

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071922\
 Data File : VL039491.D
 Acq On : 19 Jul 2022 21:15
 Operator : SY/AP
 Sample : N3750-04 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4

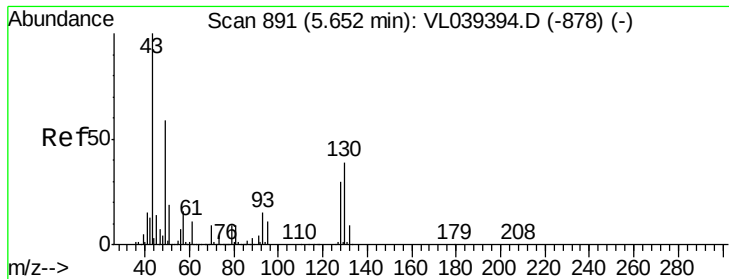
Quant Time: Jul 20 05:40:00 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1289450	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	3626412	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.10	117	3263177	10.00	ppbv	0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2400405	9.92	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	16413	0.088 ppbv	94
4) Chloromethane	3.15	50	10865	0.121 ppbv	92
7) Chloroethane	3.57	64	3877	0.124 ppbv #	77
9) Propene	3.02	41	261774	3.543 ppbv	85
10) Heptane	8.15	43	85160	0.492 ppbv	94
11) Trichlorofluoromethane	3.96	101	10493	0.051 ppbv #	73
13) Ethanol	3.97	45	1408637	328.640 ppbv #	26
15) Acetone	3.85	43	4158452	27.259 ppbv	97
16) 1,3-Butadiene	3.31	39	164362	2.076 ppbv #	23
17) tert-Butyl alcohol	4.29	59	22235	0.172 ppbv #	71
19) Isopropyl Alcohol	3.97	45	1408637	17.311 ppbv	99
20) Methylene Chloride	4.35	84	141272	2.323 ppbv	94
21) Allyl Chloride	4.38	41	4648	0.044 ppbv #	10
23) Vinyl Acetate	5.08	43	13355	0.131 ppbv #	68
25) Ethyl Acetate	5.70	43	1261425	4.033 ppbv #	76
26) Hexane	5.70	57	1802528	14.296 ppbv #	38
27) Carbon Disulfide	4.56	76	54885	0.361 ppbv #	90
28) Methyl tert-Butyl Ether	5.06	73	23201	0.172 ppbv	99
29) Chloroform	5.76	83	3798176	17.323 ppbv	99
30) Cyclohexane	7.15	84	8913	0.078 ppbv #	1
32) 1,1,1-Trichloroethane	6.53	97	130763	0.604 ppbv	98
34) 2-Butanone	5.27	43	192055	1.052 ppbv	95
36) Benzene	6.92	78	170577	0.608 ppbv	92
38) Trichloroethene	7.90	130	38200357	251.645 ppbv #	89
39) 1,2-Dichloropropane	7.89	63	248289	2.368 ppbv #	1
41) Tetrahydrofuran	5.70	42	690470	6.527 ppbv #	48
42) Bromodichloromethane	7.90	83	1052679	4.713 ppbv #	95
47) 1,1,2-Trichloroethane	9.50	97	12282	0.104 ppbv #	86
50) 4-Methyl-2-Pentanone	8.77	43	20153	0.073 ppbv #	60
51) 2-Hexanone	10.16	43	10847	0.052 ppbv #	1
52) Tetrachloroethene	11.25	164	1105513	9.785 ppbv	96
53) Toluene	9.83	91	118305	0.365 ppbv	97
58) Ethyl Benzene	12.73	91	14556	0.035 ppbv	97
59) m/p-Xylene	12.99	91	51643	0.139 ppbv #	69
60) o-Xylene	13.71	91	37519	0.107 ppbv	96
73) 1,3,5-Trimethylbenzene	16.01	105	16538	0.044 ppbv	93
74) 1,2,4-Trimethylbenzene	16.78	105	47374	0.113 ppbv #	63

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SV-4

Acq: 19 Jul 2022 21:15

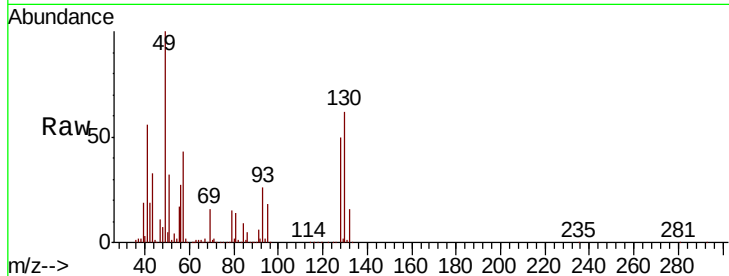
Tot Ion: 49 Resp: 1289450

Ion Ratio Lower Upper

49 100

128 51.0 26.7 80.0

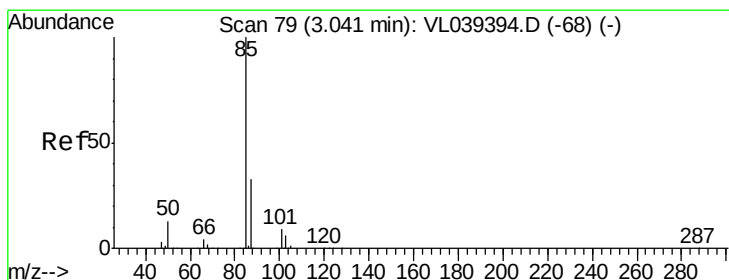
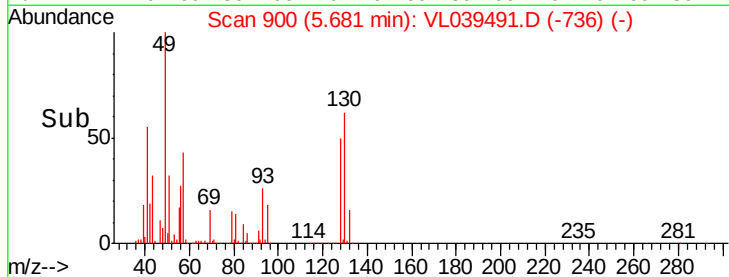
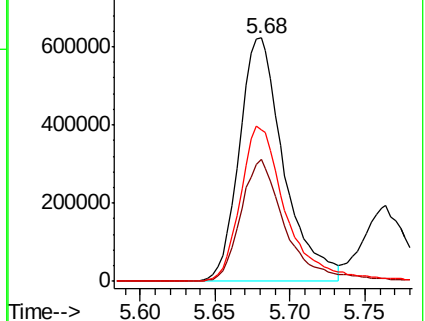
130 66.4 34.3 102.8



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: 0.088 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.01 min

Lab File: VL039491.D

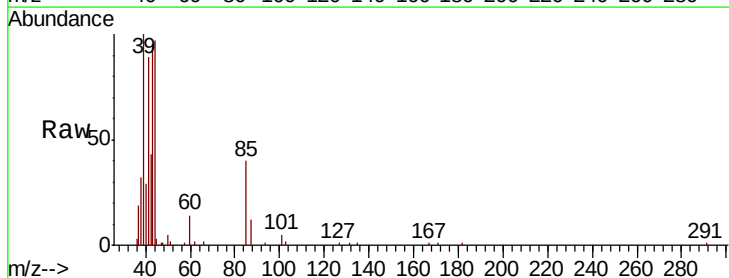
Acq: 19 Jul 2022 21:15

Tgt Ion: 85 Resp: 16413

Ion Ratio Lower Upper

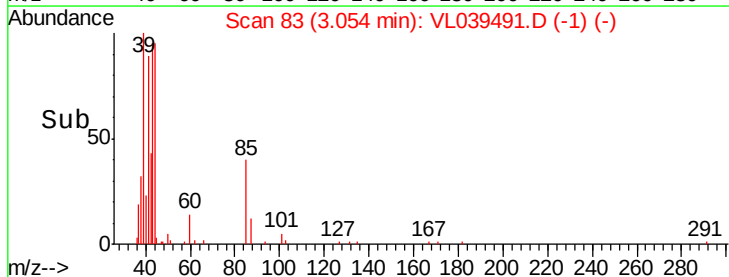
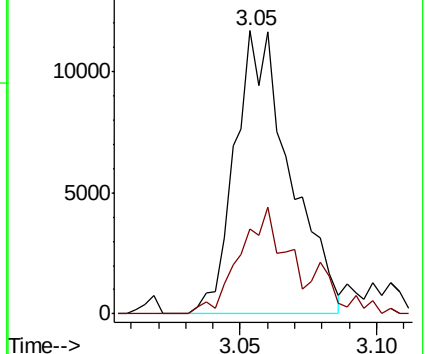
85 100

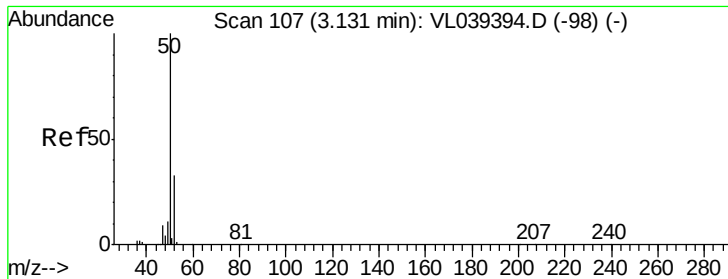
87 30.0 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#4

Chloromethane

Concen: 0.121 ppbv

RT: 3.15 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

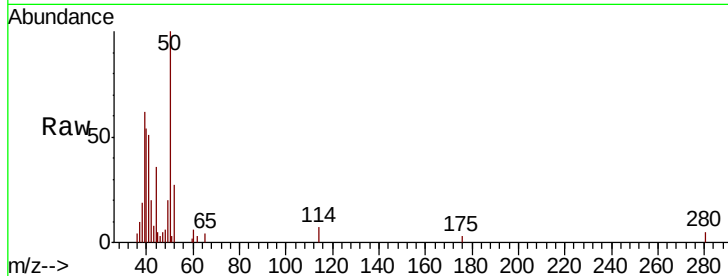
Acq: 19 Jul 2022 21:15 SV-4

Tot Ion: 50 Resp: 10865

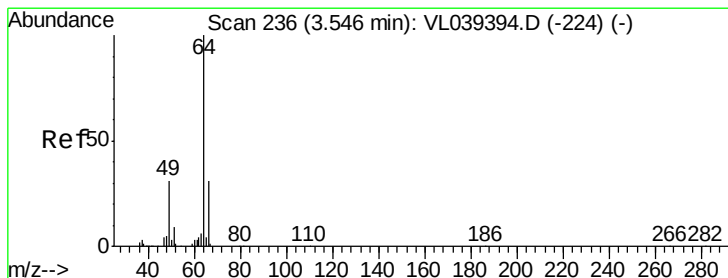
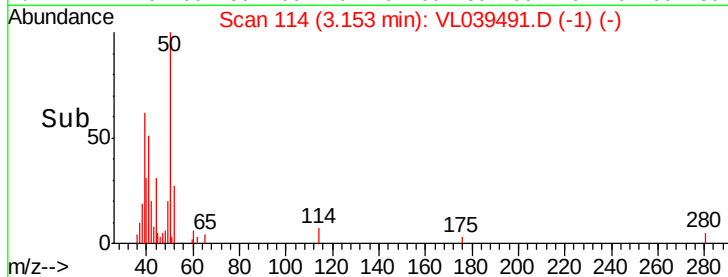
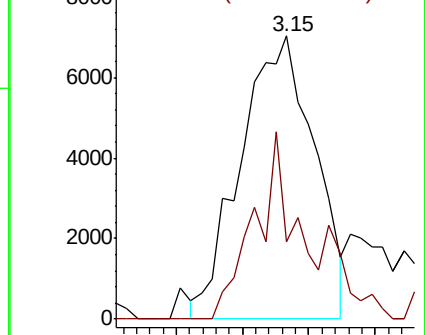
Ion Ratio Lower Upper

50 100

52 28.4 26.5 39.7



Abundance Ion 50.10 (49.80 to 50.80): VL0
Ion 52.10 (51.80 to 52.80): VL0



#7

Chloroethane

Concen: 0.124 ppbv

RT: 3.57 min Scan# 243

Delta R.T. 0.02 min

Lab File: VL039491.D

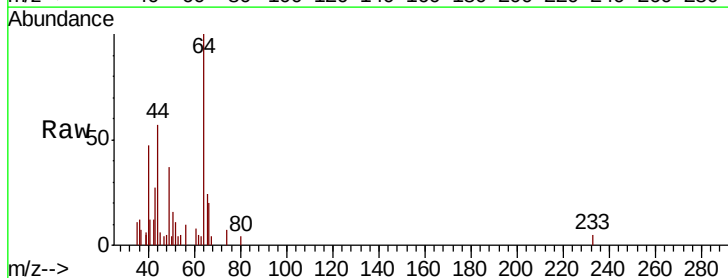
Acq: 19 Jul 2022 21:15

Tgt Ion: 64 Resp: 3877

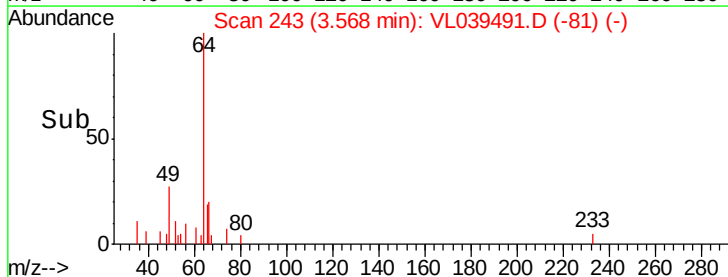
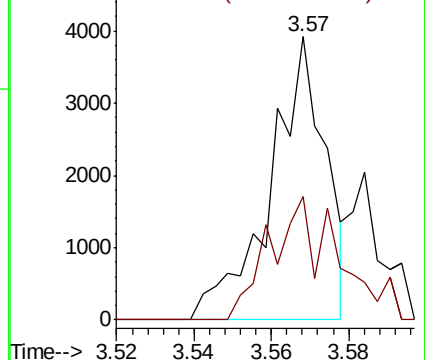
Ion Ratio Lower Upper

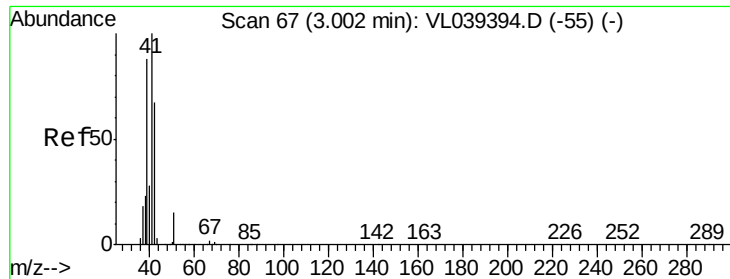
64 100

66 43.5 24.7 37.1#



Abundance Ion 64.10 (63.80 to 64.80): VL0
Ion 66.10 (65.80 to 66.80): VL0





#9

Propene

Concen: 3.543 ppbv

RT: 3.02 Instrument: MSVOA_1

Delta R.T. 0.04 min

Lab File: ClientSampleId: SV-4

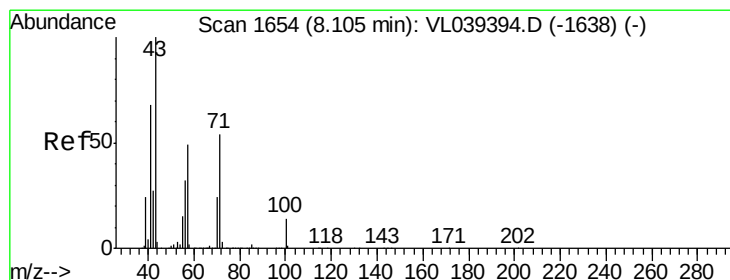
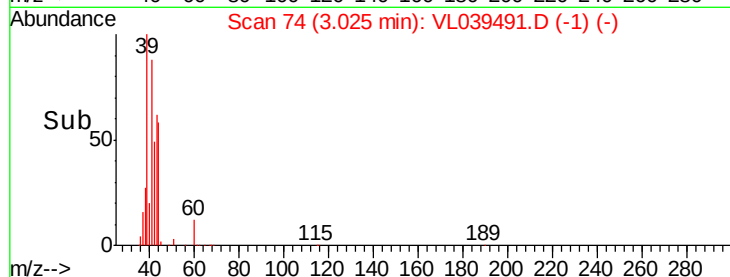
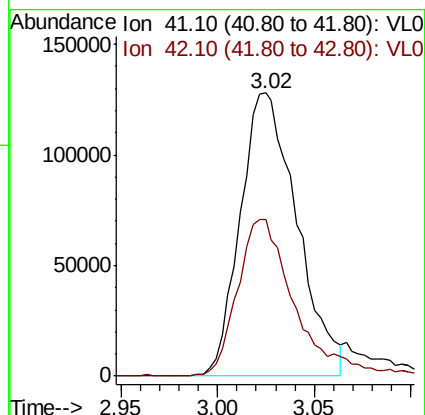
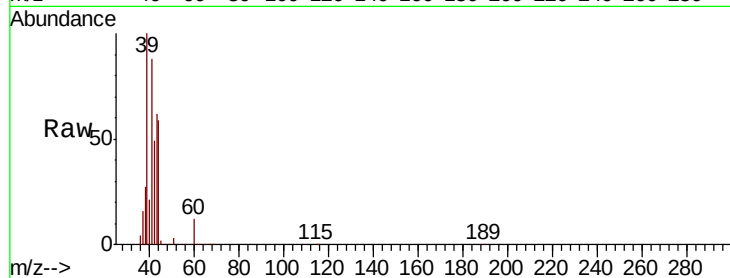
Acq: 19 Jul 2022 21:15

Tot Ion: 41 Resp: 261774

Ion Ratio Lower Upper

41 100

42 56.5 55.2 82.8



#10

Heptane

Concen: 0.492 ppbv

RT: 8.15 min Scan# 1667

Delta R.T. 0.04 min

Lab File: VL039491.D

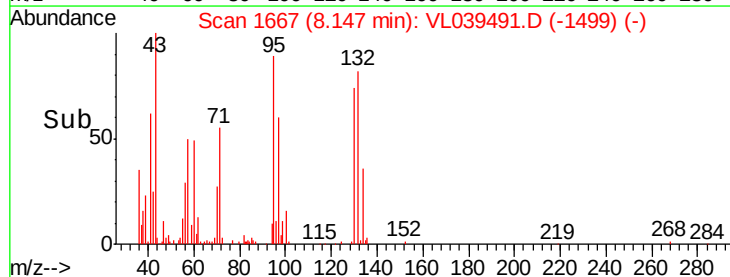
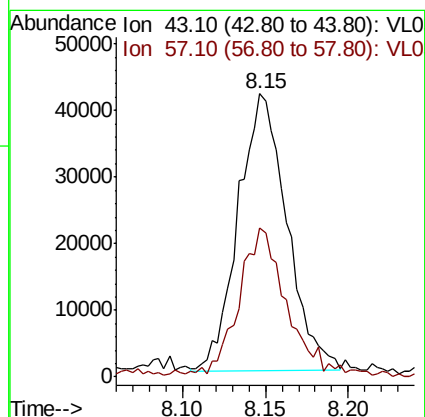
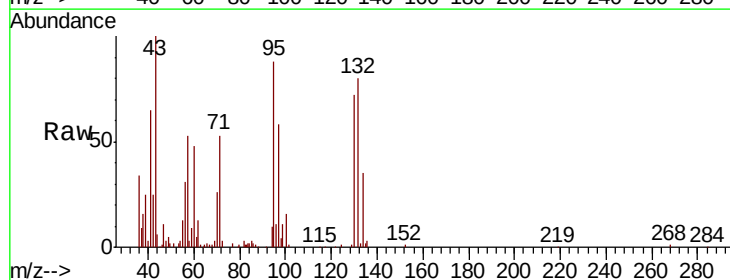
Acq: 19 Jul 2022 21:15

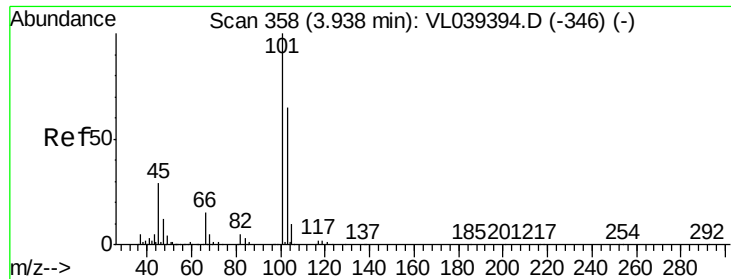
Tgt Ion: 43 Resp: 85160

Ion Ratio Lower Upper

43 100

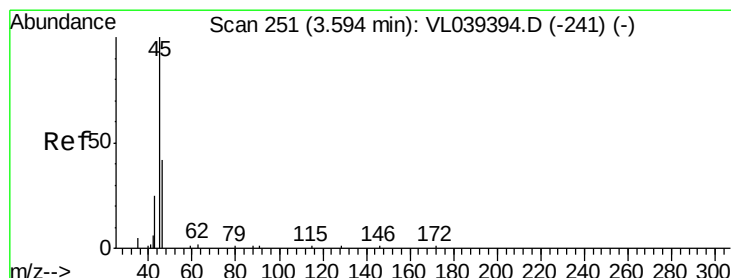
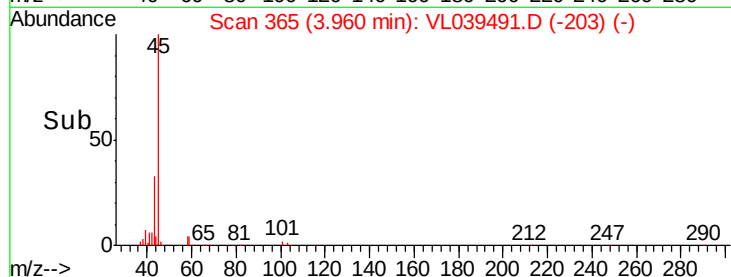
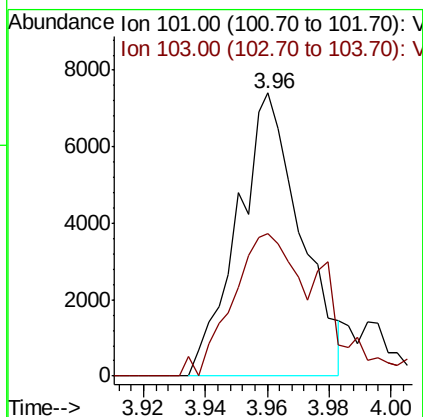
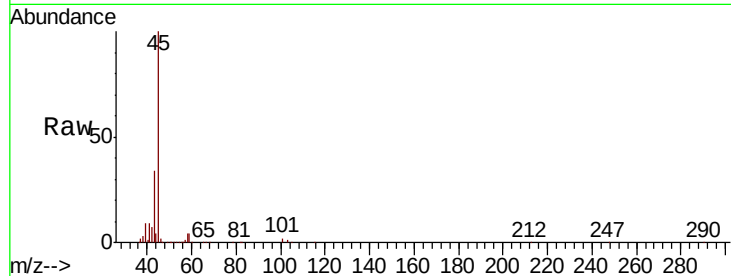
57 55.0 40.5 60.7





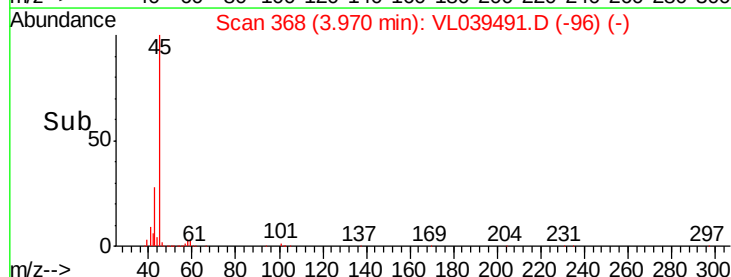
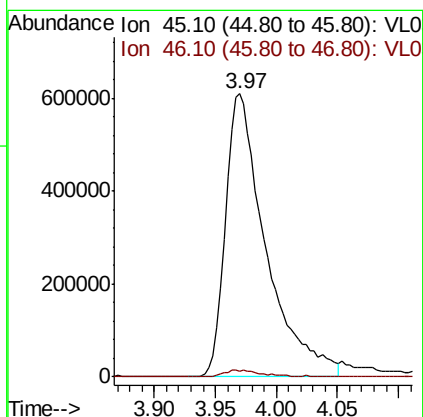
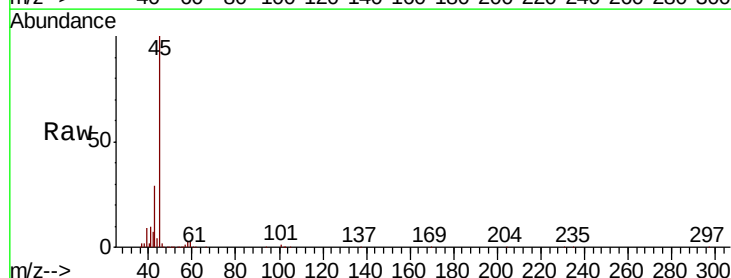
#11
 Trichlorofluoromethane
 Concen: 0.051 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 SV-4
 Acq: 19 Jul 2022 21:15

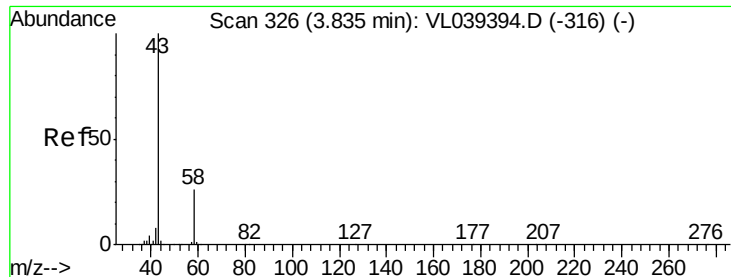
Tot Ion: 101 Resp: 10493
 Ion Ratio Lower Upper
 101 100
 103 43.4 51.8 77.8#



#13
 Ethanol
 Concen: 328.640 ppbv
 RT: 3.97 min Scan# 368
 Delta R.T. 0.38 min
 Lab File: VL039491.D
 Acq: 19 Jul 2022 21:15

Tgt Ion: 45 Resp: 1408637
 Ion Ratio Lower Upper
 45 100
 46 2.4 22.8 91.2#





#15

Acetone

Concen: 27.259 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

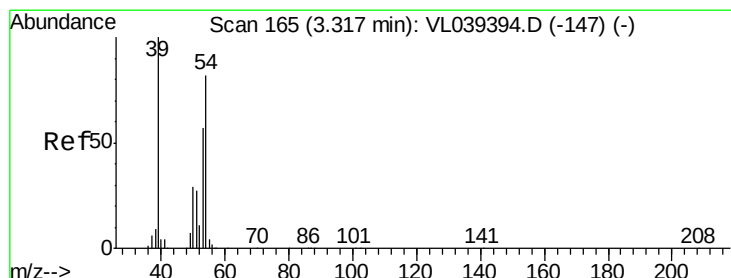
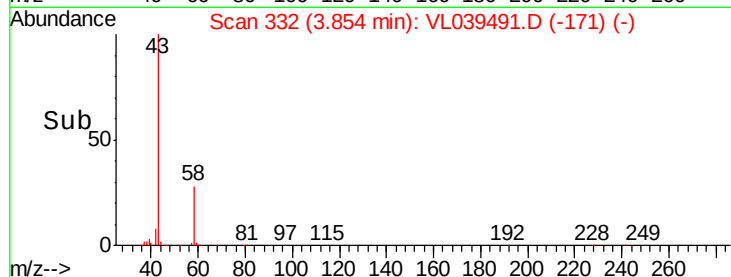
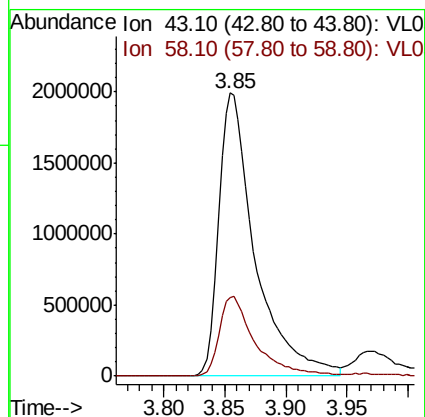
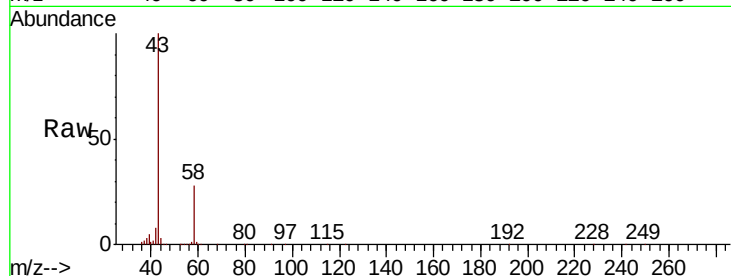
Acq: 19 Jul 2022 21:15 SV-4

Tot Ion: 43 Resp: 4158452

Ion Ratio Lower Upper

43 100

58 28.0 21.0 31.6



#16

1,3-Butadiene

Concen: 2.076 ppbv

RT: 3.31 min Scan# 164

Delta R.T. -0.00 min

Lab File: VL039491.D

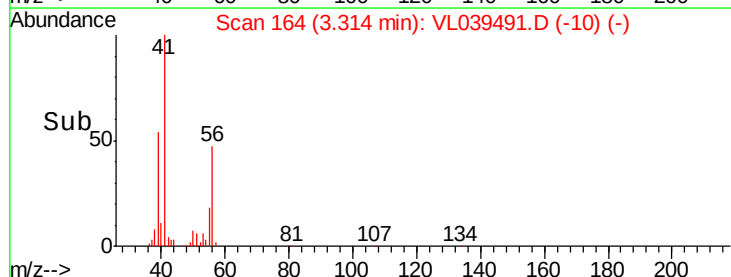
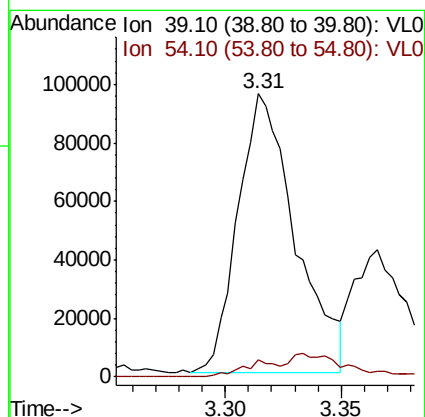
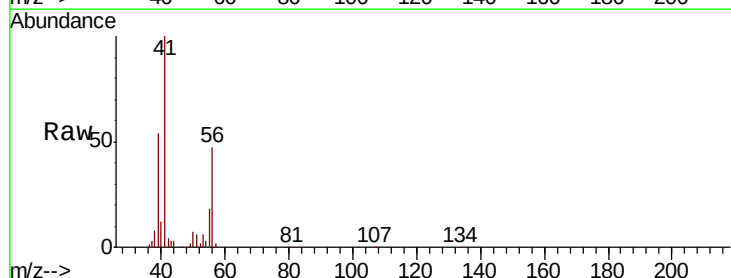
Acq: 19 Jul 2022 21:15

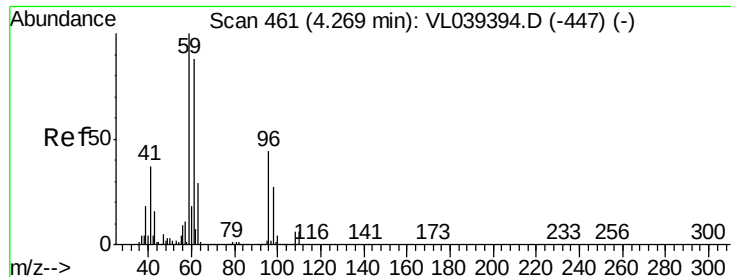
Tgt Ion: 39 Resp: 164362

Ion Ratio Lower Upper

39 100

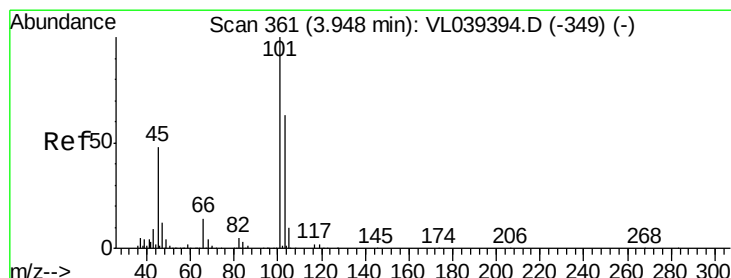
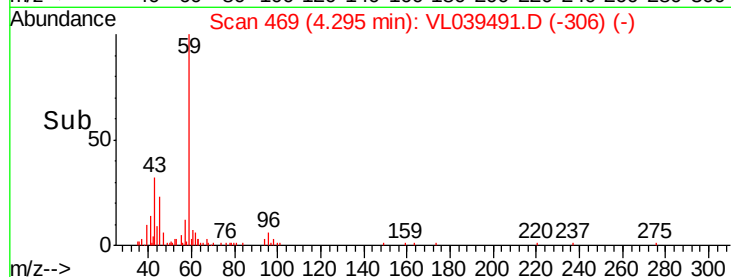
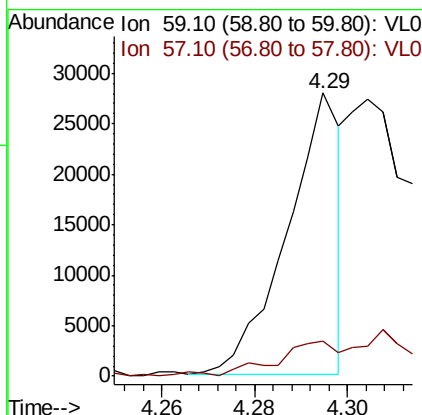
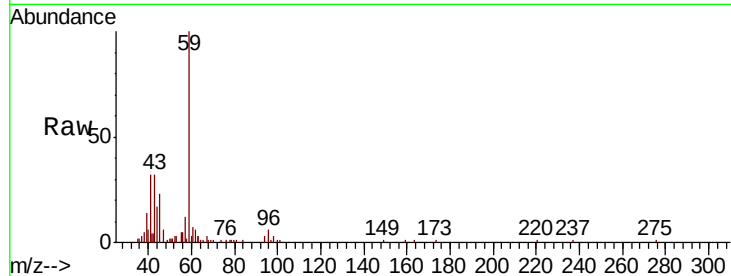
54 12.2 63.7 95.5#





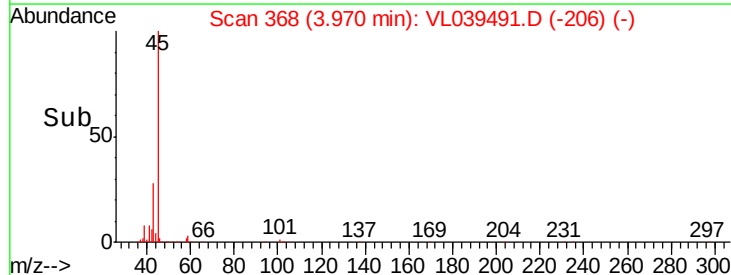
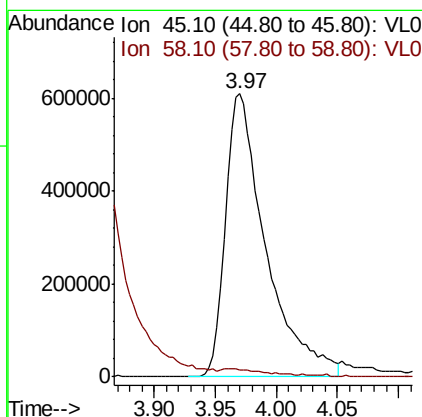
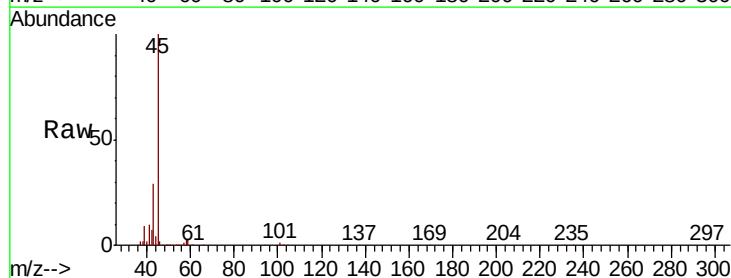
#17
 tert-Butyl alcohol
 Concen: 0.172 ppbv
 RT: 4.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV-4
 Acq: 19 Jul 2022 21:15

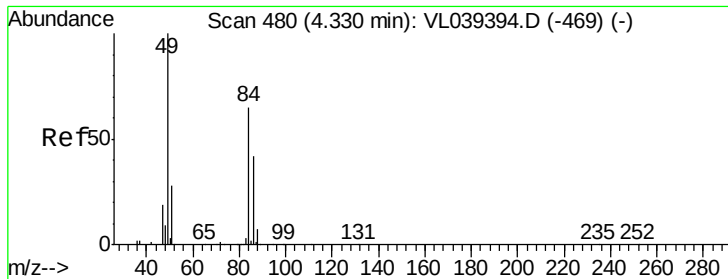
Tot Ion: 59 Resp: 22235
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#



#19
 Isopropyl Alcohol
 Concen: 17.311 ppbv
 RT: 3.97 min Scan# 368
 Delta R.T. 0.02 min
 Lab File: VL039491.D
 Acq: 19 Jul 2022 21:15

Tgt Ion: 45 Resp: 1408637
 Ion Ratio Lower Upper
 45 100
 58 3.7 3.2 4.8





#20

Methylene Chloride

Concen: 2.323 ppbv

RT: 4.35 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 19 Jul 2022 21:15 SV-4

Tot Ion: 84 Resp: 141272

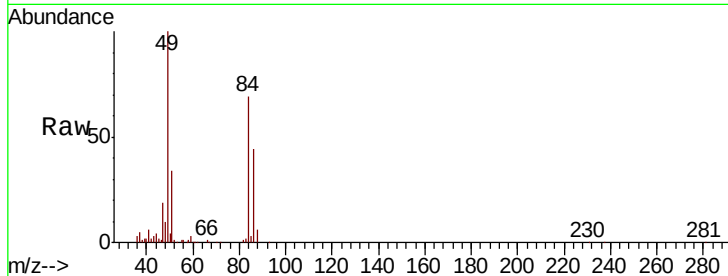
Ion Ratio Lower Upper

84 100

49 144.6 123.1 184.7

51 48.1 34.4 51.6

86 63.8 51.1 76.7

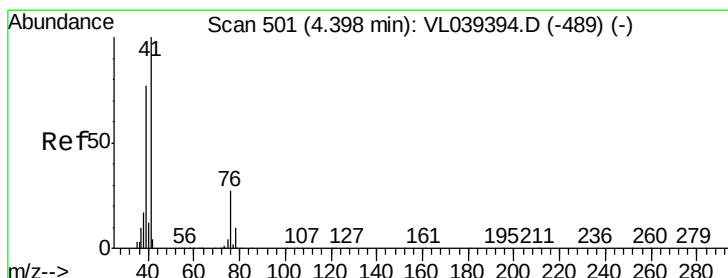
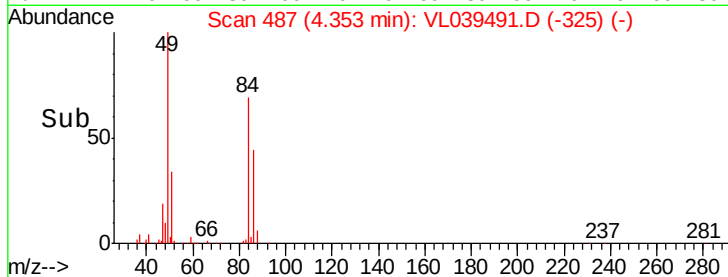
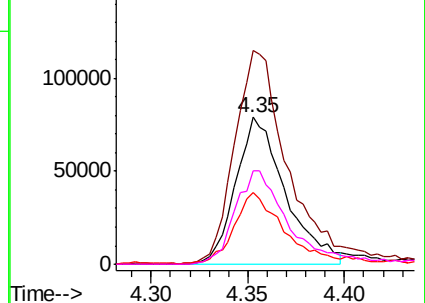


Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#21

Allyl Chloride

Concen: 0.044 ppbv

RT: 4.38 min Scan# 494

Delta R.T. -0.02 min

Lab File: VL039491.D

Acq: 19 Jul 2022 21:15

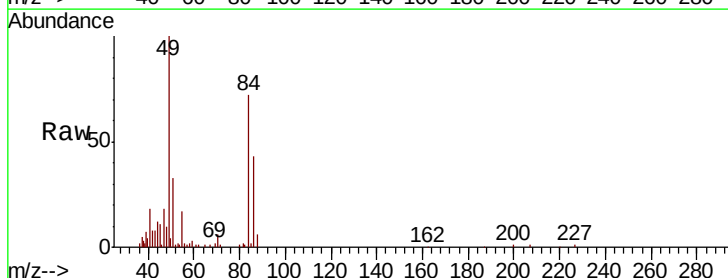
Tgt Ion: 41 Resp: 4648

Ion Ratio Lower Upper

41 100

76 0.0 24.4 36.6#

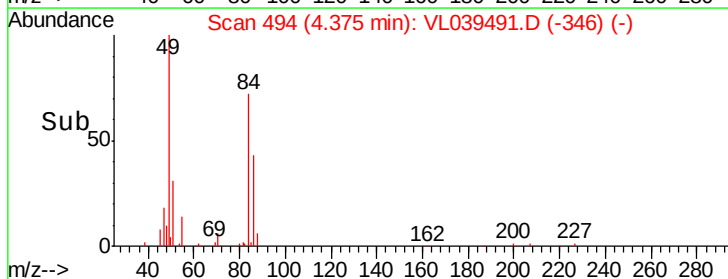
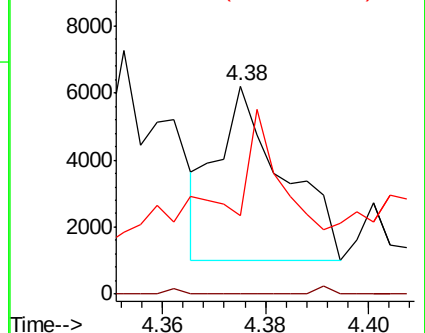
39 169.4 63.5 95.3#

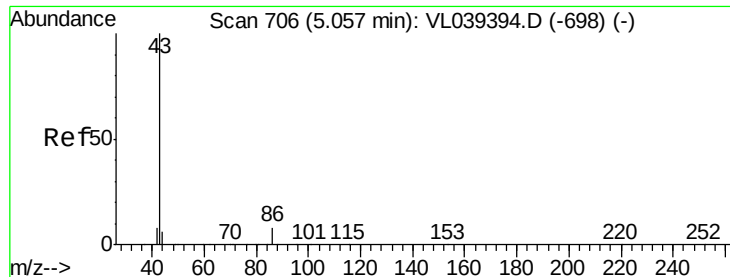


Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0





#23

Vinyl Acetate

Concen: 0.131 ppbv

RT: 5.08 Instrument: MSVOA_1

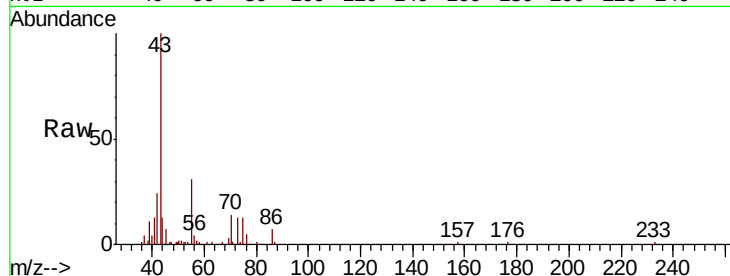
Delta R.T.

Lab File: ClientSampleId: SV-4

Acq: 19 Jul 2022 21:15

Tot Ion: 43 Resp: 13355

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.6#
42	26.3	7.7	11.5#
44	13.8	4.6	7.0#



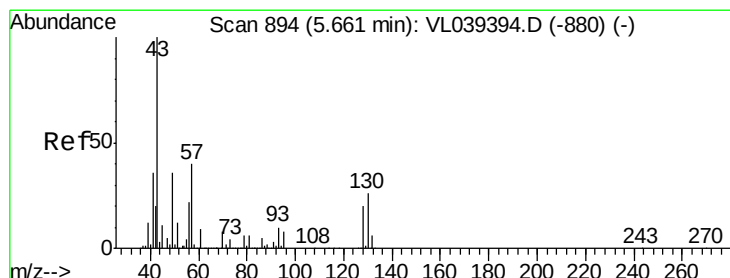
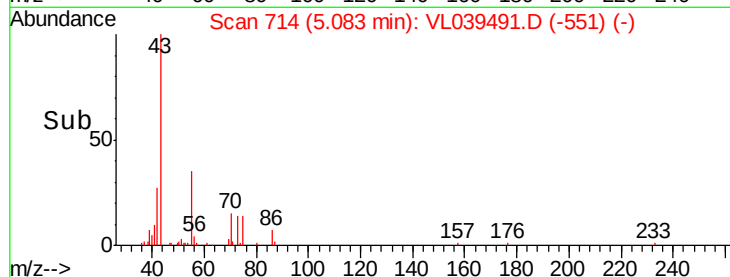
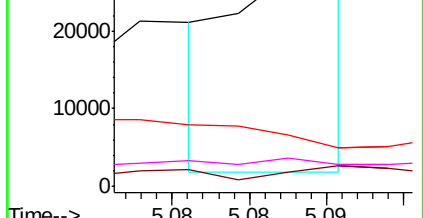
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 4.033 ppbv

RT: 5.70 min Scan# 906

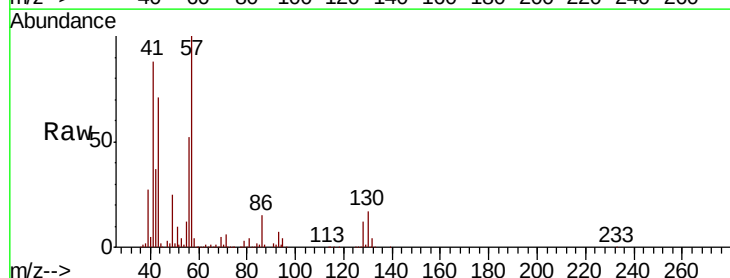
Delta R.T. 0.04 min

Lab File: VL039491.D

Acq: 19 Jul 2022 21:15

Tgt Ion: 43 Resp: 1261425

Ion	Ratio	Lower	Upper
43	100		
45	0.2	8.2	12.4#
61	0.3	8.3	12.5#
70	2.2	5.9	8.9#



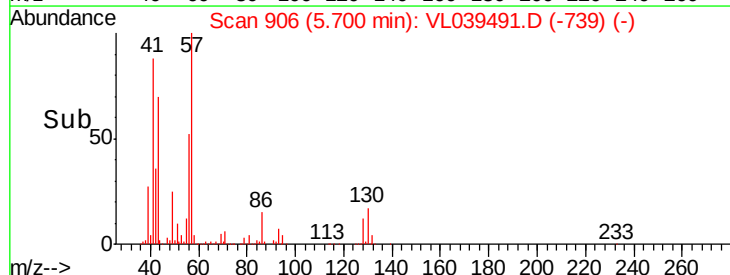
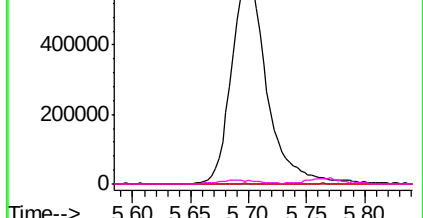
Abundance

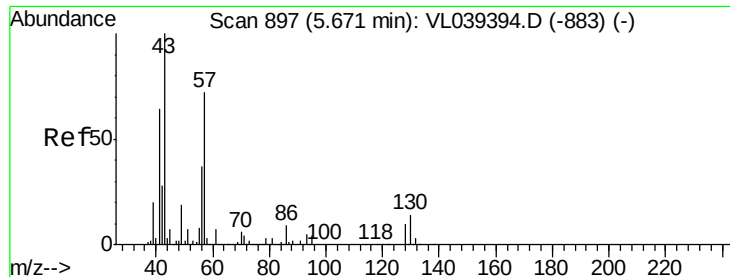
Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0





#26

Hexane

Concen: 14.296 ppbv

RT: 5.70

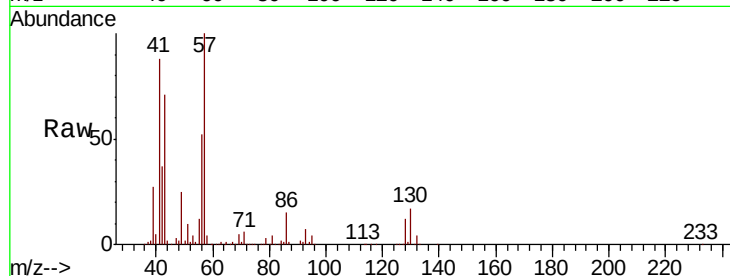
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

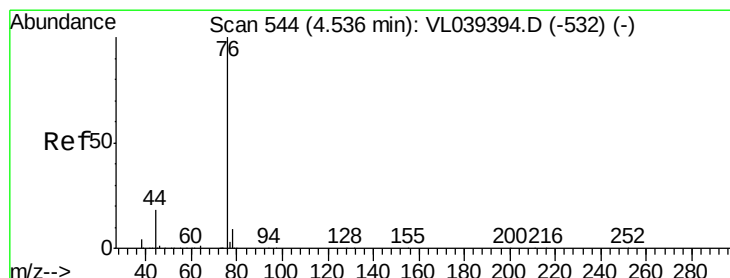
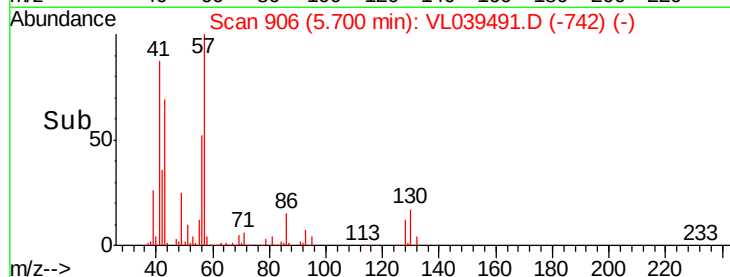
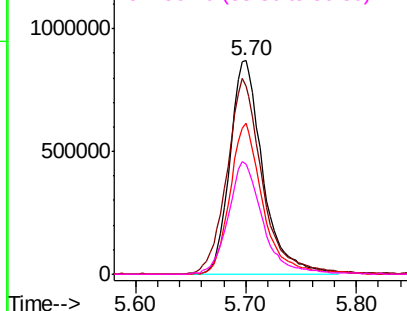
Acq: 19 Jul 2022 21:15

Tot Ion: 57 Resp: 1802528

Ion	Ratio	Lower	Upper
57	100		
41	99.3	76.9	115.3
43	70.8	191.0	286.6#
56	55.3	43.2	64.8



Abundance Ion 57.10 (56.80 to 57.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 43.10 (42.80 to 43.80): VL0
 Ion 56.10 (55.80 to 56.80): VL0



#27

Carbon Disulfide

Concen: 0.361 ppbv

RT: 4.56 min Scan# 551

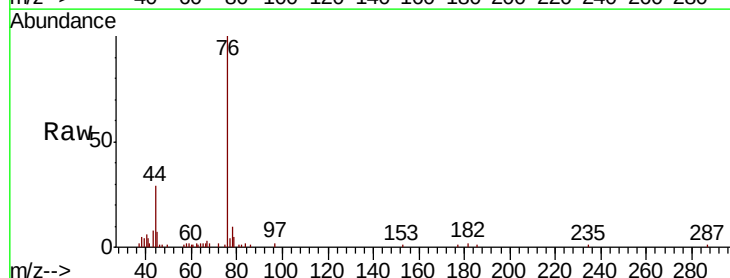
Delta R.T. 0.02 min

Lab File: VL039491.D

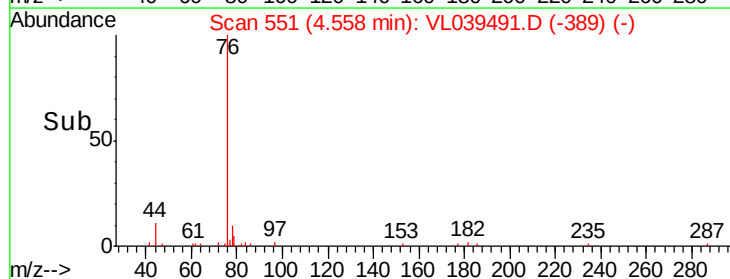
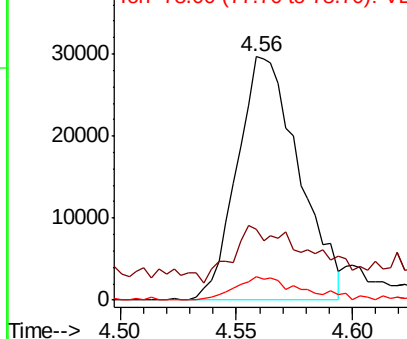
Acq: 19 Jul 2022 21:15

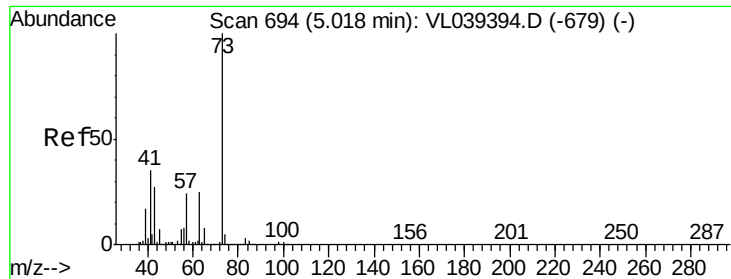
Tgt Ion: 76 Resp: 54885

Ion	Ratio	Lower	Upper
76	100		
44	24.7	14.6	21.8#
78	10.5	7.8	11.6



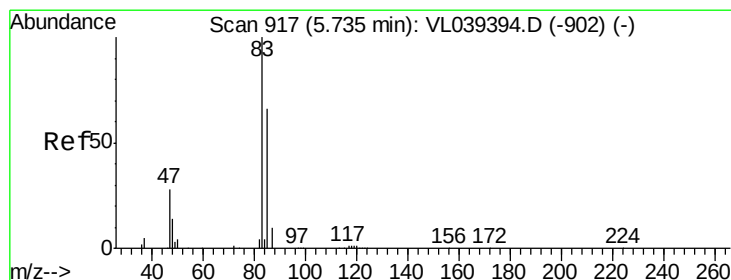
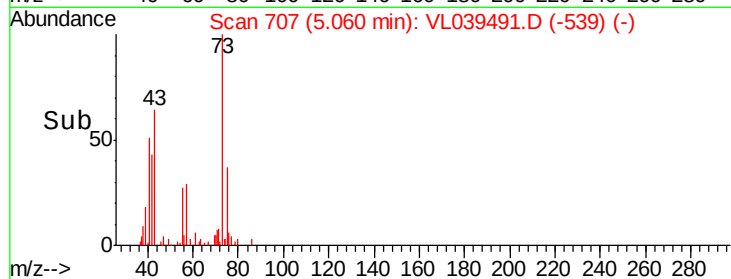
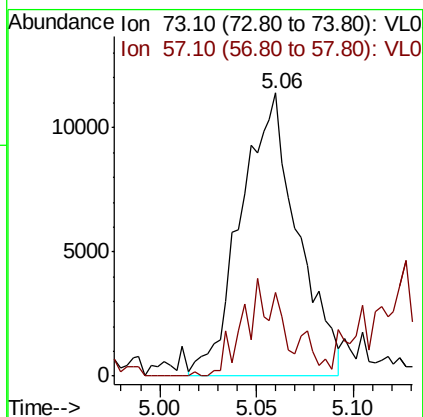
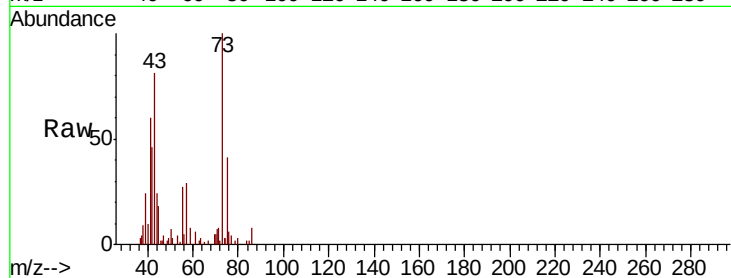
Abundance Ion 76.00 (75.70 to 76.70): VL0
 Ion 44.10 (43.80 to 44.80): VL0
 Ion 78.00 (77.70 to 78.70): VL0





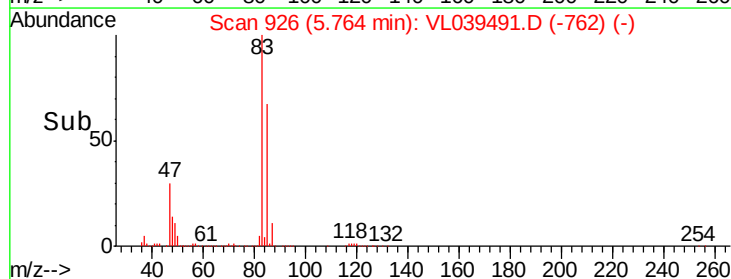
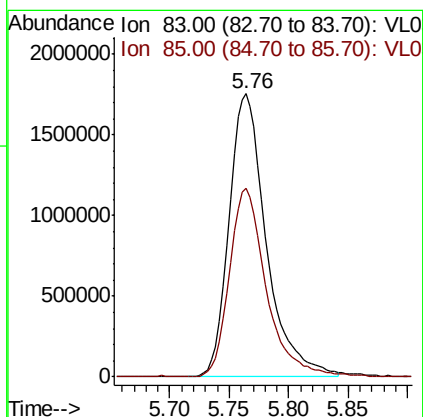
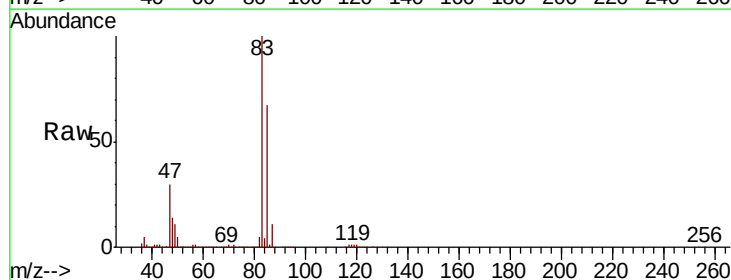
#28
Methyl tert-Butyl Ether
Concen: 0.172 ppbv
RT: 5.06
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV-4
Acq: 19 Jul 2022 21:15

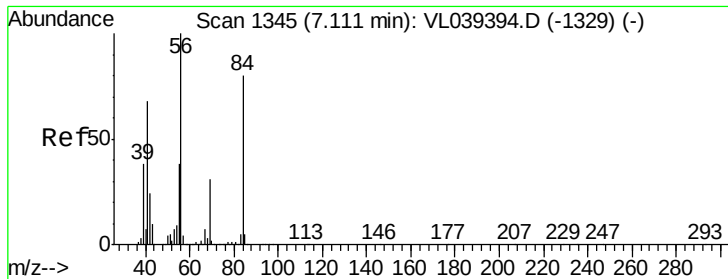
Tot Ion: 73 Resp: 23201
Ion Ratio Lower Upper
73 100
57 25.2 19.8 29.8



#29
Chloroform
Concen: 17.323 ppbv
RT: 5.76 min Scan# 926
Delta R.T. 0.03 min
Lab File: VL039491.D
Acq: 19 Jul 2022 21:15

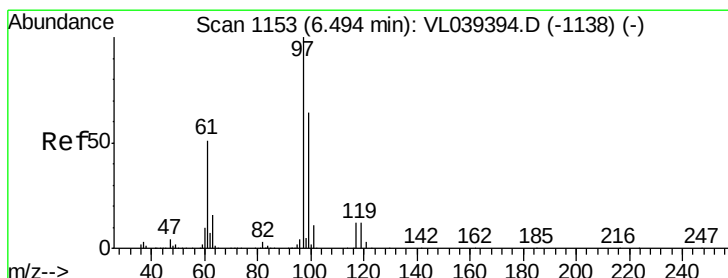
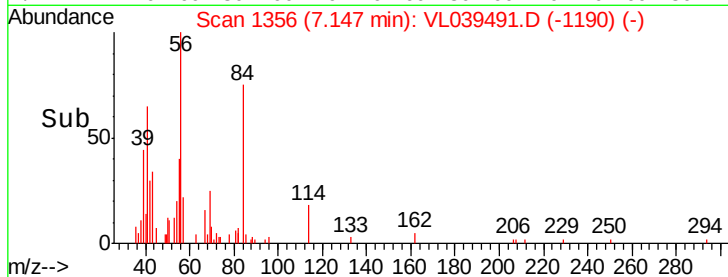
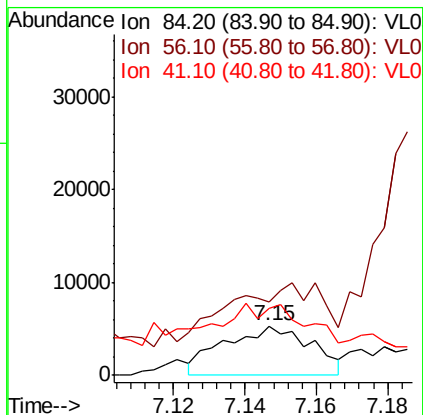
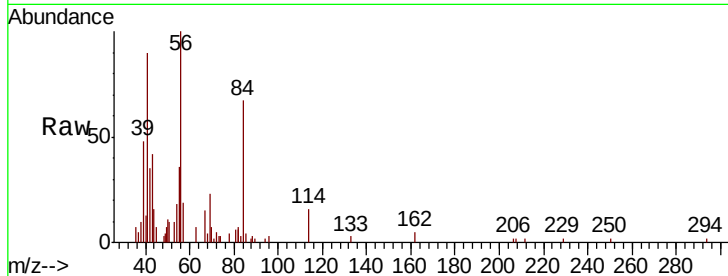
Tgt Ion: 83 Resp: 3798176
Ion Ratio Lower Upper
83 100
85 66.8 52.8 79.2





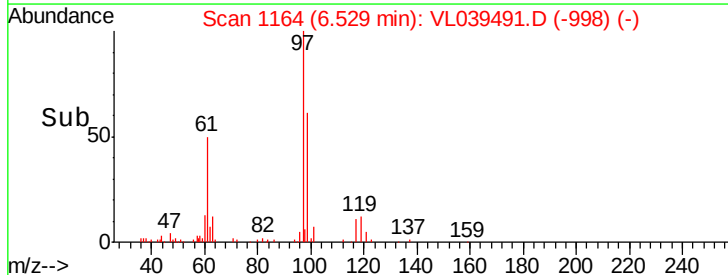
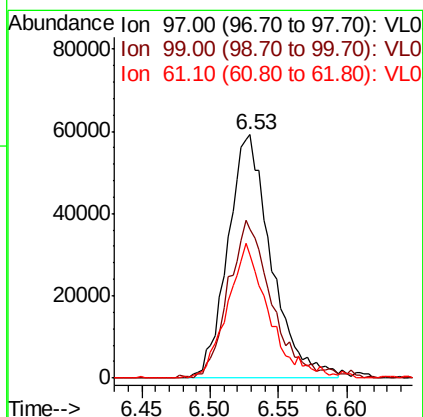
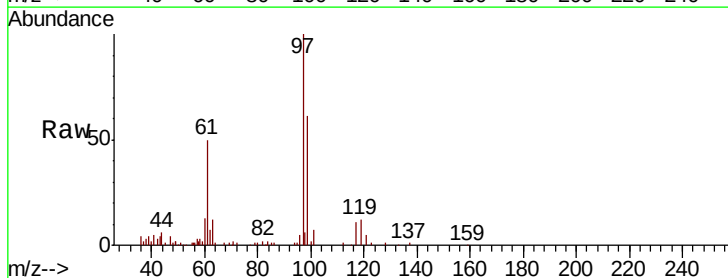
#30
Cvclohexane
Concen: 0.078 ppbv
RT: 7.15
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 19 Jul 2022 21:15

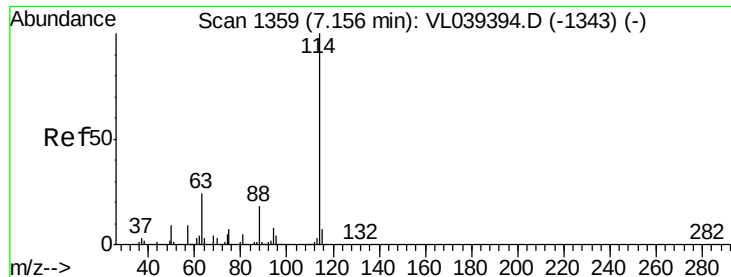
Tot Ion	84	Resp	8913
Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	0.0	67.7	101.5#



#32
1,1,1-Trichloroethane
Concen: 0.604 ppbv
RT: 6.53 min Scan# 1164
Delta R.T. 0.04 min
Lab File: VL039491.D
Acq: 19 Jul 2022 21:15

Tgt Ion	97	Resp	130763
Ion	Ratio	Lower	Upper
97	100		
99	65.9	52.3	78.5
61	53.2	40.9	61.3

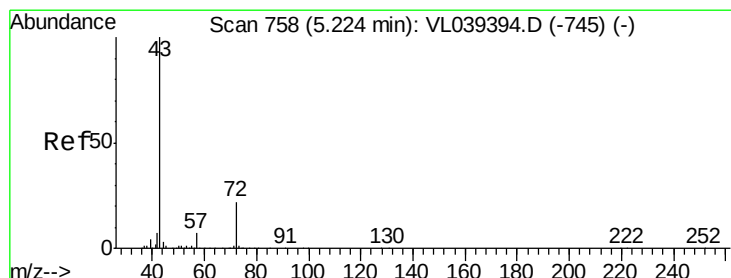
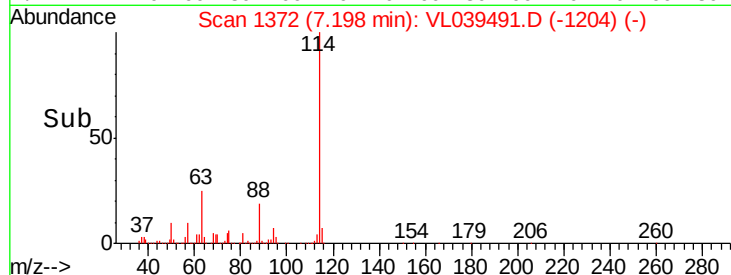
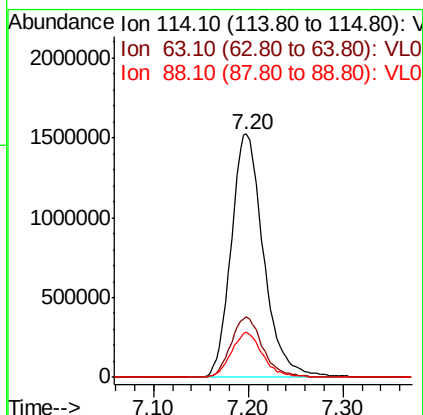
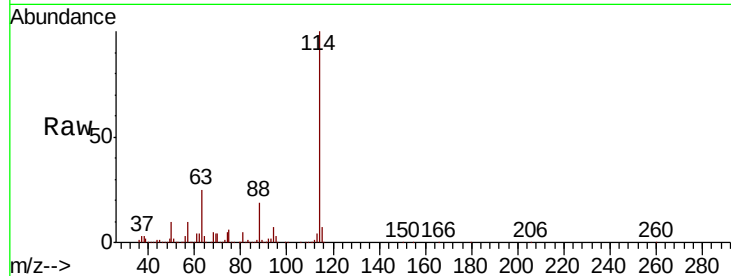




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV-4
 Acq: 19 Jul 2022 21:15

Tot Ion:114 Resp: 3626412

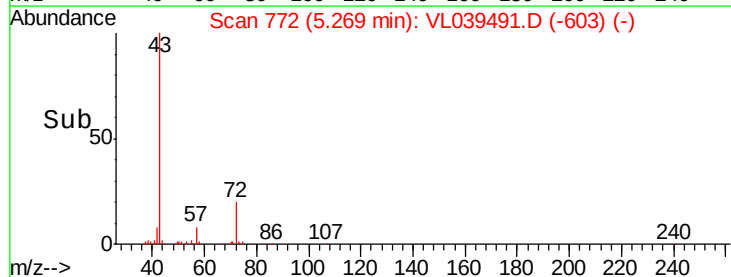
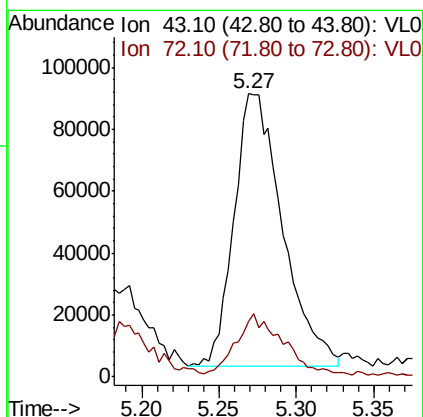
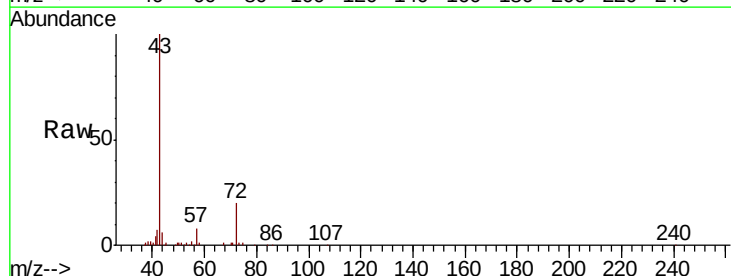
Ion	Ratio	Lower	Upper
114	100		
63	24.5	20.2	30.4
88	18.2	14.5	21.7

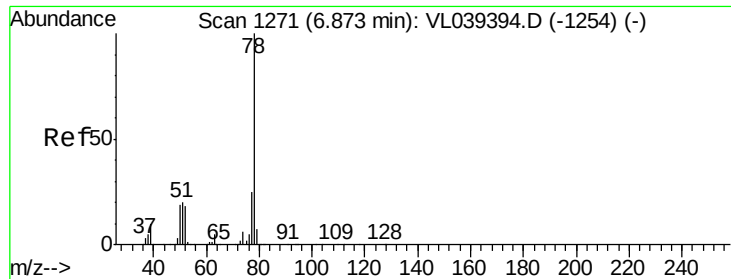


#34
 2-Butanone
 Concen: 1.052 ppbv
 RT: 5.27 min Scan# 772
 Delta R.T. 0.04 min
 Lab File: VL039491.D
 Acq: 19 Jul 2022 21:15

Tgt Ion: 43 Resp: 192055

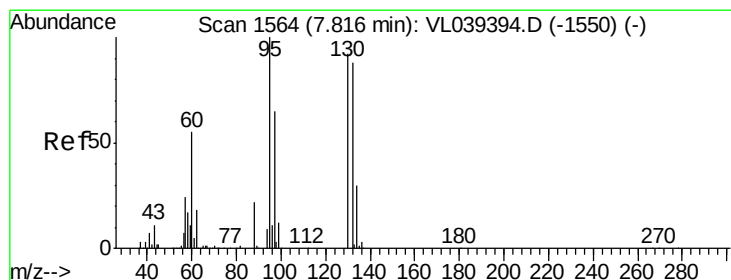
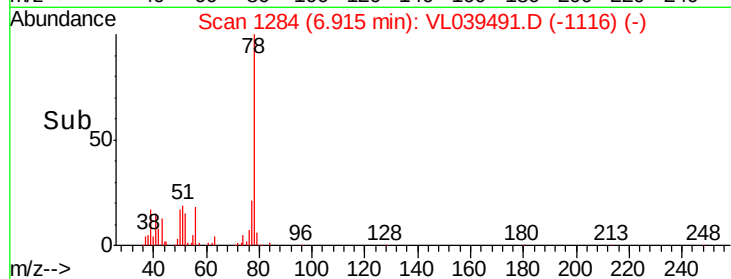
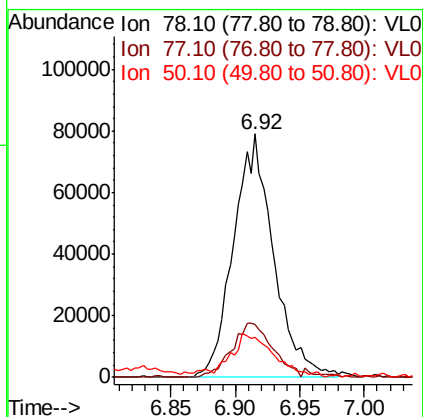
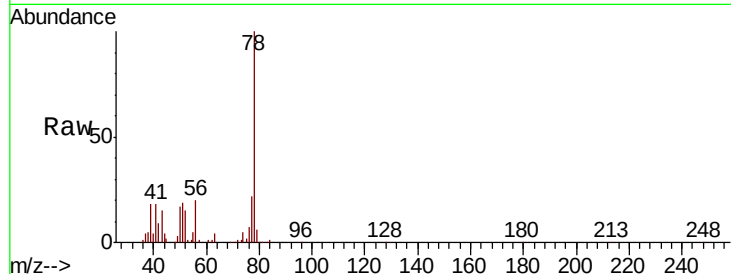
Ion	Ratio	Lower	Upper
43	100		
72	24.8	17.9	26.9





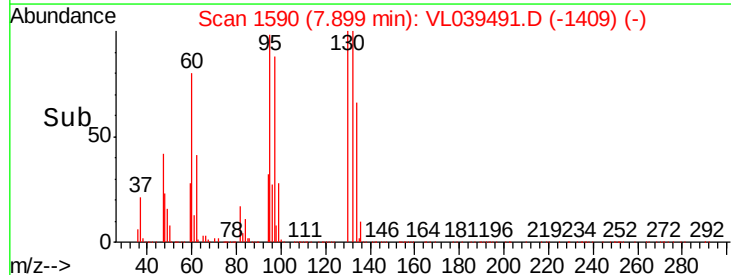
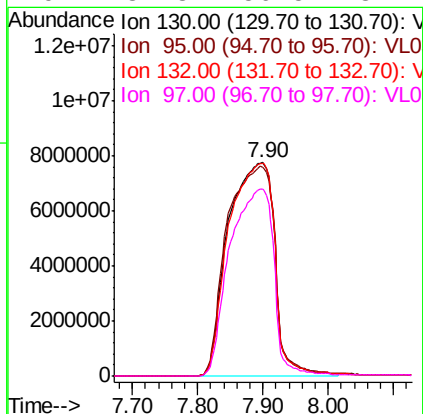
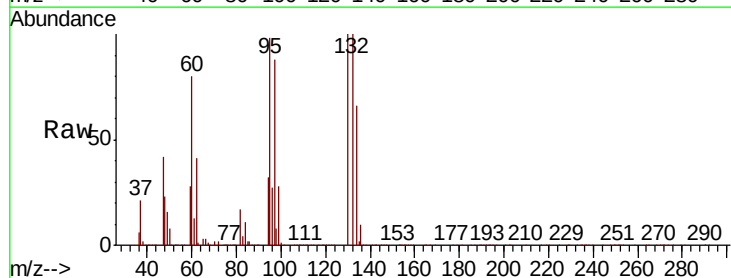
#36
Benzene
Concen: 0.608 ppbv
RT: 6.92
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 19 Jul 2022 21:15

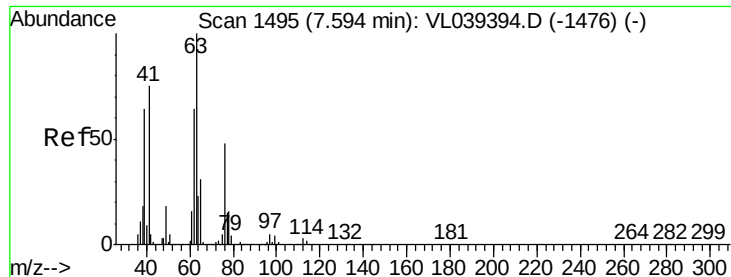
Tot Ion:	78	Resp:	170577
Ion	Ratio	Lower	Upper
78	100		
77	21.7	20.3	30.5
50	15.6	15.5	23.3



#38
Trichloroethene
Concen: 251.645 ppbv
RT: 7.90 min Scan# 1590
Delta R.T. 0.08 min
Lab File: VL039491.D
Acq: 19 Jul 2022 21:15

Tgt Ion:	130	Resp:	38200357
Ion	Ratio	Lower	Upper
130	100		
95	97.7	87.3	130.9
132	99.6	76.7	115.1
97	87.8	56.5	84.7#





#39

1,2-Dichloropropane

Concen: 2.368 ppbv

RT: 7.89 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Jul 2022 21:15 SV-4

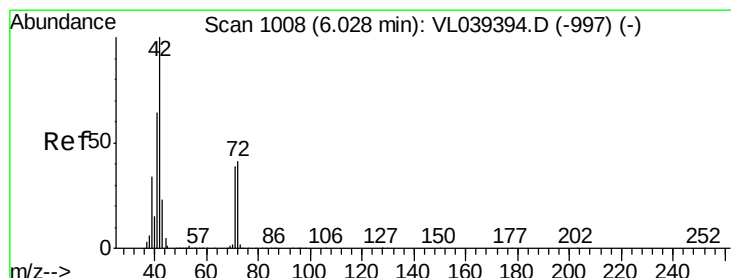
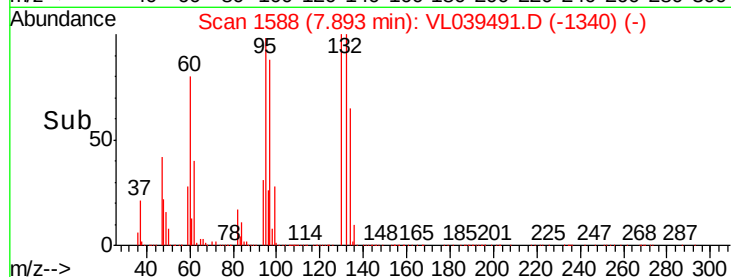
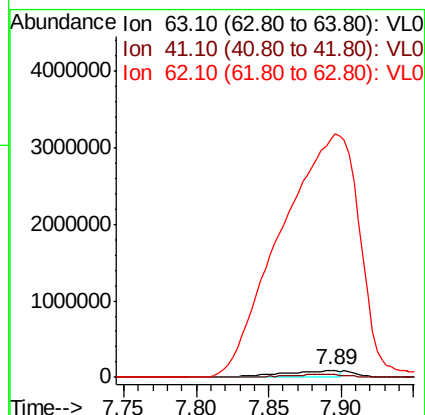
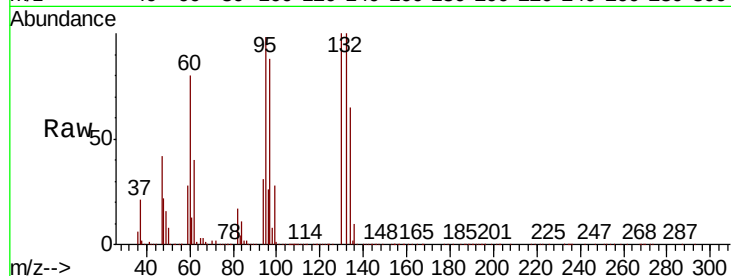
Tot Ion: 63 Resp: 248289

Ion Ratio Lower Upper

63 100

41 38.9 59.6 89.4#

62 3457.7 51.4 77.0#



#41

Tetrahydrofuran

Concen: 6.527 ppbv

RT: 5.70 min Scan# 905

Delta R.T. -0.33 min

Lab File: VL039491.D

Acq: 19 Jul 2022 21:15

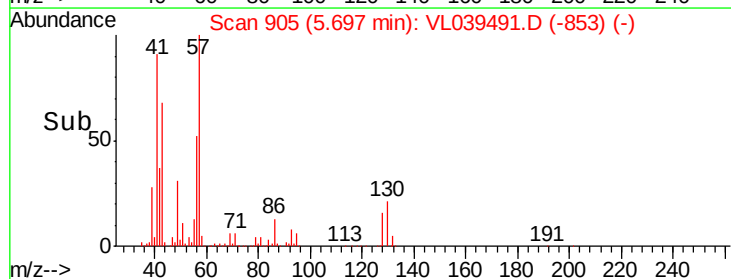
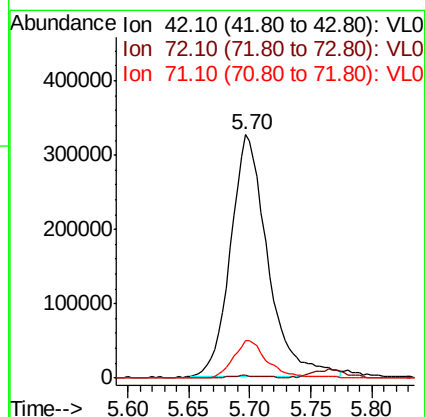
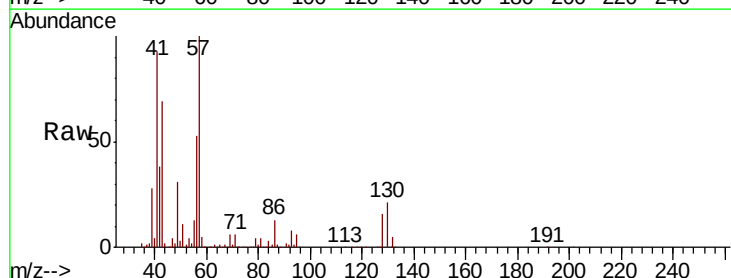
Tgt Ion: 42 Resp: 690470

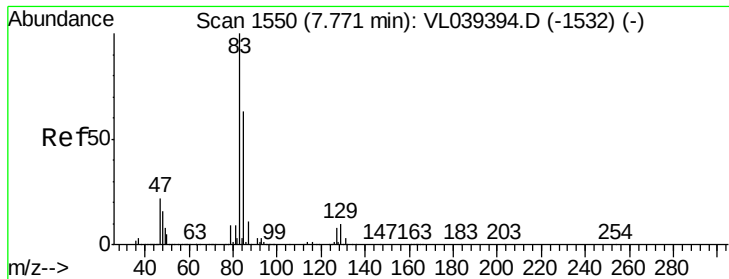
Ion Ratio Lower Upper

42 100

72 0.9 31.8 47.8#

71 14.8 31.8 47.8#





#42

Bromodichloromethane

Concen: 4.713 ppbv

RT: 7.90 Instrument:

Delta R.T. MSVOA_L

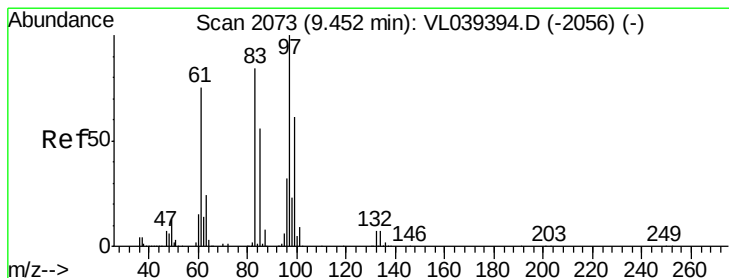
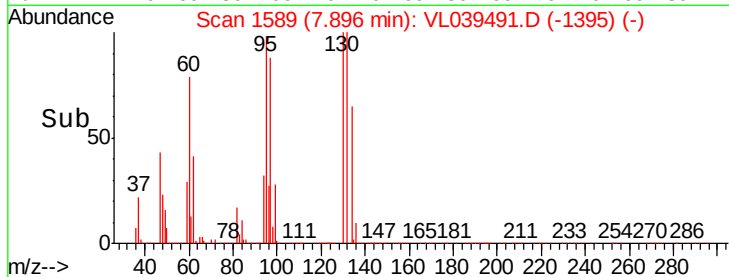
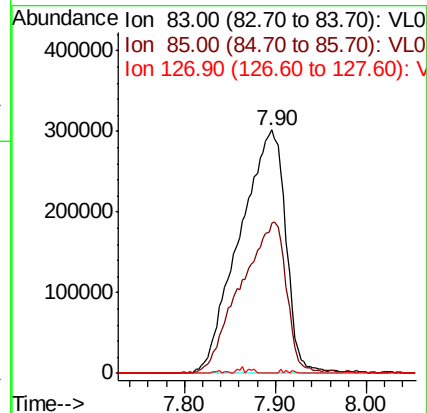
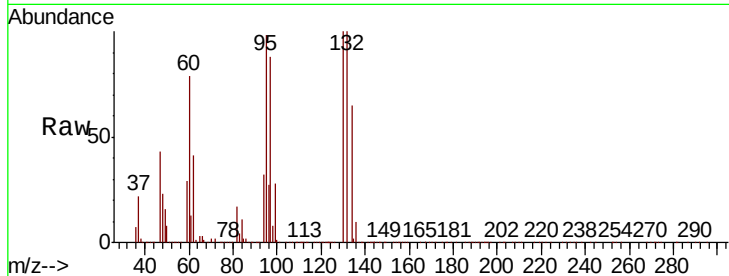
Lab File: ClientSampleId:

Acq: 19 Jul 2022 21:15 SV-4

Tot Ion: 83 Resp: 1052679

Ion Ratio Lower Upper

83	100		
85	61.4	50.7	76.1
127	0.0	6.6	9.8#



#47

1,1,2-Trichloroethane

Concen: 0.104 ppbv

RT: 9.50 min Scan# 2088

Delta R.T. 0.05 min

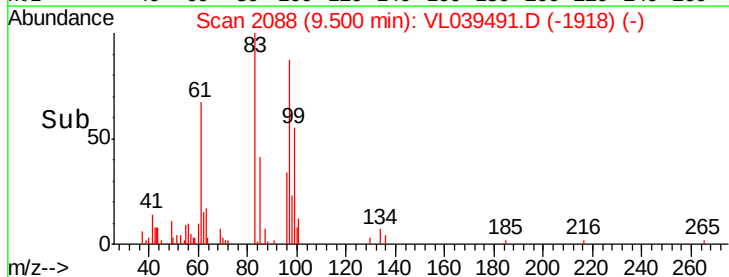
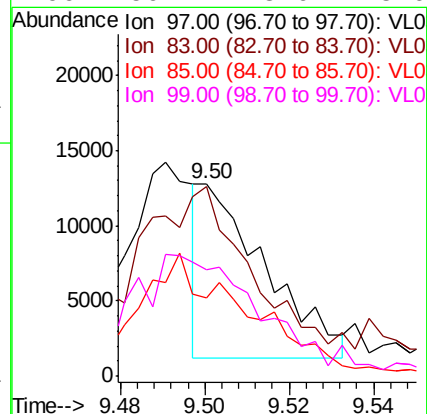
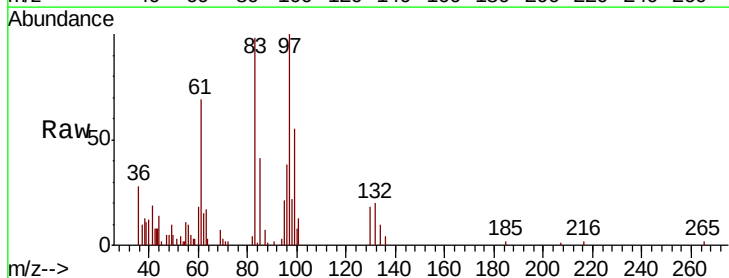
Lab File: VL039491.D

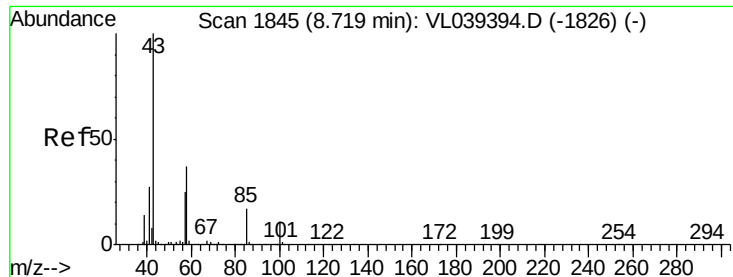
Acq: 19 Jul 2022 21:15

Tgt Ion: 97 Resp: 12282

Ion Ratio Lower Upper

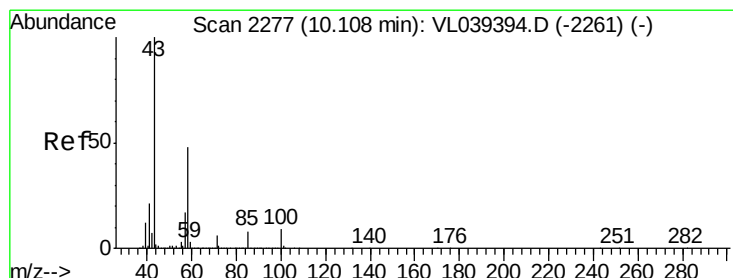
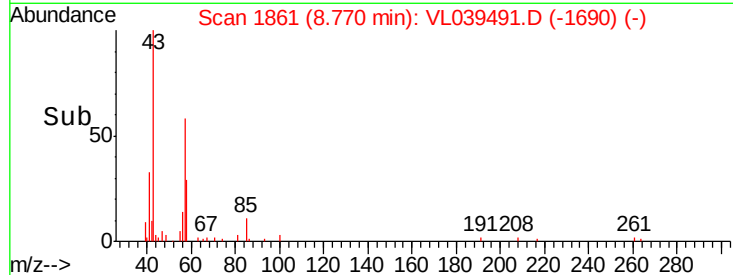
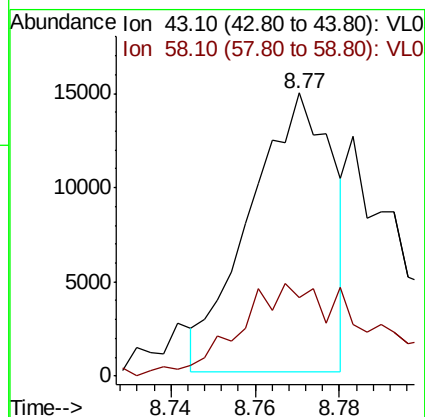
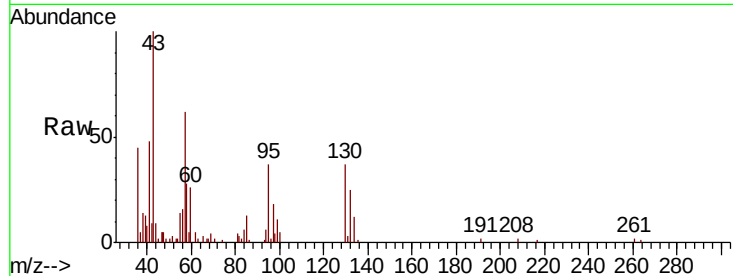
97	100		
83	96.2	67.4	101.0
85	44.7	45.1	67.7#
99	50.4	48.6	73.0





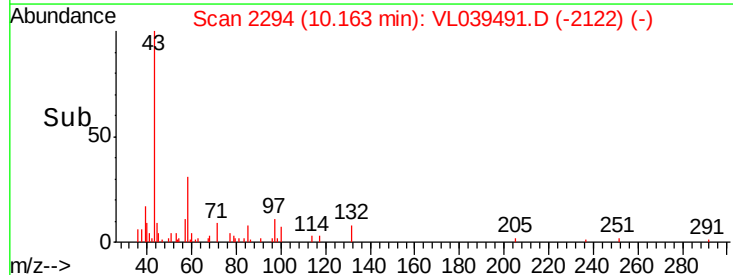
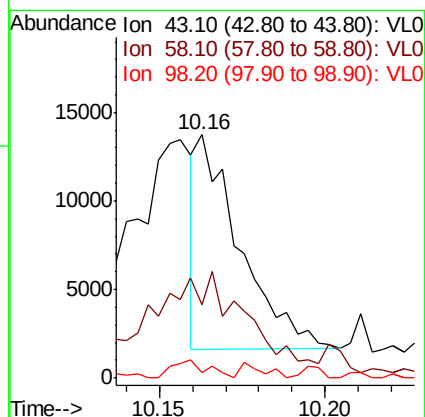
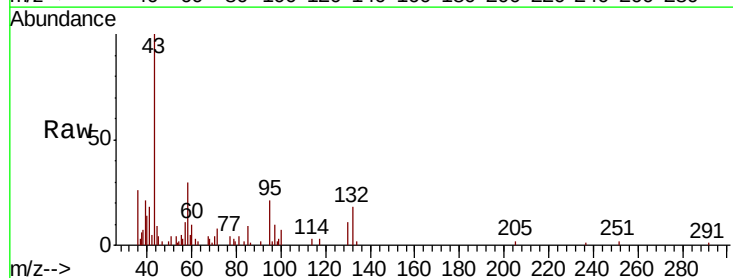
#50
 4-Methyl-2-Pentanone
 Concen: 0.073 ppbv
 RT: 8.77
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV-4
 Acq: 19 Jul 2022 21:15

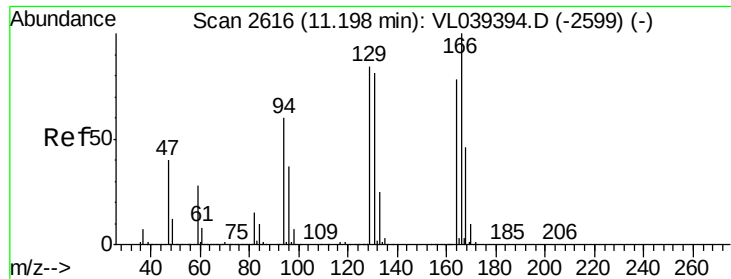
Tot Ion: 43 Resp: 20153
 Ion Ratio Lower Upper
 43 100
 58 59.8 28.8 43.2#



#51
 2-Hexanone
 Concen: 0.052 ppbv
 RT: 10.16 min Scan# 2294
 Delta R.T. 0.05 min
 Lab File: VL039491.D
 Acq: 19 Jul 2022 21:15

Tgt Ion: 43 Resp: 10847
 Ion Ratio Lower Upper
 43 100
 58 133.9 38.4 57.6#
 98 14.2 0.3 0.5#





#52

Tetrachloroethene

Concen: 9.785 ppbv

RT: 11.25

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Jul 2022 21:15

Tot Ion:164 Resp: 1105513

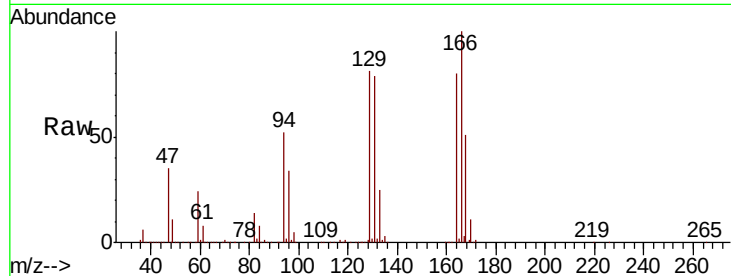
Ion Ratio Lower Upper

164 100

166 125.6 102.2 153.2

129 102.1 85.8 128.8

131 98.9 83.3 124.9

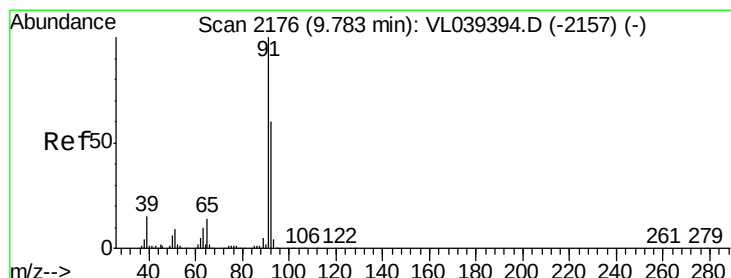
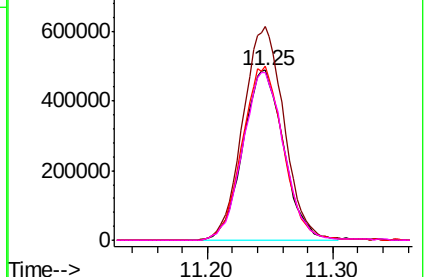
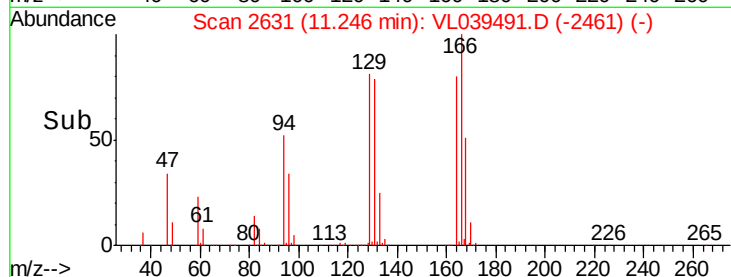


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.365 ppbv

RT: 9.83 min Scan# 2190

Delta R.T. 0.04 min

Lab File: VL039491.D

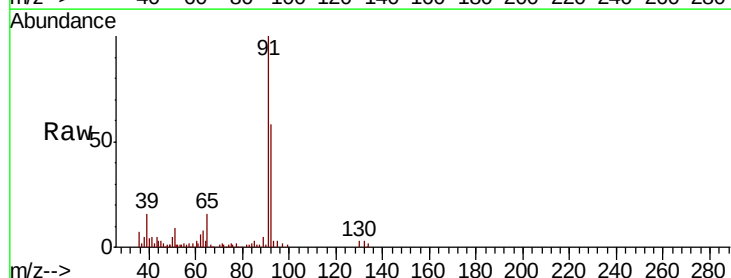
Acq: 19 Jul 2022 21:15

Tgt Ion: 91 Resp: 118305

Ion Ratio Lower Upper

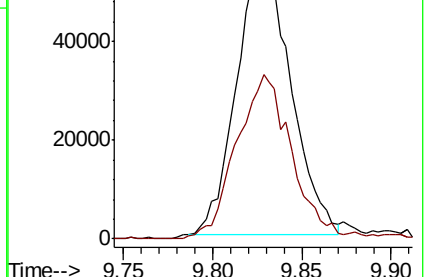
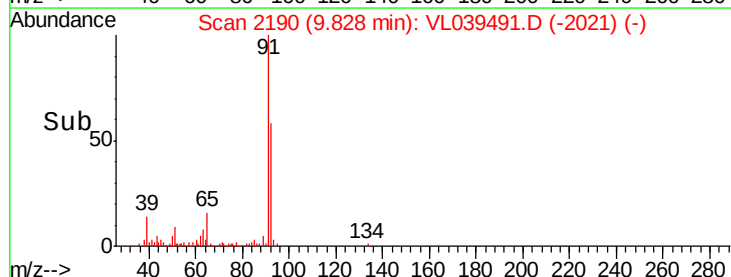
91 100

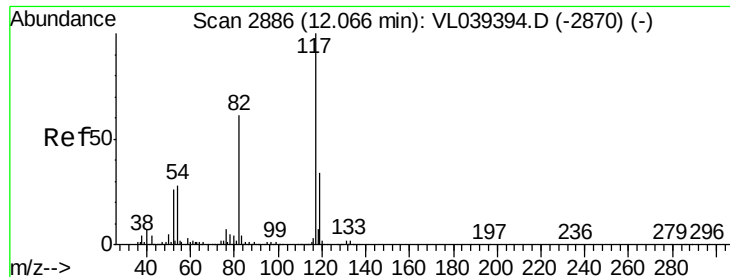
92 62.5 48.2 72.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

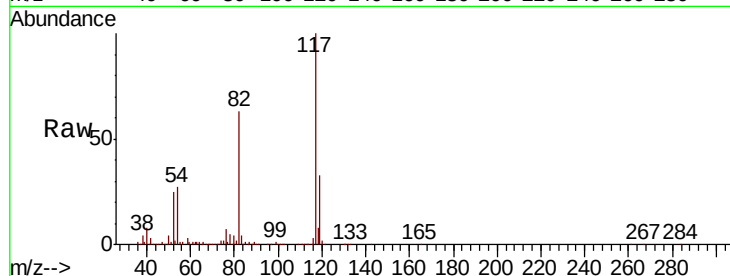
Ion 92.10 (91.80 to 92.80): VL0



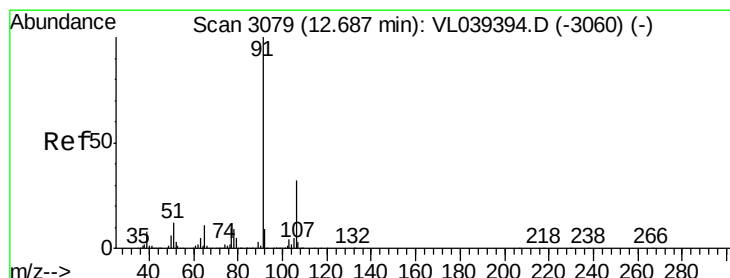
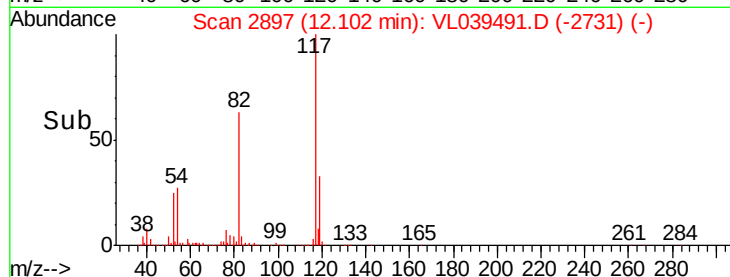
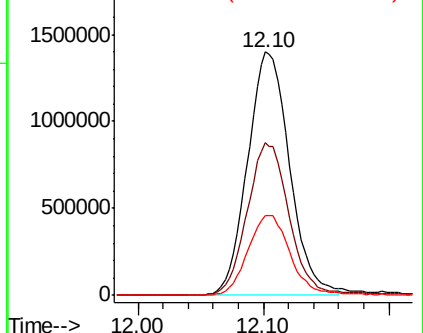


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
SV-4
Acq: 19 Jul 2022 21:15

Tot Ion: 117 Resp: 3263177
Ion Ratio Lower Upper
117 100
82 63.8 50.8 76.2
119 33.9 24.1 36.1

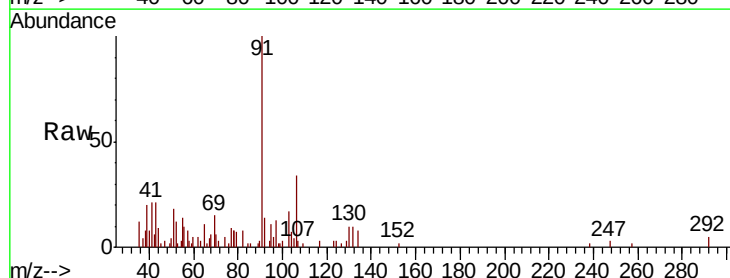


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

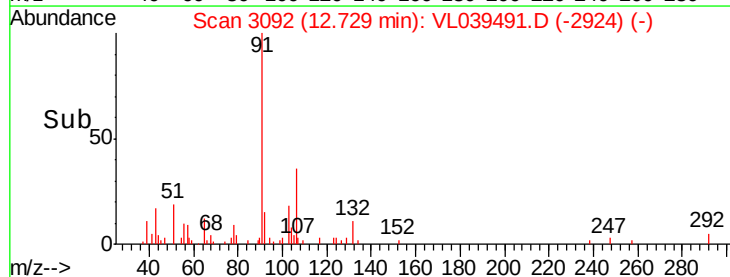
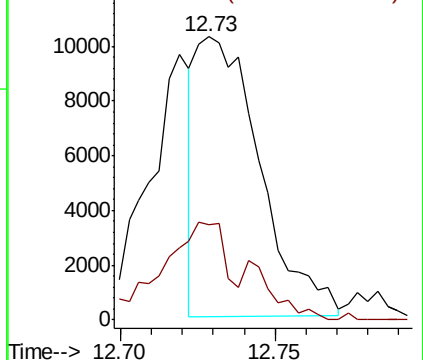


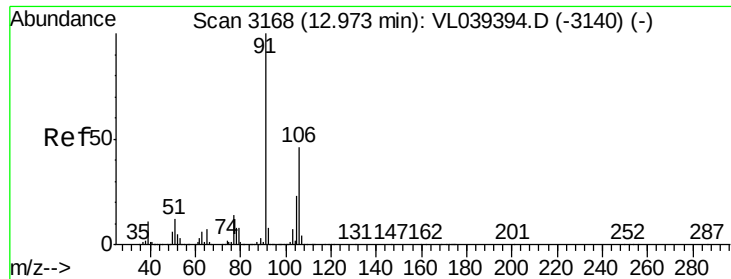
#58
Ethyl Benzene
Concen: 0.035 ppbv
RT: 12.73 min Scan# 3092
Delta R.T. 0.04 min
Lab File: VL039491.D
Acq: 19 Jul 2022 21:15

Tgt Ion: 91 Resp: 14556
Ion Ratio Lower Upper
91 100
106 33.1 25.4 38.0



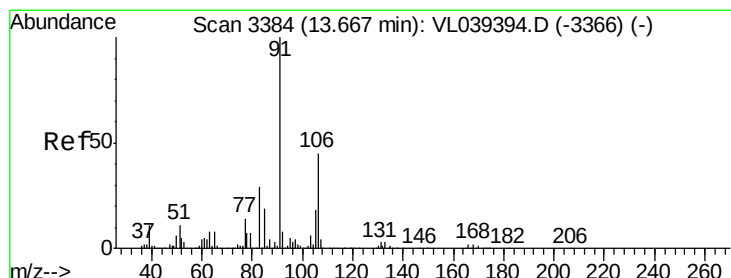
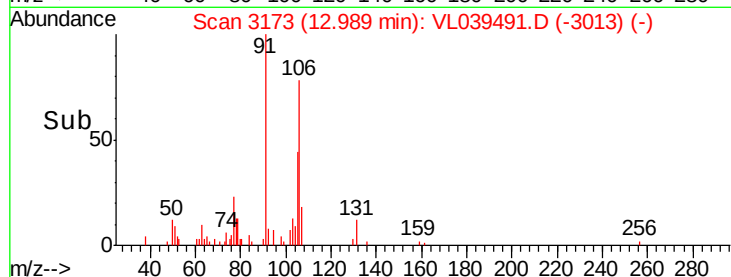
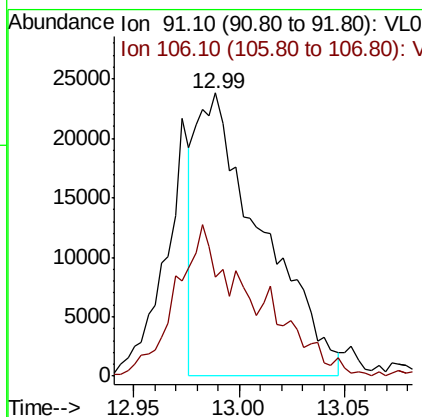
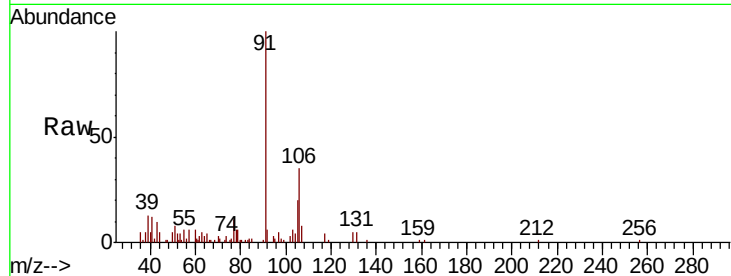
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





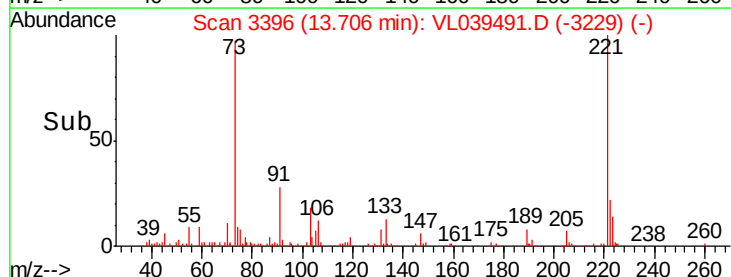
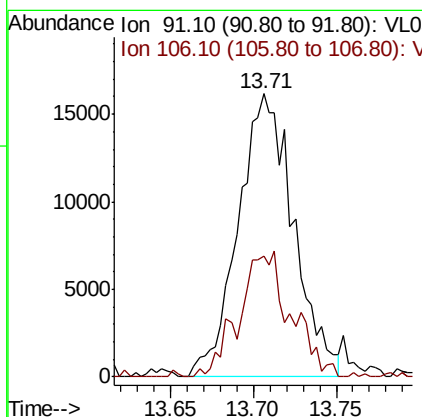
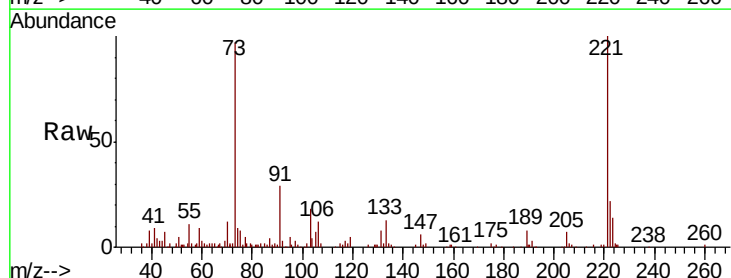
#59
m/p-Xylene
Concen: 0.139 ppbv
RT: 12.99 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SV-4
Acq: 19 Jul 2022 21:15

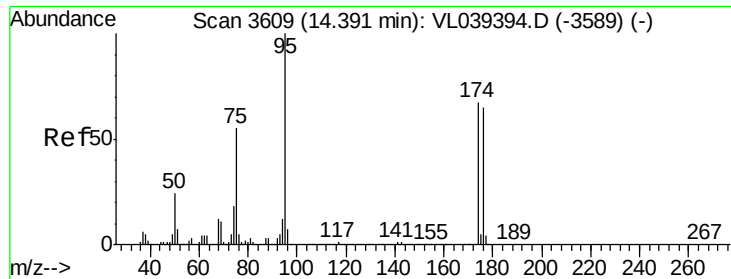
Tot Ion: 91 Resp: 51643
Ion Ratio Lower Upper
91 100
106 64.3 35.4 53.2#



#60
o-Xylene
Concen: 0.107 ppbv
RT: 13.71 min Scan# 3396
Delta R.T.: 0.04 min
Lab File: VL039491.D
Acq: 19 Jul 2022 21:15

Tgt Ion: 91 Resp: 37519
Ion Ratio Lower Upper
91 100
106 42.0 22.4 67.3





#68

1-Bromo-4-Fluorobenzene

Concen: 9.916 ppbv

RT: 14.43

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Jul 2022 21:15

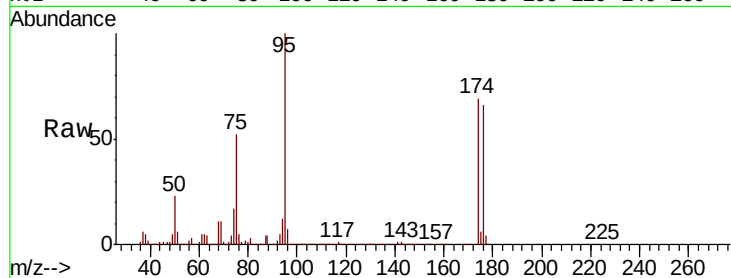
Tot Ion: 95 Resp: 2400405

Ion Ratio Lower Upper

95 100

174 75.2 55.9 83.9

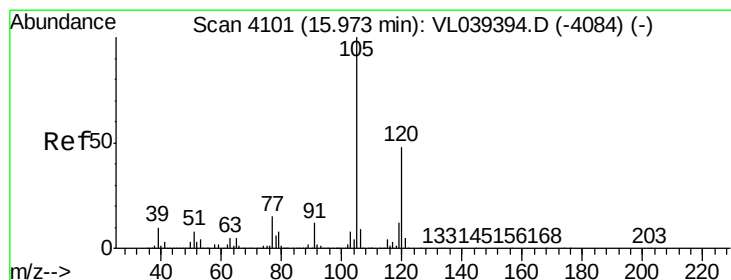
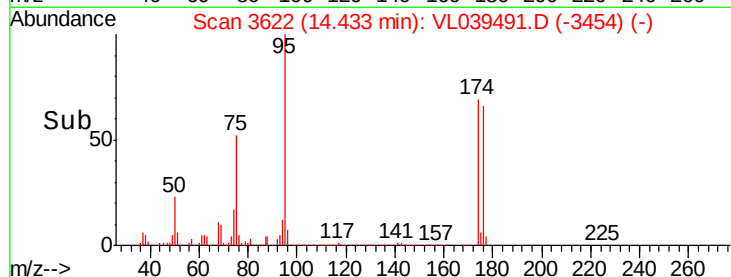
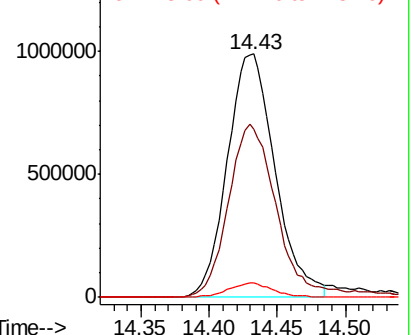
175 5.9 4.2 6.4



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



#73

1,3,5-Trimethylbenzene

Concen: 0.044 ppbv

RT: 16.01 min Scan# 4113

Delta R.T. 0.04 min

Lab File: VL039491.D

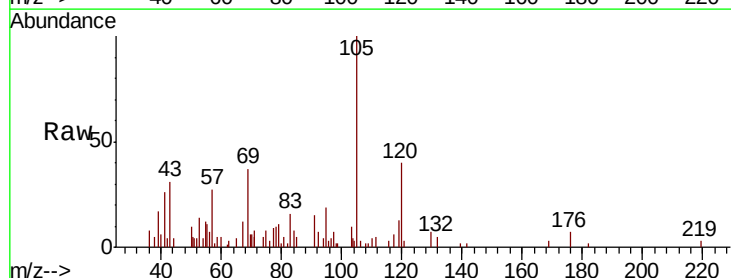
Acq: 19 Jul 2022 21:15

Tgt Ion:105 Resp: 16538

Ion Ratio Lower Upper

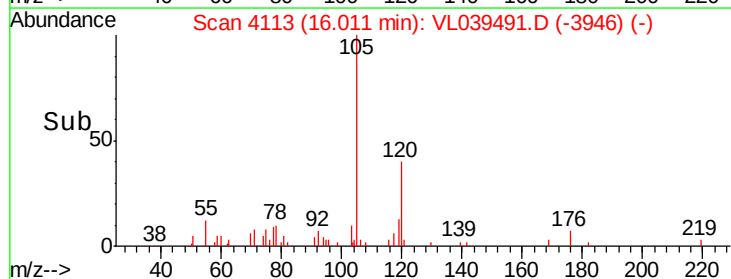
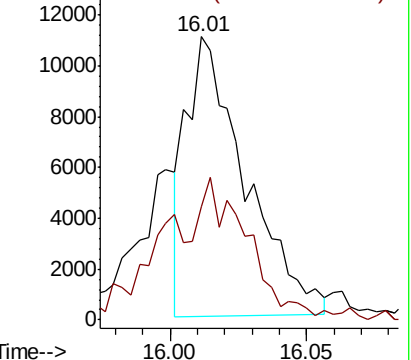
105 100

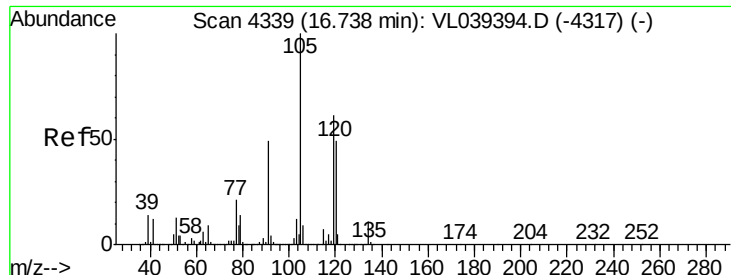
120 43.1 38.2 57.4



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: 0.113 ppbv

RT: 16.78 Instrument:

Delta R.T MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Jul 2022 21:15 SV-4

Tot Ion:105 Resp: 47374

Ion Ratio Lower Upper

105 100

120 34.4 39.5 59.3#

91 10.8 39.2 58.8#

77 7.7 17.2 25.8#

