

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052021\
 Data File : VL037035.D
 Acq On : 20 May 2021 22:20
 Operator : SY/AP
 Sample : M2424-06 2X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-07

Quant Time: May 21 01:19:16 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 12:00:15 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	5.63	49	1129577	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.14	114	3306035	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.04	117	2904391	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	2181420	10.00	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

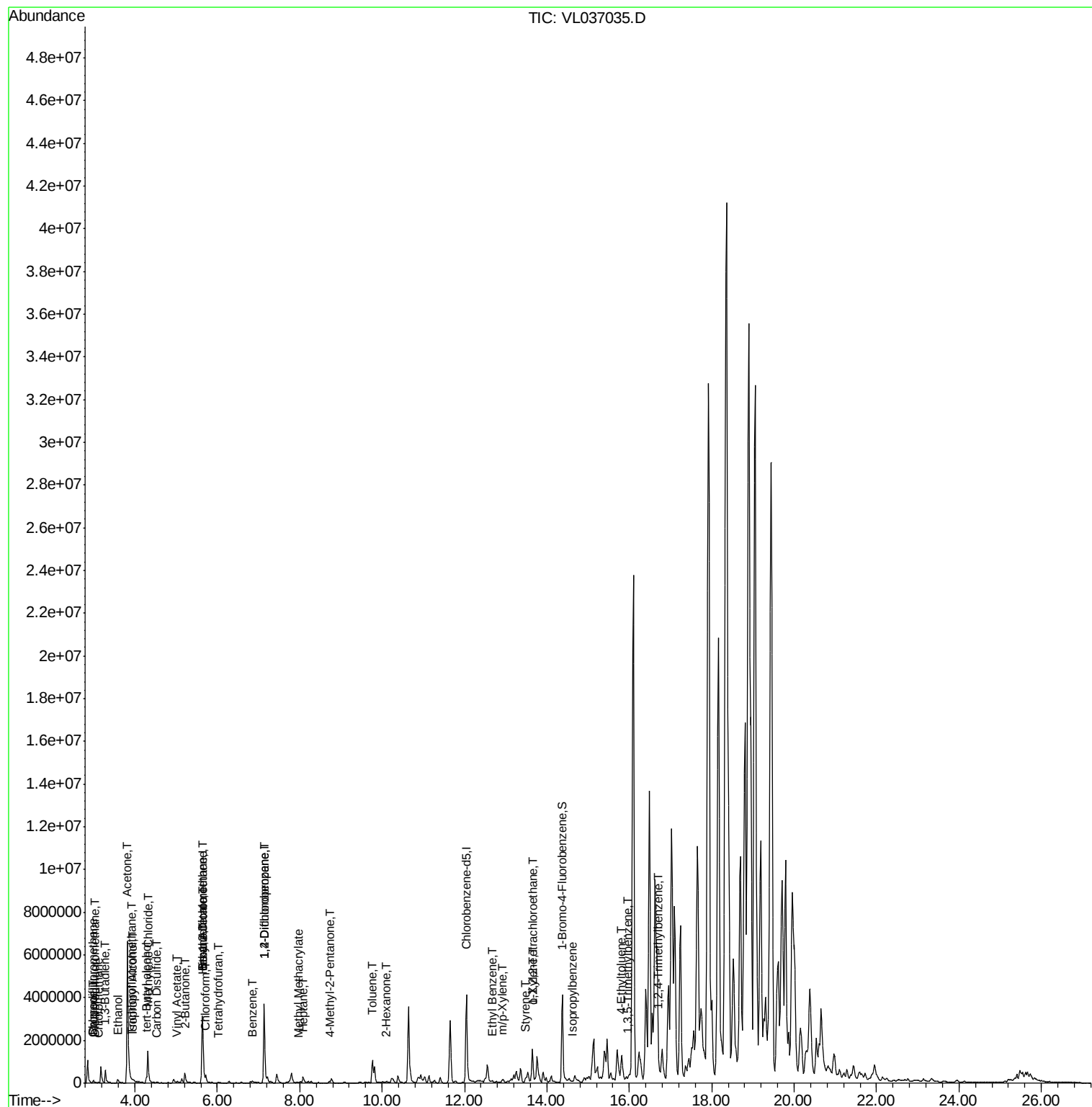
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	21070	0.110	ppbv	97
3) Chlorodifluoromethane	2.97	51	32003	0.155	ppbv	95
4) Chloromethane	3.12	50	17240	0.245	ppbv	95
9) Propene	2.99	41	61274	0.827	ppbv	98
10) Heptane	8.08	43	134664	0.729	ppbv	96
11) Trichlorofluoromethane	3.92	101	18836	0.106	ppbv	97
13) Ethanol	3.58	45	255719	25.864	ppbv	95
15) Acetone	3.82	43	9241507	79.875	ppbv	99
16) 1,3-Butadiene	3.28	39	186475	2.594	ppbv #	17
17) tert-Butyl alcohol	4.28	59	95001	0.896	ppbv	99
19) Isopropyl Alcohol	3.95	45	115371	1.855	ppbv #	30
20) Methylene Chloride	4.31	84	612315	9.873	ppbv	97
23) Vinyl Acetate	5.03	43	36781	0.200	ppbv #	65
25) Ethyl Acetate	5.65	43	810916	2.917	ppbv #	96
26) Hexane	5.65	57	546030	3.844	ppbv #	70
27) Carbon Disulfide	4.52	76	5087	0.036	ppbv #	1
29) Chloroform	5.72	83	201097	1.002	ppbv	100
31) cis-1,2-Dichloroethene	5.64	61	21998	0.173	ppbv #	25
34) 2-Butanone	5.21	43	638427	5.303	ppbv	98
36) Benzene	6.85	78	32133	0.113	ppbv	93
39) 1,2-Dichloropropane	7.14	63	776385	7.077	ppbv #	26
41) Tetrahydrofuran	6.02	42	3283	0.048	ppbv #	1
43) Methyl Methacrylate	7.98	69	3364	0.034	ppbv #	1
50) 4-Methyl-2-Pentanone	8.72	43	63297	0.319	ppbv	98
51) 2-Hexanone	10.10	43	51116	0.487	ppbv #	78
53) Toluene	9.76	91	935909	2.762	ppbv	98
58) Ethyl Benzene	12.66	91	63024	0.154	ppbv	92
59) m/p-Xylene	12.93	91	93535	0.276	ppbv #	52
60) o-Xylene	13.65	91	39652	0.123	ppbv #	30
61) Styrene	13.49	104	42847	0.235	ppbv	91
62) Isopropylbenzene	14.63	105	26161	0.056	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.65	83	55247	0.229	ppbv #	26
72) 4-Ethyltoluene	15.80	105	32767	0.085	ppbv #	71
73) 1,3,5-Trimethylbenzene	15.96	105	35343	0.098	ppbv	95
74) 1,2,4-Trimethylbenzene	16.72	105	83353	0.224	ppbv #	64

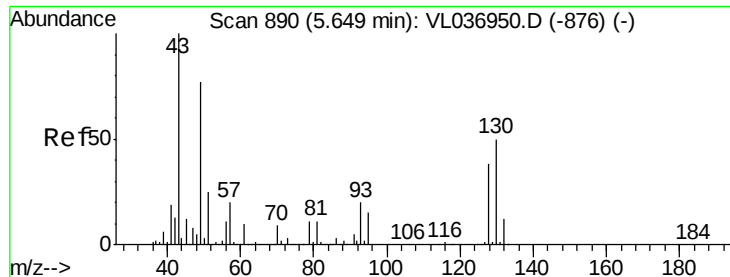
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.02 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

KSV-07

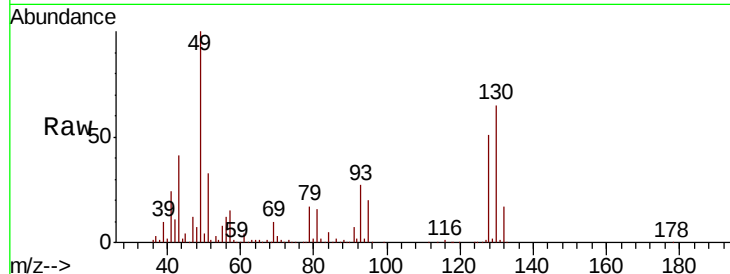
Tot Ion: 49 Resp: 1129577

Ion Ratio Lower Upper

49 100

128 53.9 26.9 80.7

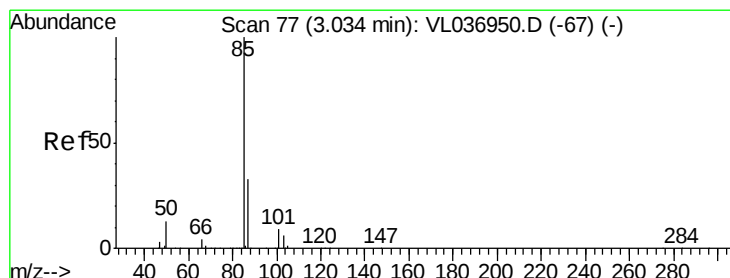
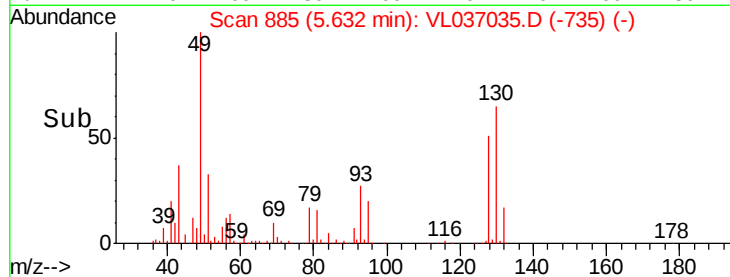
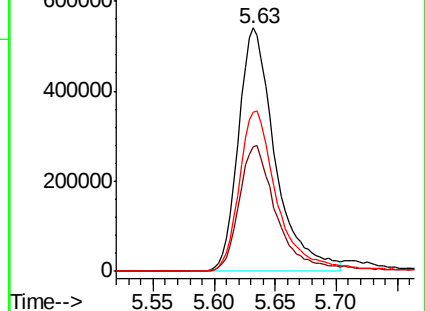
130 69.4 33.8 101.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.110 ppbv

RT: 3.02 min Scan# 74

Delta R.T. -0.01 min

Lab File: VL037035.D

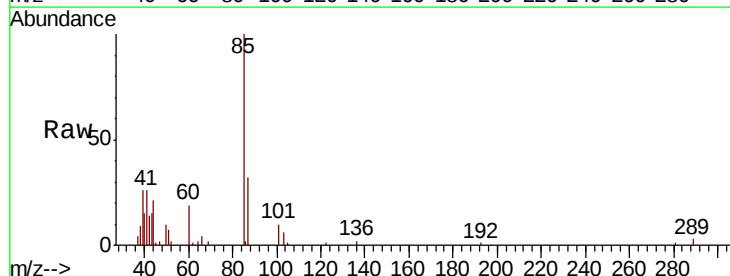
Acq: 20 May 2021 22:20

Tgt Ion: 85 Resp: 21070

Ion Ratio Lower Upper

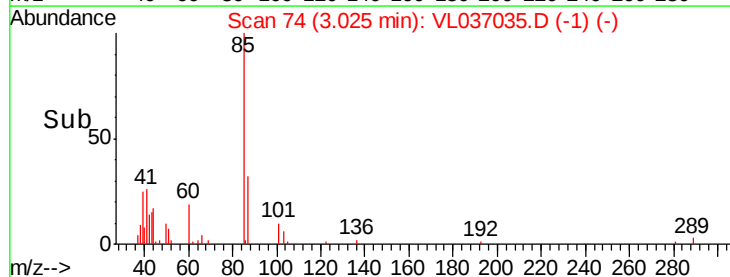
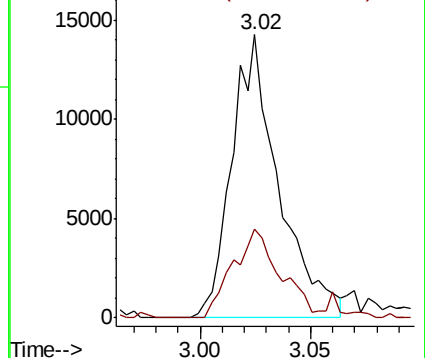
85 100

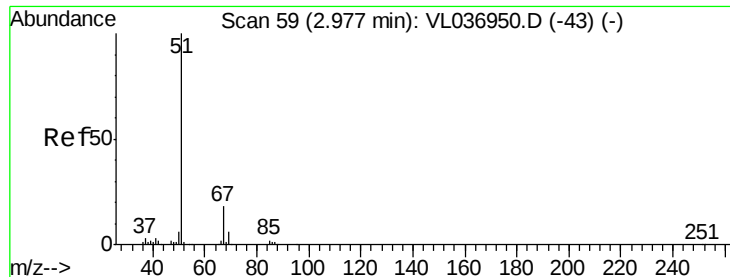
87 31.6 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.155 ppbv

RT: 2.97 min Scan# 56

Delta R.T. -0.01 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

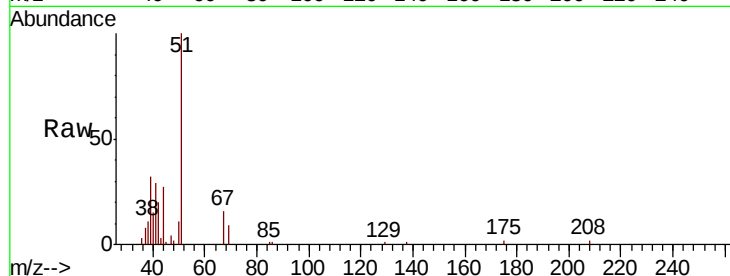
KSV-07

Tot Ion: 51 Resp: 32003

Ion Ratio Lower Upper

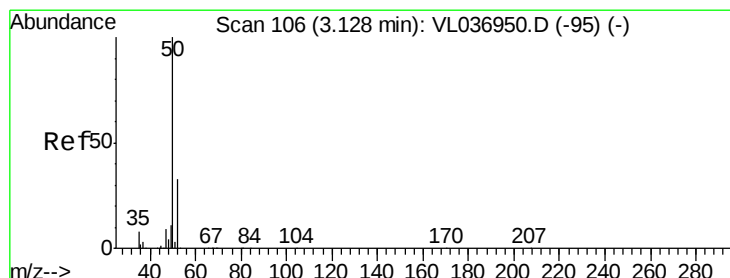
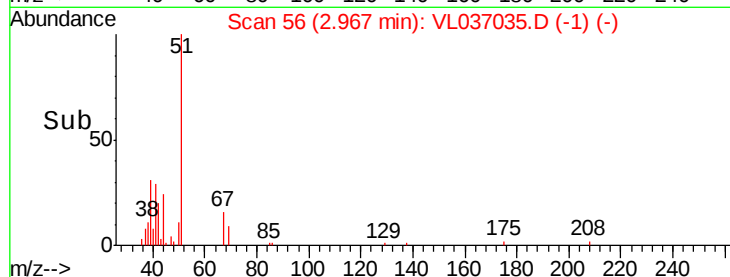
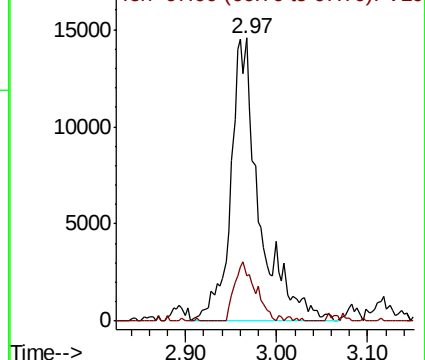
51 100

67 16.0 14.6 21.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.245 ppbv

RT: 3.12 min Scan# 103

Delta R.T. -0.01 min

Lab File: VL037035.D

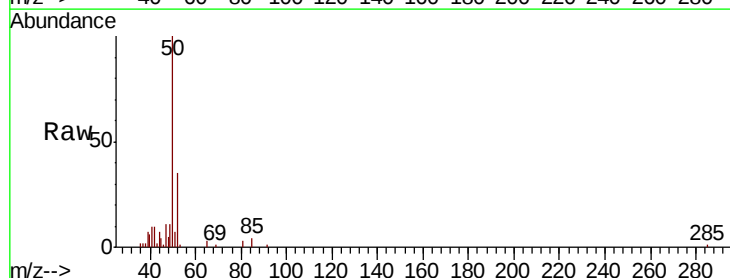
Acq: 20 May 2021 22:20

Tgt Ion: 50 Resp: 17240

Ion Ratio Lower Upper

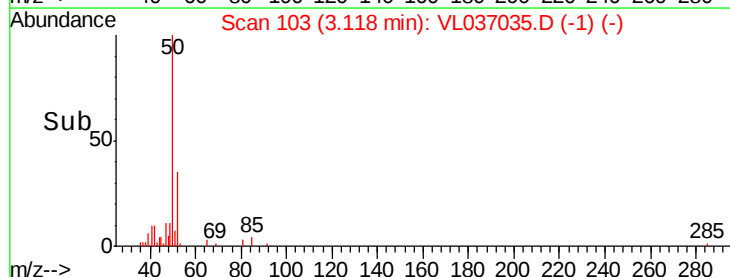
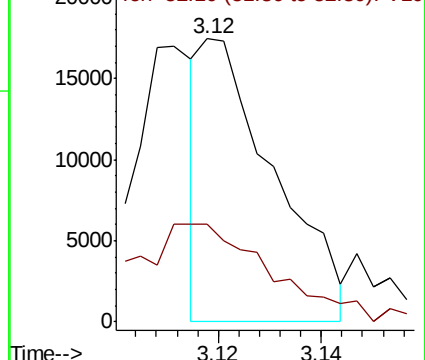
50 100

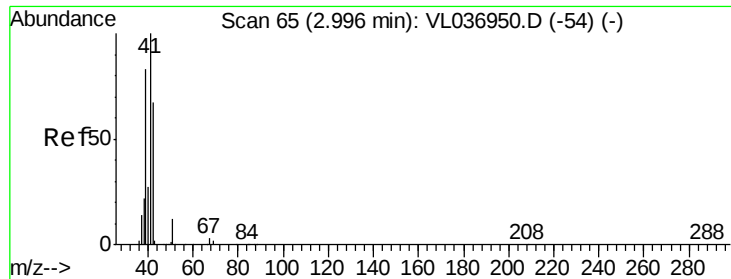
52 30.1 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.827 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.01 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

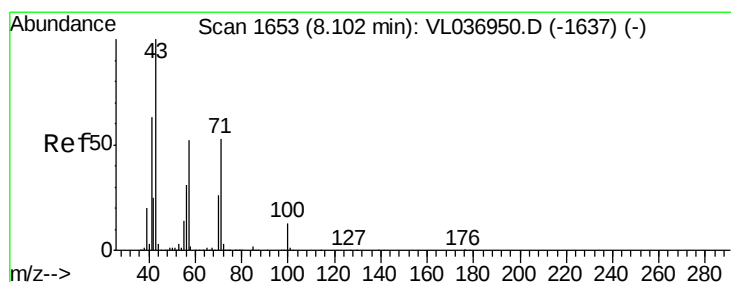
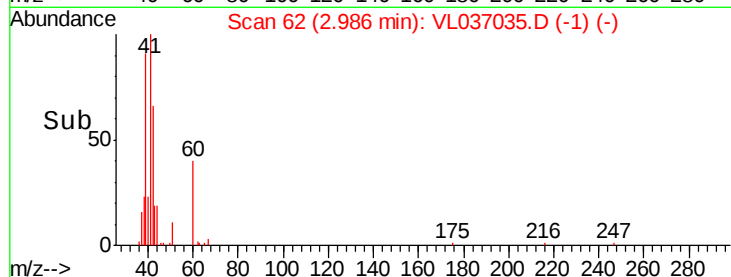
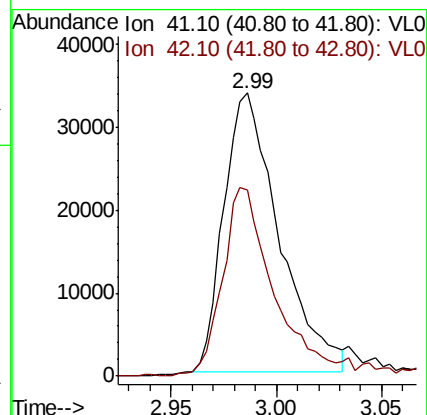
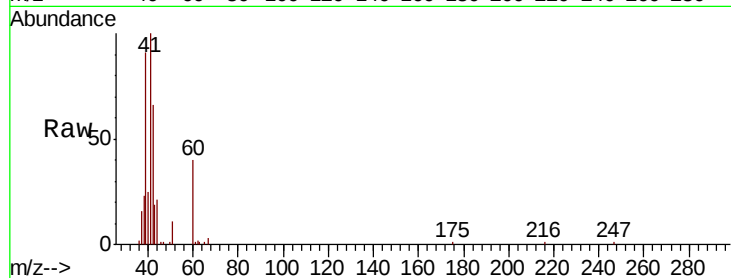
KSV-07

Tot Ion: 41 Resp: 61274

Ion Ratio Lower Upper

41 100

42 66.1 53.9 80.9



#10

Heptane

Concen: 0.729 ppbv

RT: 8.08 min Scan# 1646

Delta R.T. -0.02 min

Lab File: VL037035.D

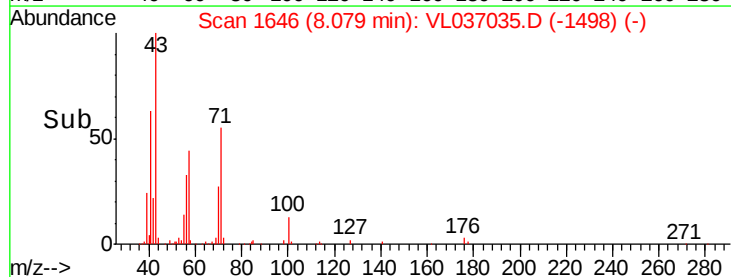
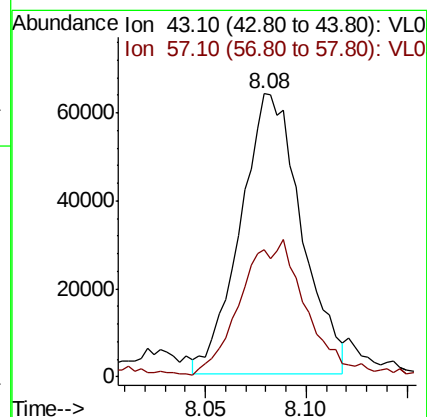
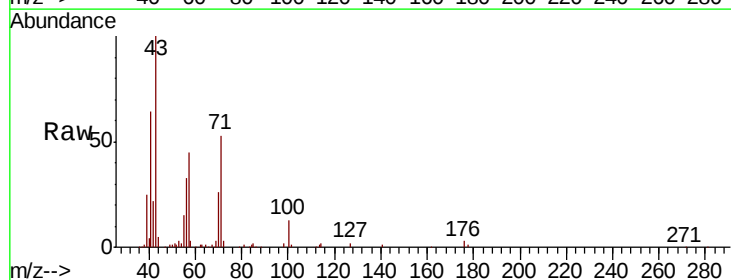
Acq: 20 May 2021 22:20

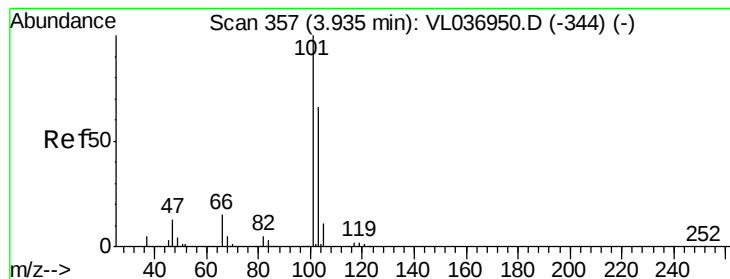
Tgt Ion: 43 Resp: 134664

Ion Ratio Lower Upper

43 100

57 54.0 41.0 61.6





#11

Trichlorofluoromethane

Concen: 0.106 ppbv

RT: 3.92 min Scan# 353

Delta R.T. -0.01 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

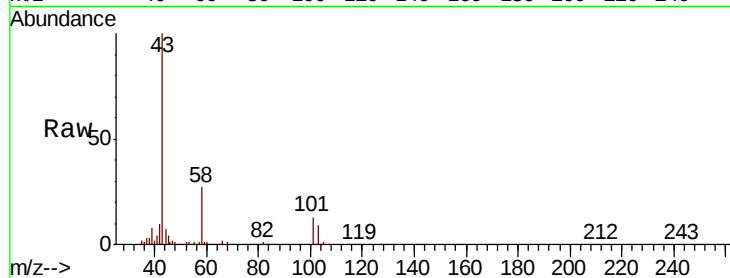
KSV-07

Tot Ion:101 Resp: 18836

Ion Ratio Lower Upper

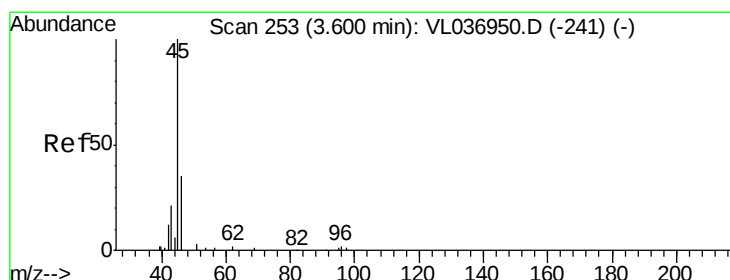
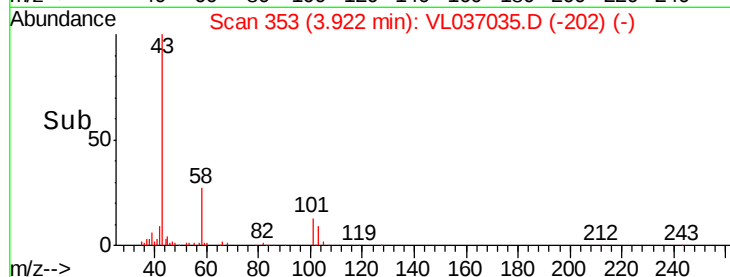
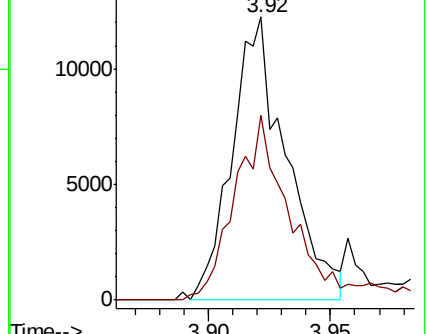
101 100

103 63.2 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Ethanol

Concen: 25.864 ppbv

RT: 3.58 min Scan# 248

Delta R.T. -0.02 min

Lab File: VL037035.D

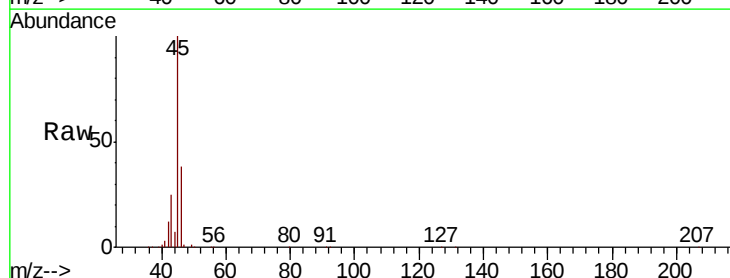
Acq: 20 May 2021 22:20

Tgt Ion: 45 Resp: 255719

Ion Ratio Lower Upper

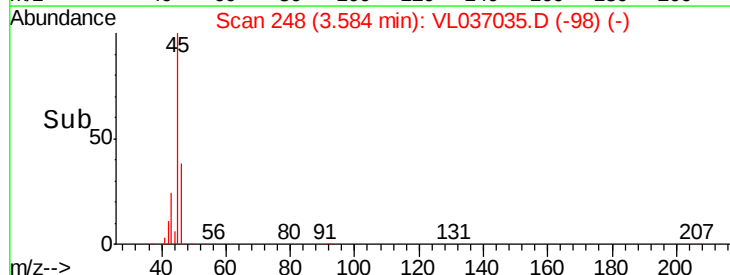
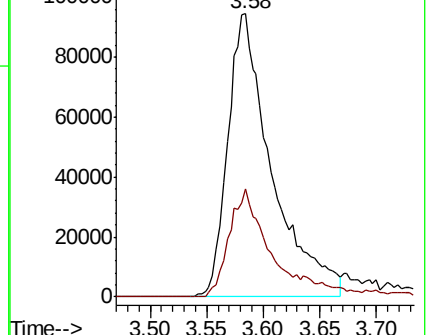
45 100

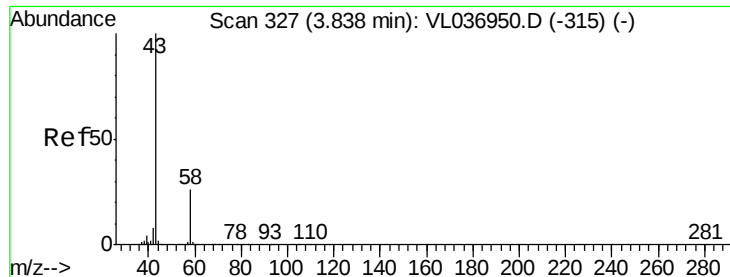
46 37.9 16.3 65.3



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 79.875 ppbv

RT: 3.82 min Scan# 320

Delta R.T. -0.02 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

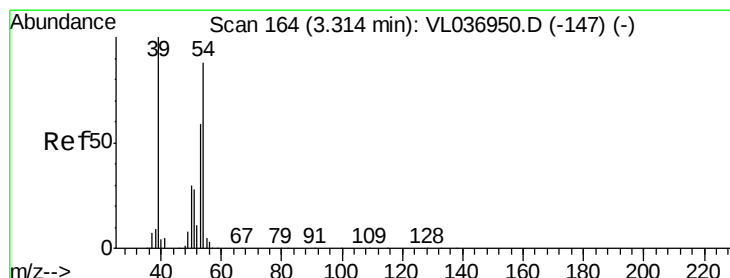
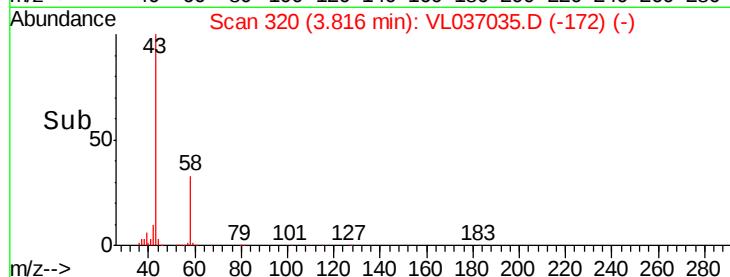
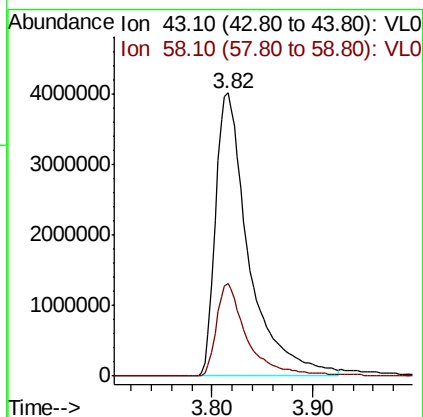
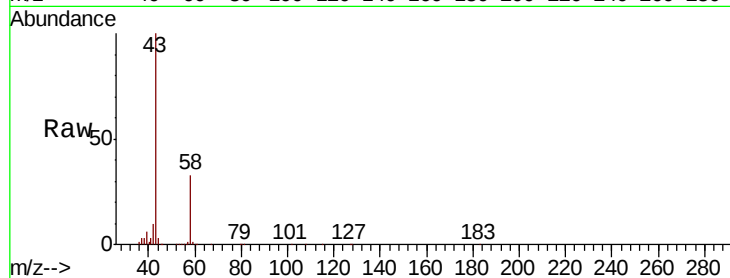
KSV-07

Tot Ion: 43 Resp: 9241507

Ion Ratio Lower Upper

43 100

58 30.7 24.0 36.0



#16

1,3-Butadiene

Concen: 2.594 ppbv

RT: 3.28 min Scan# 154

Delta R.T. -0.03 min

Lab File: VL037035.D

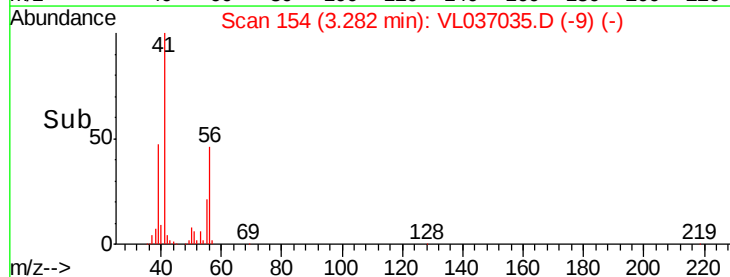
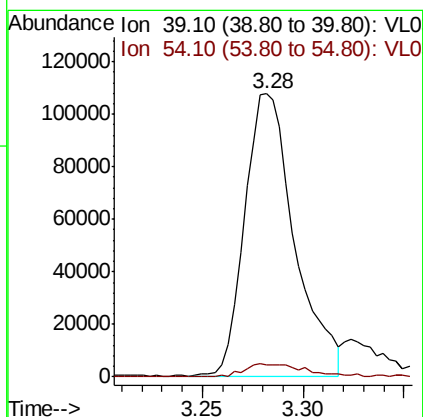
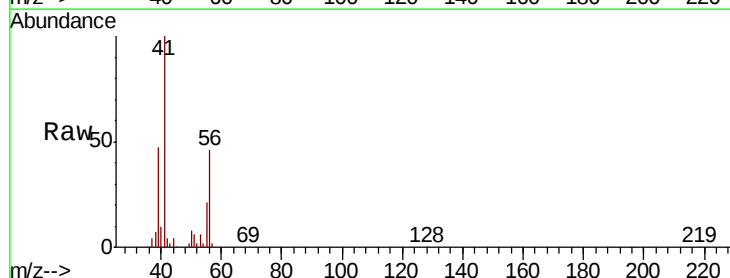
Acq: 20 May 2021 22:20

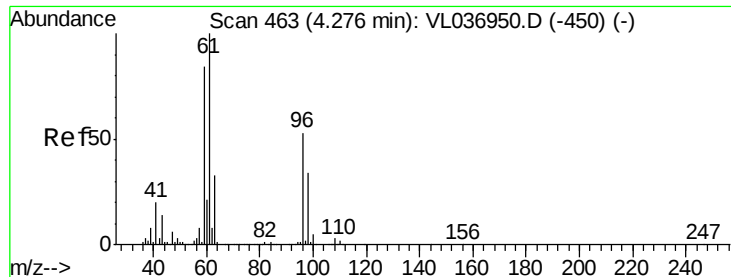
Tgt Ion: 39 Resp: 186475

Ion Ratio Lower Upper

39 100

54 6.1 63.2 94.8#





#17

tert-Butyl alcohol

Concen: 0.896 ppbv

RT: 4.28 min Scan# 463

Delta R.T. -0.00 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

Instrument :

MSVOA_L

ClientSampled :

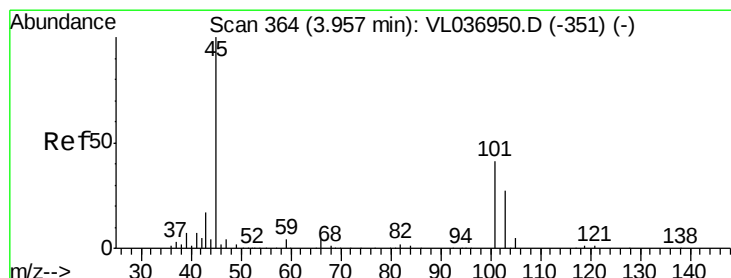
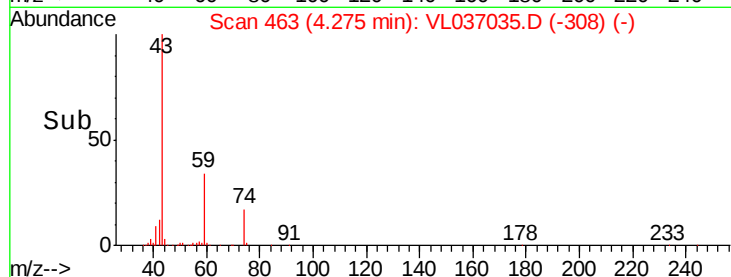
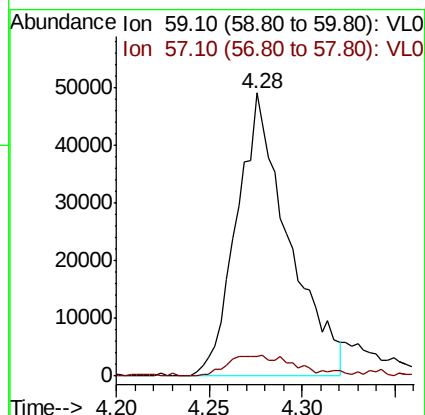
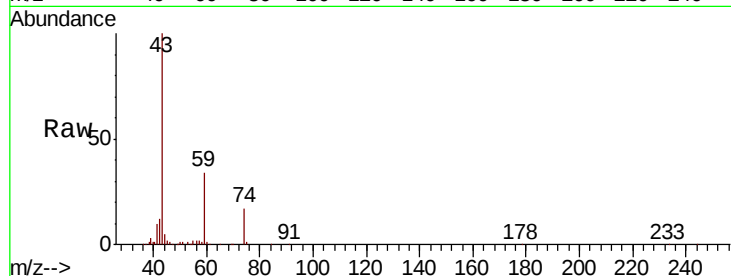
KSV-07

Tot Ion: 59 Resp: 95001

Ion Ratio Lower Upper

59 100

57 10.1 8.3 12.5



#19

Isopropyl Alcohol

Concen: 1.855 ppbv

RT: 3.95 min Scan# 361

Delta R.T. -0.01 min

Lab File: VL037035.D

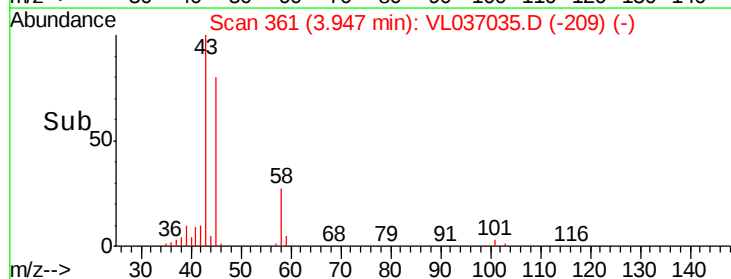
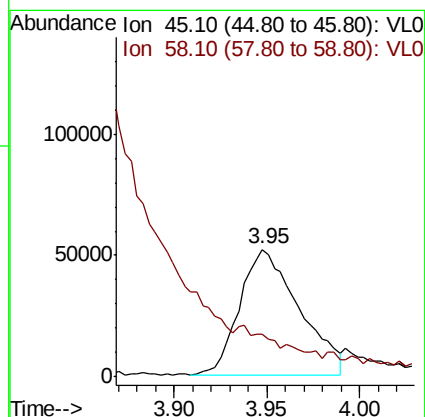
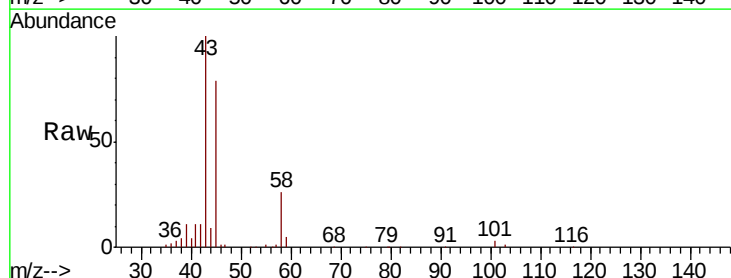
Acq: 20 May 2021 22:20

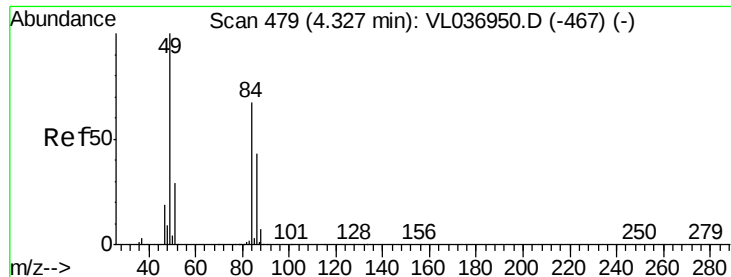
Tgt Ion: 45 Resp: 115371

Ion Ratio Lower Upper

45 100

58 0.0 37.2 55.8#

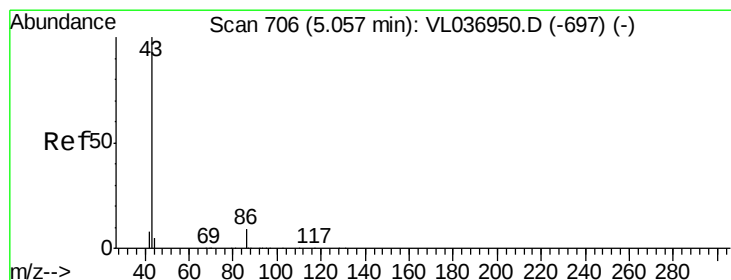
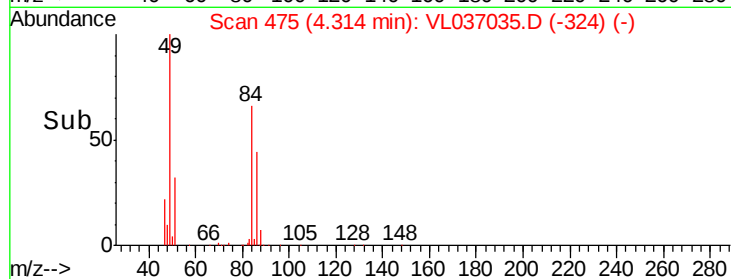
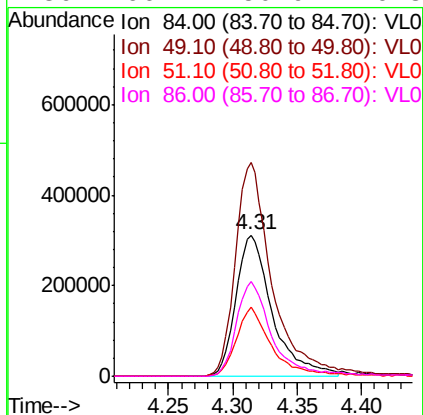
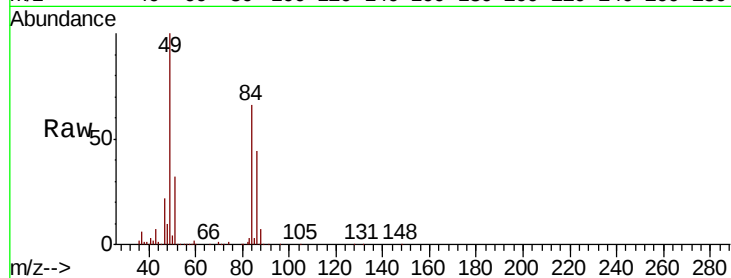




#20
Methvlene Chloride
Concen: 9.873 ppbv
RT: 4.31 min Scan# 475
Delta R.T. -0.01 min
Lab File: VL037035.D
Acq: 20 May 2021 22:20

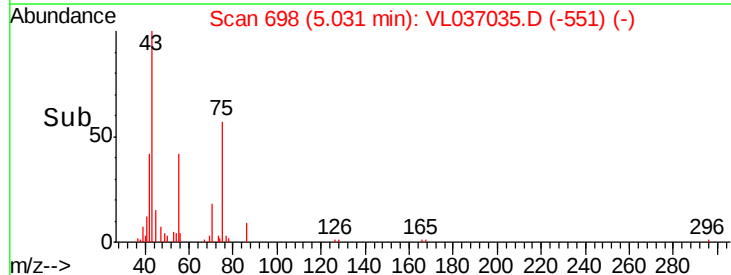
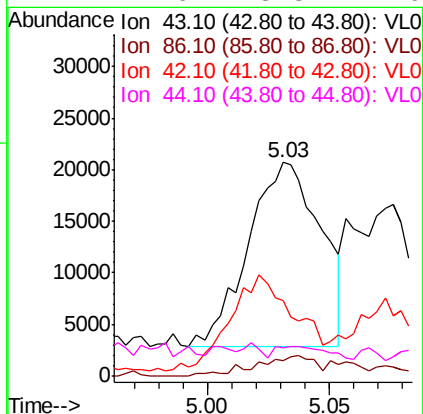
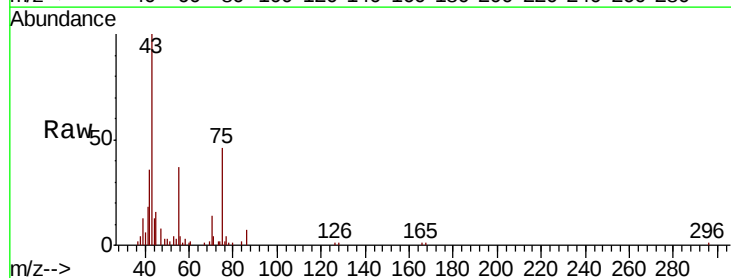
Instrument :
MSVOA_L
ClientSampleId :
KSV-07

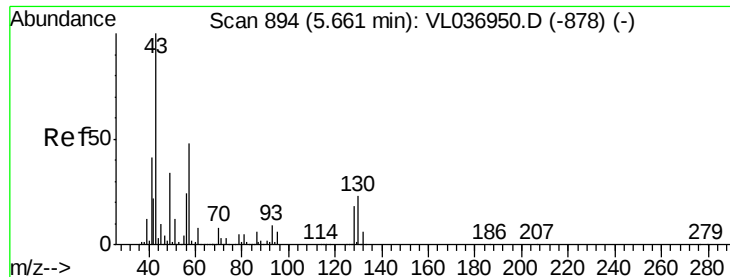
Tot Ion:	84	Resp:	612315
Ion	Ratio	Lower	Upper
84	100		
49	151.0	119.8	179.6
51	48.4	35.1	52.7
86	66.7	50.9	76.3



#23
Vinyl Acetate
Concen: 0.200 ppbv
RT: 5.03 min Scan# 698
Delta R.T. -0.03 min
Lab File: VL037035.D
Acq: 20 May 2021 22:20

Tgt Ion:	43	Resp:	36781
Ion	Ratio	Lower	Upper
43	100		
86	8.2	5.8	8.8
42	36.3	7.4	11.2#
44	2.6	3.3	4.9#

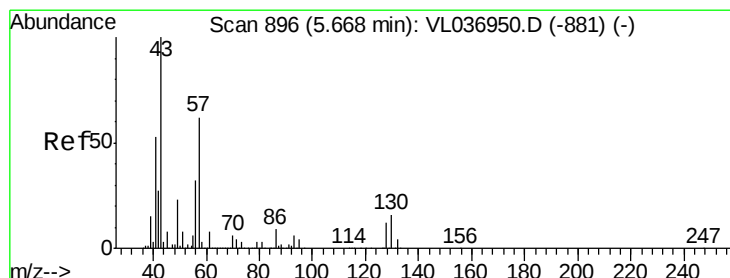
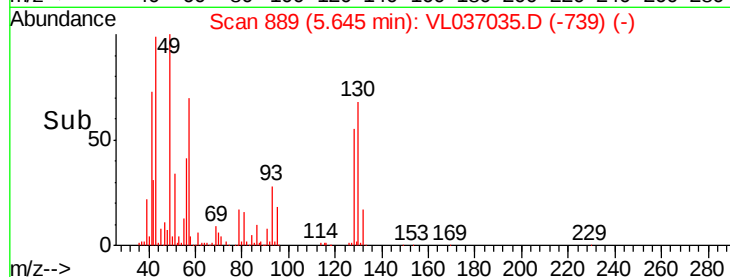
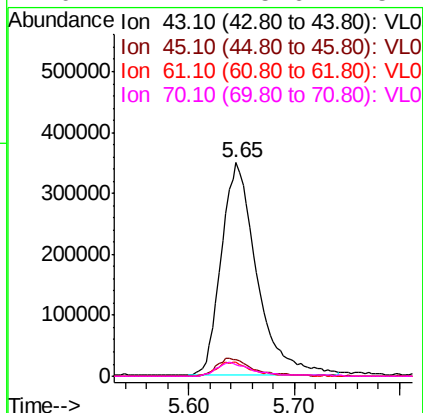
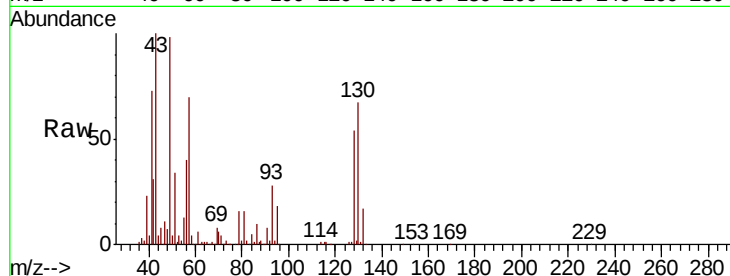




#25
Ethyl Acetate
Concen: 2.917 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.02 min
Lab File: VL037035.D
Acq: 20 May 2021 22:20

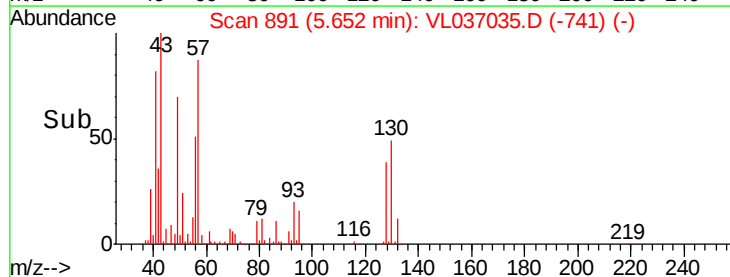
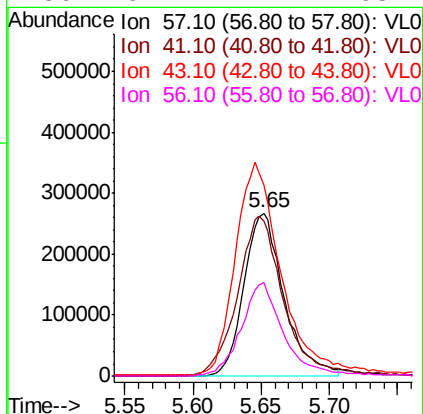
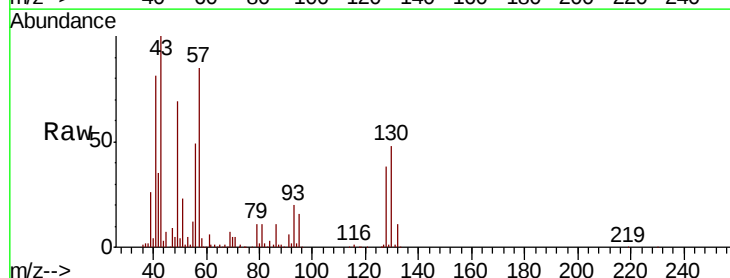
Instrument :
MSVOA_L
ClientSampled :
KSV-07

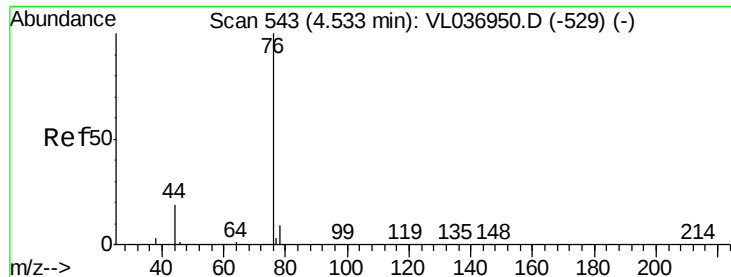
Tot Ion:	43	Resp:	810916
Ion	Ratio	Lower	Upper
43	100		
45	8.5	7.8	11.8
61	7.0	7.8	11.8#
70	7.2	5.6	8.4



#26
Hexane
Concen: 3.844 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.02 min
Lab File: VL037035.D
Acq: 20 May 2021 22:20

Tgt Ion:	57	Resp:	546030
Ion	Ratio	Lower	Upper
57	100		
41	112.9	70.5	105.7#
43	152.4	165.8	248.8#
56	61.1	42.2	63.4





#27

Carbon Disulfide

Concen: 0.036 ppbv

RT: 4.52 min Scan# 540

Delta R.T. -0.01 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

KSV-07

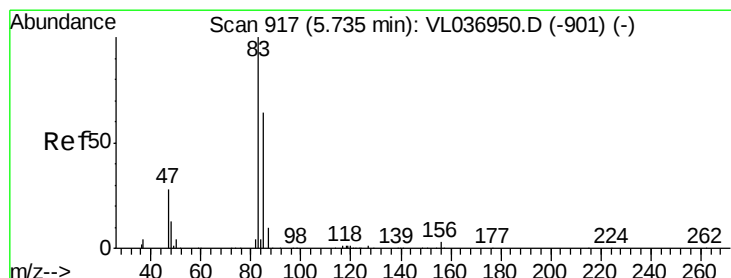
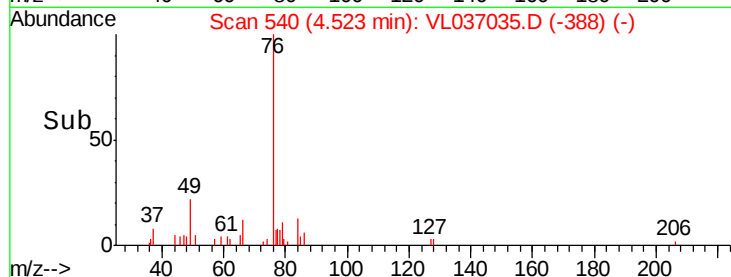
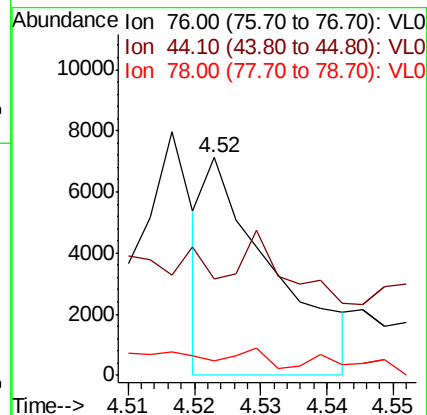
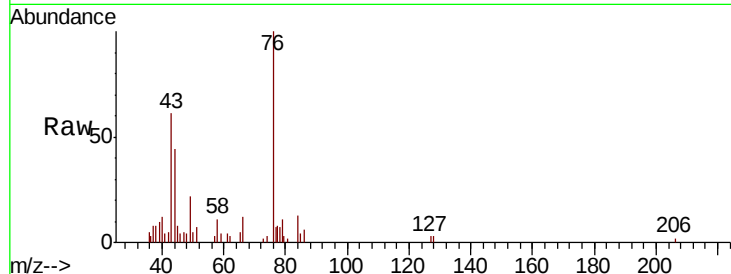
Tot Ion: 76 Resp: 5087

Ion Ratio Lower Upper

76 100

44 97.6 15.5 23.3#

78 34.7 7.8 11.6#



#29

Chloroform

Concen: 1.002 ppbv

RT: 5.72 min Scan# 912

Delta R.T. -0.02 min

Lab File: VL037035.D

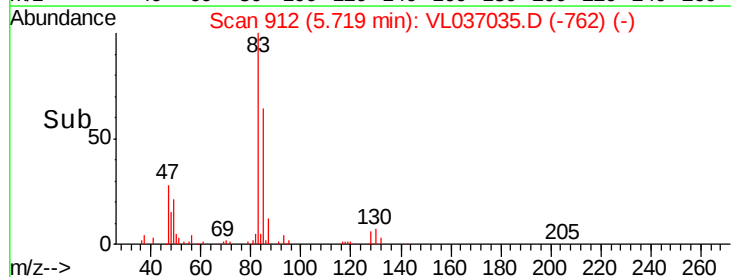
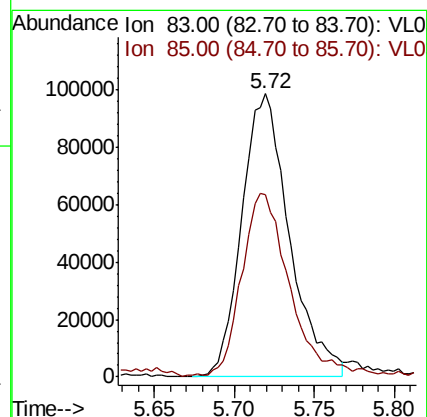
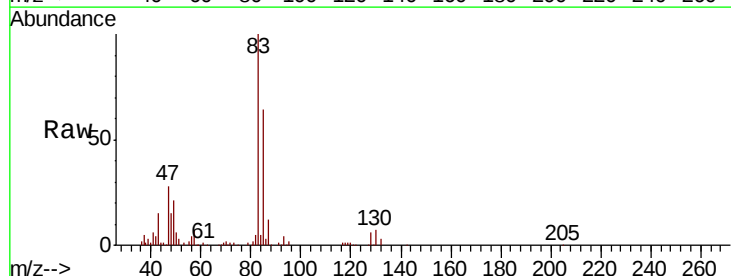
Acq: 20 May 2021 22:20

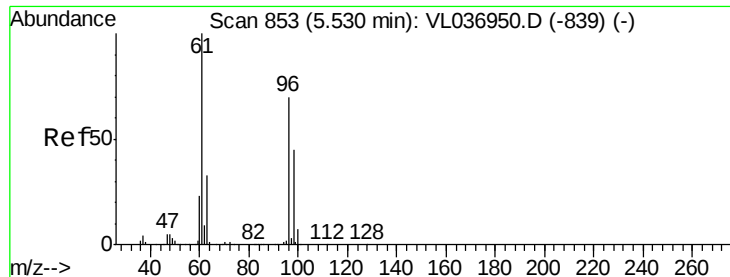
Tgt Ion: 83 Resp: 201097

Ion Ratio Lower Upper

83 100

85 63.6 51.1 76.7



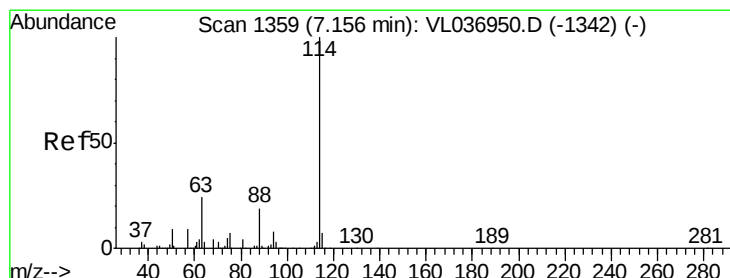
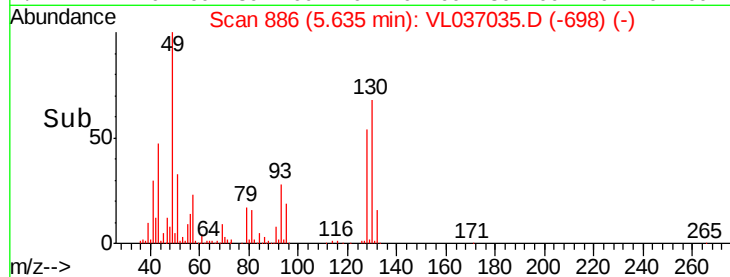
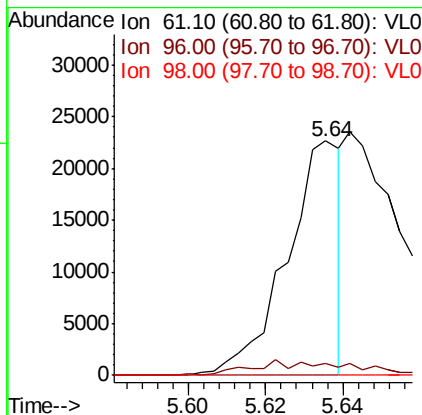
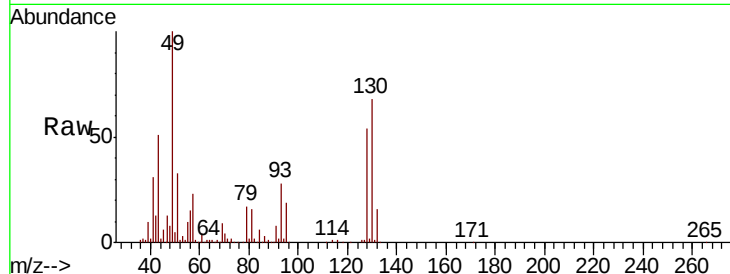


#31

cis-1,2-Dichloroethene
 Concen: 0.173 ppbv
 RT: 5.64 min Scan# 886
 Delta R.T. 0.11 min
 Lab File: VL037035.D
 Acq: 20 May 2021 22:20

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-07

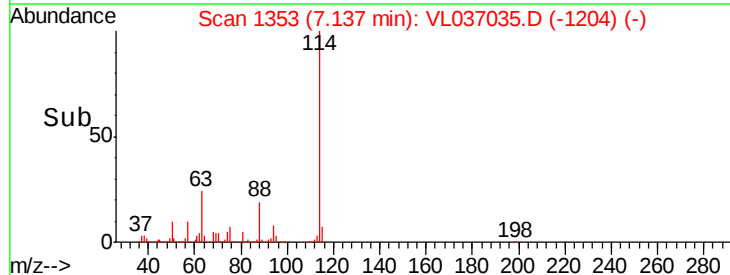
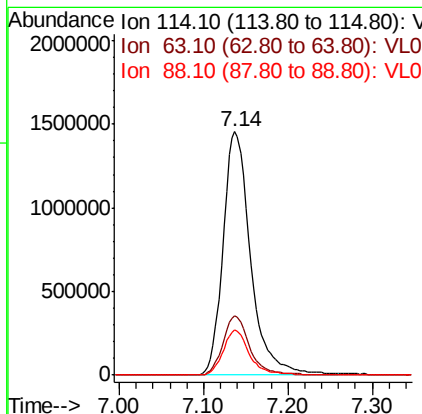
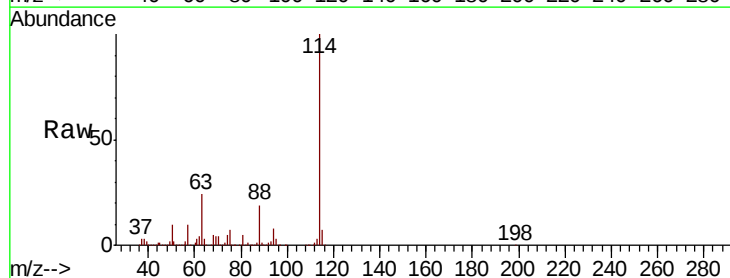
Tot Ion: 61 Resp: 21998
 Ion Ratio Lower Upper
 61 100
 96 4.4 55.9 83.9#
 98 0.0 35.6 53.4#

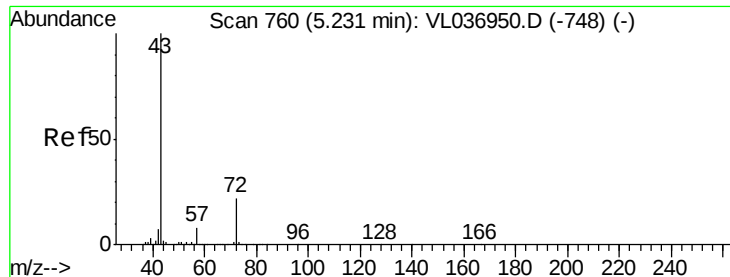


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: VL037035.D
 Acq: 20 May 2021 22:20

Tgt Ion: 114 Resp: 3306035
 Ion Ratio Lower Upper
 114 100
 63 24.0 19.6 29.4
 88 17.9 14.6 21.8





#34

2-Butanone

Concen: 5.303 ppbv

RT: 5.21 min Scan# 754

Delta R.T. -0.02 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

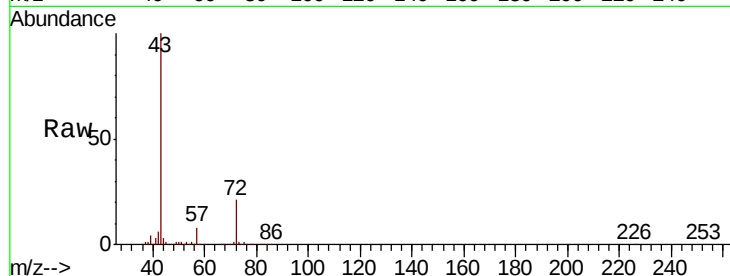
KSV-07

Tot Ion: 43 Resp: 638427

Ion Ratio Lower Upper

43 100

72 24.5 19.0 28.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

5.21

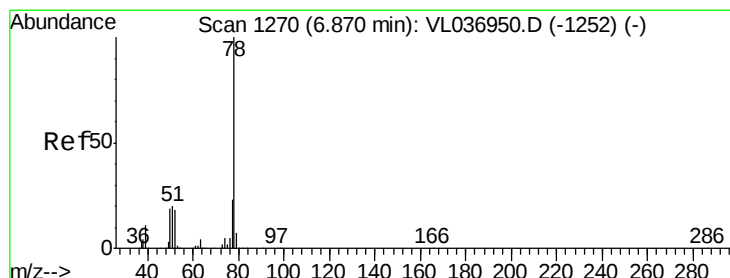
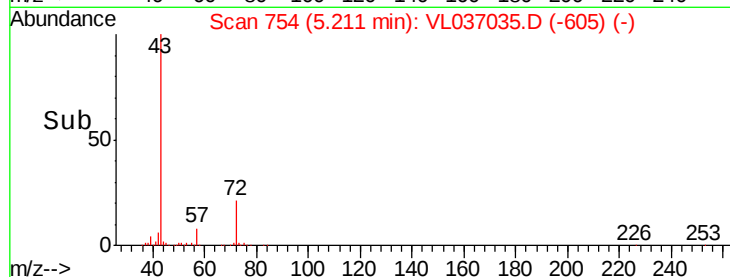
300000

200000

100000

0

Time-->



#36

Benzene

Concen: 0.113 ppbv

RT: 6.85 min Scan# 1264

Delta R.T. -0.02 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

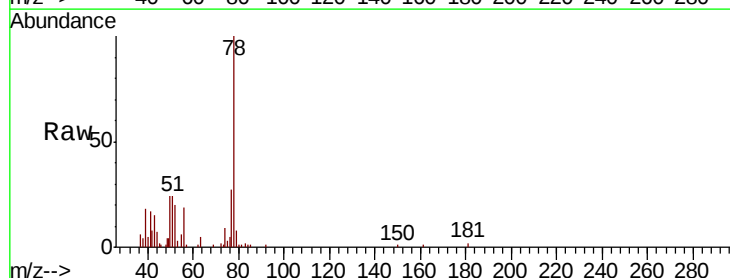
Tgt Ion: 78 Resp: 32133

Ion Ratio Lower Upper

78 100

77 26.8 18.6 28.0

50 22.0 15.0 22.4



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

6.85

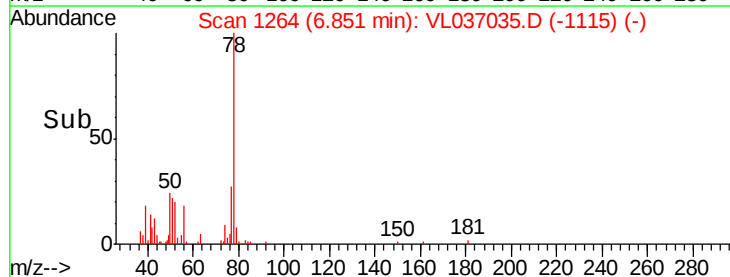
30000

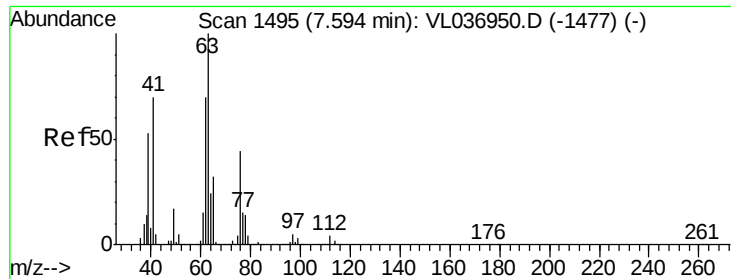
20000

10000

0

Time-->





#39

1,2-Dichloropropane

Concen: 7.077 ppbv

RT: 7.14 min Scan# 1353

Delta R.T. -0.46 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

KSV-07

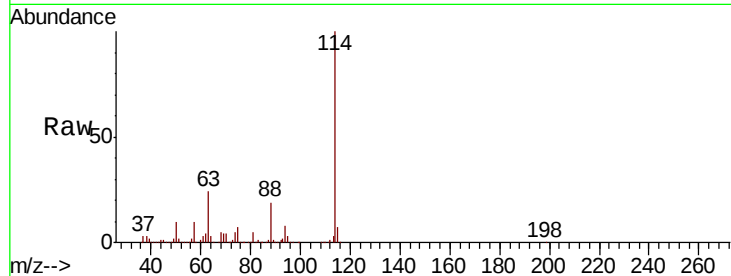
Tot Ion: 63 Resp: 776385

Ion Ratio Lower Upper

63 100

41 0.0 55.7 83.5#

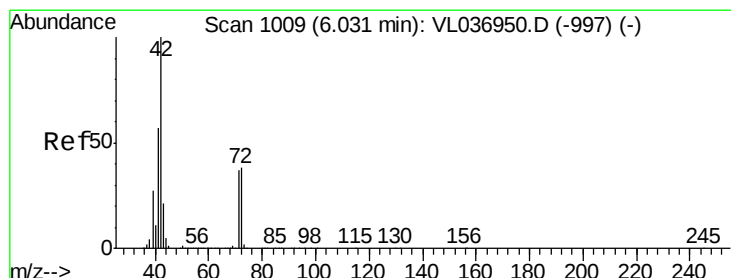
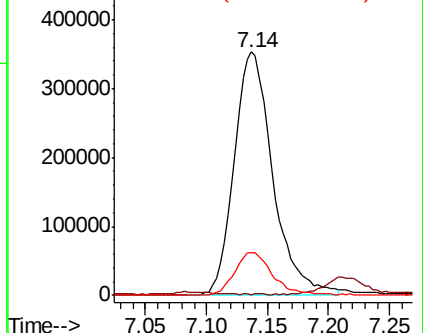
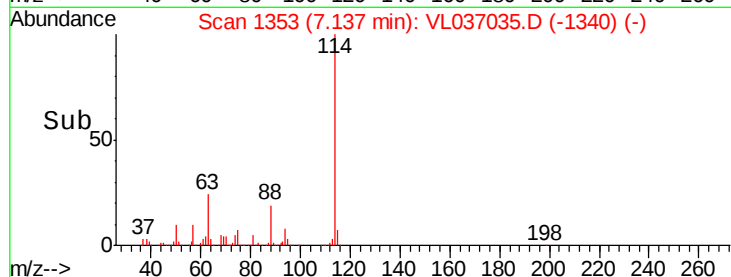
62 17.7 56.2 84.4#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#41

Tetrahydrofuran

Concen: 0.048 ppbv

RT: 6.02 min Scan# 1006

Delta R.T. -0.01 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

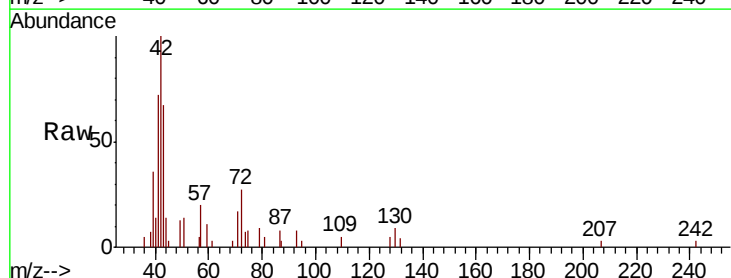
Tgt Ion: 42 Resp: 3283

Ion Ratio Lower Upper

42 100

72 149.8 31.4 47.2#

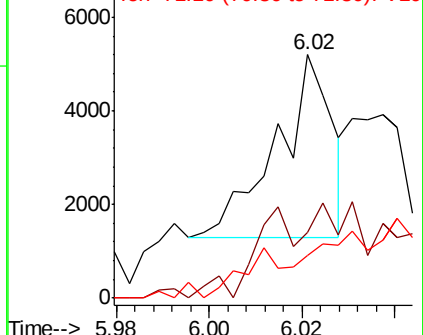
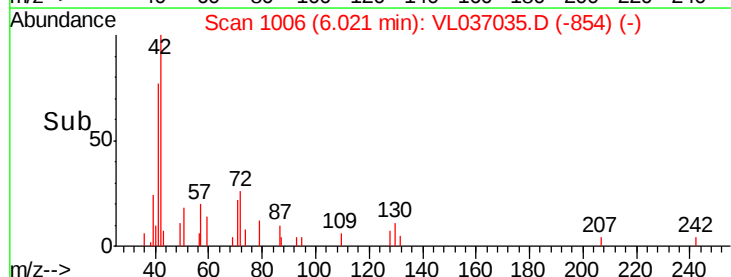
71 114.3 30.4 45.6#

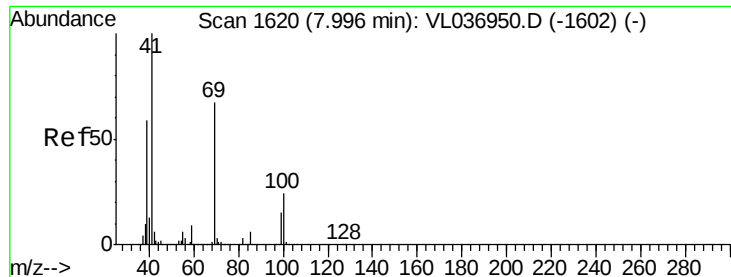


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0

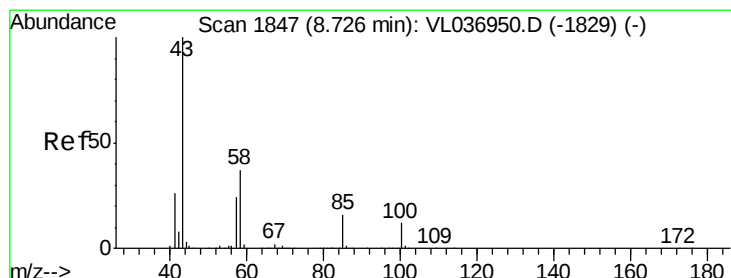
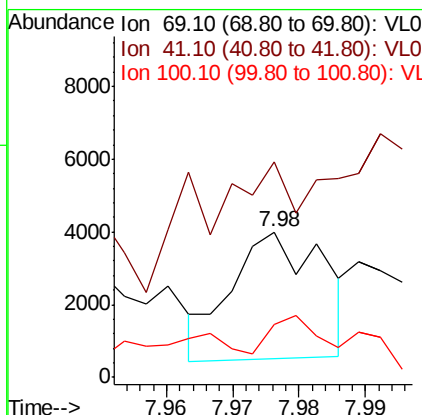
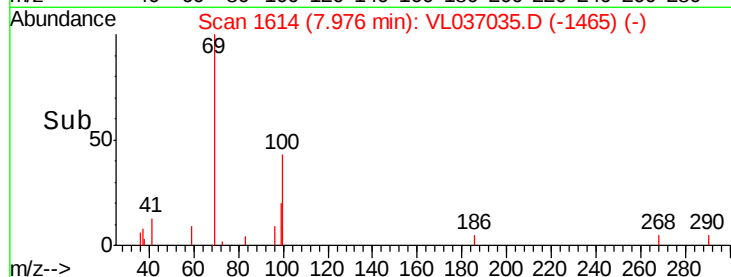
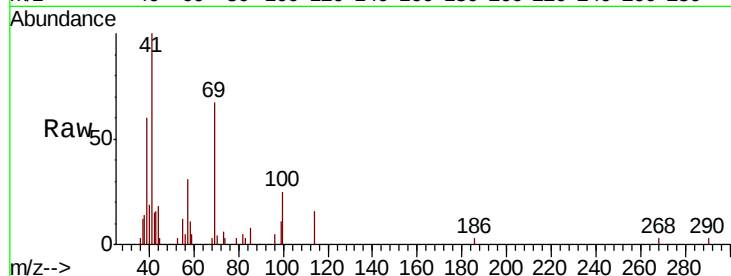




#43
Methyl Methacrylate
Concen: 0.034 ppbv
RT: 7.98 min Scan# 1614
Delta R.T. -0.02 min
Lab File: VL037035.D
Acq: 20 May 2021 22:20

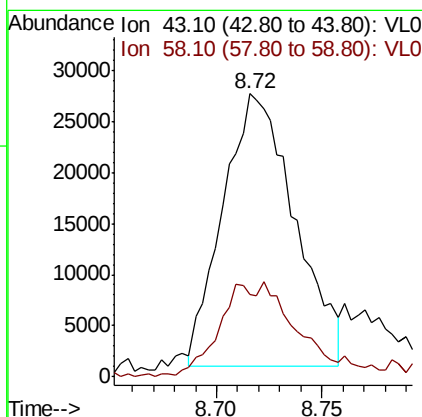
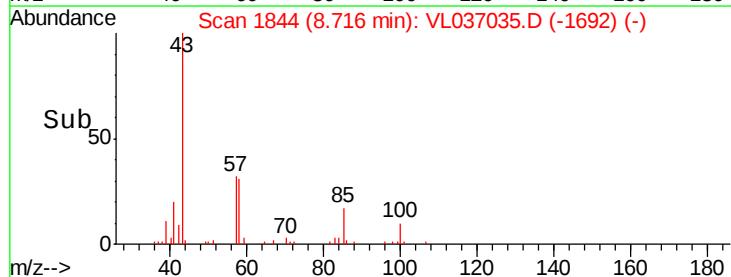
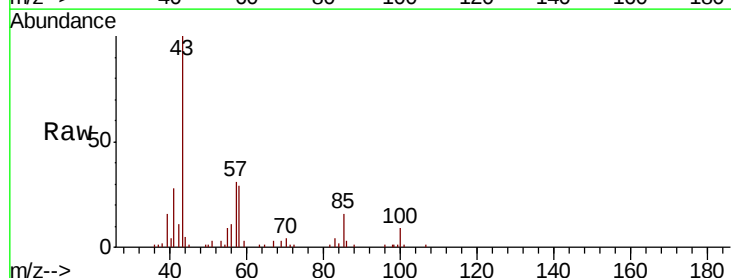
Instrument :
MSVOA_L
ClientSampleID :
KSV-07

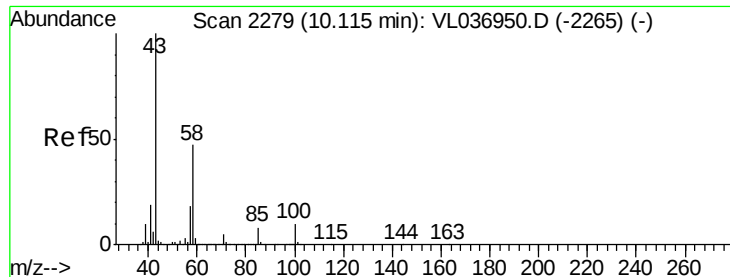
Tot Ion: 69 Resp: 3364
Ion Ratio Lower Upper
69 100
41 0.0 118.6 178.0#
100 106.3 28.2 42.4#



#50
4-Methyl-2-Pentanone
Concen: 0.319 ppbv
RT: 8.72 min Scan# 1844
Delta R.T. -0.01 min
Lab File: VL037035.D
Acq: 20 May 2021 22:20

Tgt Ion: 43 Resp: 63297
Ion Ratio Lower Upper
43 100
58 38.0 29.4 44.2





#51

2-Hexanone

Concen: 0.487 ppbv

RT: 10.10 min Scan# 2275

Delta R.T. -0.01 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

Instrument :

MSVOA_L

ClientSampled :

KSV-07

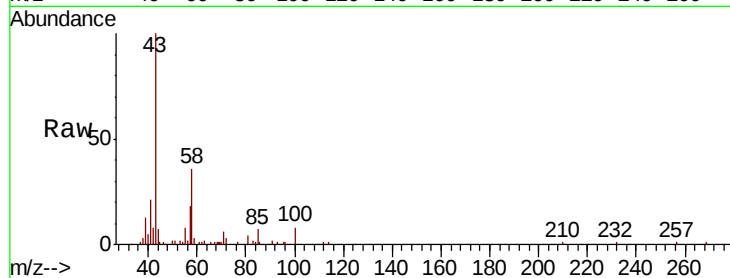
Tot Ion: 43 Resp: 51116

Ion Ratio Lower Upper

43 100

58 67.0 41.1 61.7#

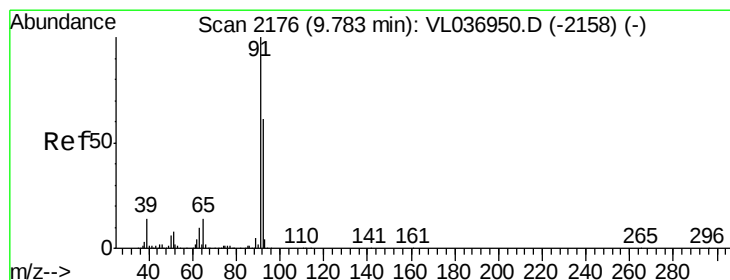
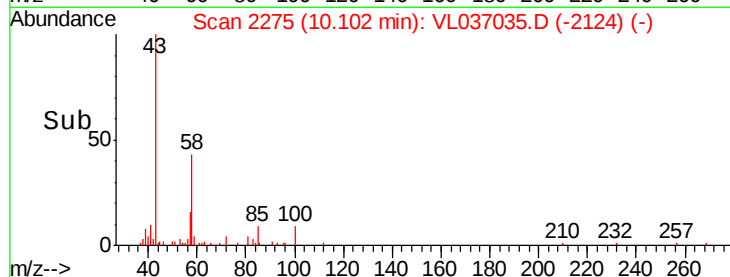
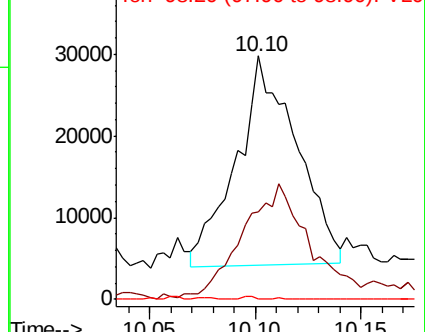
98 0.3 0.1 0.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#53

Toluene

Concen: 2.762 ppbv

RT: 9.76 min Scan# 2170

Delta R.T. -0.02 min

Lab File: VL037035.D

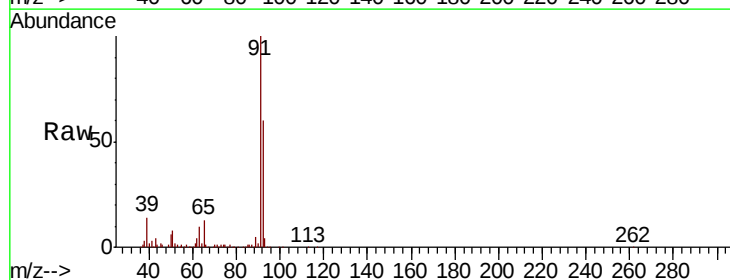
Acq: 20 May 2021 22:20

Tgt Ion: 91 Resp: 935909

Ion Ratio Lower Upper

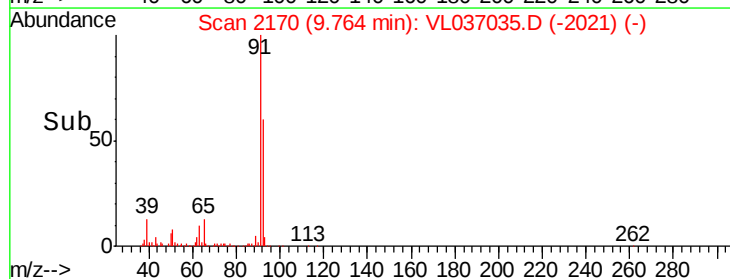
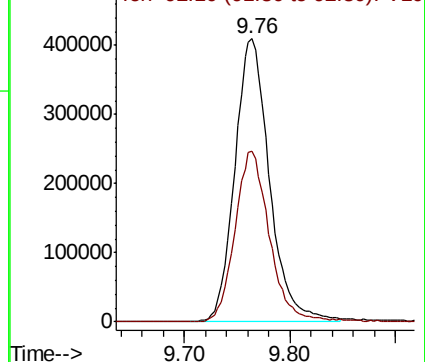
91 100

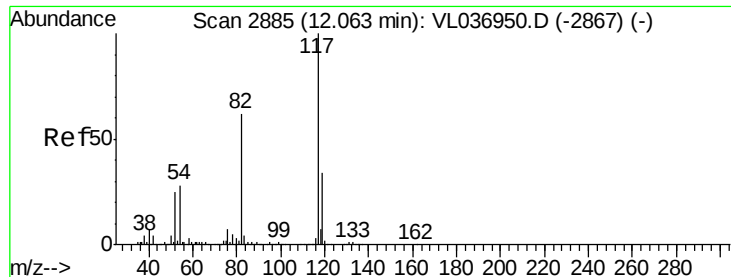
92 60.5 49.5 74.3



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

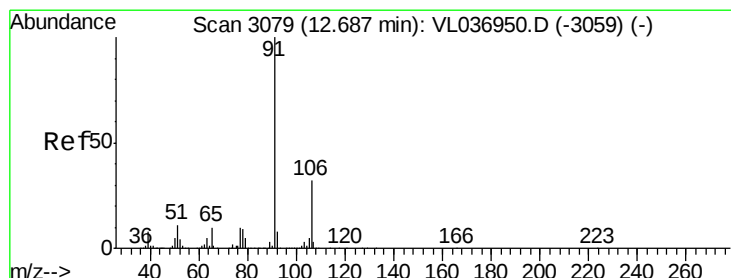
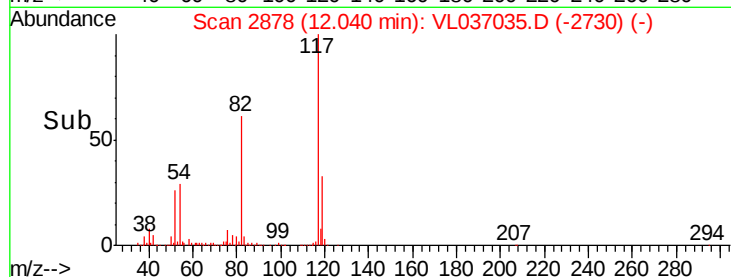
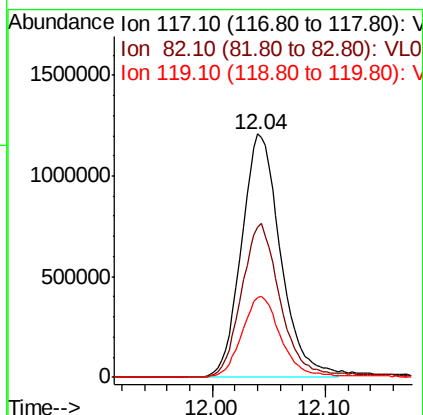
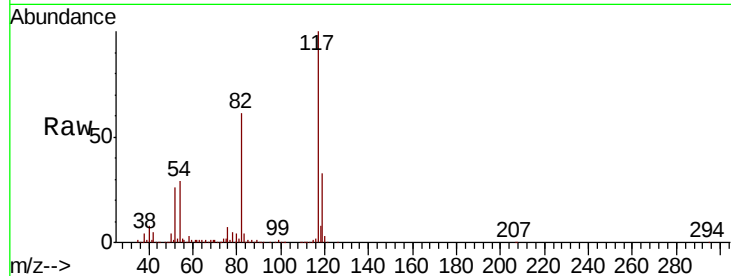




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04 min Scan# 2878
Delta R.T. -0.02 min
Lab File: VL037035.D
Acq: 20 May 2021 22:20

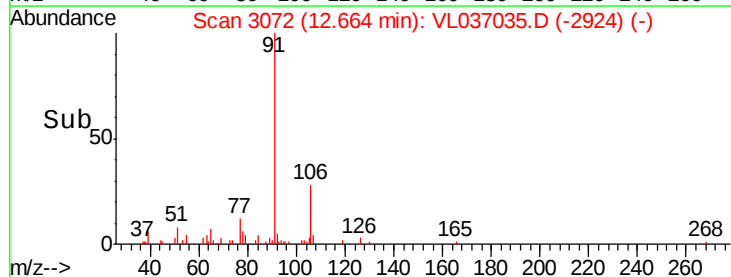
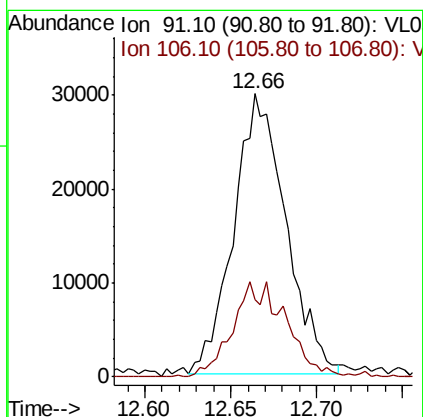
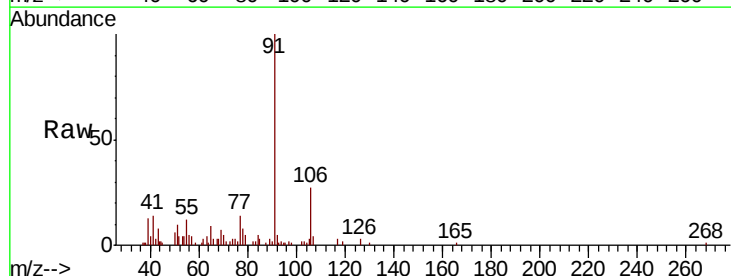
Instrument :
MSVOA_L
ClientSampleId :
KSV-07

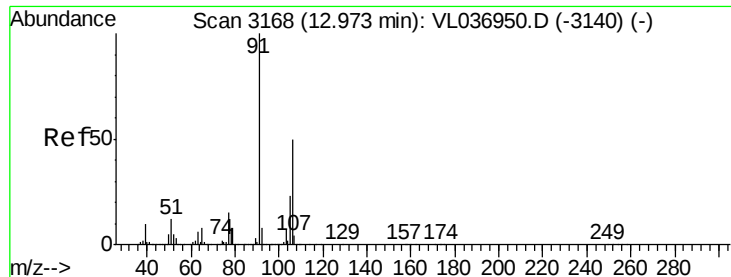
Tot Ion:117 Resp: 2904391
Ion Ratio Lower Upper
117 100
82 65.0 52.6 79.0
119 33.8 46.6 70.0#



#58
Ethyl Benzene
Concen: 0.154 ppbv
RT: 12.66 min Scan# 3072
Delta R.T. -0.02 min
Lab File: VL037035.D
Acq: 20 May 2021 22:20

Tgt Ion: 91 Resp: 63024
Ion Ratio Lower Upper
91 100
106 27.7 25.6 38.4





#59

m/p-Xylene

Concen: 0.276 ppbv

RT: 12.93 min Scan# 3154

Delta R.T. -0.05 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

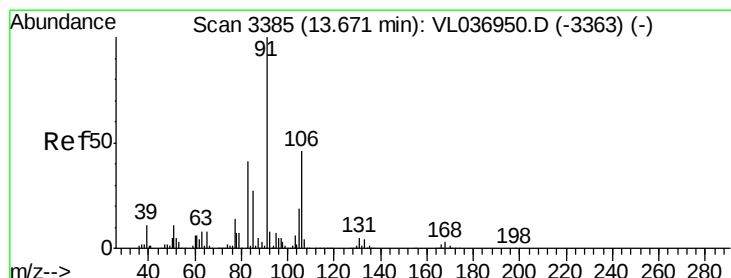
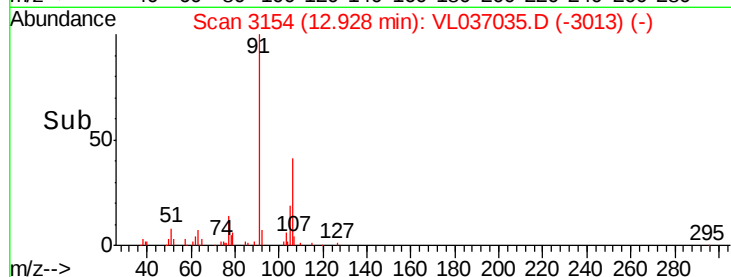
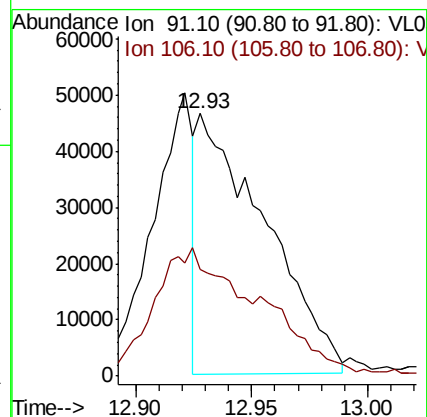
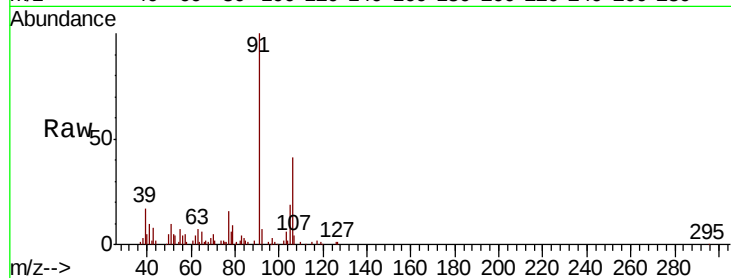
KSV-07

Tot Ion: 91 Resp: 93535

Ion Ratio Lower Upper

91 100

106 79.1 37.4 56.2#



#60

o-Xylene

Concen: 0.123 ppbv

RT: 13.65 min Scan# 3378

Delta R.T. -0.02 min

Lab File: VL037035.D

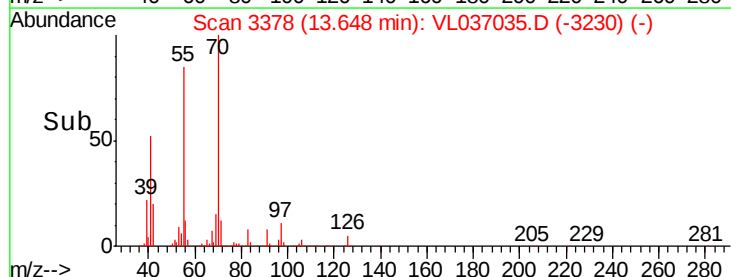
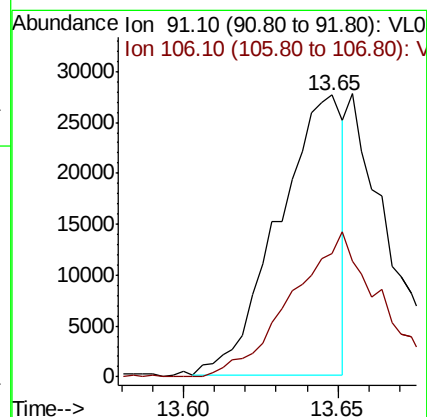
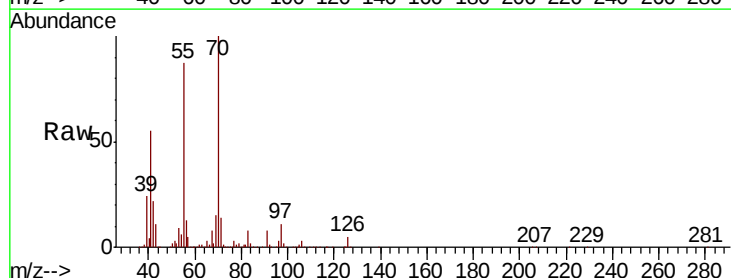
Acq: 20 May 2021 22:20

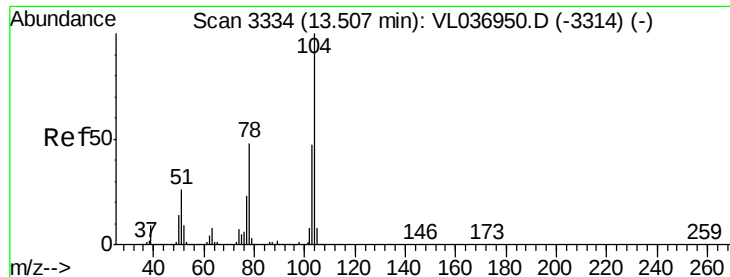
Tgt Ion: 91 Resp: 39652

Ion Ratio Lower Upper

91 100

106 0.0 23.4 70.3#





#61

Stvrene

Concen: 0.235 ppbv

RT: 13.49 min Scan# 3328

Delta R.T. -0.02 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

Instrument :

MSVOA_L

ClientSampleId :

KSV-07

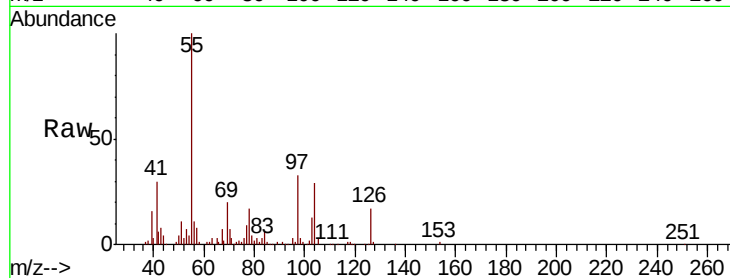
Tot Ion:104 Resp: 42847

Ion Ratio Lower Upper

104 100

78 57.5 39.0 58.6

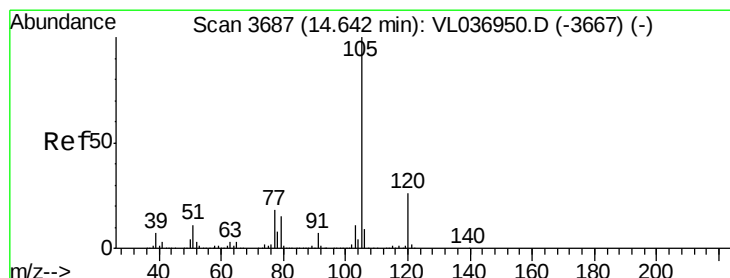
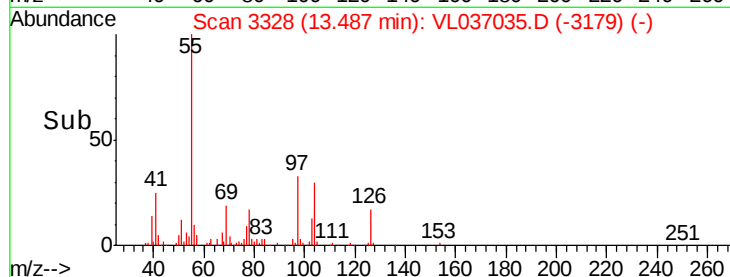
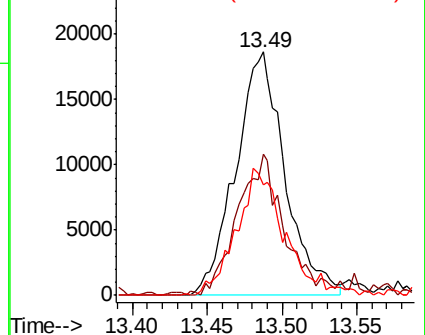
103 51.1 38.0 57.0



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.056 ppbv

RT: 14.63 min Scan# 3682

Delta R.T. -0.02 min

Lab File: VL037035.D

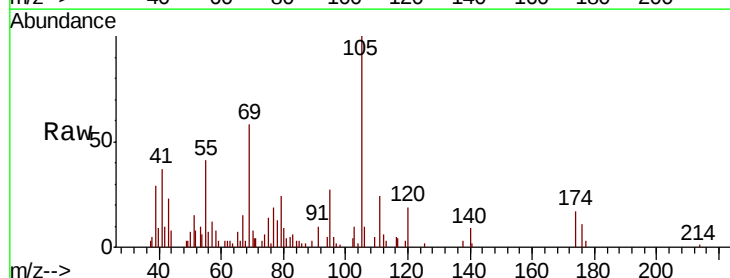
Acq: 20 May 2021 22:20

Tgt Ion:105 Resp: 26161

Ion Ratio Lower Upper

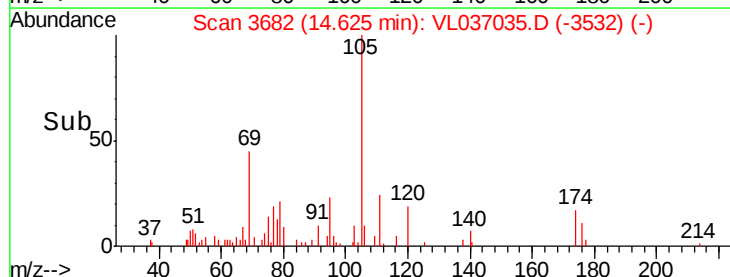
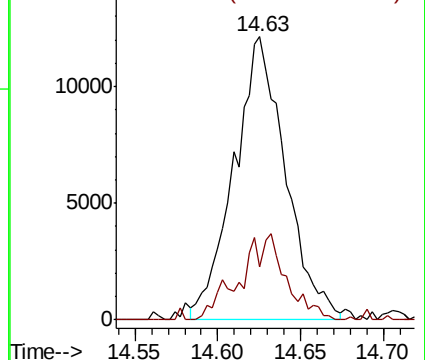
105 100

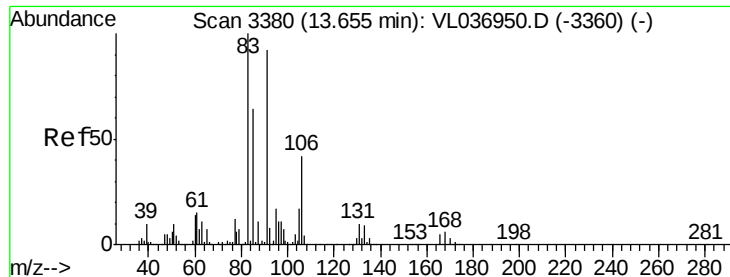
120 28.0 21.7 32.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

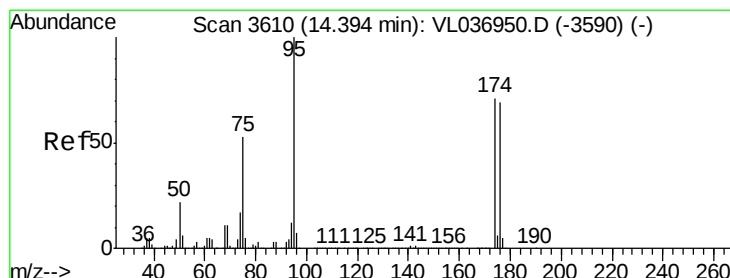
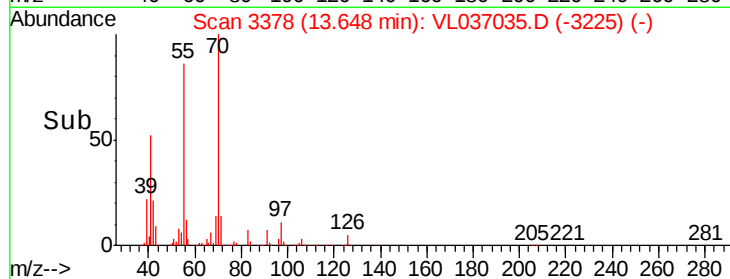
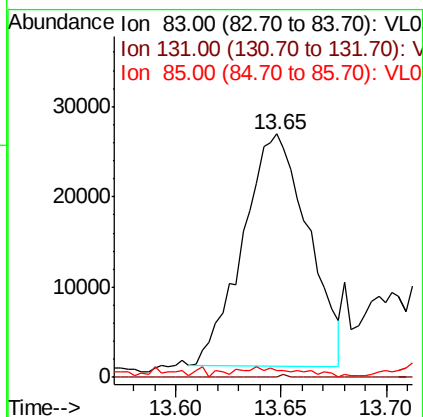
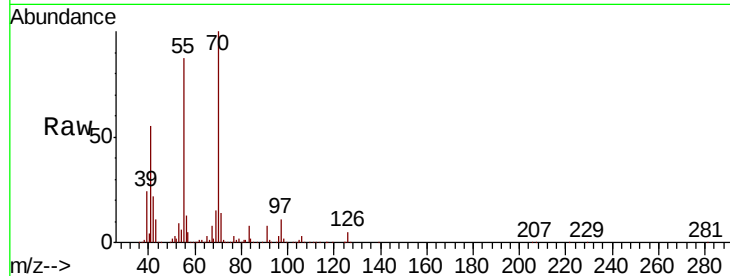




#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.229 ppbv
 RT: 13.65 min Scan# 3378
 Delta R.T. -0.01 min
 Lab File: VL037035.D
 Acq: 20 May 2021 22:20

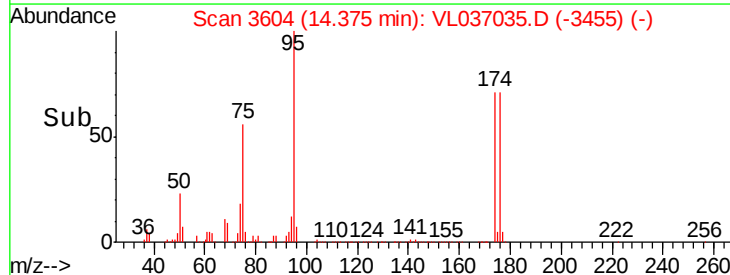
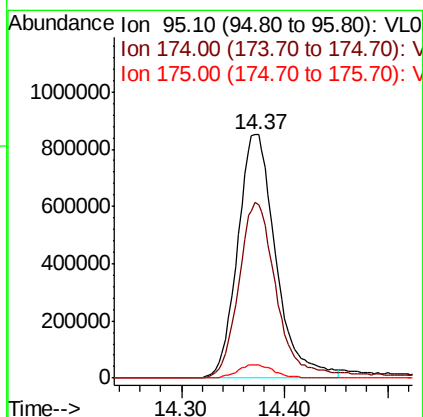
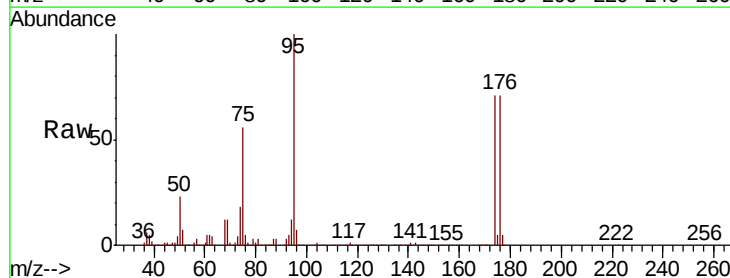
Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-07

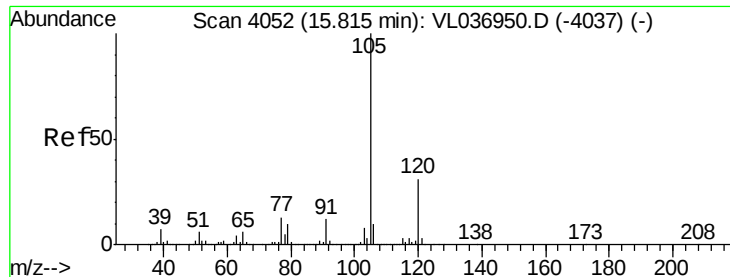
Tot Ion: 83 Resp: 55247
 Ion Ratio Lower Upper
 83 100
 131 0.1 5.0 15.0#
 85 1.7 32.9 98.6#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.998 ppbv
 RT: 14.37 min Scan# 3604
 Delta R.T. -0.02 min
 Lab File: VL037035.D
 Acq: 20 May 2021 22:20

Tgt Ion: 95 Resp: 2181420
 Ion Ratio Lower Upper
 95 100
 174 74.9 58.4 87.6
 175 5.5 4.4 6.6





#72

4-Ethyltoluene

Concen: 0.085 ppbv

RT: 15.80 min Scan# 4046

Delta R.T. -0.02 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

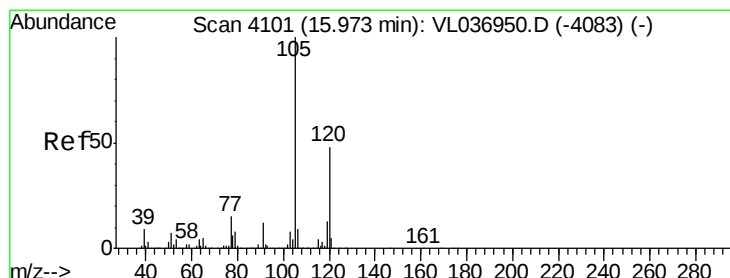
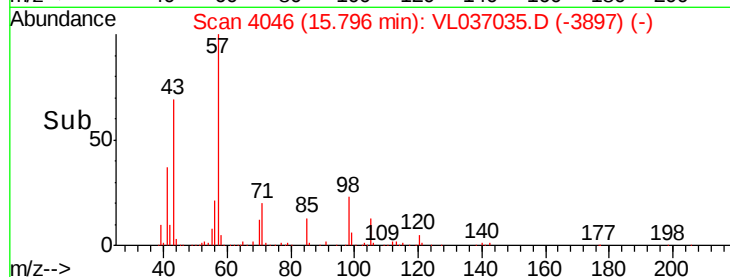
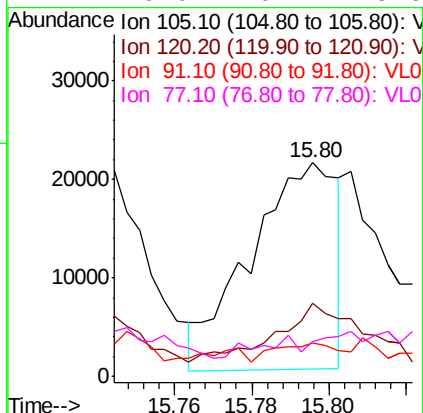
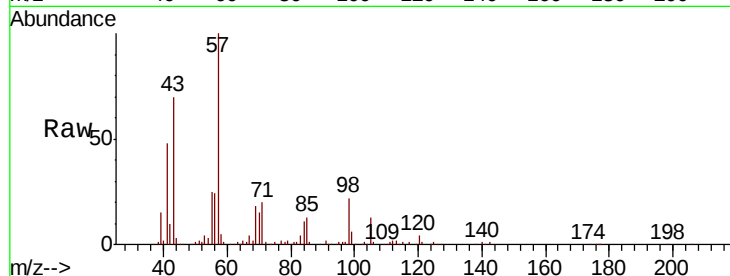
Instrument :

MSVOA_L

ClientSampleId :

KSV-07

Tot Ion:	105	Resp:	32767
Ion	Ratio	Lower	Upper
105	100		
120	45.3	24.6	37.0#
91	0.0	9.8	14.6#
77	0.0	10.4	15.6#



#73

1,3,5-Trimethylbenzene

Concen: 0.098 ppbv

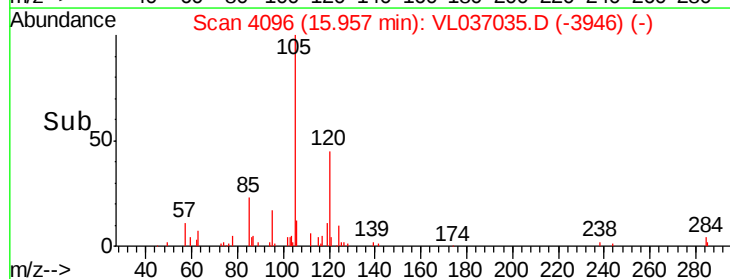
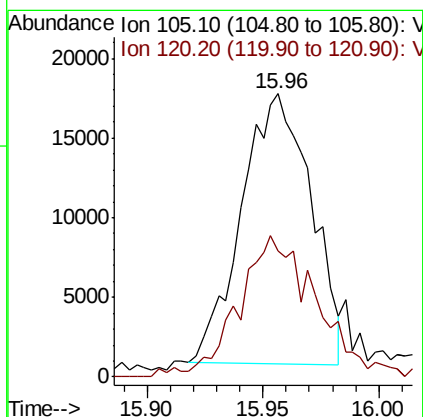
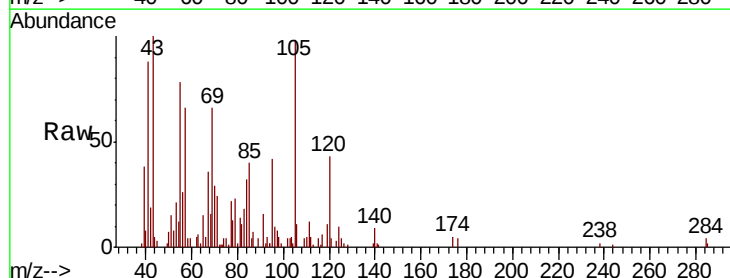
RT: 15.96 min Scan# 4096

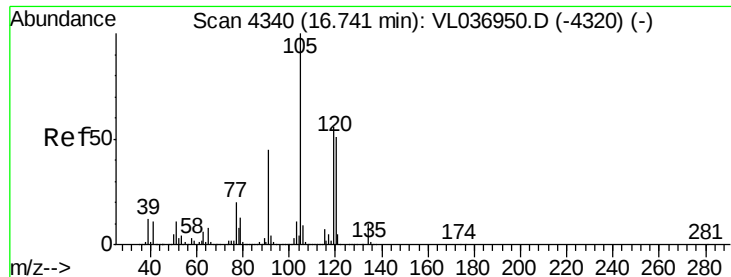
Delta R.T. -0.02 min

Lab File: VL037035.D

Acq: 20 May 2021 22:20

Tgt Ion:	105	Resp:	35343
Ion	Ratio	Lower	Upper
105	100		
120	44.9	38.6	58.0





#74
 1,2,4-Trimethylbenzene
 Concen: 0.224 ppbv
 RT: 16.72 min Scan# 4333
 Delta R.T. -0.02 min
 Lab File: VL037035.D
 Acq: 20 May 2021 22:20

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-07

Tot Ion:	105	Resp:	83353
Ion	Ratio	Lower	Upper
105	100		
120	42.0	40.6	61.0
91	7.4	37.4	56.0#
77	2.3	16.2	24.4#

