

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
 Data File : VL037006.D
 Acq On : 20 May 2021 00:29
 Operator : SY/AP
 Sample : M2424-10
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-08

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:02:16 PM

Quant Time: May 22 22:45:04 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	1126239	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3465486	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3241922	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2546485	10.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	37936	0.199	ppbv	92
3) Chlorodifluoromethane	2.97	51	58126	0.282	ppbv #	88
4) Chloromethane	3.12	50	59620	0.849	ppbv	97
9) Propene	2.99	41	1287177	17.422	ppbv	93
10) Heptane	8.10	43	1296327	7.040	ppbv	96
11) Trichlorofluoromethane	3.93	101	42514	0.240	ppbv	99
13) Ethanol	3.60	45	691005	70.097	ppbv	93
15) Acetone	3.83	43	24748920	214.542	ppbv #	71
17) tert-Butyl alcohol	4.29	59	486680	4.606	ppbv	96
19) Isopropyl Alcohol	3.96	45	634732	10.236	ppbv #	30
20) Methylene Chloride	4.33	84	3610317	58.385	ppbv	95
24) 1,1-Dichloroethane	5.00	63	205899	1.562	ppbv	100
26) Hexane	5.66	57	4540492	32.063	ppbv #	43
27) Carbon Disulfide	4.53	76	1622734	11.370	ppbv	98
29) Chloroform	5.74	83	85913	0.429	ppbv	99
30) Cyclohexane	7.11	84	420505	3.494	ppbv #	76
32) 1,1,1-Trichloroethane	6.49	97	44330m	0.206	ppbv	
34) 2-Butanone	5.22	43	3954215	31.336	ppbv	100
35) Carbon Tetrachloride	7.00	117	8199m	0.036	ppbv	
36) Benzene	6.87	78	893938	2.995	ppbv	99
38) Trichloroethene	7.82	130	12665m	0.099	ppbv	
50) 4-Methyl-2-Pentanone	8.73	43	167601	0.805	ppbv	97
51) 2-Hexanone	10.10	43	742638	6.746	ppbv #	73
52) Tetrachloroethene	11.20	164	36959	0.311	ppbv	96
53) Toluene	9.78	91	1082338	3.047	ppbv	98
58) Ethyl Benzene	12.68	91	271808	0.594	ppbv	95
59) m/p-Xylene	12.94	91	458520	1.212	ppbv	94
60) o-Xylene	13.66	91	204732	0.568	ppbv	96
61) Styrene	13.50	104	80572m	0.396	ppbv	
62) Isopropylbenzene	14.64	105	99308	0.192	ppbv	99
64) n-propylbenzene	15.54	120	36554	0.273	ppbv #	54
72) 4-Ethyltoluene	15.81	105	188965	0.441	ppbv #	89
73) 1,3,5-Trimethylbenzene	15.98	105	220780	0.549	ppbv	92
74) 1,2,4-Trimethylbenzene	16.74	105	584160	1.405	ppbv #	72

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

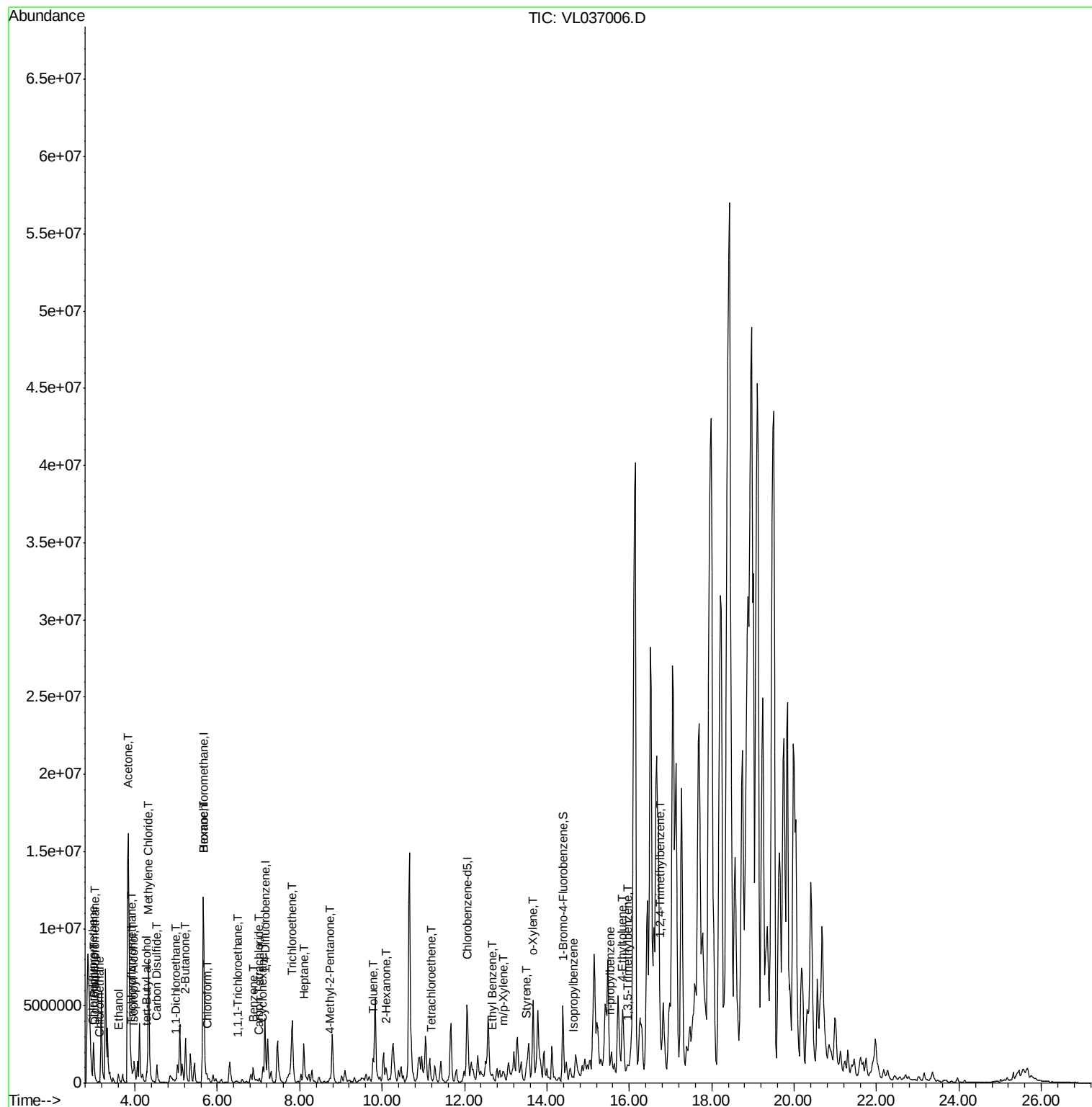
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051921\
Data File : VL037006.D
Acq On : 20 May 2021 00:29
Operator : SY/AP
Sample : M2424-10
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

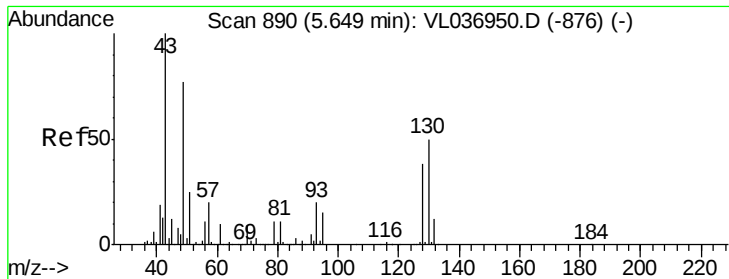
Instrument :
MSVOA_L
ClientSampleId :
KSV-08

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Quant Time: May 22 22:45:04 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue 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# 891

Delta R.T. 0.00 min

Lab File: VL037006.D

Acq: 20 May 2021 00:29

Instrument :

MSVOA_L

ClientSampled :

KSV-08

Tot Ion: 49 Resp: 1126239

Ion Ratio Lower Upper

49 100

128 50.5 26.9 80.7

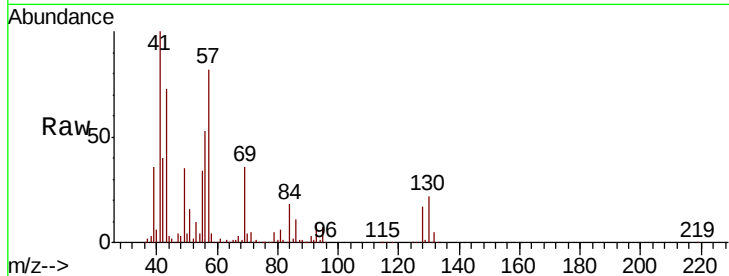
130 65.1 33.8 101.4

Manual Integrations

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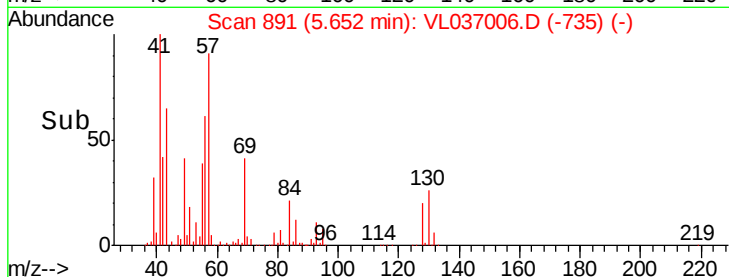
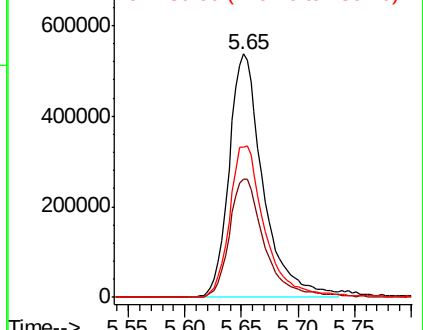
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.199 ppbv

RT: 3.03 min Scan# 75

Delta R.T. -0.01 min

Lab File: VL037006.D

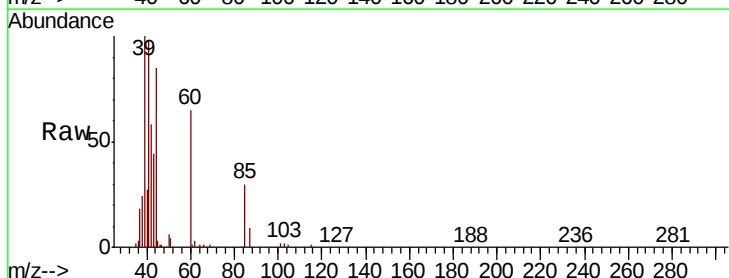
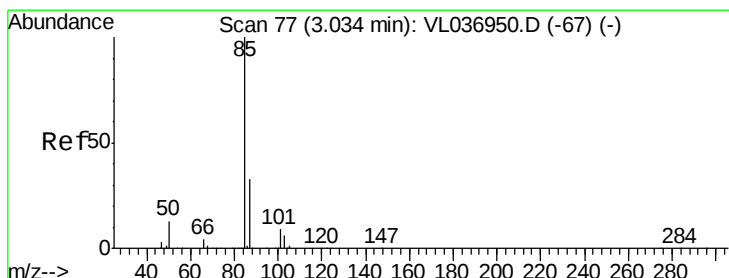
Acq: 20 May 2021 00:29

Tgt Ion: 85 Resp: 37936

Ion Ratio Lower Upper

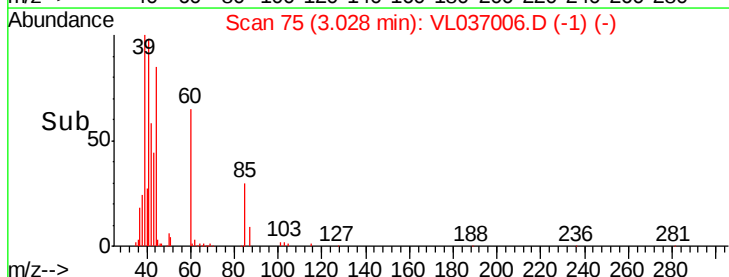
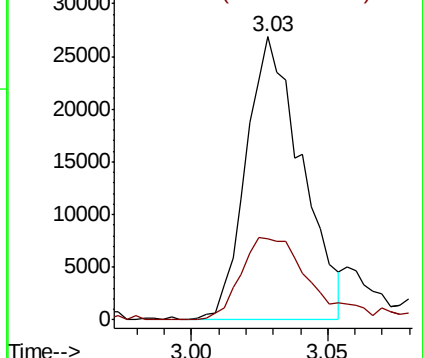
85 100

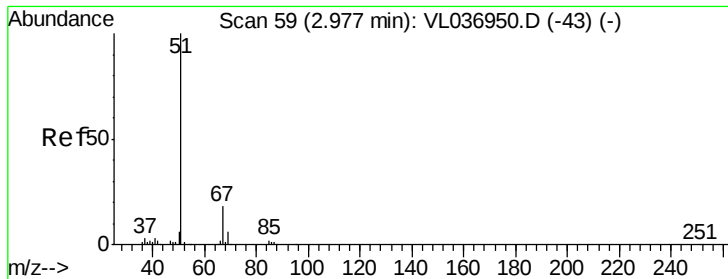
87 28.6 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.282 ppbv

RT: 2.97 min Scan# 56

Delta R.T. -0.01 min

Lab File: VL037006.D

Acq: 20 May 2021 00:29

Instrument :

MSVOA_L

ClientSampled :

KSV-08

Tot Ion: 51 Resp: 58126

Ion Ratio Lower Upper

51 100

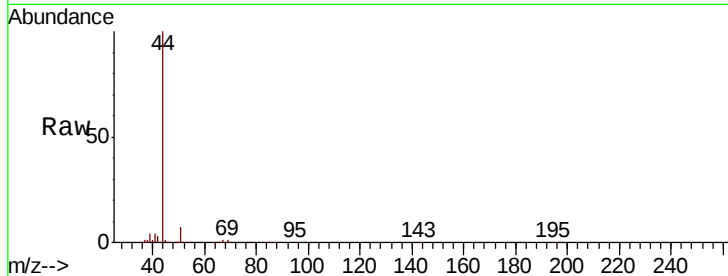
67 12.9 14.6 21.8#

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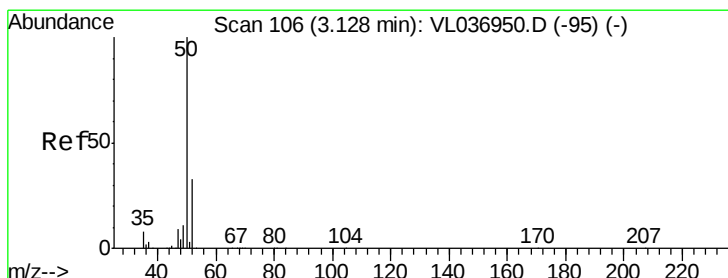
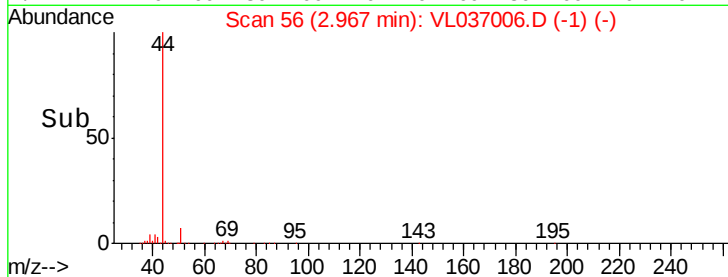
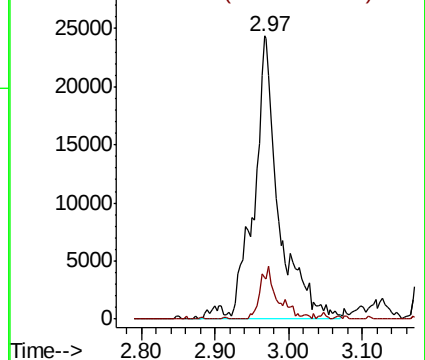
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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.849 ppbv

RT: 3.12 min Scan# 103

Delta R.T. -0.01 min

Lab File: VL037006.D

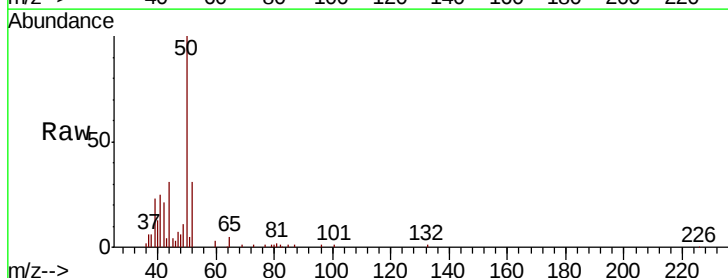
Acq: 20 May 2021 00:29

Tgt Ion: 50 Resp: 59620

Ion Ratio Lower Upper

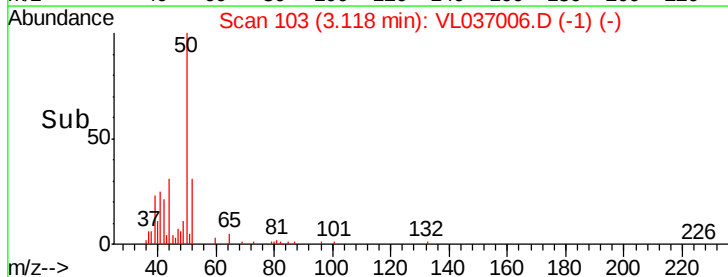
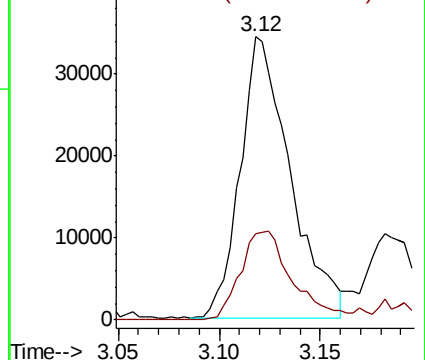
50 100

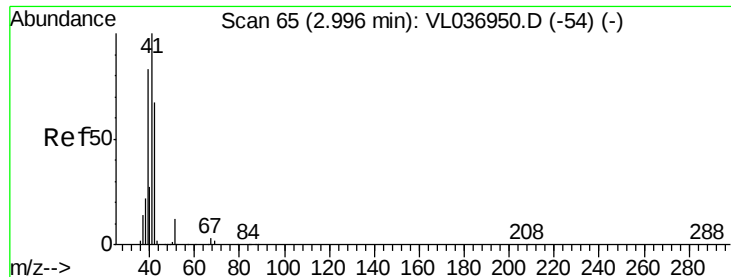
52 30.9 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 17.422 ppbv

RT: 2.99 min Scan# 64

Delta R.T. -0.00 min

Lab File: VL037006.D

Acq: 20 May 2021 00:29

Instrument :

MSVOA_L

ClientSampleId :

KSV-08

Tot Ion: 41 Resp: 1287177

Ion Ratio Lower Upper

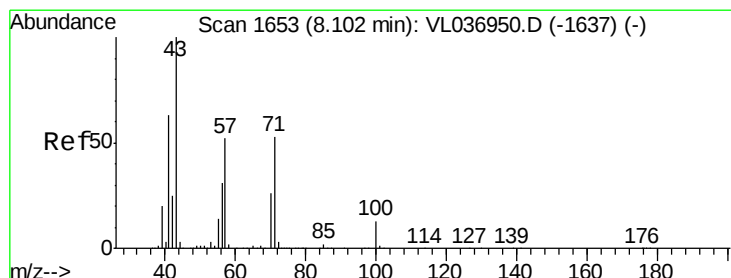
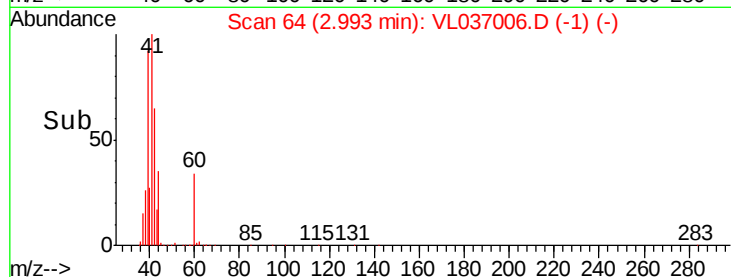
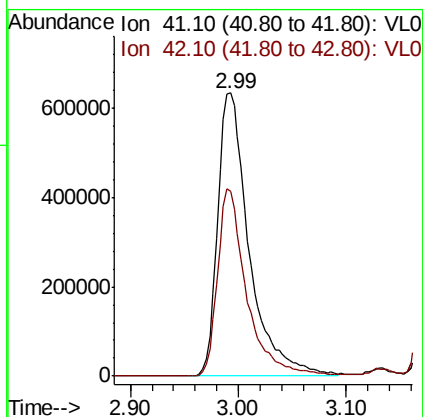
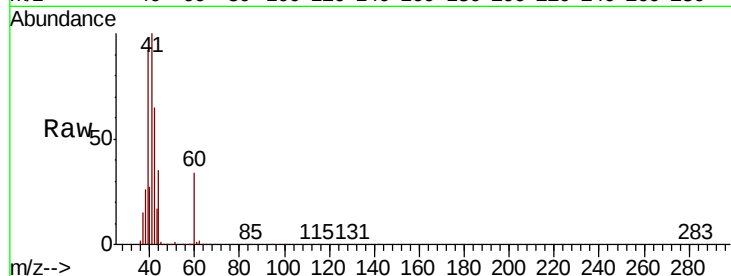
41 100

42 61.4 53.9 80.9

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#10

Heptane

Concen: 7.040 ppbv

RT: 8.10 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VL037006.D

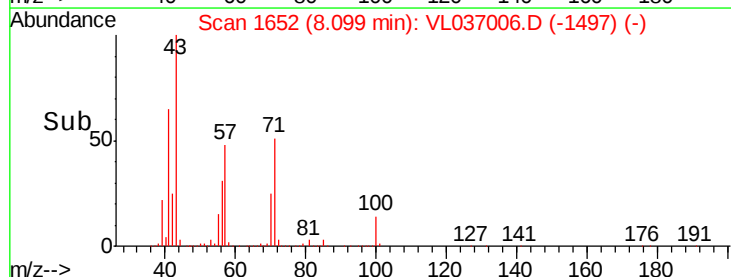
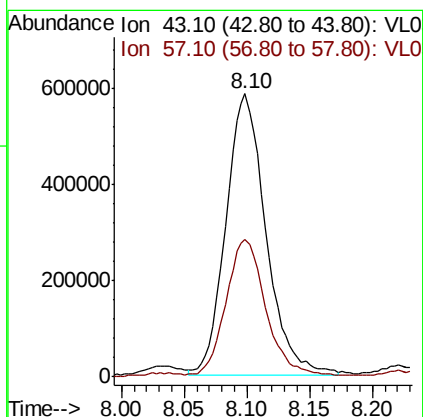
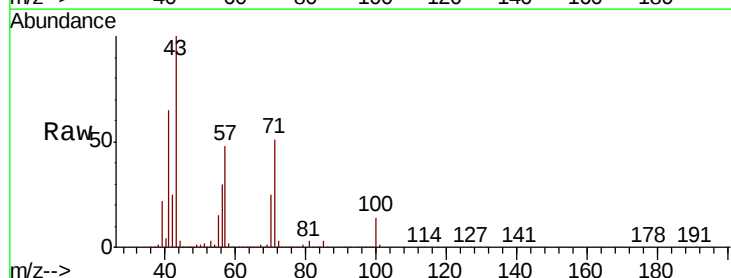
Acq: 20 May 2021 00:29

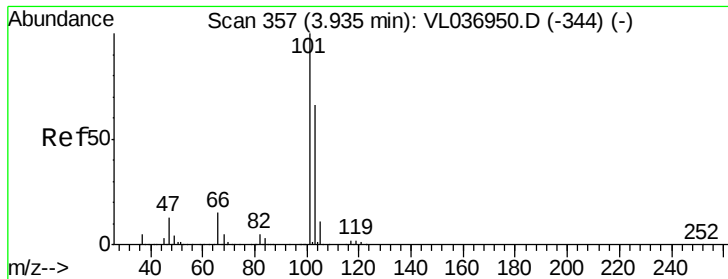
Tgt Ion: 43 Resp: 1296327

Ion Ratio Lower Upper

43 100

57 48.3 41.0 61.6





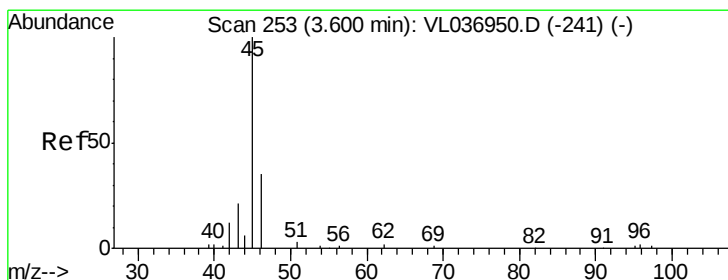
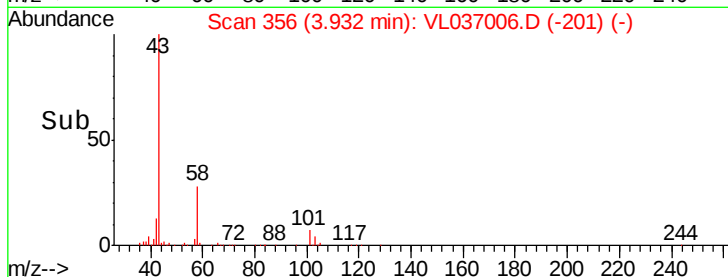
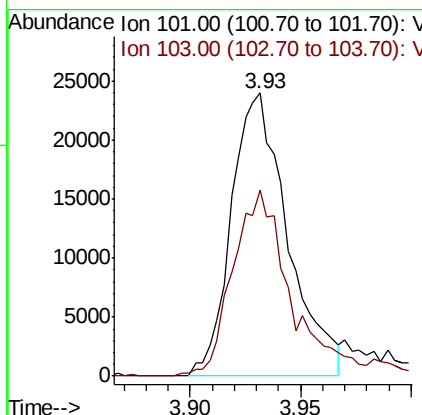
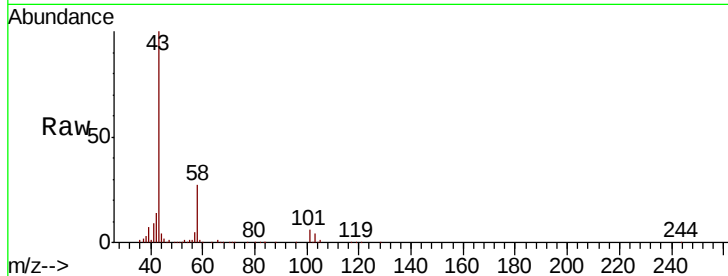
#11
 Trichlorofluoromethane
 Concen: 0.240 ppbv
 RT: 3.93 min Scan# 356
 Delta R.T. -0.00 min
 Lab File: VL037006.D
 Acq: 20 May 2021 00:29

Instrument :
 MSVOA_L
 ClientSampled :
 KSV-08

Tot Ion:101 Resp: 42514
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.6 79.0

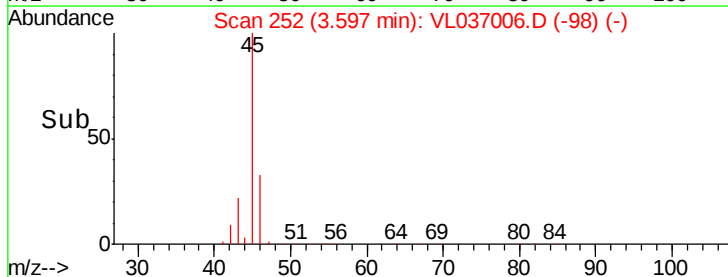
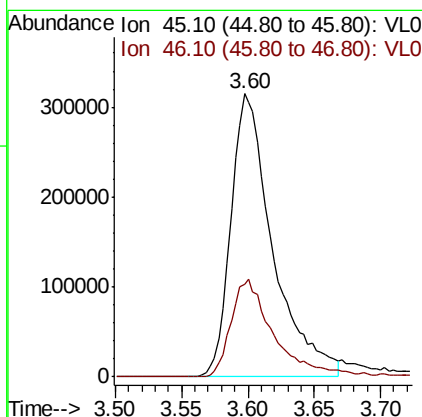
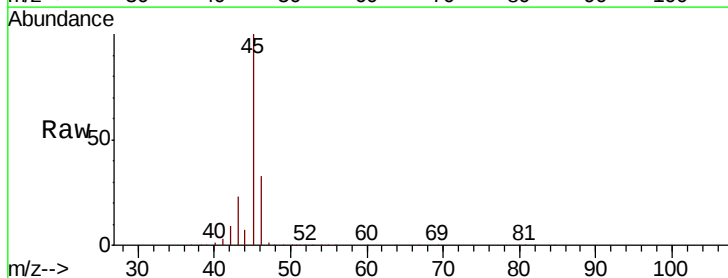
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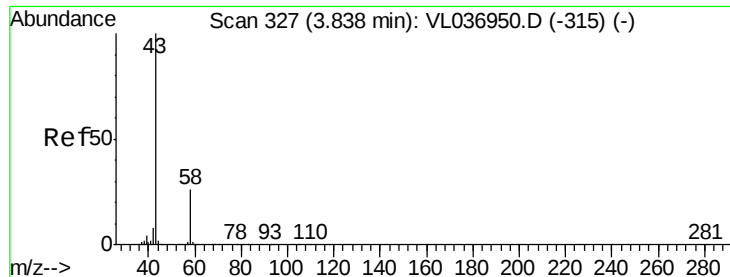
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#13
 Ethanol
 Concen: 70.097 ppbv
 RT: 3.60 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VL037006.D
 Acq: 20 May 2021 00:29

Tgt Ion: 45 Resp: 691005
 Ion Ratio Lower Upper
 45 100
 46 36.4 16.3 65.3





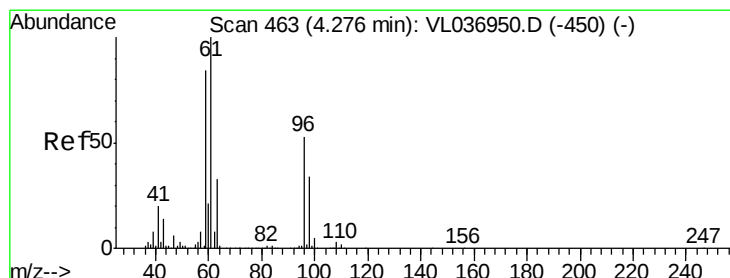
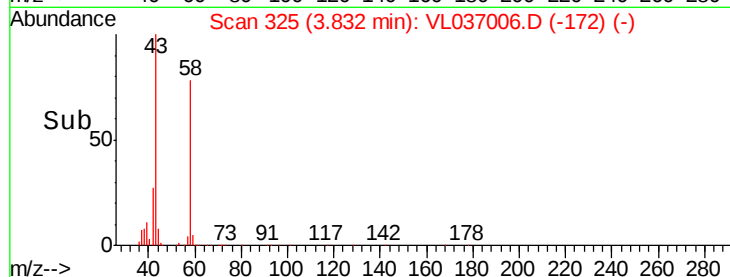
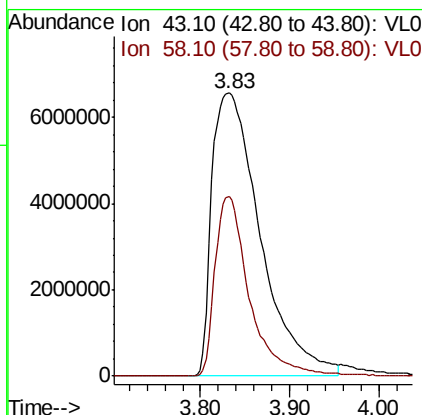
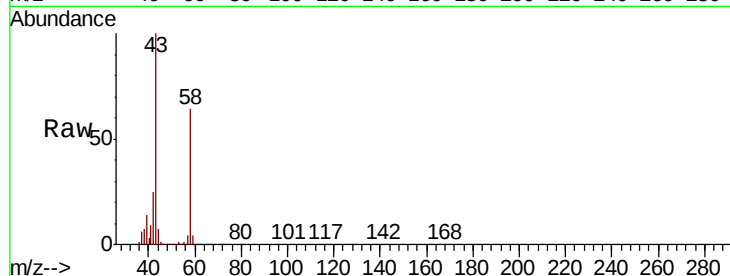
#15
Acetone
Concen: 214.542 ppbv
RT: 3.83 min Scan# 325
Delta R.T. -0.01 min
Lab File: VL037006.D
Acq: 20 May 2021 00:29

Instrument :
MSVOA_L
ClientSampleId :
KSV-08

Tot Ion: 43 Resp: 24748920
Ion Ratio Lower Upper
43 100
58 45.5 24.0 36.0#

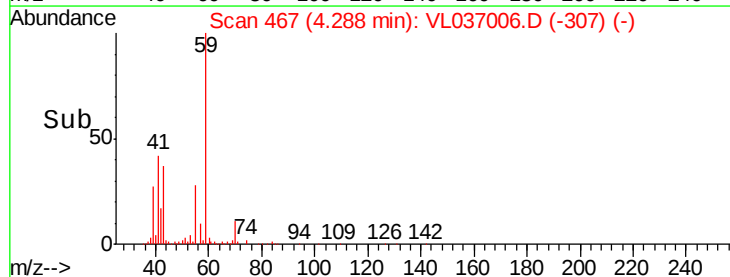
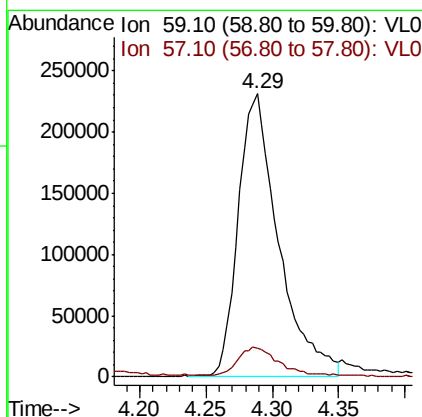
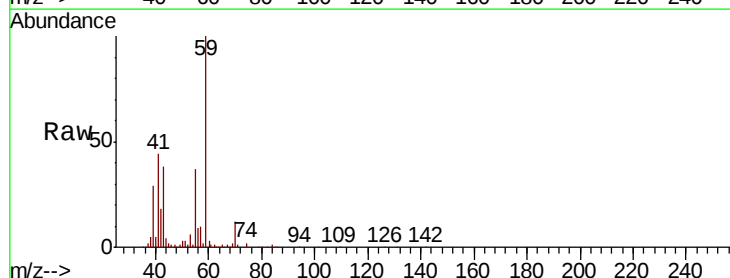
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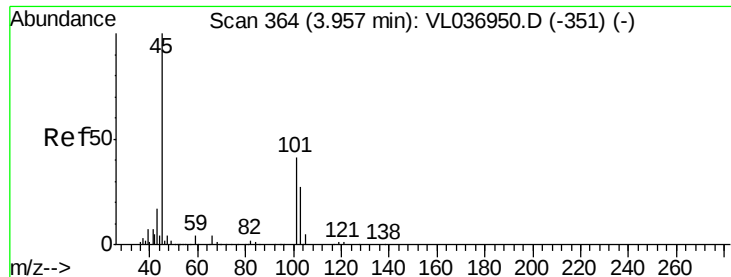
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#17
tert-Butyl alcohol
Concen: 4.606 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.01 min
Lab File: VL037006.D
Acq: 20 May 2021 00:29

Tgt Ion: 59 Resp: 486680
Ion Ratio Lower Upper
59 100
57 11.8 8.3 12.5





#19

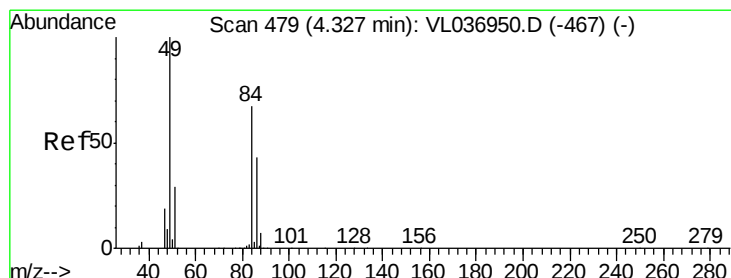
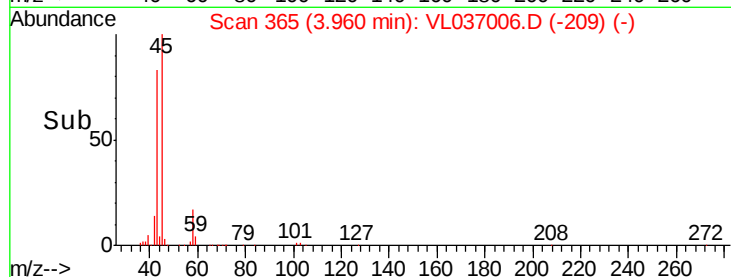
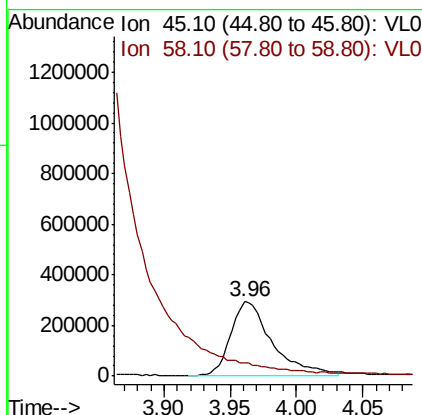
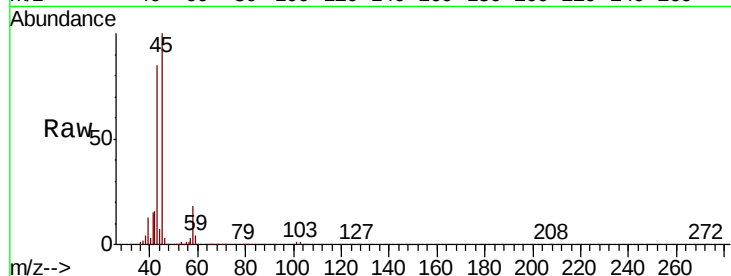
Isopropyl Alcohol
 Concen: 10.236 ppbv
 RT: 3.96 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VL037006.D
 Acq: 20 May 2021 00:29

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-08

Tot Ion: 45 Resp: 634732
 Ion Ratio Lower Upper
 45 100
 58 0.0 37.2 55.8#

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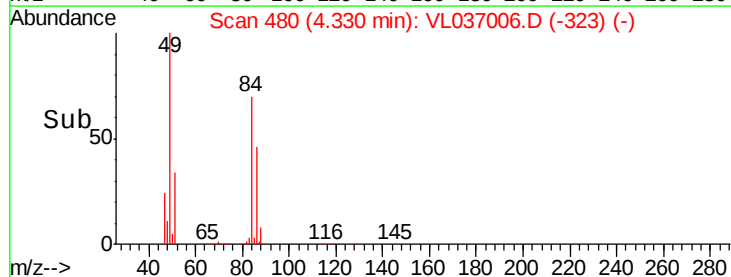
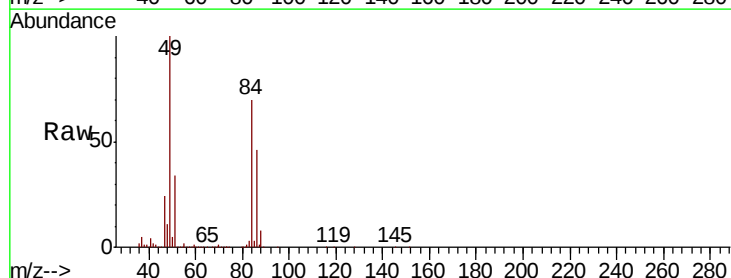
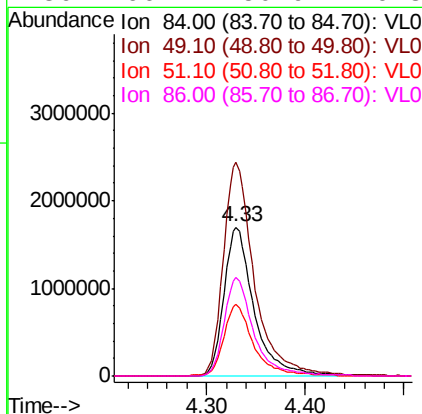
MMDadoda
 5/24/2021 3:02:16 PM

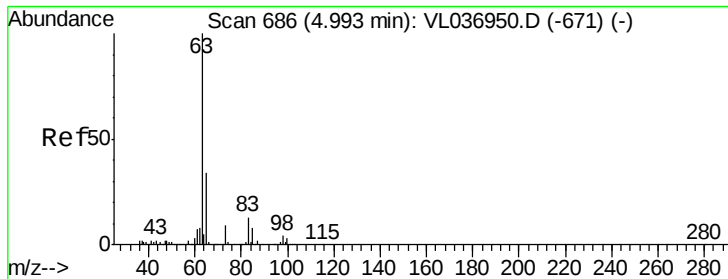


#20

Methylene Chloride
 Concen: 58.385 ppbv
 RT: 4.33 min Scan# 480
 Delta R.T. 0.00 min
 Lab File: VL037006.D
 Acq: 20 May 2021 00:29

Tgt Ion: 84 Resp: 3610317
 Ion Ratio Lower Upper
 84 100
 49 143.3 119.8 179.6
 51 47.9 35.1 52.7
 86 66.2 50.9 76.3





#24

1,1-Dichloroethane

Concen: 1.562 ppbv

RT: 5.00 min Scan# 687

Delta R.T. 0.00 min

Lab File: VL037006.D

Acq: 20 May 2021 00:29

Instrument :

MSVOA_L

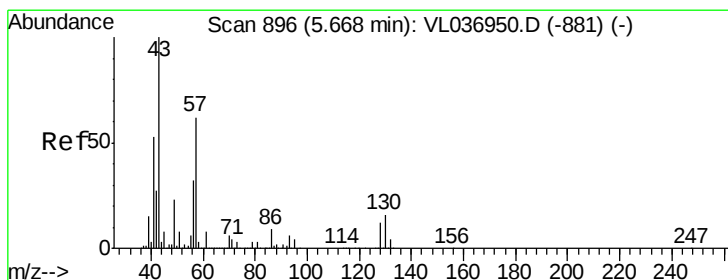
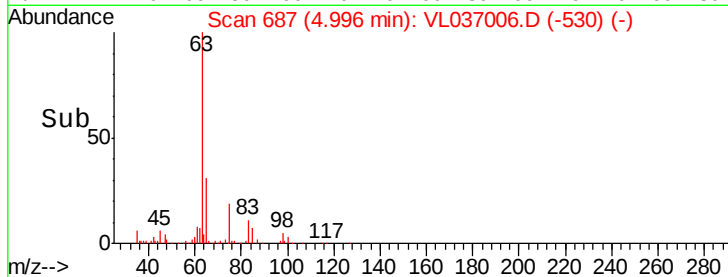
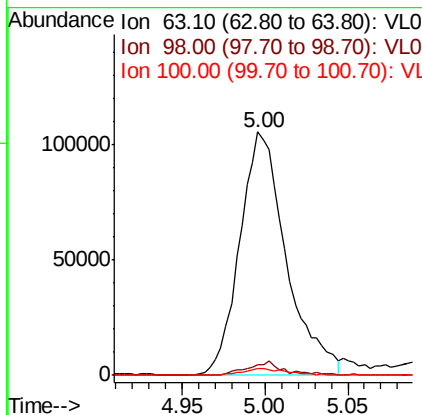
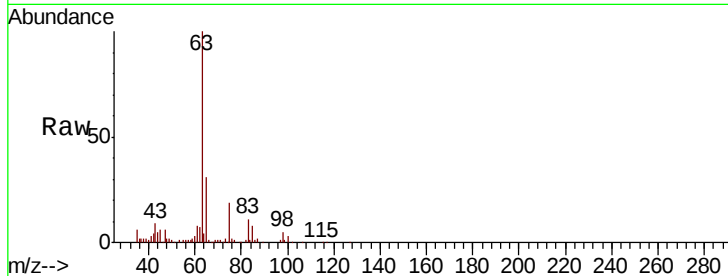
ClientSampleId :

KSV-08

Tot Ion	Ratio	Resp	Lower	Upper
63	100	205899		
98	4.6	2.3	6.9	
100	2.9	1.4	4.0	

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#26

Hexane

Concen: 32.063 ppbv

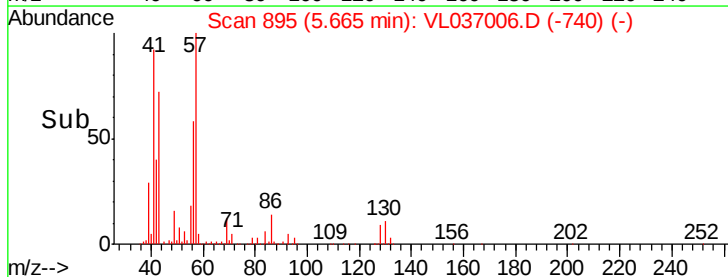
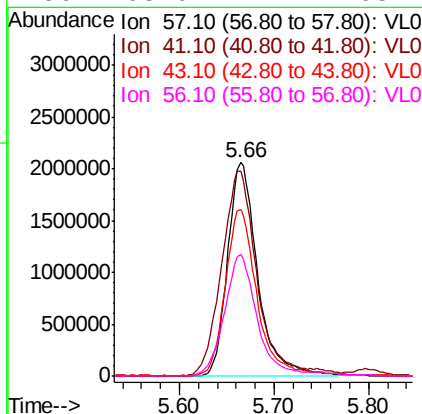
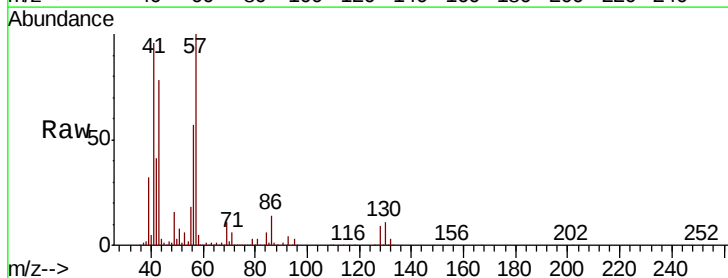
RT: 5.66 min Scan# 895

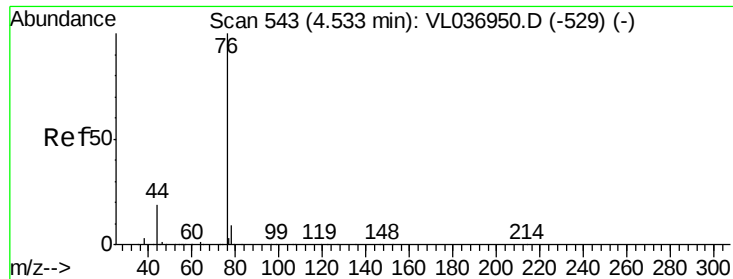
Delta R.T. -0.00 min

Lab File: VL037006.D

Acq: 20 May 2021 00:29

Tgt Ion	Ratio	Resp	Lower	Upper
57	100	4540492		
41	114.6	70.5	105.7#	
43	82.9	165.8	248.8#	
56	63.0	42.2	63.4	





#27

Carbon Disulfide

Concen: 11.370 ppbv

RT: 4.53 min Scan# 542

Delta R.T. -0.00 min

Lab File: VL037006.D

Acq: 20 May 2021 00:29

Instrument :

MSVOA_L

ClientSampled :

KSV-08

Tot Ion: 76 Resp: 1622734

Ion Ratio Lower Upper

76 100

44 18.7 15.5 23.3

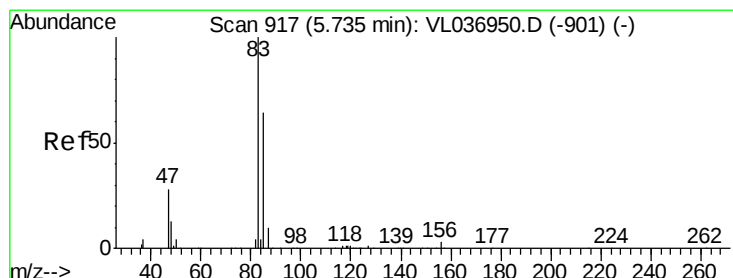
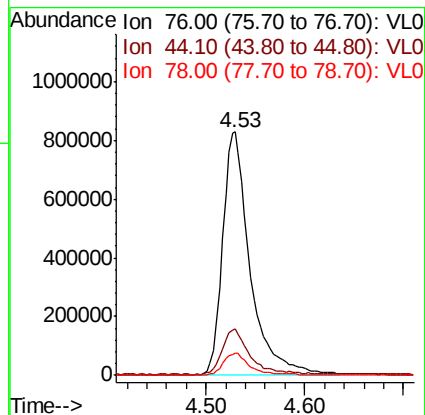
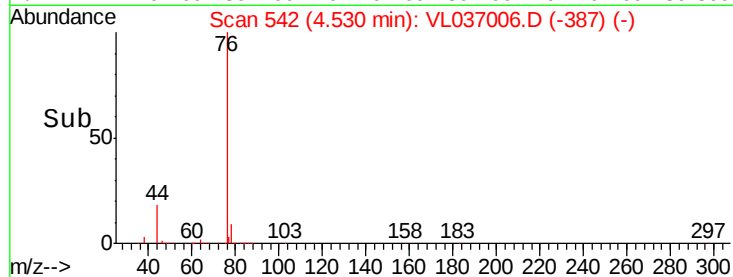
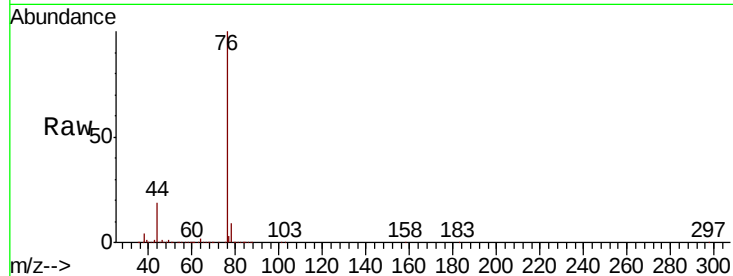
78 9.2 7.8 11.6

Manual Integrations

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#29

Chloroform

Concen: 0.429 ppbv

RT: 5.74 min Scan# 919

Delta R.T. 0.01 min

Lab File: VL037006.D

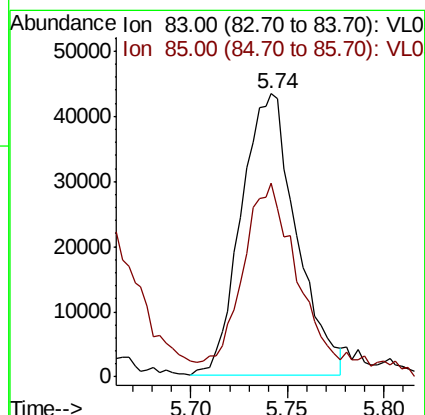
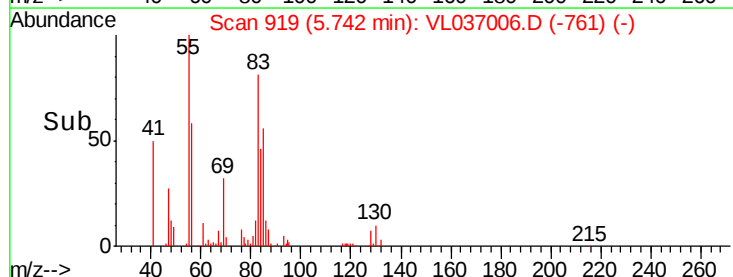
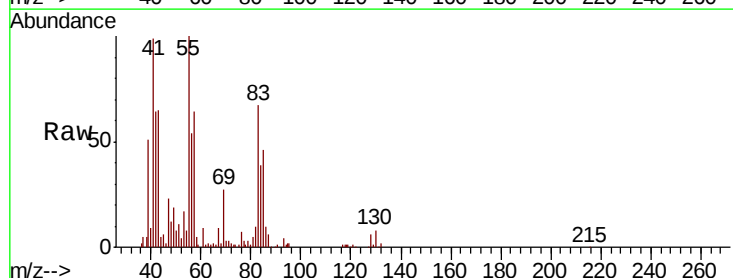
Acq: 20 May 2021 00:29

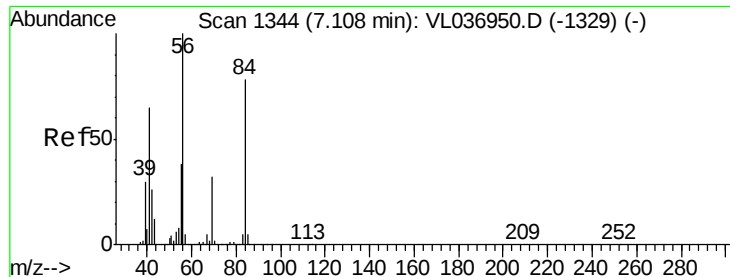
Tgt Ion: 83 Resp: 85913

Ion Ratio Lower Upper

83 100

85 63.4 51.1 76.7





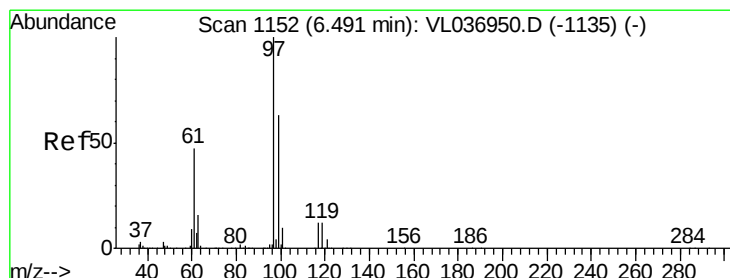
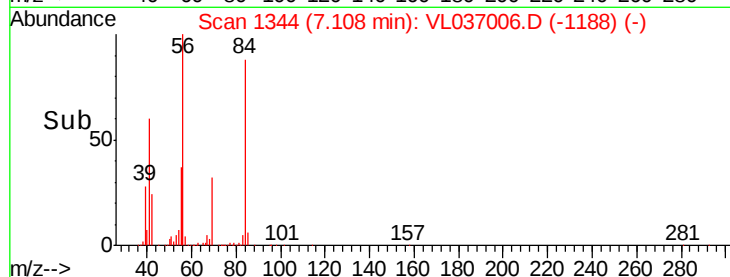
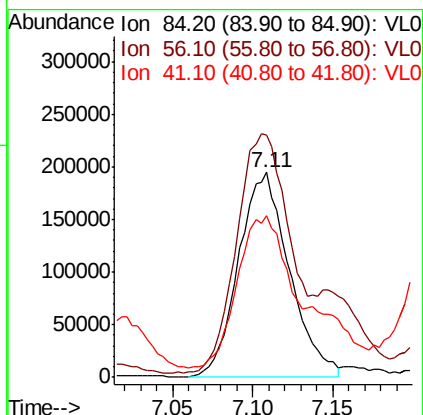
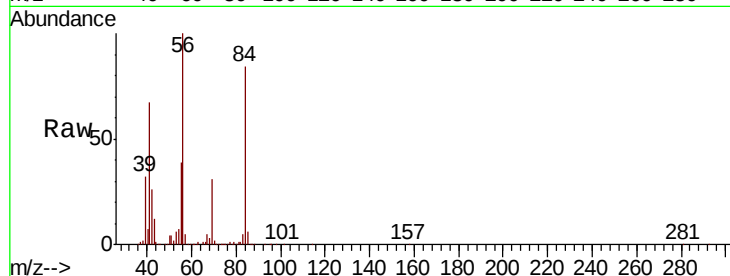
#30
Cvclohexane
Concen: 3.494 ppbv
RT: 7.11 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VL037006.D
Acq: 20 May 2021 00:29

Instrument :
MSVOA_L
ClientSampleId :
KSV-08

Tot Ion	Ratio	Lower	Upper
84	100		
56	160.8	107.9	161.9
41	106.5	65.5	98.3#

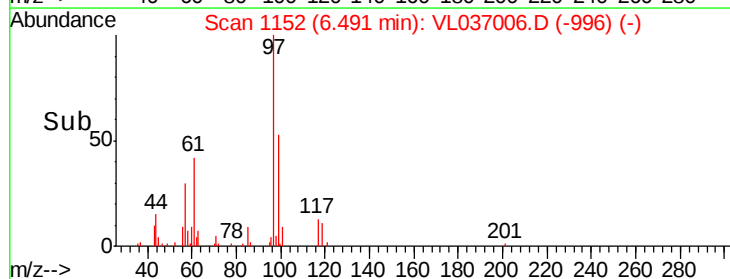
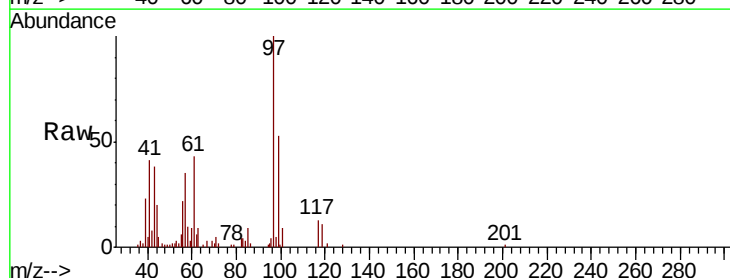
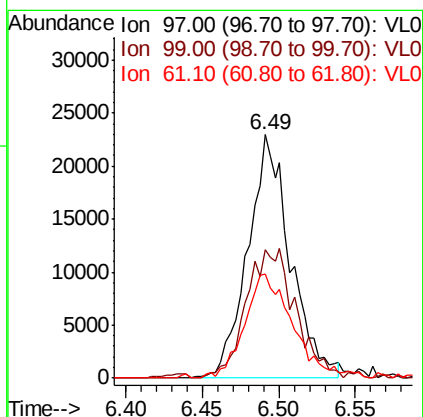
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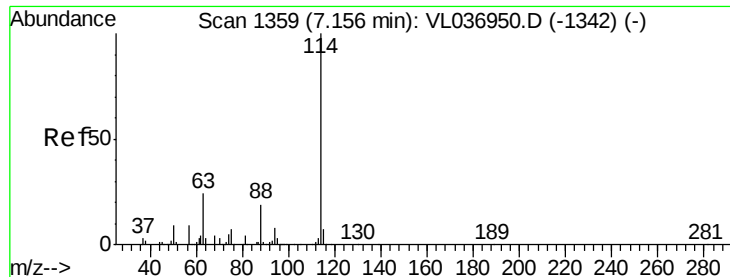
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 0.206 ppbv m
RT: 6.49 min Scan# 1152
Delta R.T. -0.00 min
Lab File: VL037006.D
Acq: 20 May 2021 00:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.9	77.9#
61	49.1	37.6	56.4





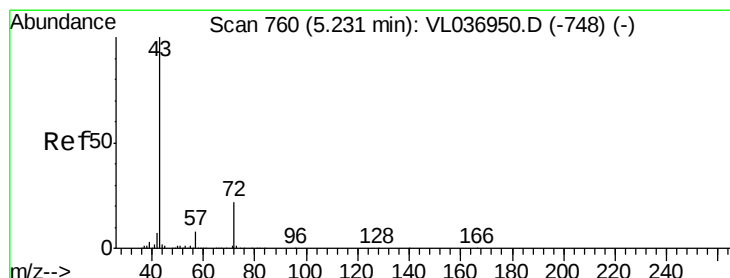
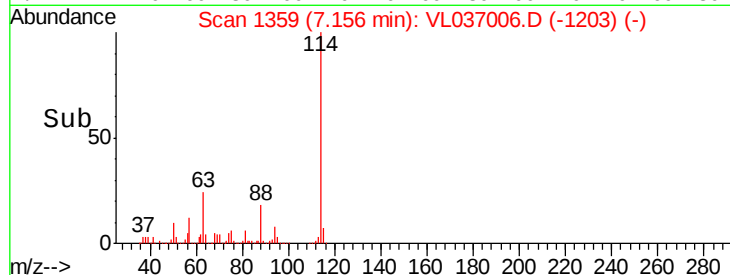
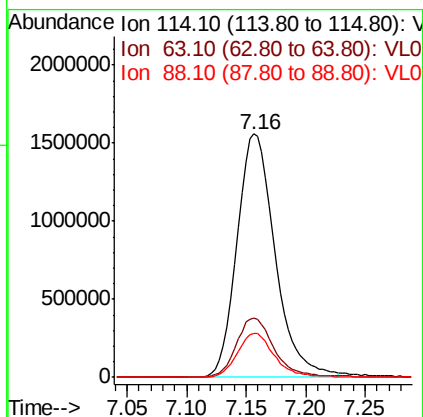
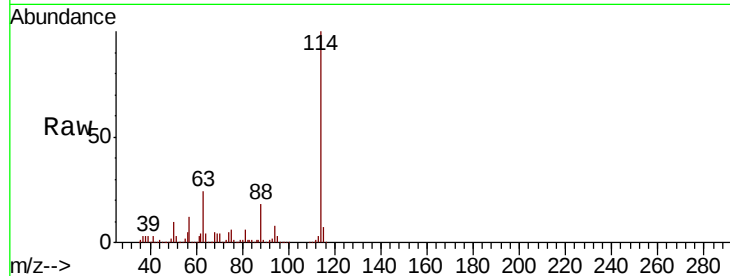
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VL037006.D
 Acq: 20 May 2021 00:29

Instrument :
 MSVOA_L
 ClientSampled :
 KSV-08

Tot Ion:114 Resp: 3465486
 Ion Ratio Lower Upper
 114 100
 63 24.6 19.6 29.4
 88 17.8 14.6 21.8

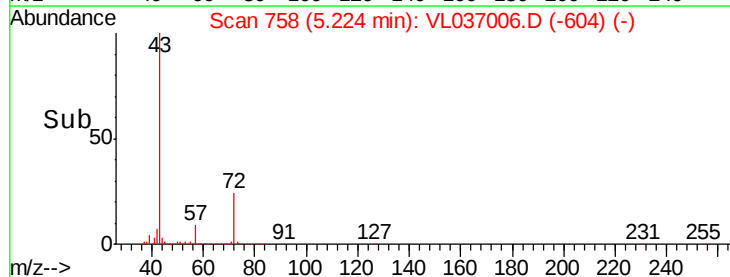
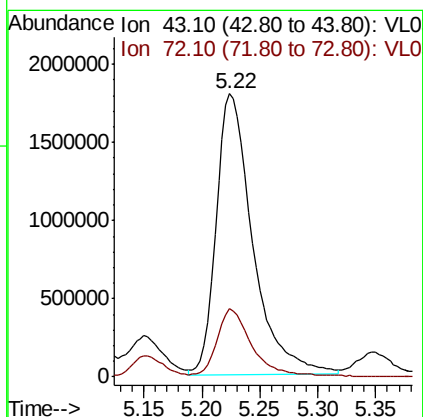
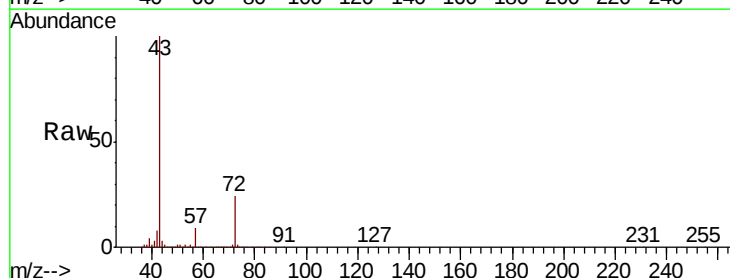
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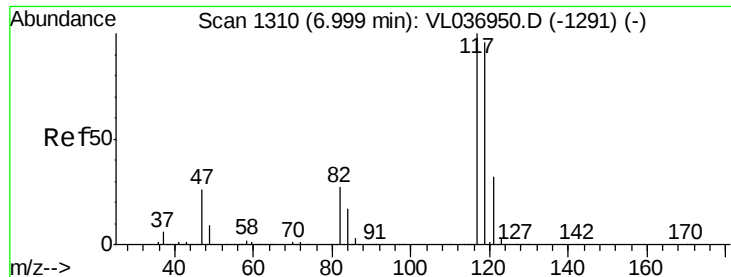
MMDadoda
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#34
 2-Butanone
 Concen: 31.336 ppbv
 RT: 5.22 min Scan# 758
 Delta R.T. -0.01 min
 Lab File: VL037006.D
 Acq: 20 May 2021 00:29

Tgt Ion: 43 Resp: 3954215
 Ion Ratio Lower Upper
 43 100
 72 23.7 19.0 28.4





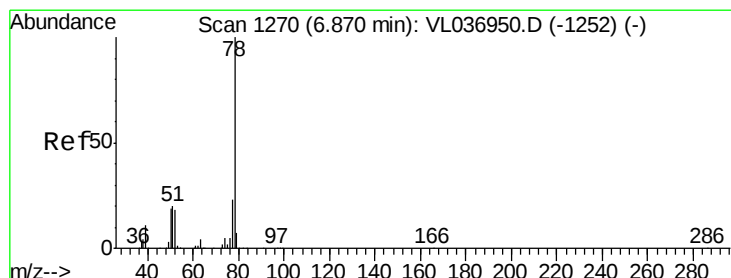
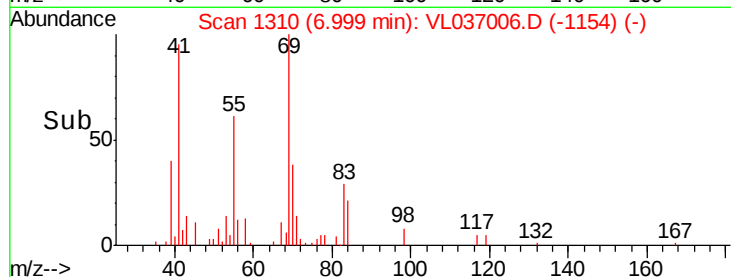
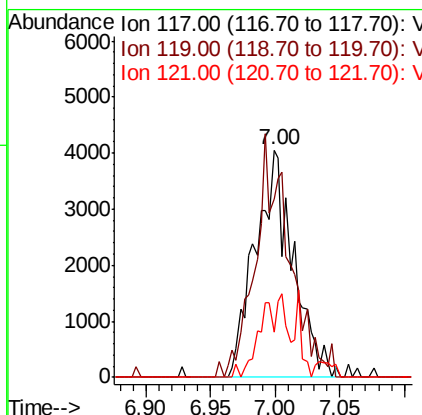
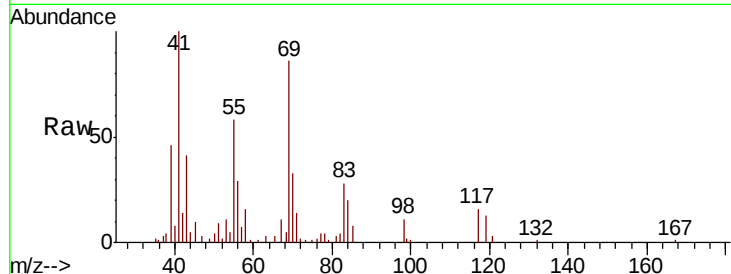
#35
Carbon Tetrachloride
Concen: 0.036 ppbv
RT: 7.00 min Scan# 1310
Delta R.T. -0.00 min
Lab File: VL037006.D
Acq: 20 May 2021 00:29

Instrument :
MSVOA_L
ClientSampled :
KSV-08

Tot Ion	Ratio	Lower	Upper
117	100		
119	78.5	76.6	114.8
121	20.0	25.8	38.6

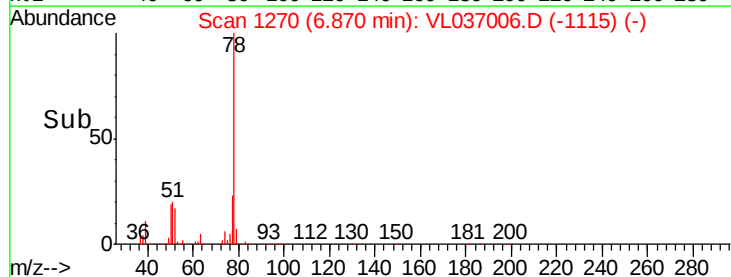
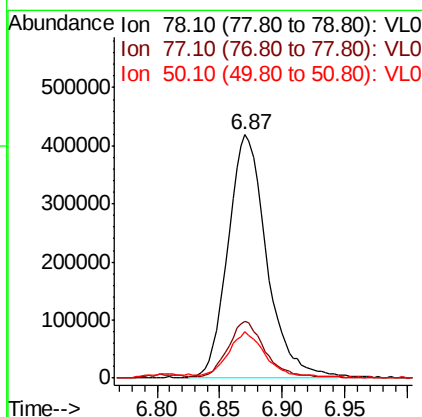
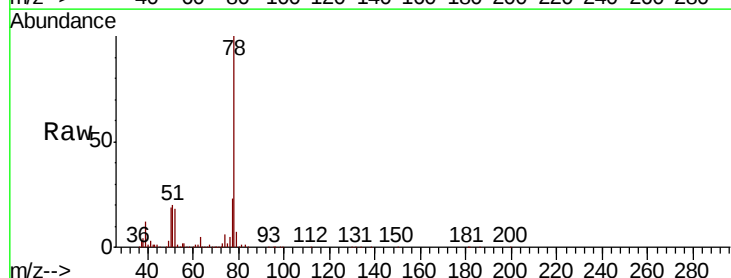
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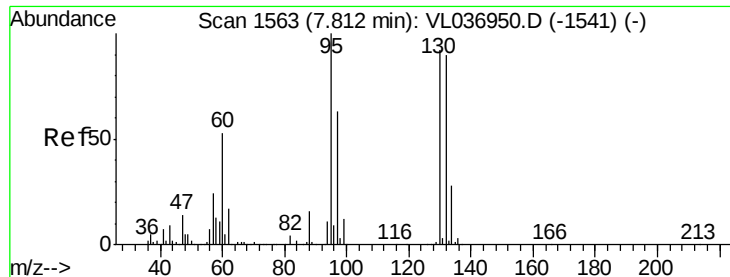
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#36
Benzene
Concen: 2.995 ppbv
RT: 6.87 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VL037006.D
Acq: 20 May 2021 00:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.6	28.0
50	18.6	15.0	22.4





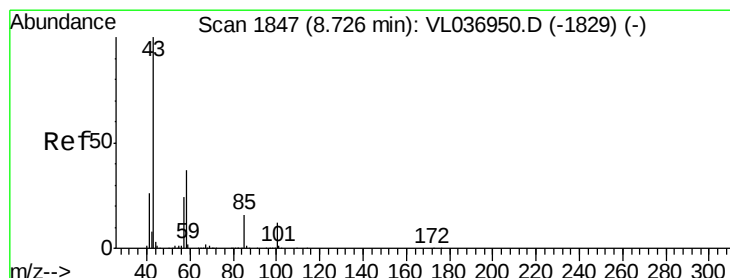
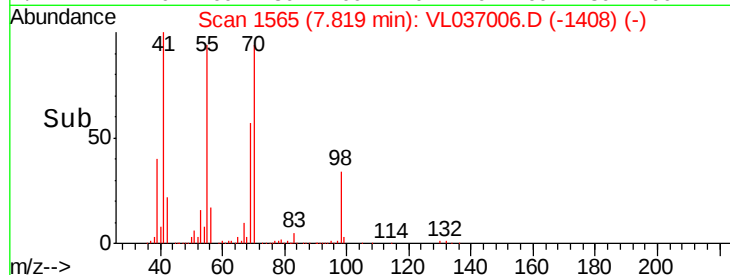
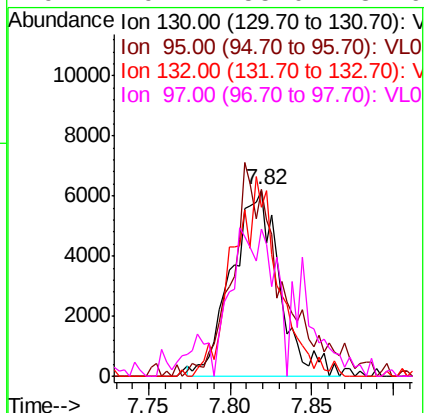
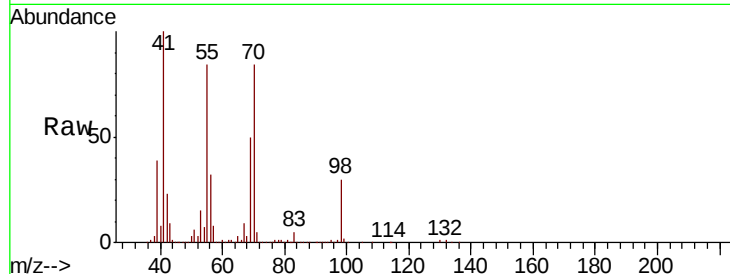
#38
 Trichloroethene
 Concen: 0.099 ppbv m
 RT: 7.82 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: VL037006.D
 Acq: 20 May 2021 00:29

Instrument :
 MSVOA_L
 ClientSampled :
 KSV-08

Tot Ion:	130	Resp:	12665
Ion	Ratio	Lower	Upper
130	100		
95	100.7	86.9	130.3
132	90.9	78.4	117.6
97	79.2	55.0	82.6

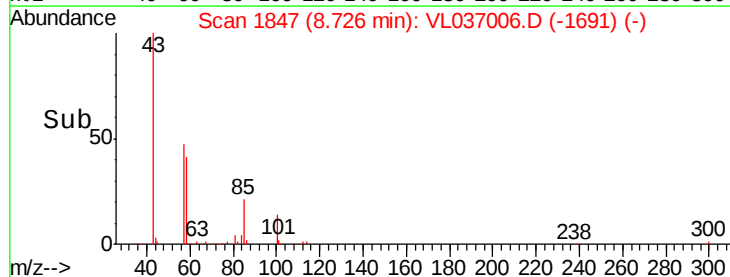
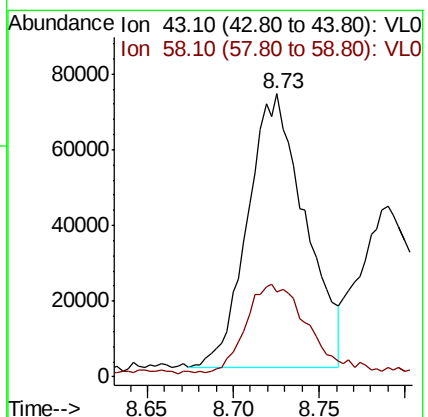
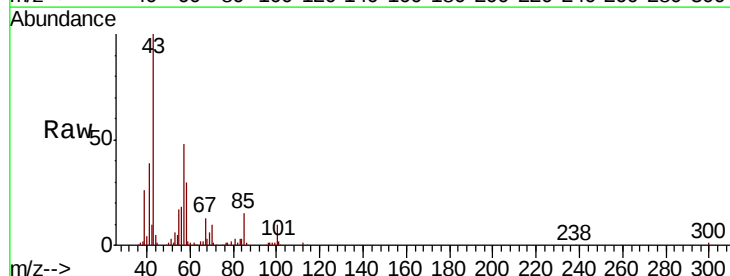
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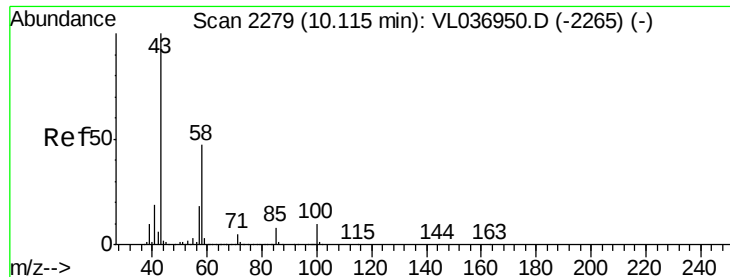
MMDadoda
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#50
 4-Methyl-2-Pentanone
 Concen: 0.805 ppbv
 RT: 8.73 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: VL037006.D
 Acq: 20 May 2021 00:29

Tgt Ion:	43	Resp:	167601
Ion	Ratio	Lower	Upper
43	100		
58	38.9	29.4	44.2





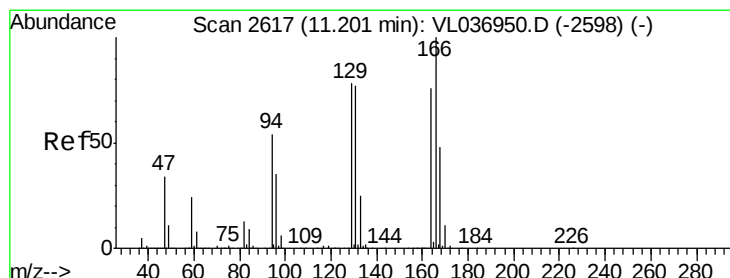
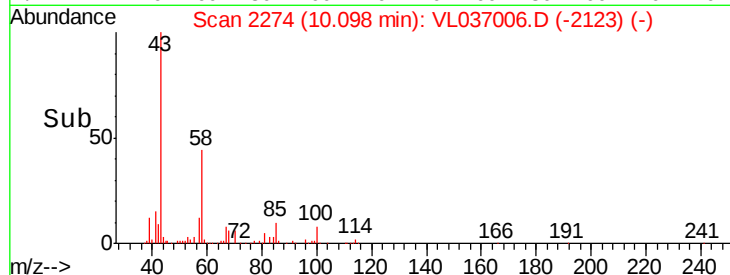
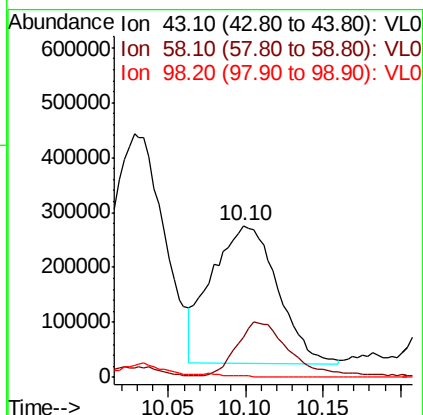
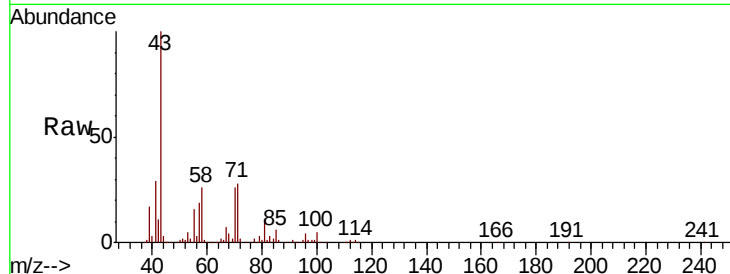
#51
2-Hexanone
Concen: 6.746 ppbv
RT: 10.10 min Scan# 2274
Delta R.T. -0.02 min
Lab File: VL037006.D
Acq: 20 May 2021 00:29

Instrument :
MSVOA_L
ClientSampled :
KSV-08

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.8	41.1	61.7#
98	0.0	0.1	0.1#

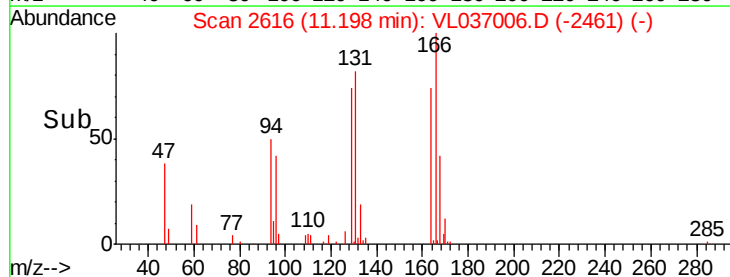
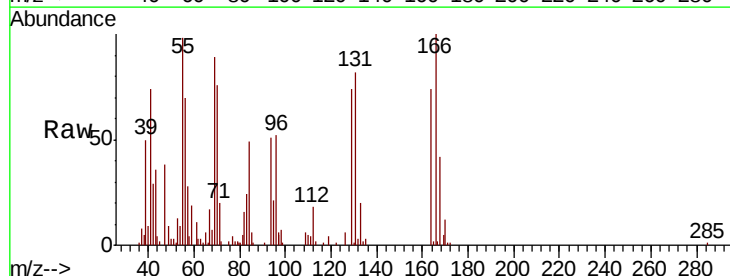
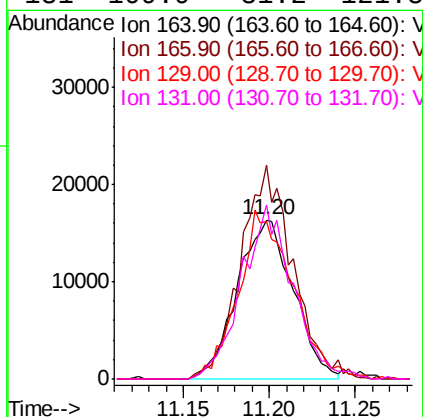
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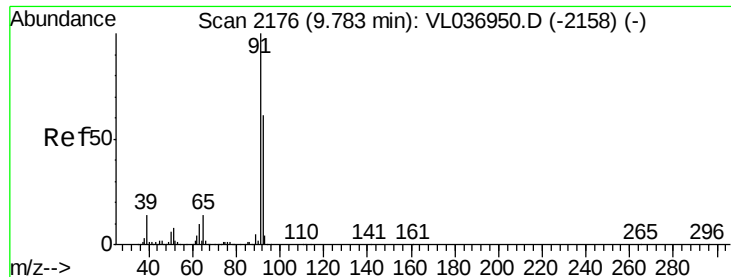
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#52
Tetrachloroethene
Concen: 0.311 ppbv
RT: 11.20 min Scan# 2616
Delta R.T. -0.00 min
Lab File: VL037006.D
Acq: 20 May 2021 00:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.6	105.5	158.3
129	99.4	81.8	122.8
131	109.9	81.2	121.8





#53

Toluene

Concen: 3.047 ppbv

RT: 9.78 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VL037006.D

Acq: 20 May 2021 00:29

Instrument :

MSVOA_L

ClientSampled :

KSV-08

Tot Ion: 91 Resp: 1082338

Ion Ratio Lower Upper

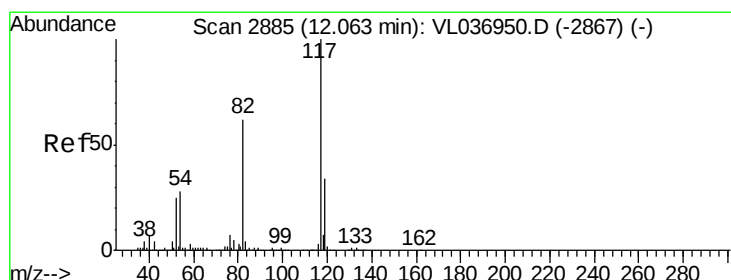
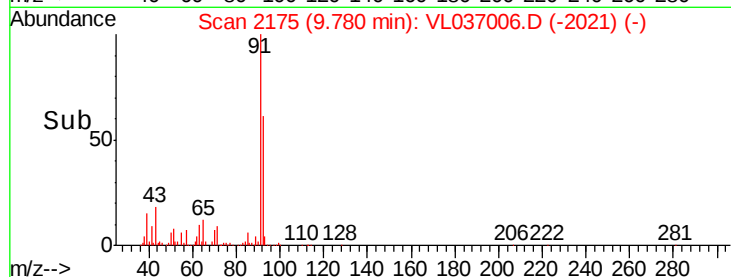
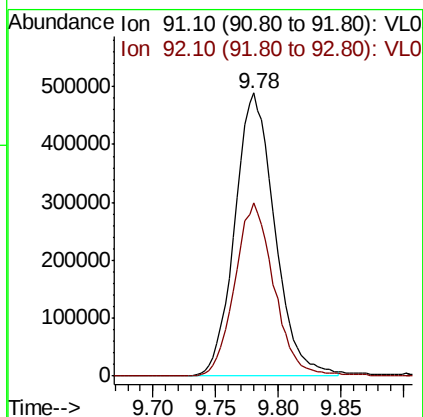
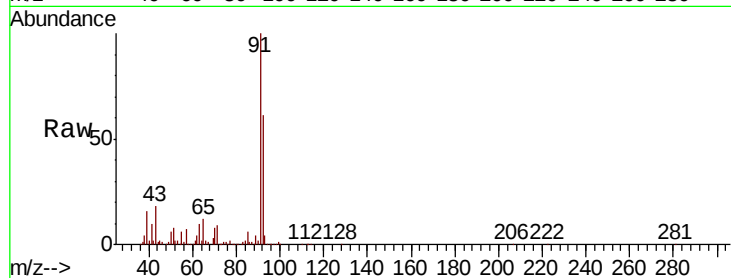
91 100

92 60.6 49.5 74.3

Manual Integrations
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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2883

Delta R.T. -0.01 min

Lab File: VL037006.D

Acq: 20 May 2021 00:29

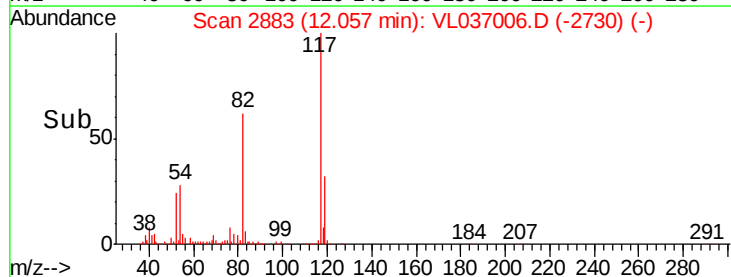
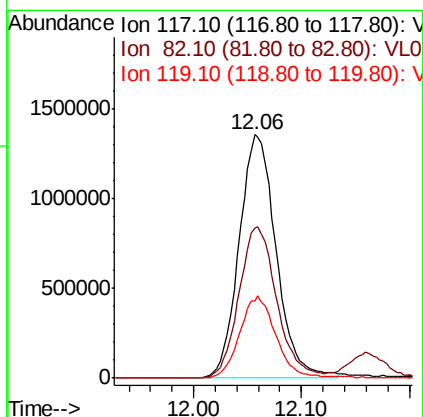
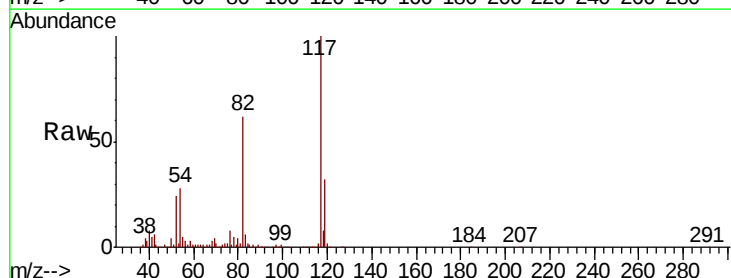
Tgt Ion: 117 Resp: 3241922

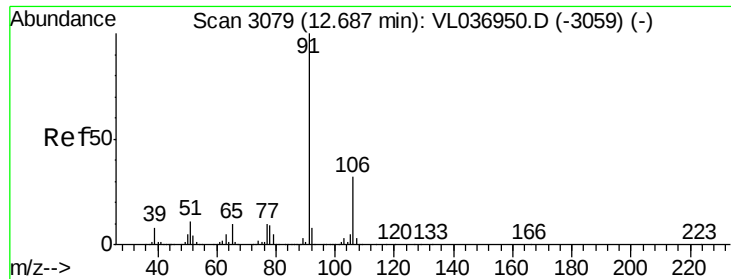
Ion Ratio Lower Upper

117 100

82 63.6 52.6 79.0

119 33.6 46.6 70.0#





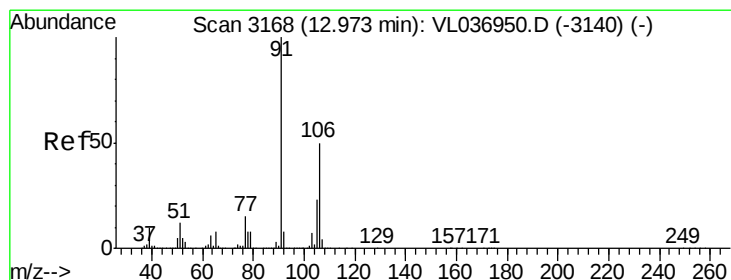
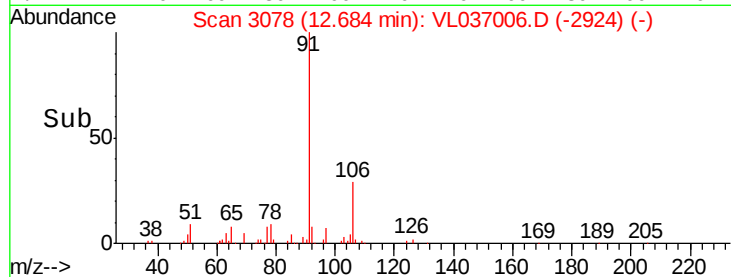
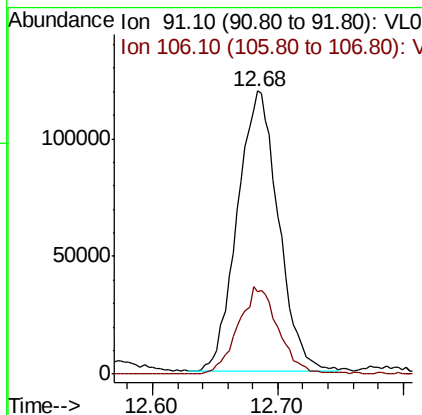
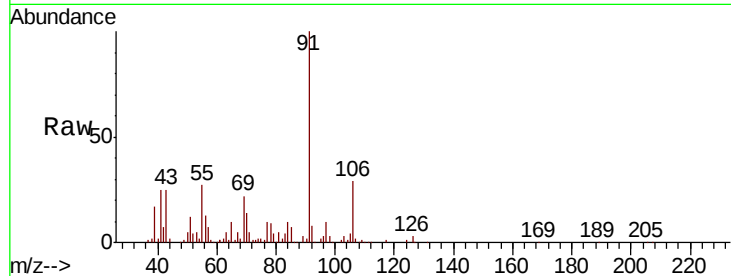
#58
Ethyl Benzene
Concen: 0.594 ppbv
RT: 12.68 min Scan# 3078
Delta R.T. -0.00 min
Lab File: VL037006.D
Acq: 20 May 2021 00:29

Instrument :
MSVOA_L
ClientSampled :
KSV-08

Tot Ion: 91 Resp: 271808
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4

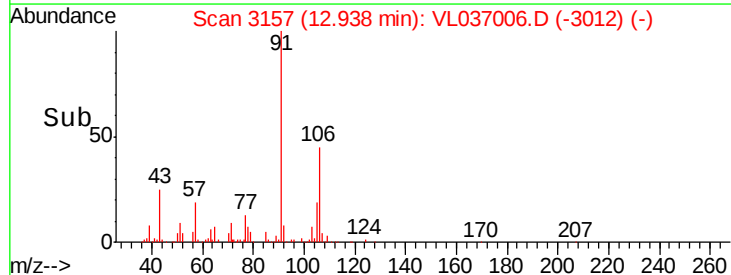
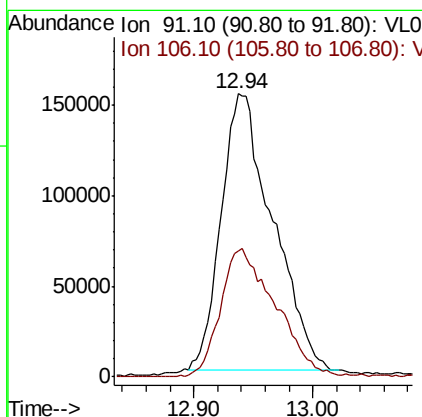
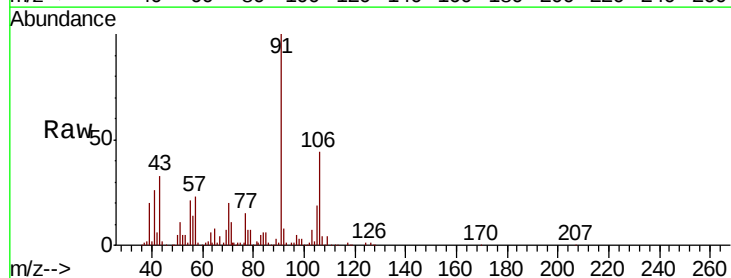
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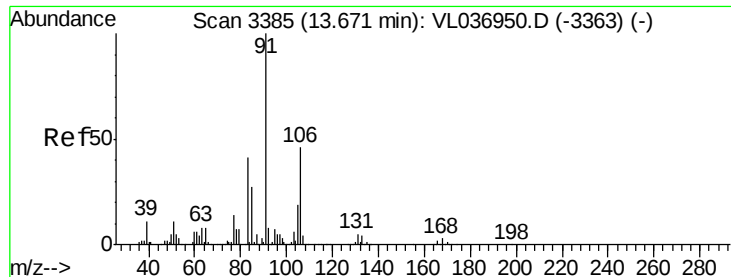
MMDadoda
5/24/2021 3:02:16 PM



#59
m/p-Xylene
Concen: 1.212 ppbv
RT: 12.94 min Scan# 3157
Delta R.T. -0.04 min
Lab File: VL037006.D
Acq: 20 May 2021 00:29

Tgt Ion: 91 Resp: 458520
Ion Ratio Lower Upper
91 100
106 50.5 37.4 56.2





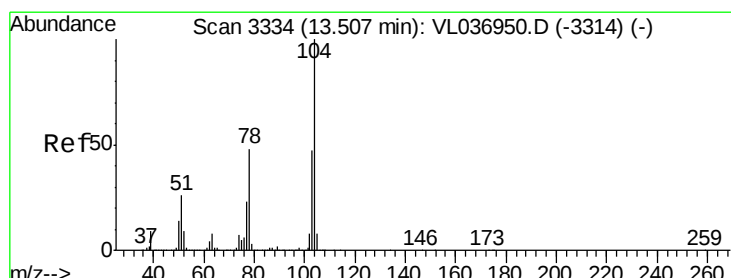
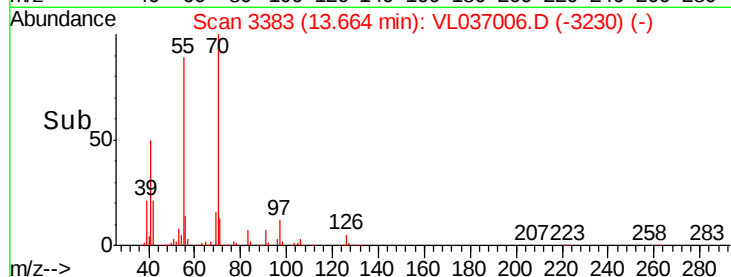
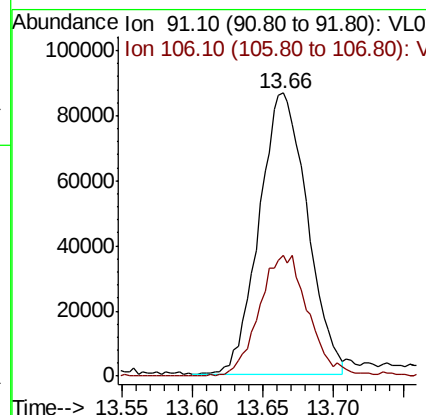
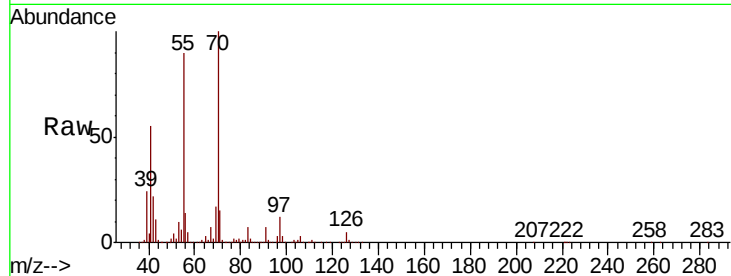
#60
o-Xylene
Concen: 0.568 ppbv
RT: 13.66 min Scan# 3383
Delta R.T. -0.01 min
Lab File: VL037006.D
Acq: 20 May 2021 00:29

Instrument :
MSVOA_L
ClientSampled :
KSV-08

Tot Ion	Ratio	Lower	Upper
91	100		
106	43.9	23.4	70.3

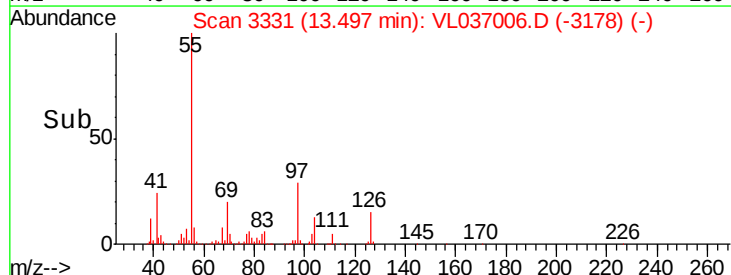
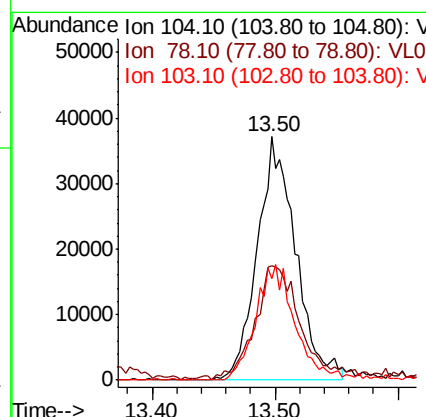
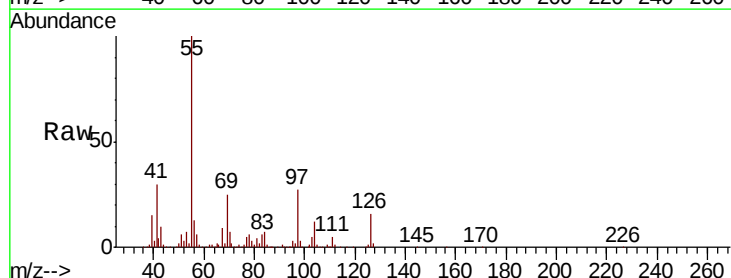
Manual Integrations
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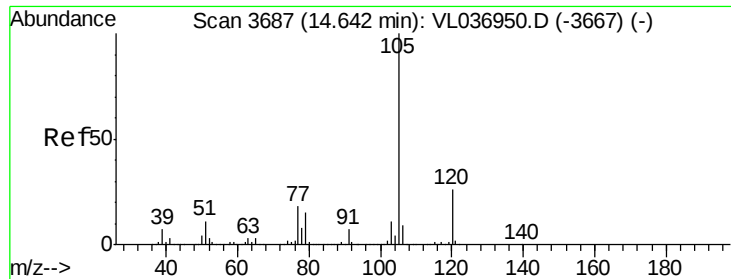
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#61
Styrene
Concen: 0.396 ppbv m
RT: 13.50 min Scan# 3331
Delta R.T. -0.01 min
Lab File: VL037006.D
Acq: 20 May 2021 00:29

Tgt Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.0	58.6#
103	49.3	38.0	57.0





#62

Isopropylbenzene

Concen: 0.192 ppbv

RT: 14.64 min Scan# 3685

Delta R.T. -0.01 min

Lab File: VL037006.D

Acq: 20 May 2021 00:29

Instrument :

MSVOA_L

ClientSampled :

KSV-08

Tot Ion:105 Resp: 99308

Ion Ratio Lower Upper

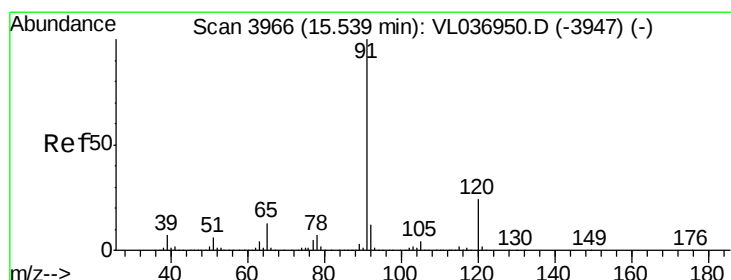
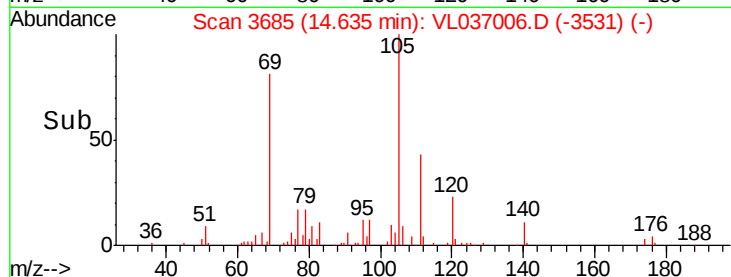
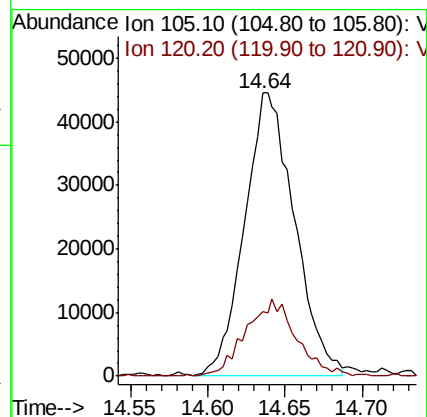
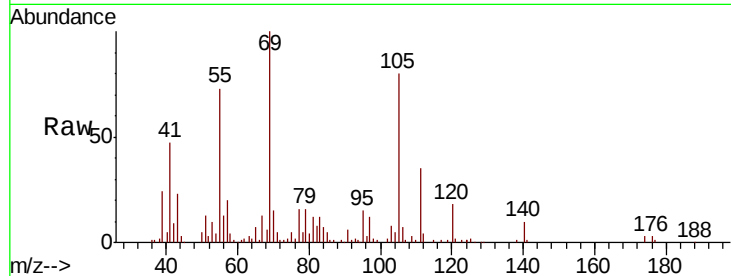
105 100

120 27.7 21.7 32.5

Manual Integrations
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#64

n-propylbenzene

Concen: 0.273 ppbv

RT: 15.54 min Scan# 3965

Delta R.T. -0.00 min

Lab File: VL037006.D

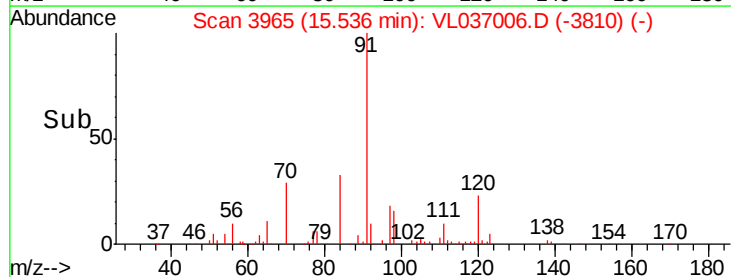
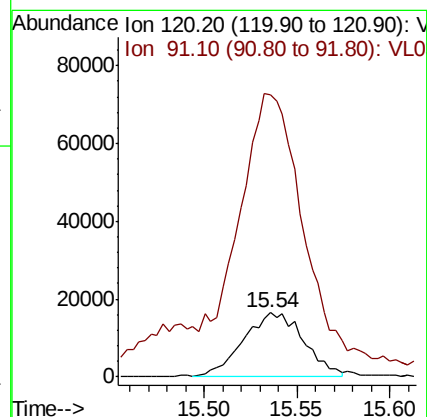
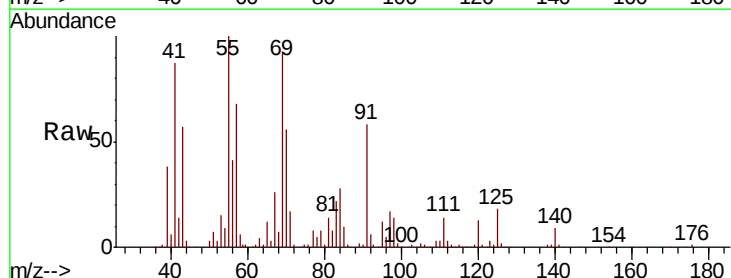
Acq: 20 May 2021 00:29

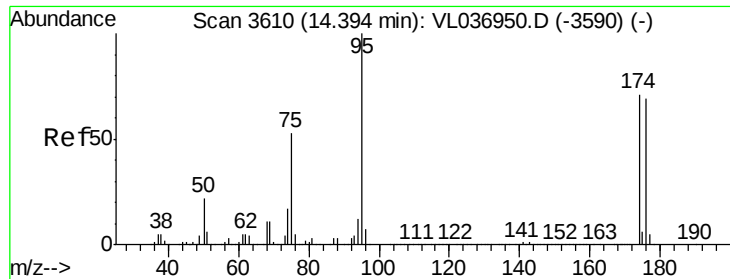
Tgt Ion:120 Resp: 36554

Ion Ratio Lower Upper

120 100

91 544.5 343.8 515.6#





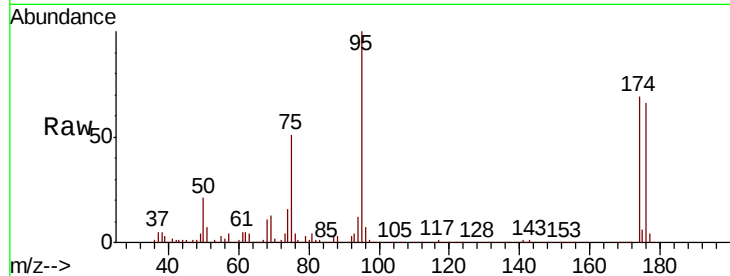
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.456 ppbv
 RT: 14.39 min Scan# 3608
 Delta R.T. -0.01 min
 Lab File: VL037006.D
 Acq: 20 May 2021 00:29

Instrument :
 MSVOA_L
 ClientSampled :
 KSV-08

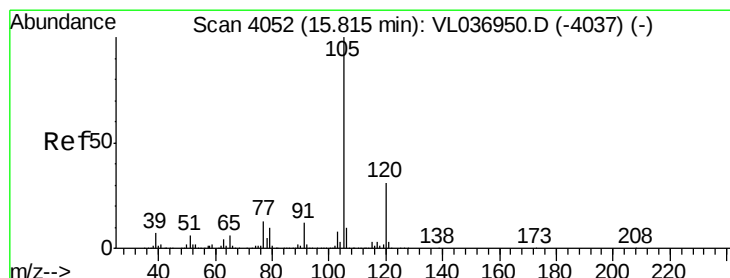
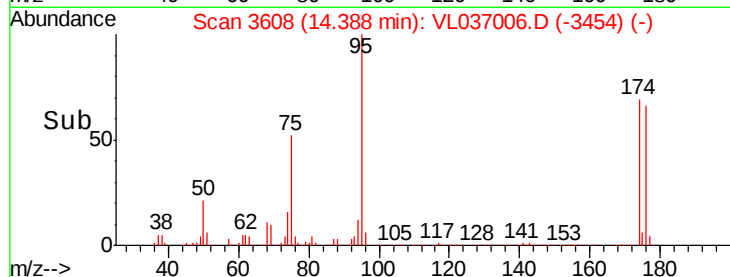
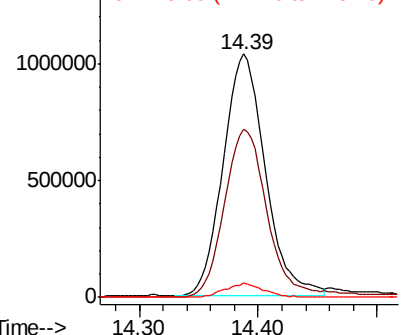
Tot Ion	Ratio	Lower	Upper
95	100		
174	73.4	58.4	87.6
175	5.7	4.4	6.6

Manual Integrations
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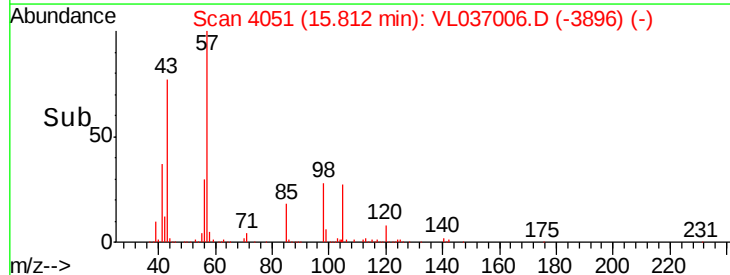
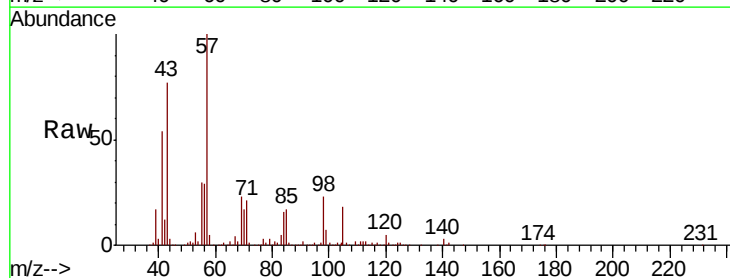
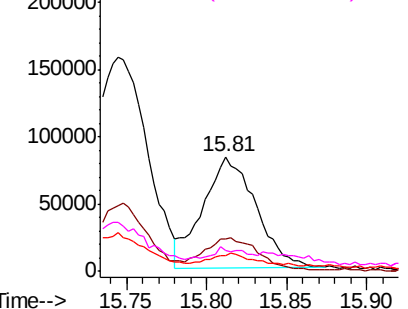
Abundance Ion 95.10 (94.80 to 95.80): VL036950.D (-3590) (-)
 Ion 174.00 (173.70 to 174.70): VL036950.D (-3590) (-)
 Ion 175.00 (174.70 to 175.70): VL036950.D (-3590) (-)

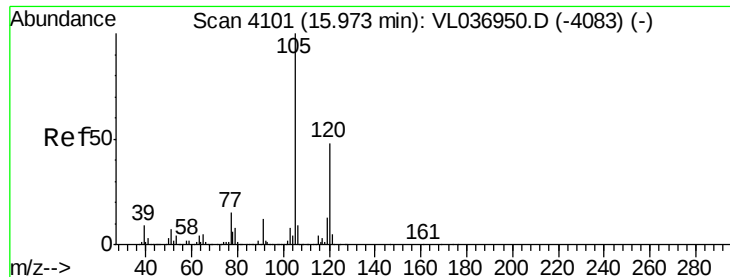


#72
 4-Ethyltoluene
 Concen: 0.441 ppbv
 RT: 15.81 min Scan# 4051
 Delta R.T. -0.00 min
 Lab File: VL037006.D
 Acq: 20 May 2021 00:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	33.3	24.6	37.0
91	17.6	9.8	14.6#
77	23.0	10.4	15.6#

Abundance Ion 105.10 (104.80 to 105.80): VL036950.D (-4037) (-)
 Ion 120.20 (119.90 to 120.90): VL036950.D (-4037) (-)
 Ion 91.10 (90.80 to 91.80): VL036950.D (-4037) (-)
 Ion 77.10 (76.80 to 77.80): VL036950.D (-4037) (-)





#73

1,3,5-Trimethylbenzene

Concen: 0.549 ppbv

RT: 15.98 min Scan# 4102

Delta R.T. 0.00 min

Lab File: VL037006.D

Acq: 20 May 2021 00:29

Instrument :

MSVOA_L

ClientSampled :

KSV-08

Tot Ion:105 Resp: 220780

Ion Ratio Lower Upper

105 100

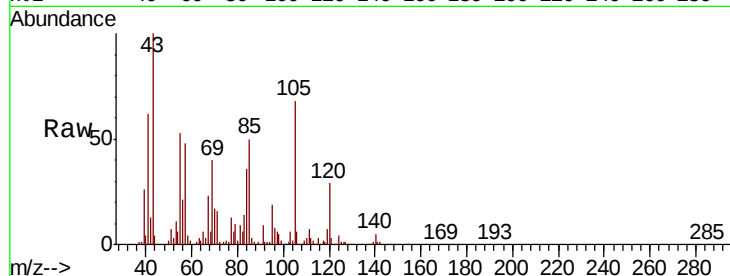
120 43.2 38.6 58.0

Manual Integrations

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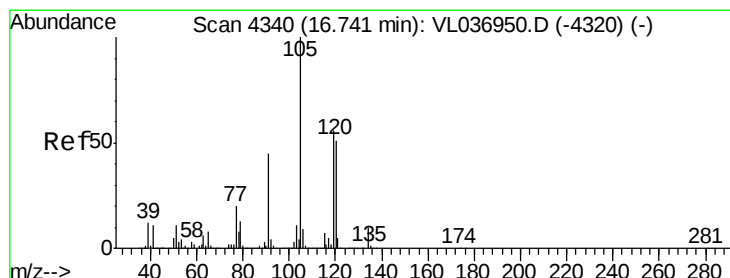
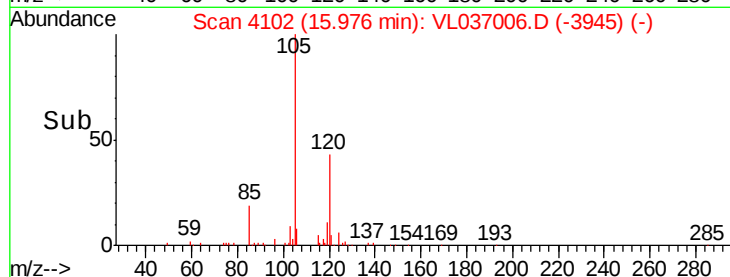
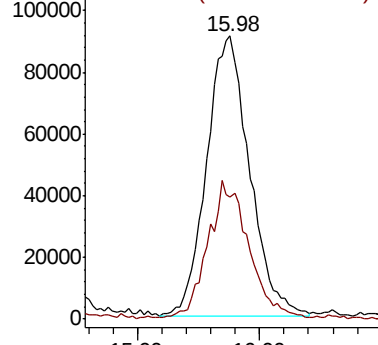
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 1.405 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. 0.00 min

Lab File: VL037006.D

Acq: 20 May 2021 00:29

Tgt Ion:105 Resp: 584160

Ion Ratio Lower Upper

105 100

120 43.3 40.6 61.0

91 11.7 37.4 56.0#

77 14.5 16.2 24.4#

Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

