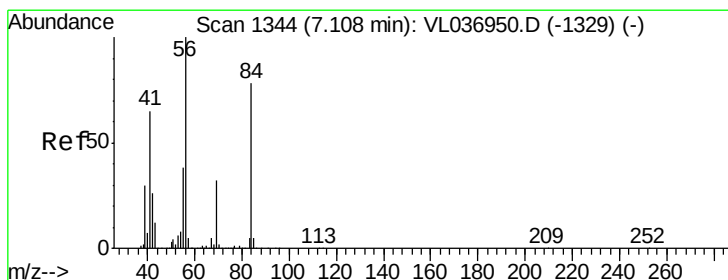
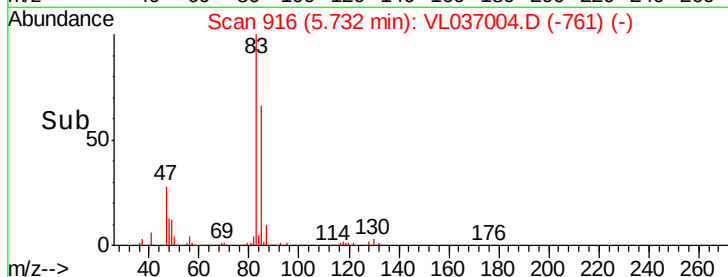
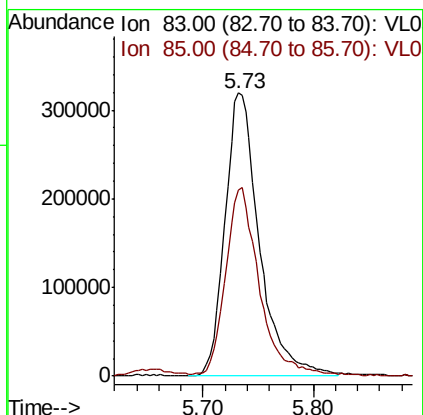
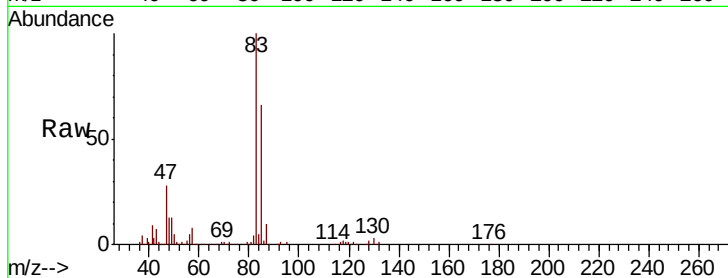
#29
Chloroform
Concen: 3.271 ppbv
RT: 5.73 min Scan# 916
Delta R.T. -0.00 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Instrument :
MSVOA_L
ClientSampleId :
KSV-06

Tot Ion	83	Resp	690771
Ion Ratio	100	Lower	Upper
83	100		
85	65.1	51.1	76.7

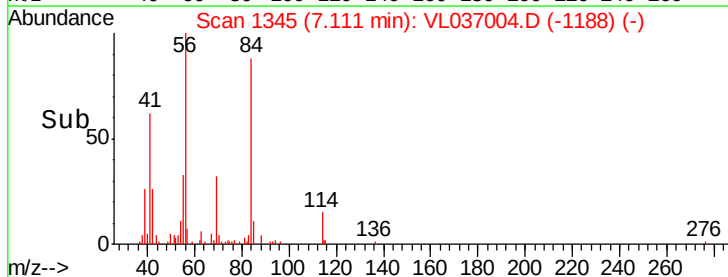
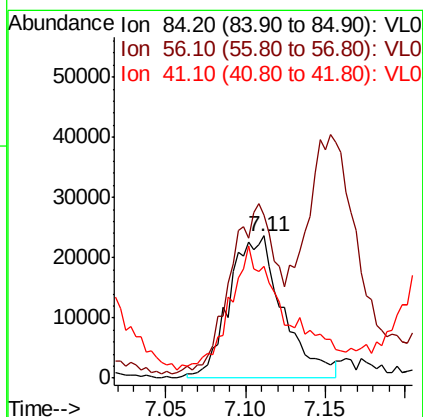
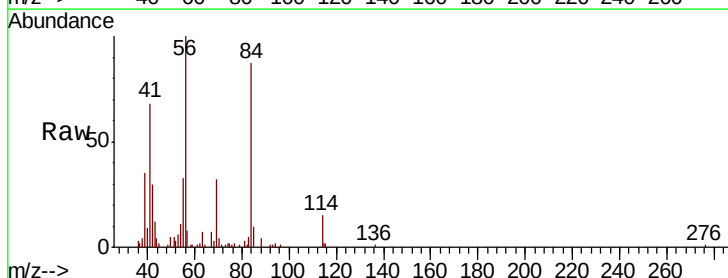
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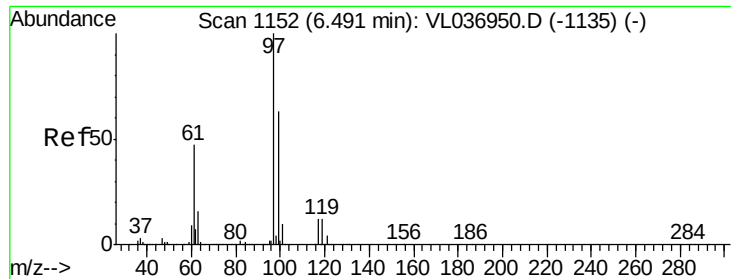
MMDadoda
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#30
Cyclohexane
Concen: 0.433 ppbv m
RT: 7.11 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Tgt Ion	84	Resp	55061
Ion Ratio	100	Lower	Upper
84	100		
56	113.0	107.9	161.9
41	0.0	65.5	98.3#





#32

1,1,1-Trichloroethane

Concen: 11.162 ppbv

RT: 6.49 min Scan# 1151

Delta R.T. -0.00 min

Lab File: VL037004.D

Acq: 19 May 2021 23:10

Instrument :

MSVOA_L

ClientSampleId :

KSV-06

Tot Ion: 97 Resp: 2531448

Ion Ratio Lower Upper

97 100

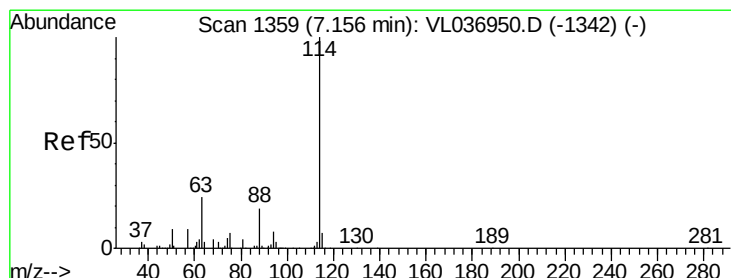
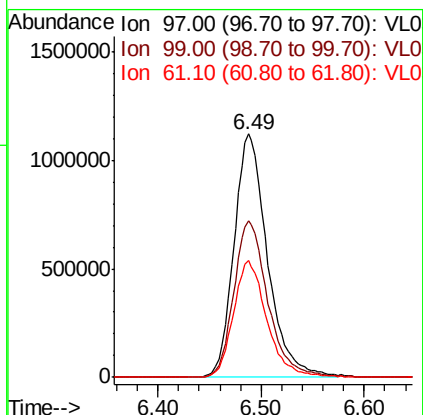
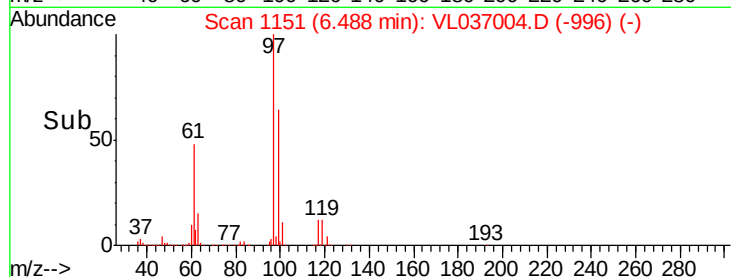
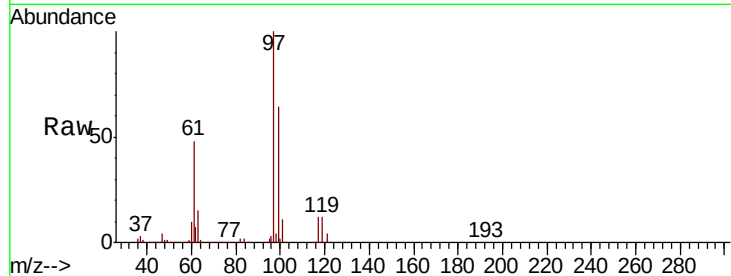
99 65.6 51.9 77.9

61 48.3 37.6 56.4

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VL037004.D

Acq: 19 May 2021 23:10

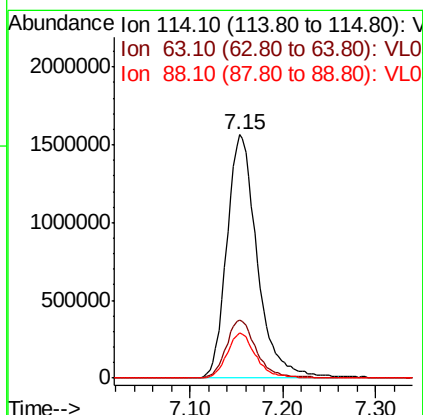
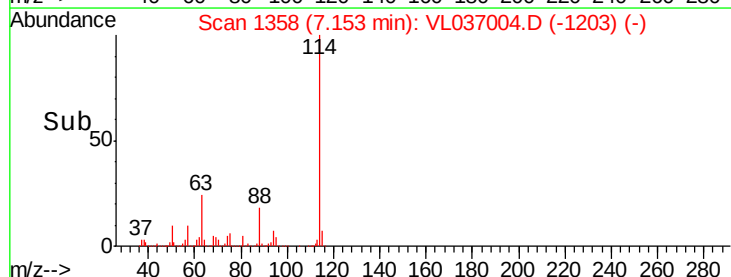
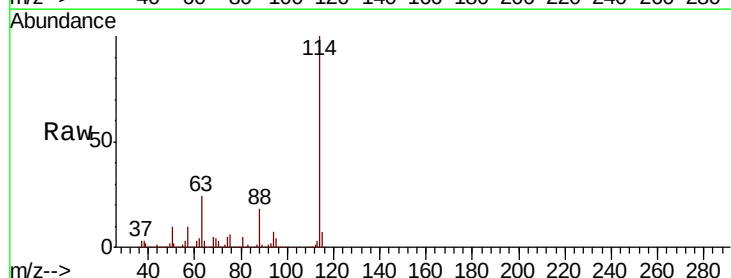
Tgt Ion: 114 Resp: 3559259

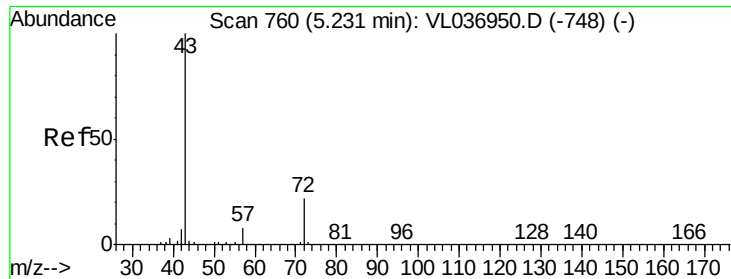
Ion Ratio Lower Upper

114 100

63 23.8 19.6 29.4

88 17.7 14.6 21.8





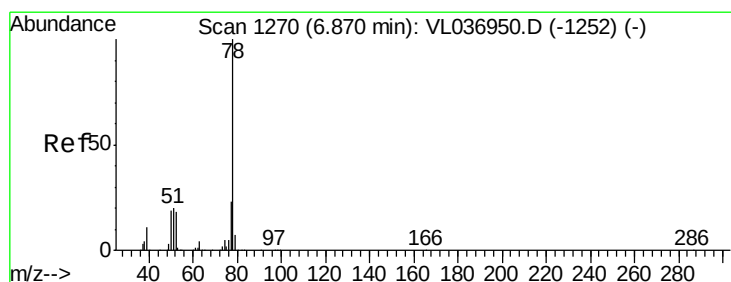
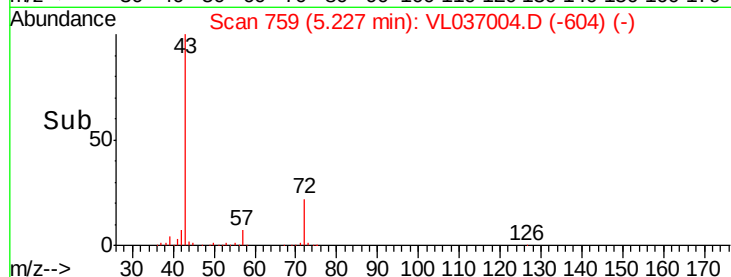
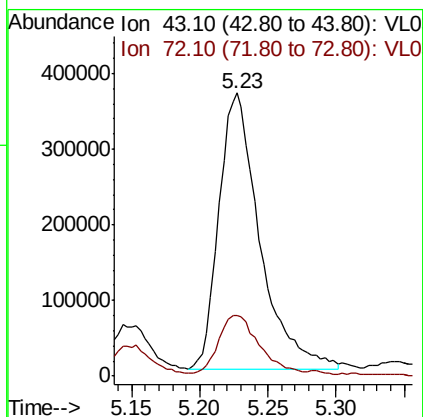
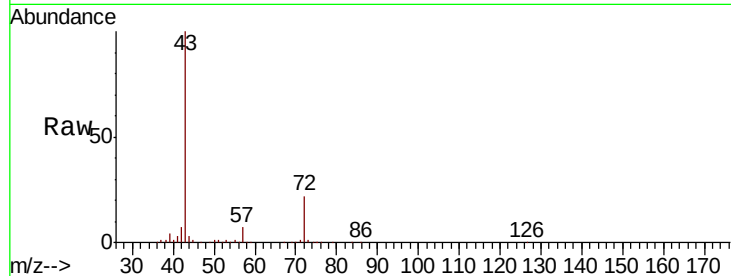
#34
2-Butanone
Concen: 5.870 ppbv
RT: 5.23 min Scan# 759
Delta R.T. -0.00 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Instrument :
MSVOA_L
ClientSampleId :
KSV-06

Tot Ion	Ratio	Lower	Upper
43	100		
72	24.0	19.0	28.4

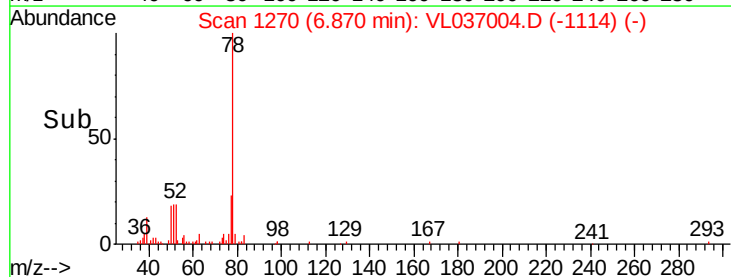
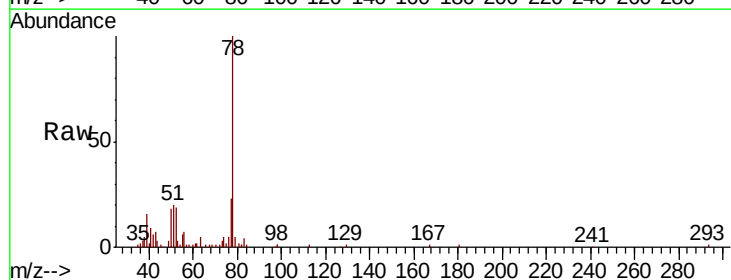
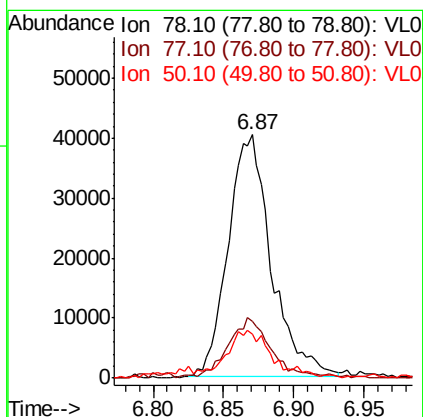
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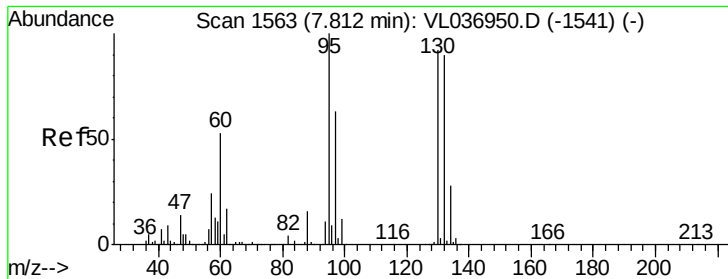
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#36
Benzene
Concen: 0.279 ppbv
RT: 6.87 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.6	28.0
50	15.6	15.0	22.4





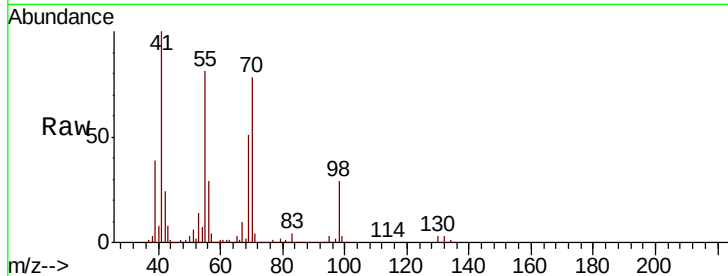
#38
 Trichloroethene
 Concen: 0.137 ppbv m
 RT: 7.81 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VL037004.D
 Acq: 19 May 2021 23:10

Instrument :
 MSVOA_L
 ClientSampled :
 KSV-06

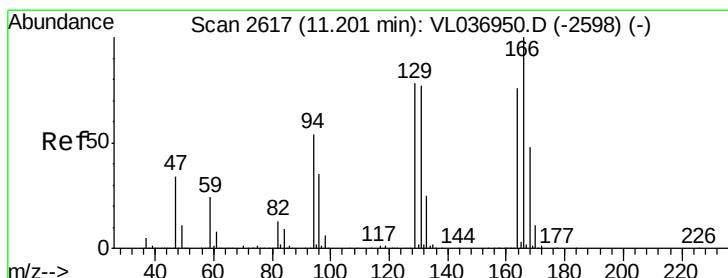
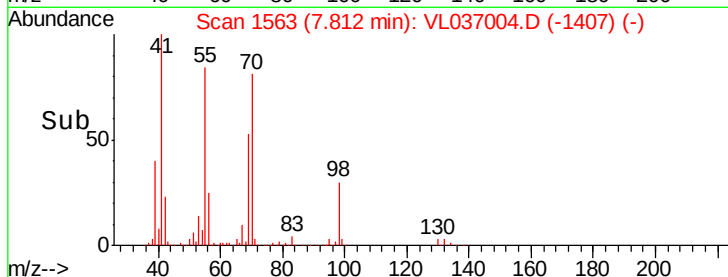
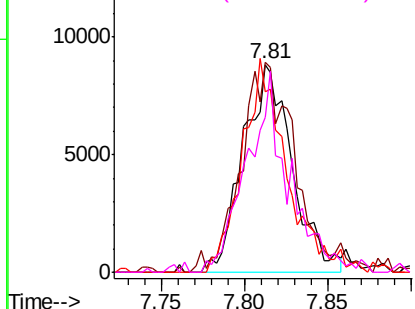
Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		17982		
95	101.2	86.9	130.3		
132	87.0	78.4	117.6		
97	74.7	55.0	82.6		

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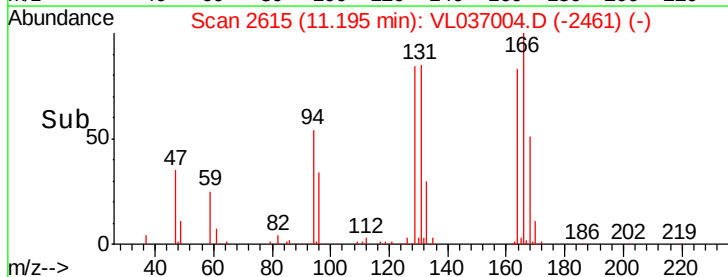
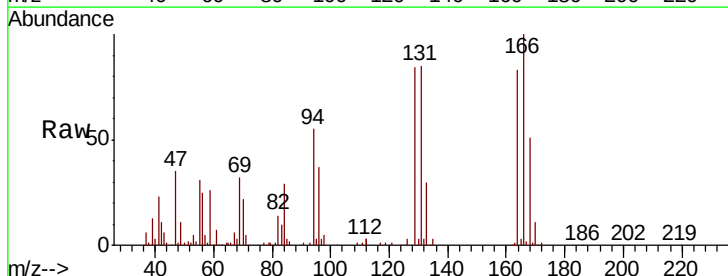
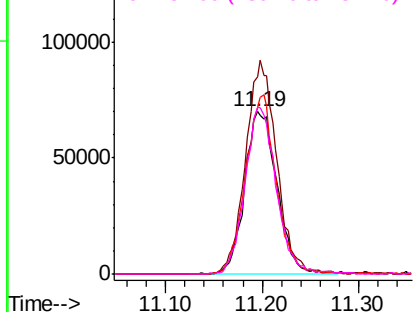
Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): VL0

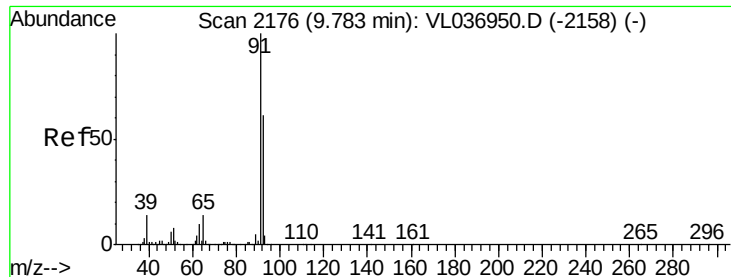


#52
 Tetrachloroethene
 Concen: 1.341 ppbv m
 RT: 11.19 min Scan# 2615
 Delta R.T. -0.01 min
 Lab File: VL037004.D
 Acq: 19 May 2021 23:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		163516		
166	121.1	105.5	158.3		
129	102.2	81.8	122.8		
131	102.8	81.2	121.8		

Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 165.90 (165.60 to 166.60): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 1.154 ppbv

RT: 9.78 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VL037004.D

Acq: 19 May 2021 23:10

Instrument :

MSVOA_L

ClientSampleId :

KSV-06

Tot Ion: 91 Resp: 421148

Ion Ratio Lower Upper

91 100

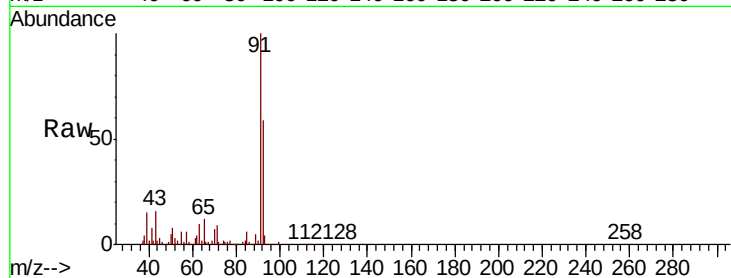
92 61.3 49.5 74.3

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

9.78

200000

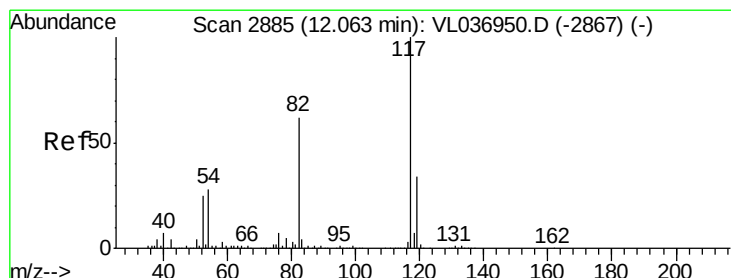
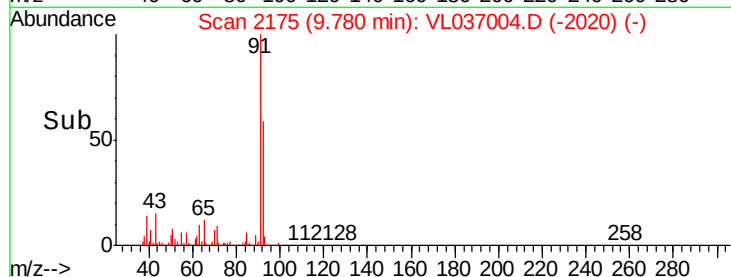
150000

100000

50000

0

Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2884

Delta R.T. -0.00 min

Lab File: VL037004.D

Acq: 19 May 2021 23:10

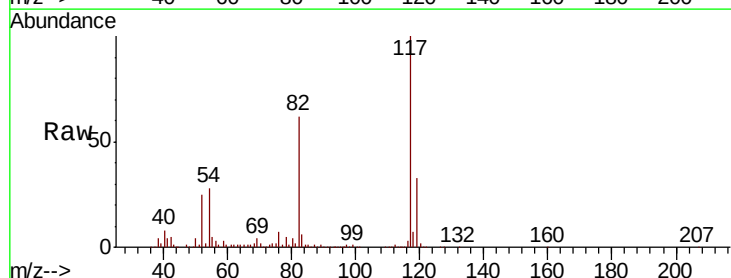
Tgt Ion: 117 Resp: 3294435

Ion Ratio Lower Upper

117 100

82 61.6 52.6 79.0

119 33.5 46.6 70.0#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

12.06

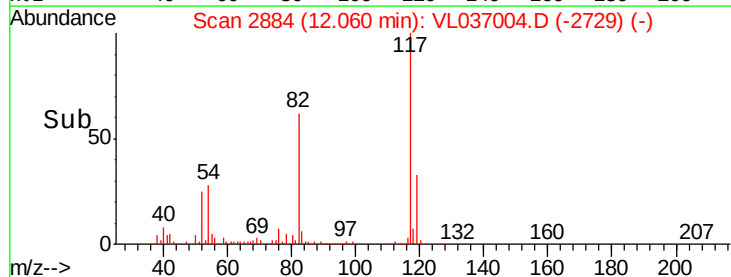
1500000

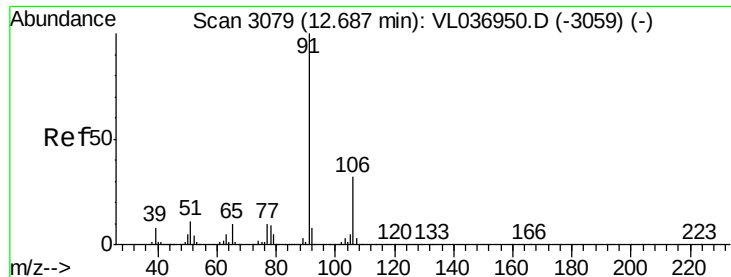
1000000

500000

0

Time-->





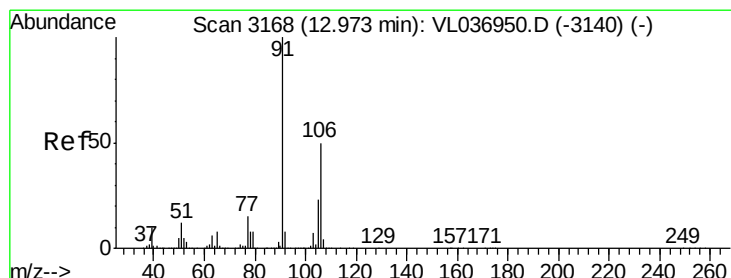
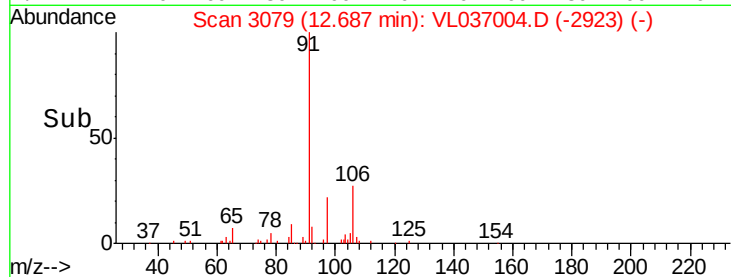
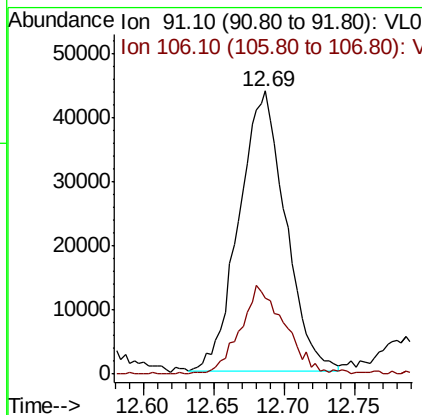
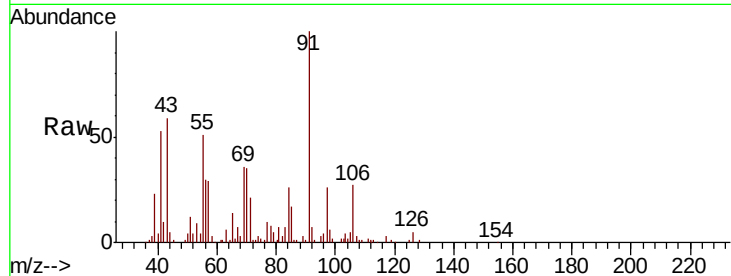
#58
Ethyl Benzene
Concen: 0.218 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.00 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Instrument :
MSVOA_L
ClientSampleId :
KSV-06

Tot Ion: 91 Resp: 101467
Ion Ratio Lower Upper
91 100
106 27.0 25.6 38.4

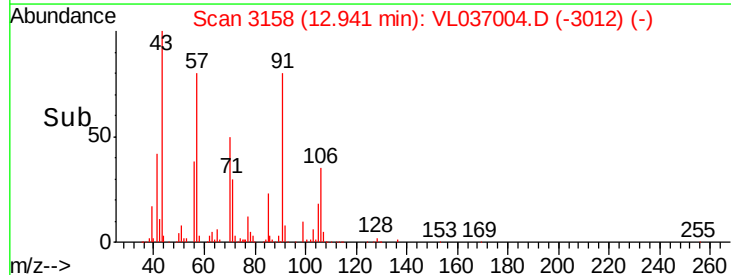
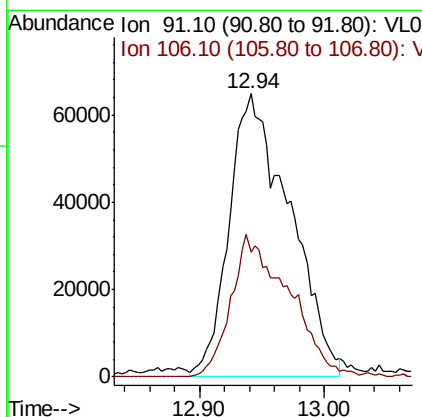
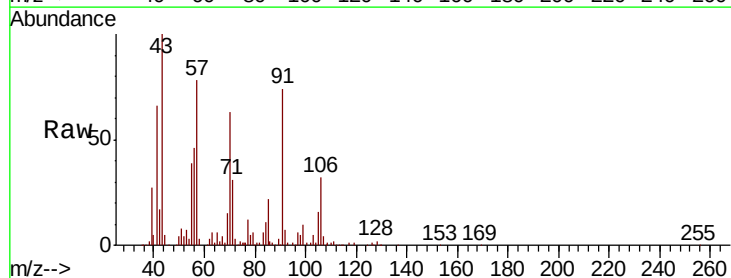
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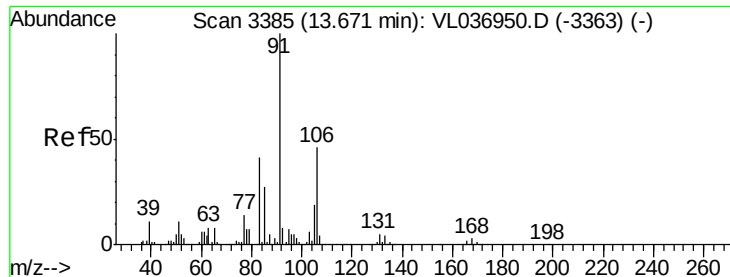
MMDadoda
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#59
m/p-Xylene
Concen: 0.566 ppbv m
RT: 12.94 min Scan# 3158
Delta R.T. -0.03 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Tgt Ion: 91 Resp: 217709
Ion Ratio Lower Upper
91 100
106 0.0 37.4 56.2#





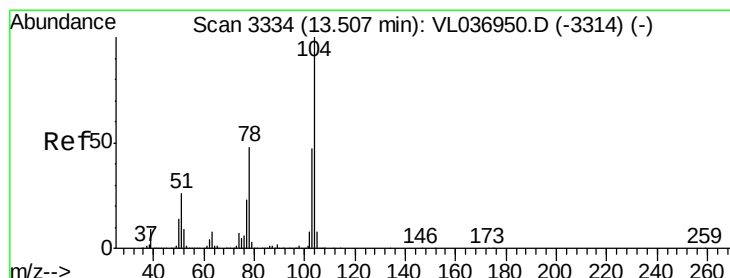
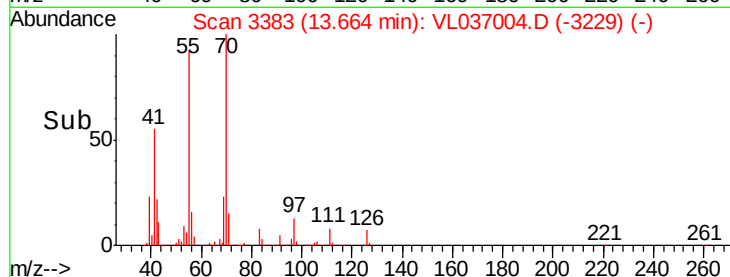
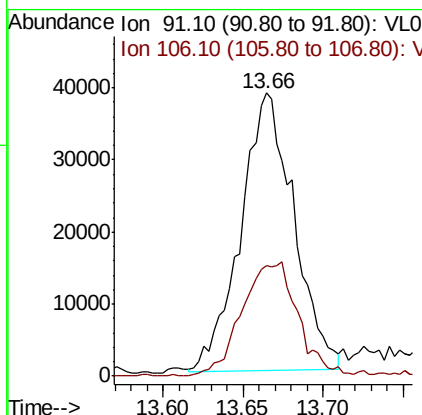
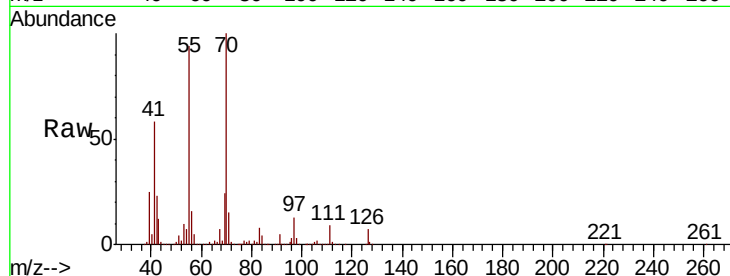
#60
o-Xylene
Concen: 0.240 ppbv
RT: 13.66 min Scan# 3383
Delta R.T. -0.01 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Instrument :
MSVOA_L
ClientSampled :
KSV-06

Tot Ion: 91 Resp: 88002
Ion Ratio Lower Upper
91 100
106 44.1 23.4 70.3

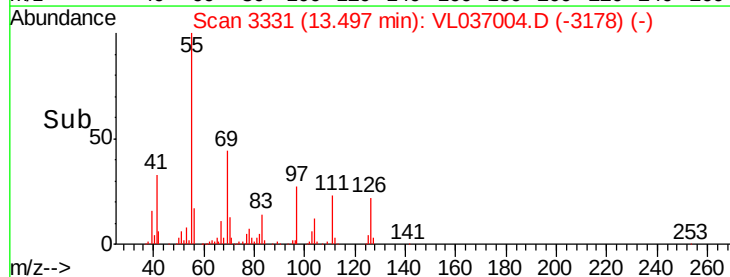
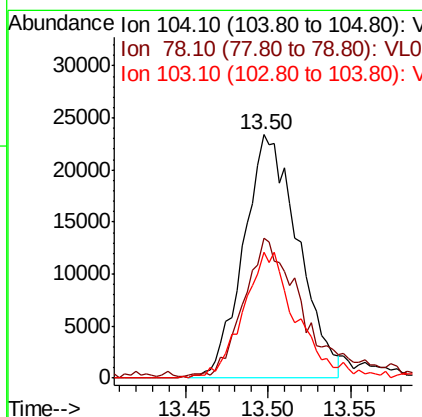
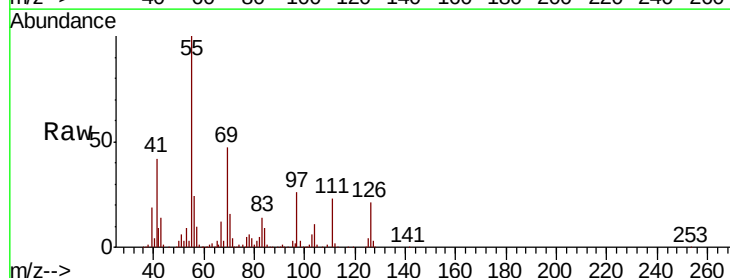
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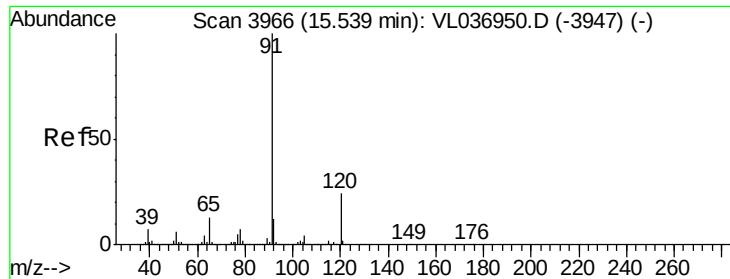
MMDadoda
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#61
Styrene
Concen: 0.260 ppbv
RT: 13.50 min Scan# 3331
Delta R.T. -0.01 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Tgt Ion: 104 Resp: 53640
Ion Ratio Lower Upper
104 100
78 61.8 39.0 58.6#
103 51.8 38.0 57.0





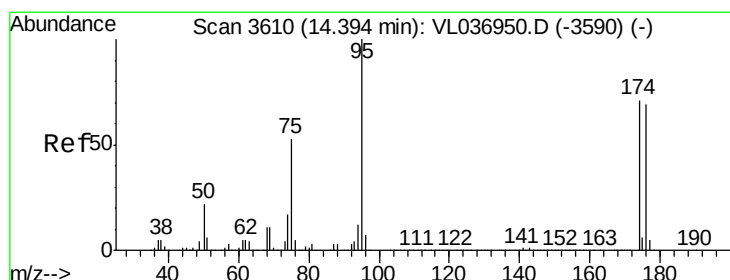
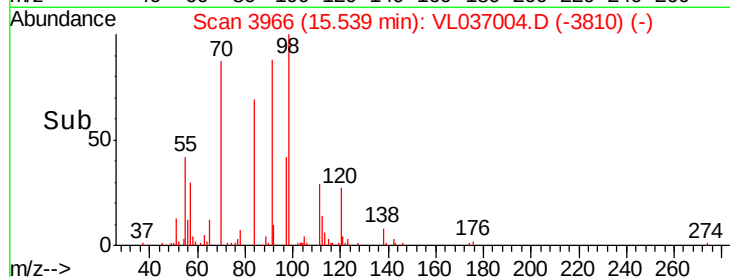
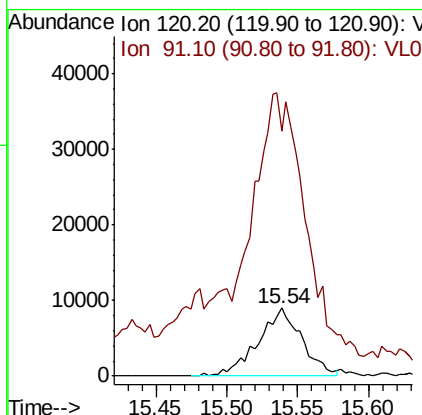
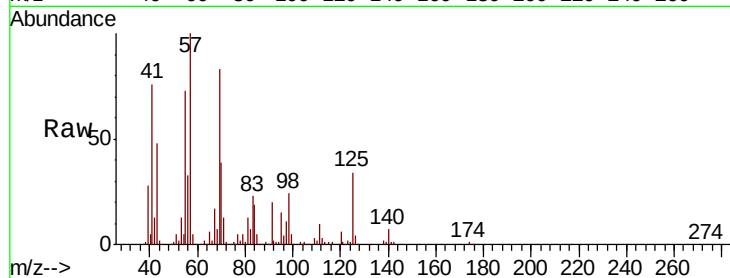
#64
n-propylbenzene
Concen: 0.141 ppbv m
RT: 15.54 min Scan# 3966
Delta R.T. 0.00 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Instrument :
MSVOA_L
ClientSampled :
KSV-06

Tot Ion:120 Resp: 19224
Ion Ratio Lower Upper
120 100
91 717.5 343.8 515.6#

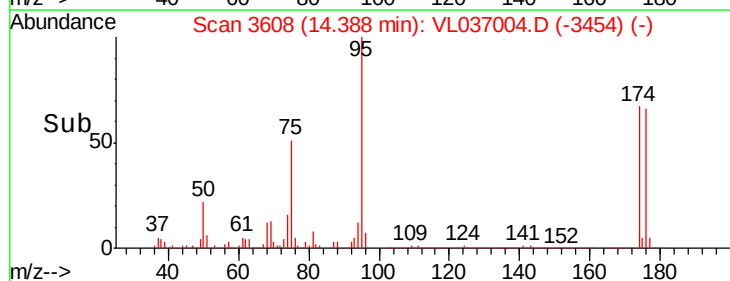
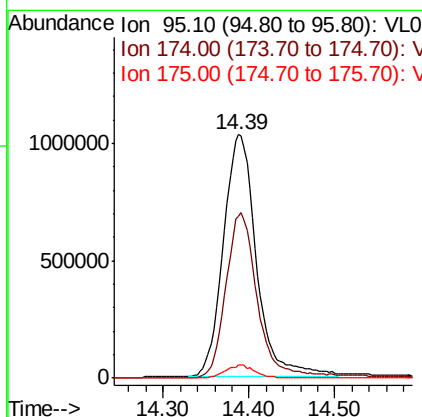
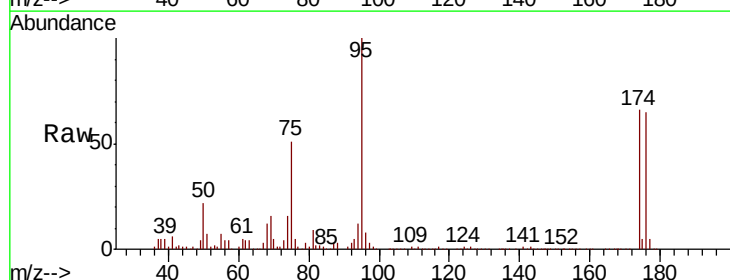
Manual Integrations
APPROVED

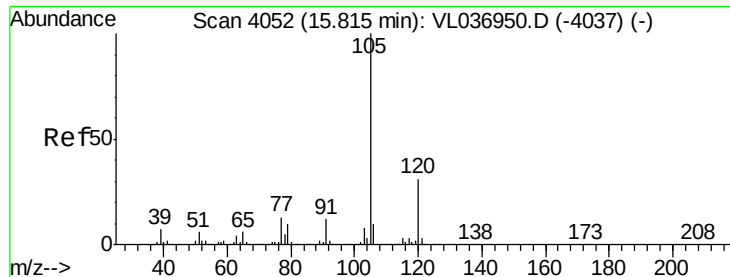
MMDadoda
5/24/2021 3:02:10 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 11.164 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.01 min
Lab File: VL037004.D
Acq: 19 May 2021 23:10

Tgt Ion: 95 Resp: 2762919
Ion Ratio Lower Upper
95 100
174 67.5 58.4 87.6
175 5.0 4.4 6.6





#72

4-Ethyltoluene

Concen: 0.240 ppbv

RT: 15.82 min Scan# 4052

Delta R.T. 0.00 min

Lab File: VL037004.D

Acq: 19 May 2021 23:10

Instrument :

MSVOA_L

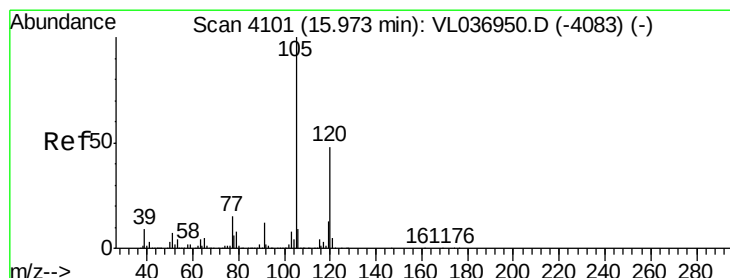
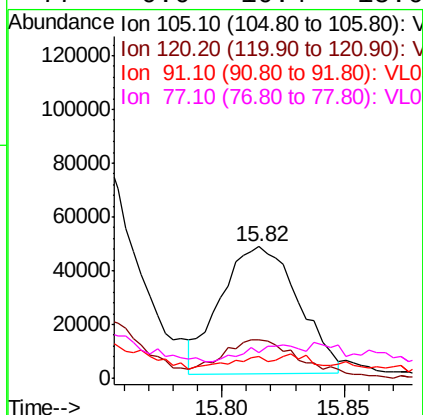
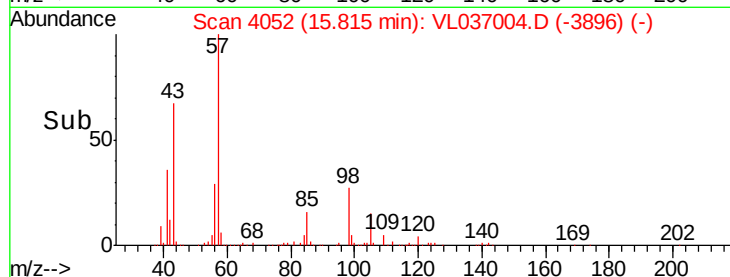
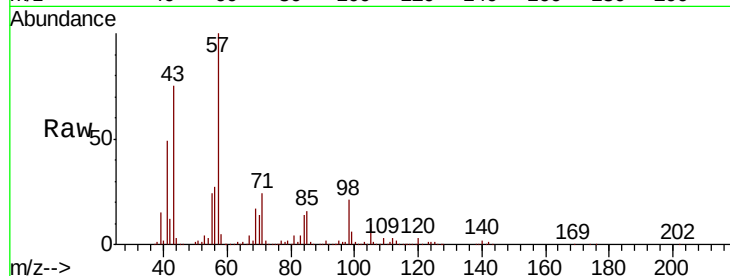
ClientSampleId :

KSV-06

Tot Ion	Ratio	Lower	Upper
105	100		
120	30.8	24.6	37.0
91	0.0	9.8	14.6#
77	0.0	10.4	15.6#

Manual Integrations
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#73

1,3,5-Trimethylbenzene

Concen: 0.308 ppbv

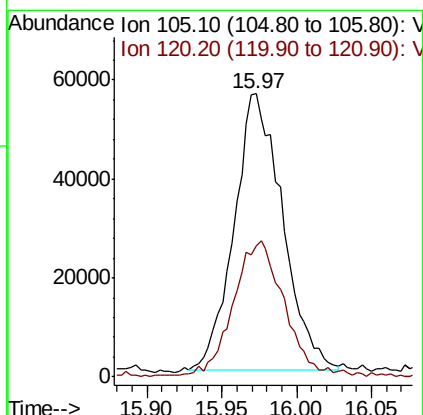
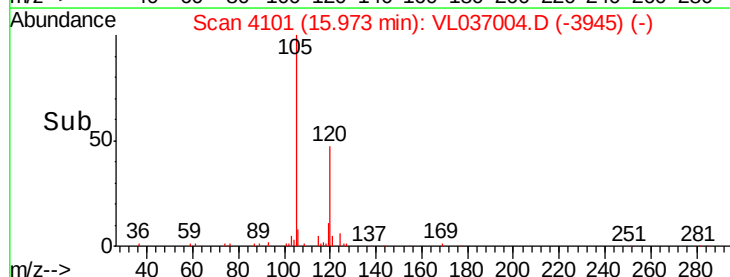
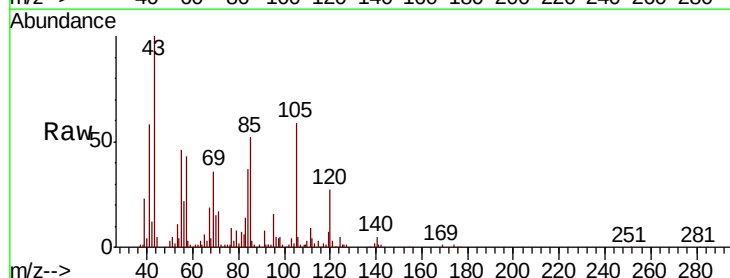
RT: 15.97 min Scan# 4101

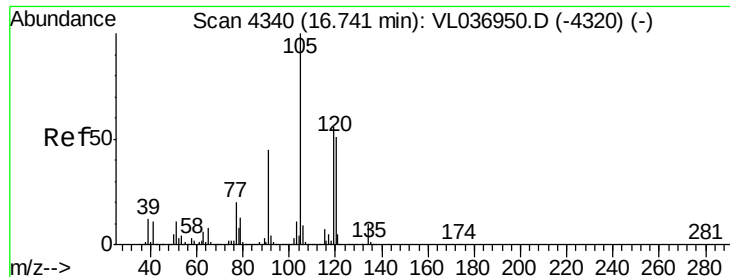
Delta R.T. 0.00 min

Lab File: VL037004.D

Acq: 19 May 2021 23:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	38.6	58.0





#74

1,2,4-Trimethylbenzene

Concen: 0.856 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. 0.00 min

Lab File: VL037004.D

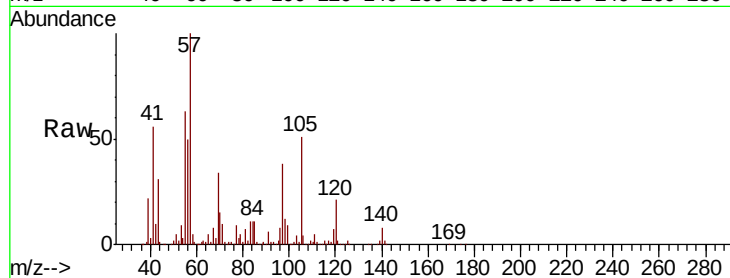
Acq: 19 May 2021 23:10

Instrument :

MSVOA_L

ClientSampleId :

KSV-06



Tot Ion	Ratio	Resp Lower	Upper
105	100		
120	41.8	40.6	61.0
91	10.7	37.4	56.0
77	15.5	16.2	24.4

Manual Integrations
APPROVED

MMDadoda
5/24/2021 3:02:10 PM

