

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051921\
 Data File : VL037016.D
 Acq On : 20 May 2021 6:52
 Operator : SY/AP
 Sample : M2424-12DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-10DL

Quant Time: May 20 08:49:58 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	5.64	49	949490	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	2863248	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	2589564	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1978701	10.17	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

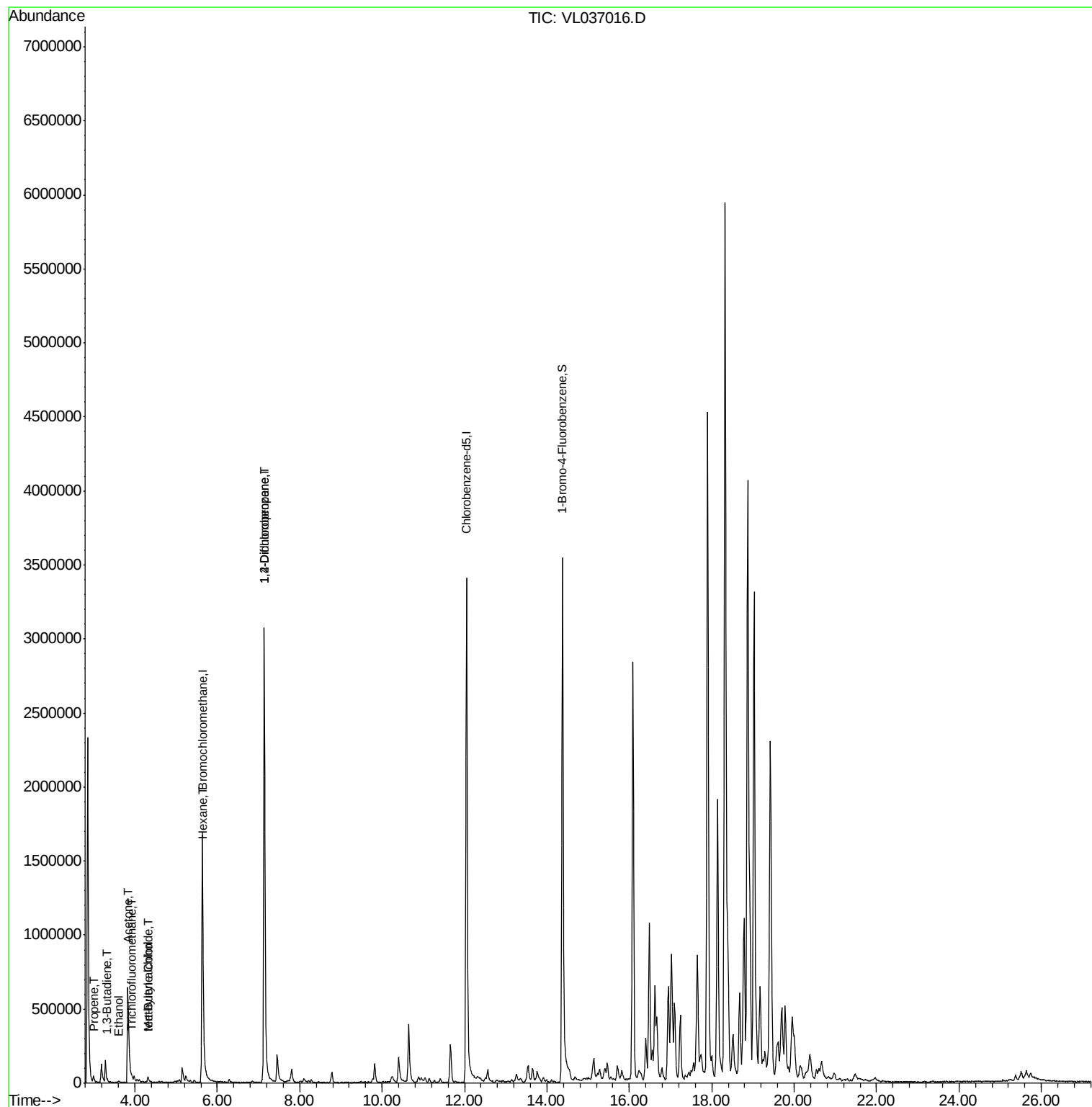
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	2.99	41	10183	0.163	ppbv #	14
11) Trichlorofluoromethane	3.93	101	6232	0.042	ppbv	89
13) Ethanol	3.59	45	3105	0.374	ppbv #	35
15) Acetone	3.83	43	1084614	11.152	ppbv	99
16) 1,3-Butadiene	3.33	39	3492	0.058	ppbv #	10
17) tert-Butyl alcohol	4.31	59	4162	0.047	ppbv #	72
20) Methylene Chloride	4.32	84	9661	0.185	ppbv #	80
26) Hexane	5.65	57	10191	0.085	ppbv #	1
39) 1,2-Dichloropropane	7.14	63	679028	7.147	ppbv #	25

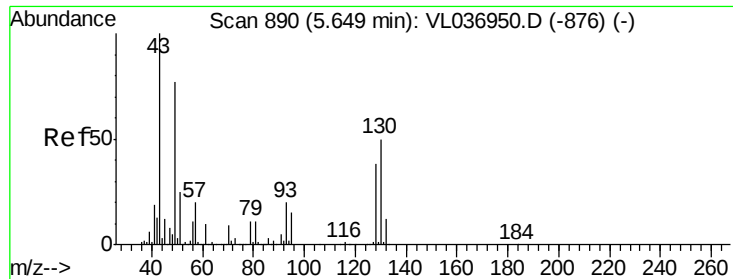
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL051921\
Data File : VL037016.D
Acq On : 20 May 2021 6:52
Operator : SY/AP
Sample : M2424-12DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
KSV-10DL

Quant Time: May 20 08:49:58 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

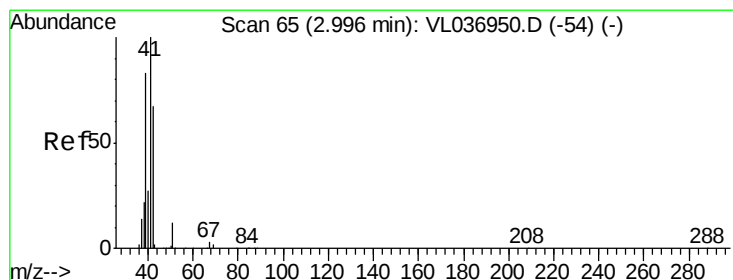
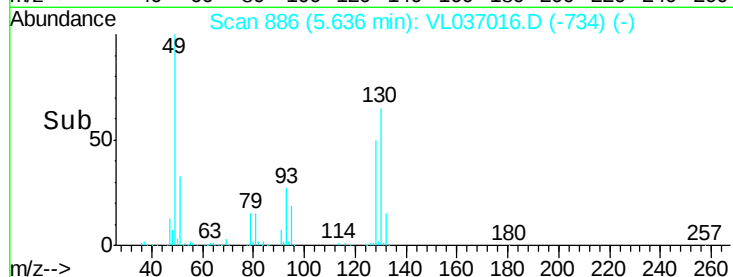
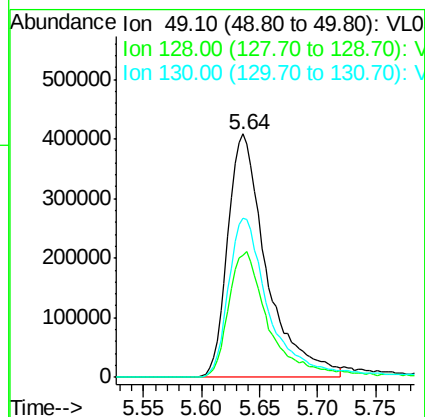
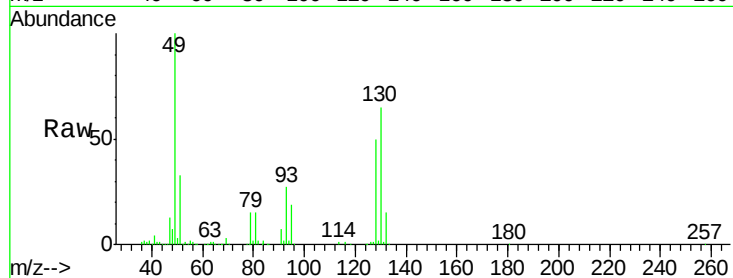




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: VL037016.D
 Acq: 20 May 2021 6:52

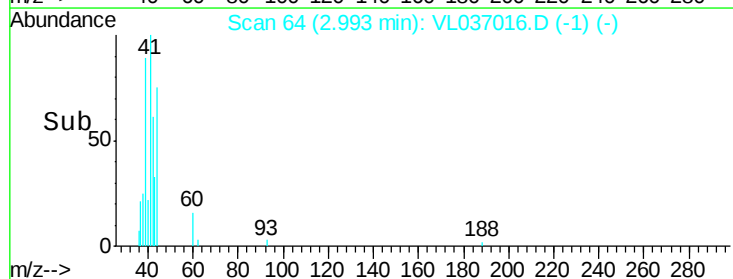
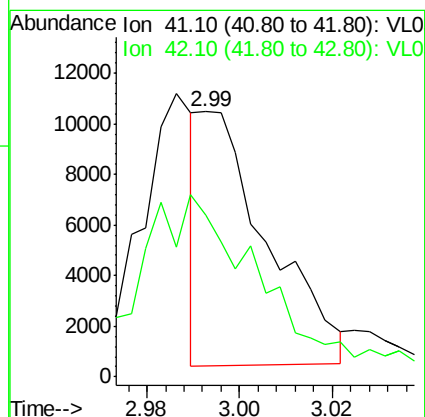
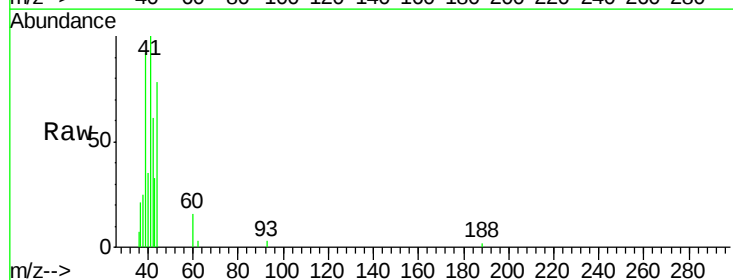
Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-10DL

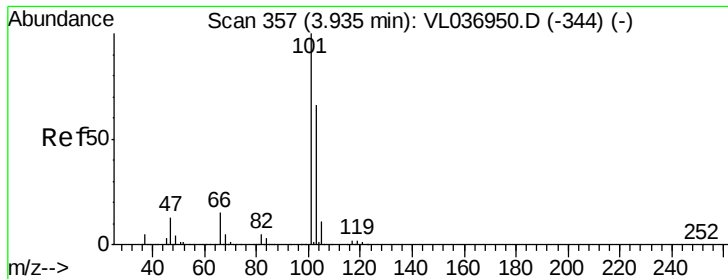
Tgt Ion: 49 Resp: 949490
 Ion Ratio Lower Upper
 49 100
 128 55.3 26.9 80.7
 130 70.3 33.8 101.4



#9
 Propene
 Concen: 0.163 ppbv
 RT: 2.99 min Scan# 64
 Delta R.T. -0.00 min
 Lab File: VL037016.D
 Acq: 20 May 2021 6:52

Tgt Ion: 41 Resp: 10183
 Ion Ratio Lower Upper
 41 100
 42 136.9 53.9 80.9#

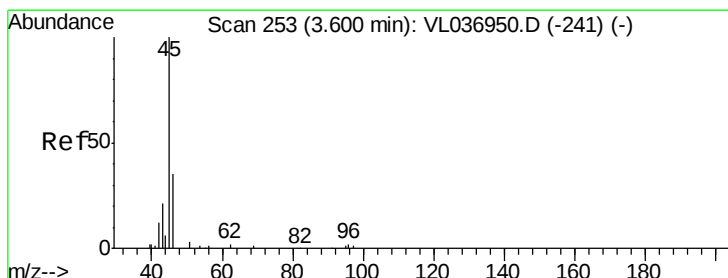
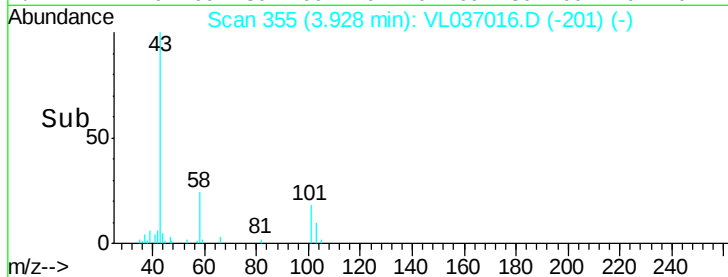
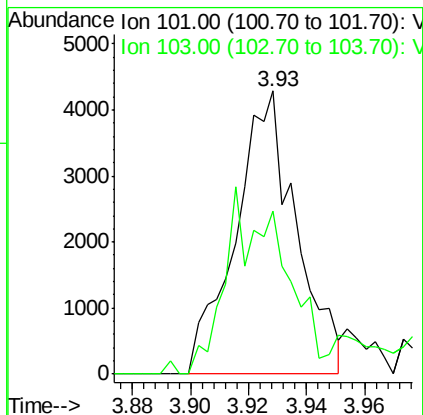
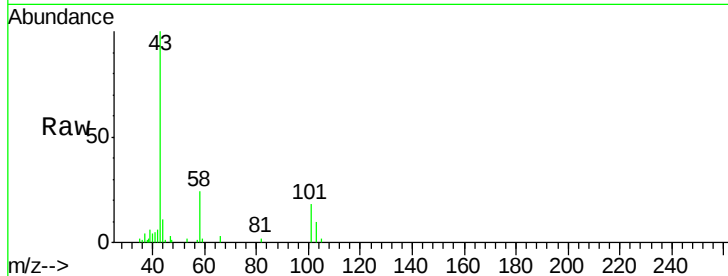




#11
 Trichlorofluoromethane
 Concen: 0.042 ppbv
 RT: 3.93 min Scan# 355
 Delta R.T. -0.01 min
 Lab File: VL037016.D
 Acq: 20 May 2021 6:52

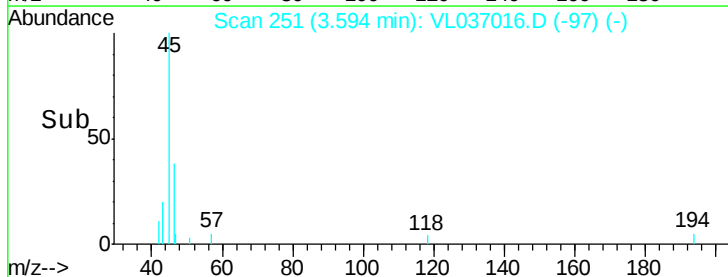
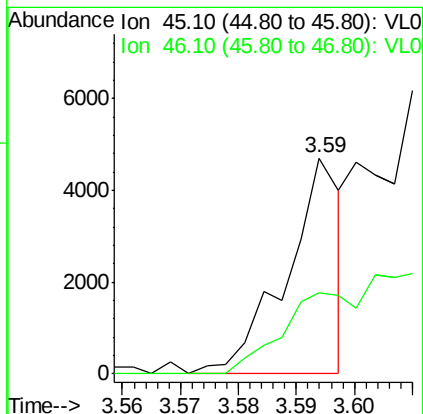
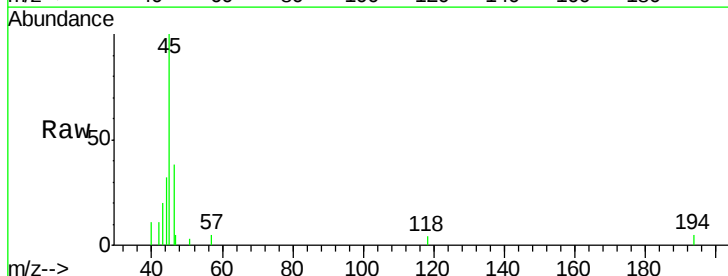
Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-10DL

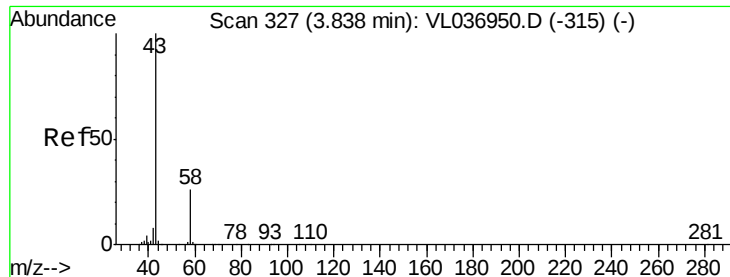
Tgt Ion: 101 Resp: 6232
 Ion Ratio Lower Upper
 101 100
 103 57.4 52.6 79.0



#13
 Ethanol
 Concen: 0.374 ppbv
 RT: 3.59 min Scan# 251
 Delta R.T. -0.01 min
 Lab File: VL037016.D
 Acq: 20 May 2021 6:52

Tgt Ion: 45 Resp: 3105
 Ion Ratio Lower Upper
 45 100
 46 0.0 16.3 65.3#





#15

Acetone

Concen: 11.152 ppbv

RT: 3.83 min Scan# 324

Delta R.T. -0.01 min

Lab File: VL037016.D

Acq: 20 May 2021 6:52

Instrument :

MSVOA_L

ClientSampleId :

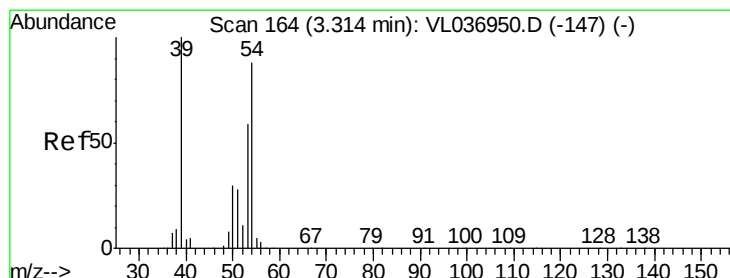
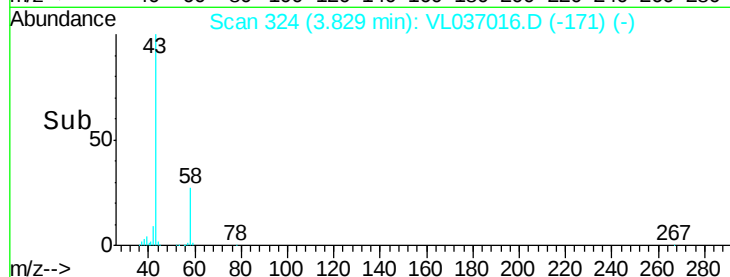
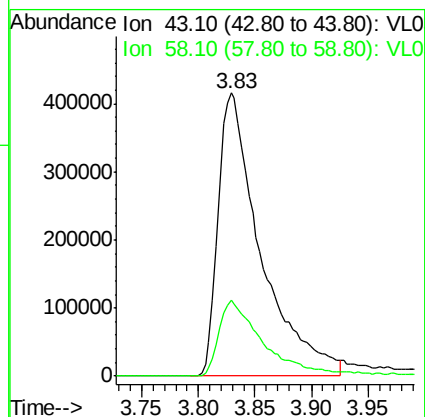
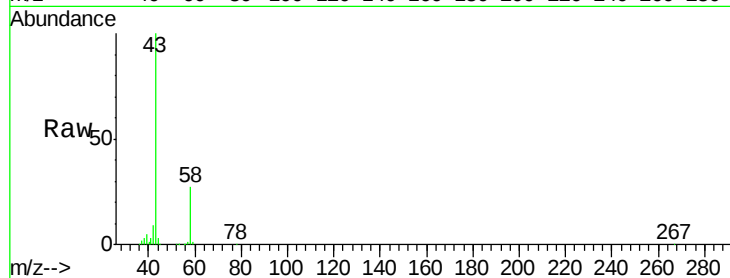
KSV-10DL

Tgt Ion: 43 Resp: 1084614

Ion Ratio Lower Upper

43 100

58 29.6 24.0 36.0



#16

1,3-Butadiene

Concen: 0.058 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.01 min

Lab File: VL037016.D

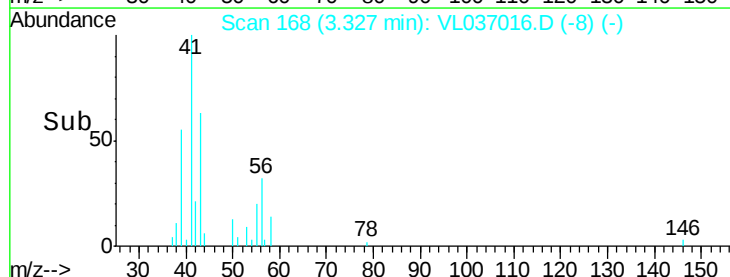
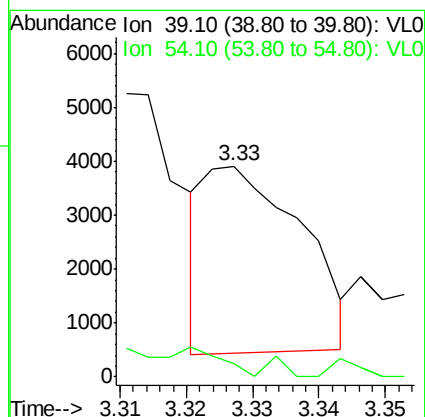
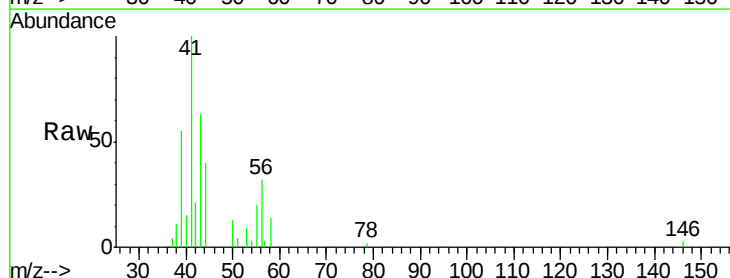
Acq: 20 May 2021 6:52

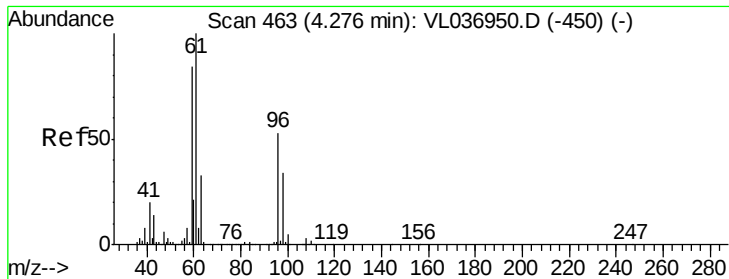
Tgt Ion: 39 Resp: 3492

Ion Ratio Lower Upper

39 100

54 0.0 63.2 94.8#



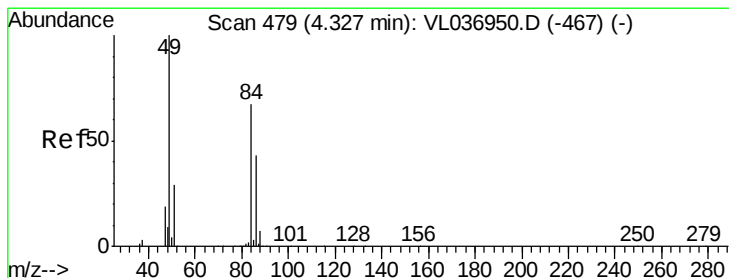
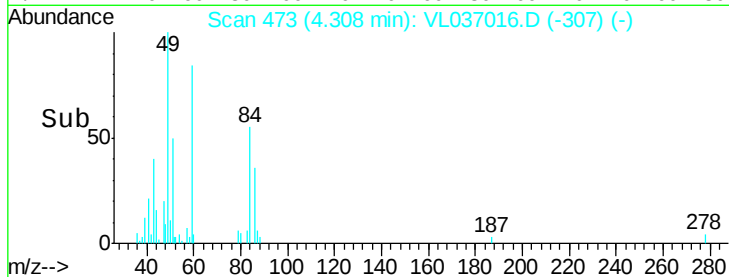
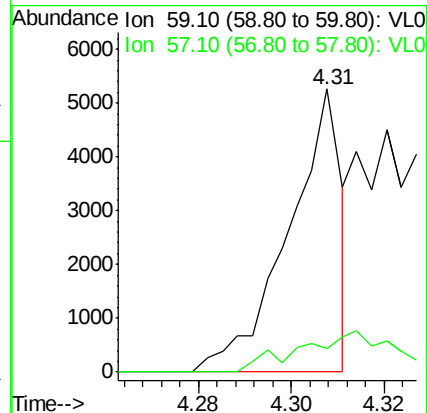
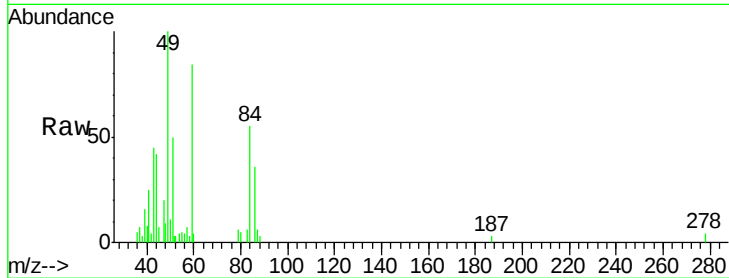


#17

tert-Butyl alcohol
Concen: 0.047 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.03 min
Lab File: VL037016.D
Acq: 20 May 2021 6:52

Instrument :
MSVOA_L
ClientSampleId :
KSV-10DL

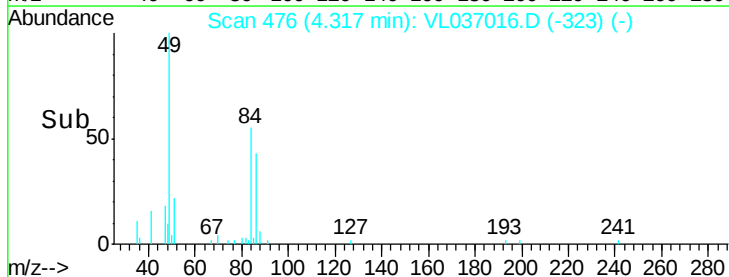
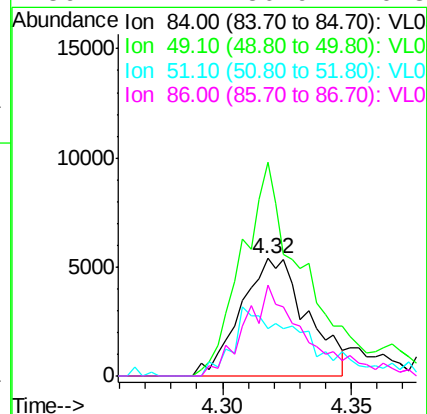
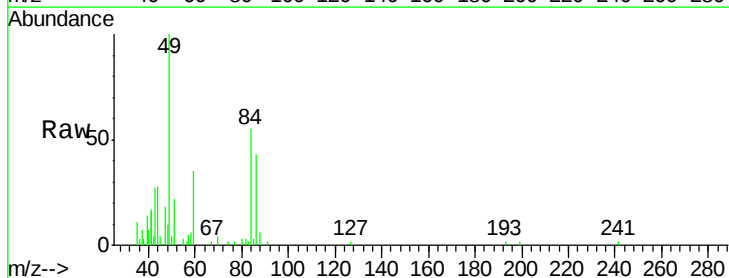
Tgt Ion: 59 Resp: 4162
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

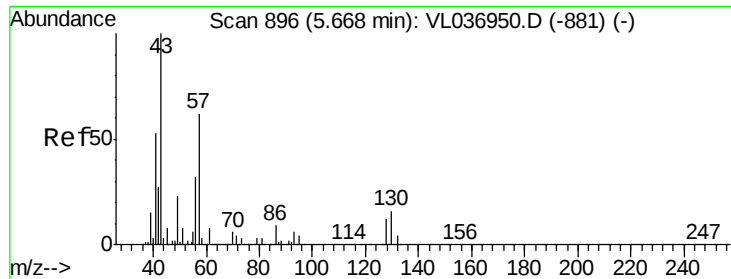


#20

Methylene Chloride
Concen: 0.185 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.01 min
Lab File: VL037016.D
Acq: 20 May 2021 6:52

Tgt Ion: 84 Resp: 9661
Ion Ratio Lower Upper
84 100
49 181.5 119.8 179.6#
51 40.6 35.1 52.7
86 77.2 50.9 76.3#





#26

Hexane

Concen: 0.085 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

Lab File: VL037016.D

Acq: 20 May 2021 6:52

Instrument :

MSVOA_L

ClientSampleId :

KSV-10DL

Tgt Ion: 57 Resp: 10191

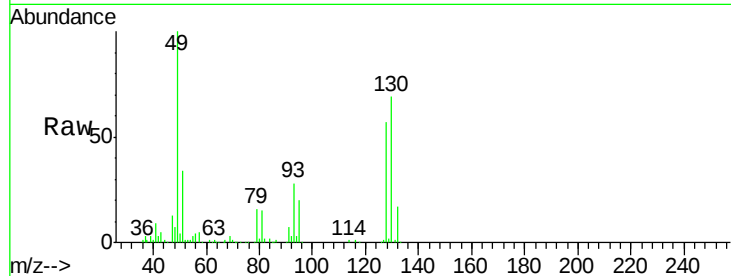
Ion Ratio Lower Upper

57 100

41 481.0 70.5 105.7#

43 256.0 165.8 248.8#

56 201.1 42.2 63.4#

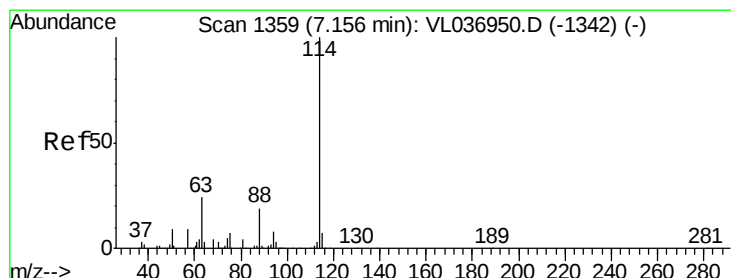
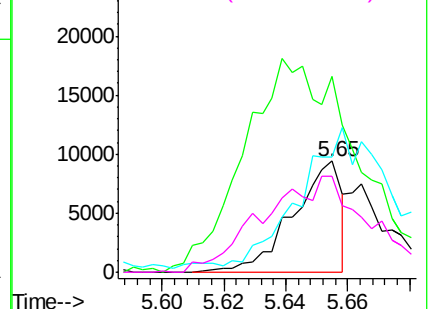
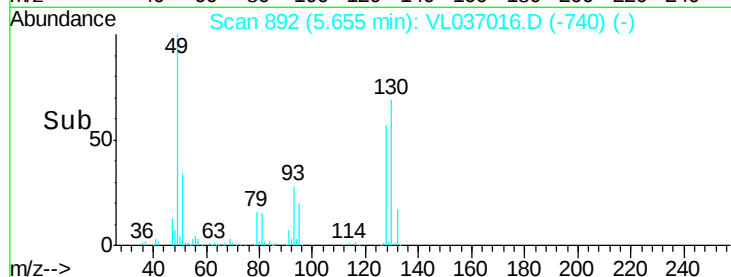


Abundance Ion 57.10 (56.80 to 57.80): VL0

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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.14 min Scan# 1354

Delta R.T. -0.02 min

Lab File: VL037016.D

Acq: 20 May 2021 6:52

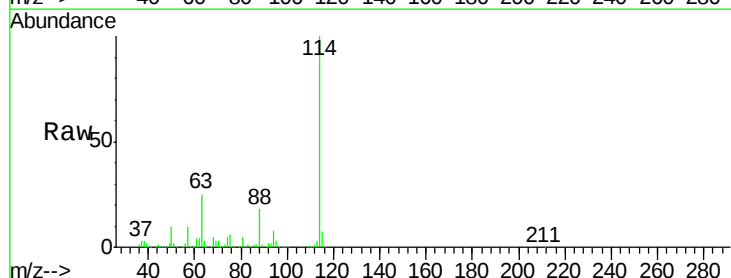
Tgt Ion: 114 Resp: 2863248

Ion Ratio Lower Upper

114 100

63 24.4 19.6 29.4

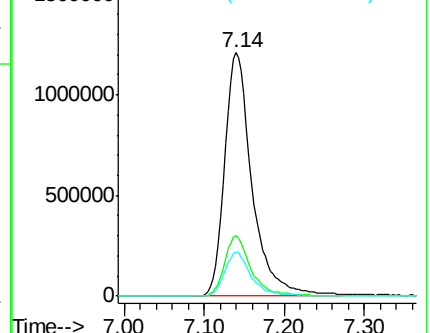
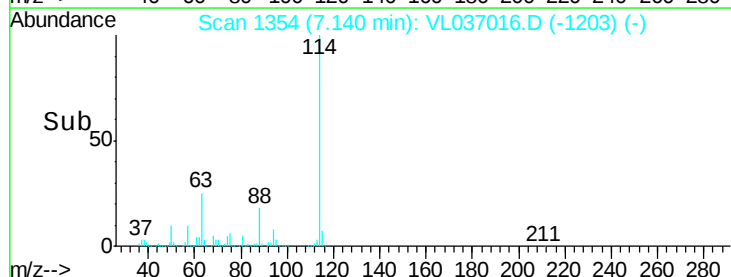
88 17.7 14.6 21.8

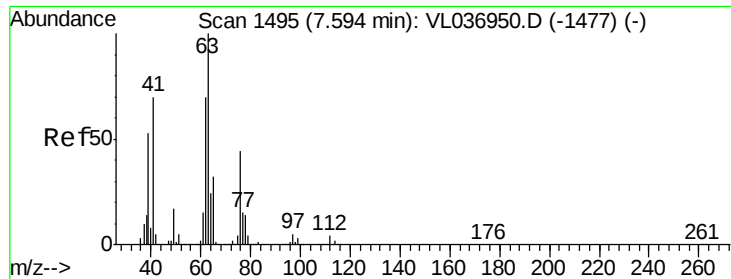


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

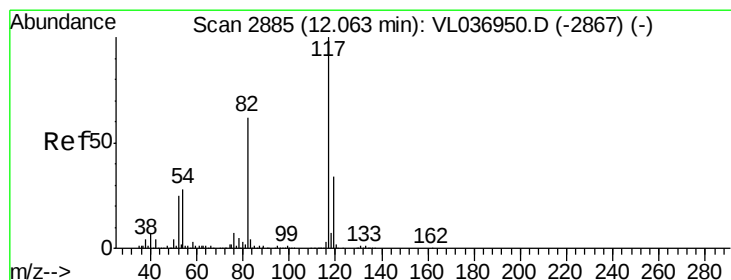
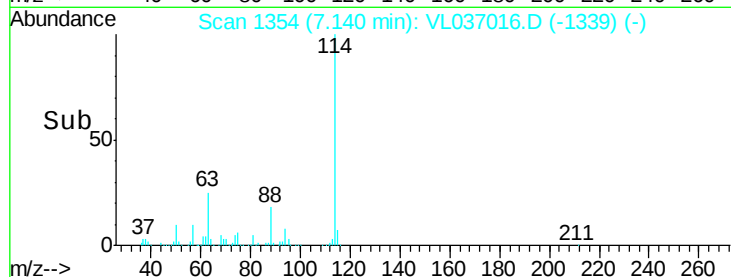
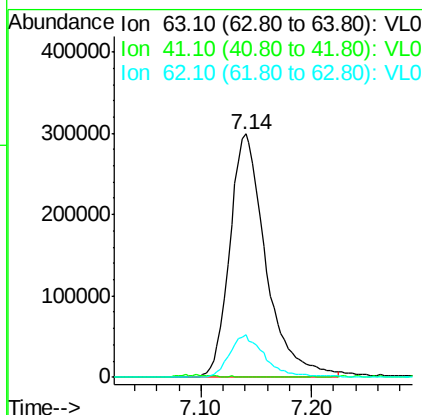
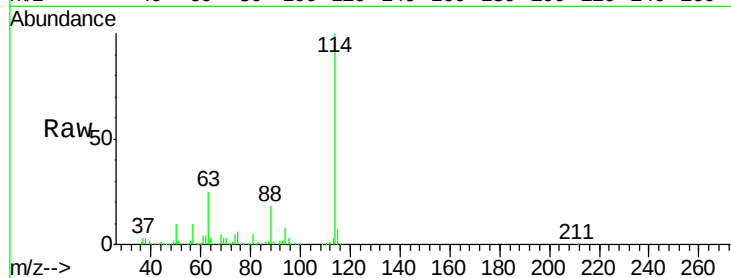




#39
 1,2-Dichloropropane
 Concen: 7.147 ppbv
 RT: 7.14 min Scan# 1354
 Delta R.T. -0.45 min
 Lab File: VL037016.D
 Acq: 20 May 2021 6:52

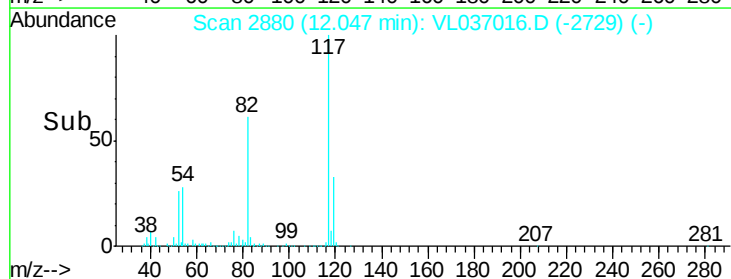
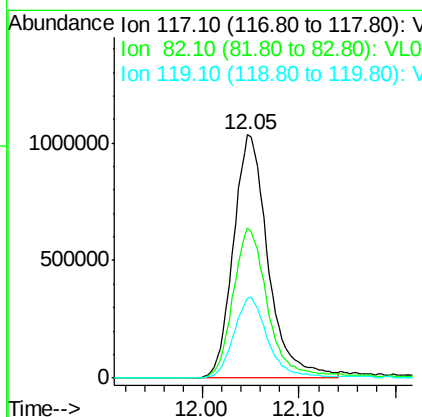
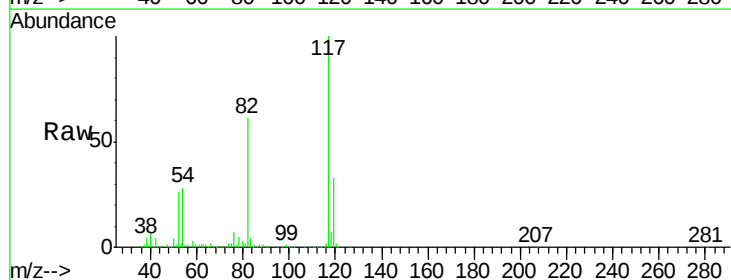
Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-10DL

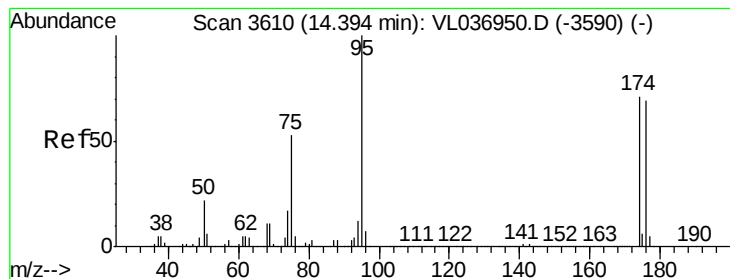
Tgt Ion: 63 Resp: 679028
 Ion Ratio Lower Upper
 63 100
 41 0.0 55.7 83.5#
 62 17.3 56.2 84.4#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.05 min Scan# 2880
 Delta R.T. -0.02 min
 Lab File: VL037016.D
 Acq: 20 May 2021 6:52

Tgt Ion: 117 Resp: 2589564
 Ion Ratio Lower Upper
 117 100
 82 63.8 52.6 79.0
 119 33.2 46.6 70.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.172 ppbv

RT: 14.38 min Scan# 3605

Delta R.T. -0.02 min

Lab File: VL037016.D

Acq: 20 May 2021 6:52

Instrument :

MSVOA_L

ClientSampleId :

KSV-10DL

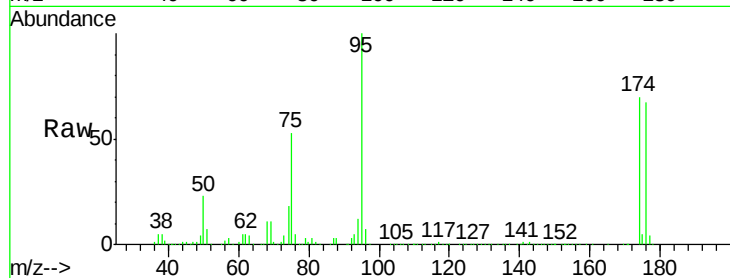
Tgt Ion: 95 Resp: 1978701

Ion Ratio Lower Upper

95 100

174 74.7 58.4 87.6

175 5.5 4.4 6.6



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

