

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039394.D
 Acq On : 29 Jun 2022 11:46
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Jun 29 15:28:09 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1303677	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3638913	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.07	117	4228852	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2597779	7.43	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	74.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.04	85	1586907	6.93	ppbv	100
3) Chlorodifluoromethane	2.98	51	1459802	8.80	ppbv	98
4) Chloromethane	3.13	50	817524	9.59	ppbv	99
5) Vinyl Chloride	3.25	62	749568	9.41	ppbv	99
6) Bromomethane	3.46	94	343959	8.78	ppbv	97
7) Chloroethane	3.55	64	289003	10.41	ppbv	97
8) Dichlorotetrafluoroethane	3.18	85	1852487	8.85	ppbv	94
9) Propene	3.00	41	647535	8.95	ppbv	100
10) Heptane	8.10	43	1696583	10.06	ppbv	98
11) Trichlorofluoromethane	3.94	101	1885878	9.10	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1418507	10.35	ppbv	99
13) Ethanol	3.59	45	25546	6.48	ppbv #	100
14) Bromoethene	3.73	108	605606	9.83	ppbv	98
15) Acetone	3.84	43	1395908	10.28	ppbv	97
16) 1,3-Butadiene	3.32	39	745366	10.21	ppbv	97
17) tert-Butyl alcohol	4.27	59	1321304	12.54	ppbv	99
18) 1,1-Dichloroethene	4.28	96	648628	10.55	ppbv	89
19) Isopropyl Alcohol	3.95	45	782593	12.29	ppbv #	95
20) Methylene Chloride	4.33	84	527860	9.22	ppbv	92
21) Allyl Chloride	4.40	41	982146	10.72	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	660347	11.16	ppbv	97
23) Vinyl Acetate	5.06	43	989958	8.81	ppbv	98
24) 1,1-Dichloroethane	5.00	63	1303371	8.47	ppbv	99
25) Ethyl Acetate	5.66	43	2986472	9.76	ppbv	99
26) Hexane	5.67	57	1275940	9.49	ppbv	96
27) Carbon Disulfide	4.54	76	1527646	10.96	ppbv	100
28) Methyl tert-Butyl Ether	5.02	73	1168979	7.87	ppbv	97
29) Chloroform	5.74	83	2037174	9.00	ppbv	99
30) Cyclohexane	7.11	84	1109235	9.82	ppbv	98
31) cis-1,2-Dichloroethene	5.53	61	1276298	9.31	ppbv	94
32) 1,1,1-Trichloroethane	6.49	97	2044834	9.23	ppbv	99
34) 2-Butanone	5.22	43	1802183	9.12	ppbv	99
35) Carbon Tetrachloride	7.00	117	2194570	8.26	ppbv	96
36) Benzene	6.87	78	2669222	9.04	ppbv	97
37) 1,2-Dichloroethane	6.29	62	1557543	8.01	ppbv	97
38) Trichloroethene	7.82	130	1422546	10.48	ppbv	95
39) 1,2-Dichloropropane	7.59	63	1001808	8.53	ppbv	98
40) 1,4-Dioxane	7.81	88	410507	10.61	ppbv	68
41) Tetrahydrofuran	6.03	42	1051825	8.85	ppbv	99
42) Bromodichloromethane	7.77	83	2197854	8.15	ppbv	99
43) Methyl Methacrylate	8.00	69	1089547	9.47	ppbv	98

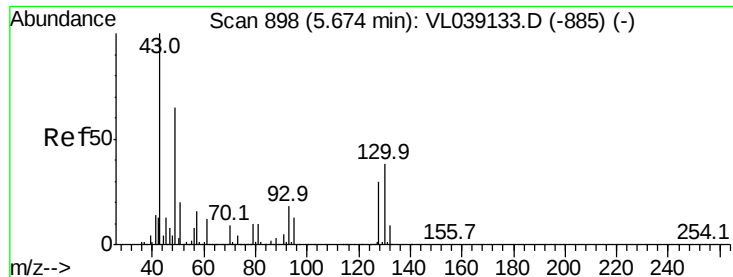
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039394.D
 Acq On : 29 Jun 2022 11:46
 Operator : SY/AP
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 ClientSampleId :
 VSTDICCC010

Quant Time: Jun 29 15:28:09 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	4493506	8.69	ppbv	98
45) t-1,3-Dichloropropene	9.26	75	1140135	9.51	ppbv	100
46) cis-1,3-Dichloropropene	8.68	75	1472124	9.30	ppbv	97
47) 1,1,2-Trichloroethane	9.45	97	1128697	9.21	ppbv	97
48) Dibromochloromethane	10.28	129	1982300	9.06	ppbv	99
49) Bromoform	13.01	173	1670036	9.15	ppbv	99
50) 4-Methyl-2-Pentanone	8.72	43	2809343	9.49	ppbv	100
51) 2-Hexanone	10.11	43	2228599	9.68	ppbv #	97
52) Tetrachloroethene	11.20	164	1050619	9.11	ppbv	96
53) Toluene	9.78	91	3246933	9.54	ppbv	100
54) 1,2-Dibromoethane	10.59	107	1515893	9.20	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.10	131	1445923	7.23	ppbv	95
57) Chlorobenzene	12.12	112	2489160	7.82	ppbv	93
58) Ethyl Benzene	12.69	91	4378135	7.52	ppbv	97
59) m/p-Xylene	12.97	91	3529284	6.88	ppbv #	19
60) o-Xylene	13.67	91	3607840	7.49	ppbv	100
61) Styrene	13.50	104	2180386	8.45	ppbv	95
62) Isopropylbenzene	14.64	105	5315427	7.42	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.65	83	1690076	6.25	ppbv	99
64) n-propylbenzene	15.54	120	1410080	8.01	ppbv	90
65) tert-Butylbenzene	16.72	119	4872943	7.44	ppbv	96
66) Benzyl Chloride	16.96	91	618627	7.26	ppbv	99
67) sec-Butylbenzene	17.27	105	6701472	7.50	ppbv	99
69) p-Isopropyltoluene	17.63	119	5777995	7.66	ppbv	98
70) n-Butylbenzene	18.52	91	5686417	7.35	ppbv	99
71) 2-Chlorotoluene	15.43	91	3921670	7.18	ppbv	96
72) 4-Ethyltoluene	15.82	105	4328618	7.66	ppbv	99
73) 1,3,5-Trimethylbenzene	15.97	105	3963054	7.78	ppbv	97
74) 1,2,4-Trimethylbenzene	16.74	105	4299659	7.56	ppbv	92
75) 1,3-Dichlorobenzene	16.97	146	2581768	8.02	ppbv	99
76) 1,4-Dichlorobenzene	17.11	146	2485210	7.74	ppbv	99
77) 1,2-Dichlorobenzene	17.79	146	2525394	7.79	ppbv	99
78) Hexachloro-1,3-Butadiene	23.35	225	1798124	6.06	ppbv	99
79) Naphthalene	22.16	128	3556382	8.12	ppbv	99
80) Naphthalene,2-methyl-	24.94	142	1243369	7.65	ppbv	94
81) 1,2,4-Trichlorobenzene	21.89	180	2013588	7.26	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Jun 2022 11:48 VSTDICCC010

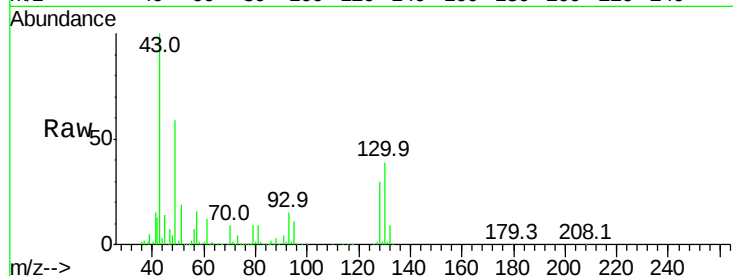
Tgt Ion: 49 Resp: 1303677

Ion Ratio Lower Upper

49 100

128 53.3 24.7 74.1

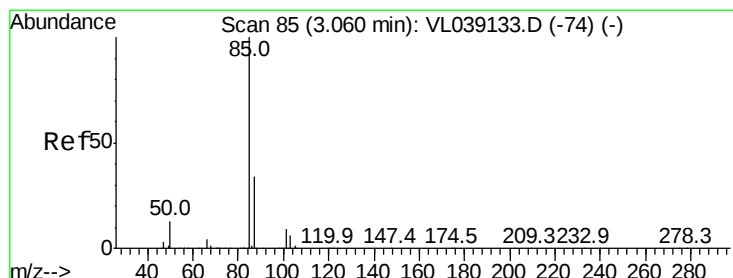
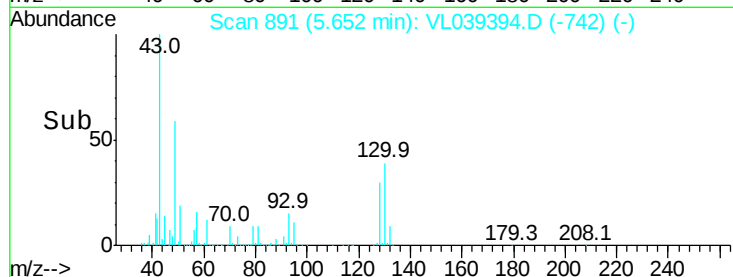
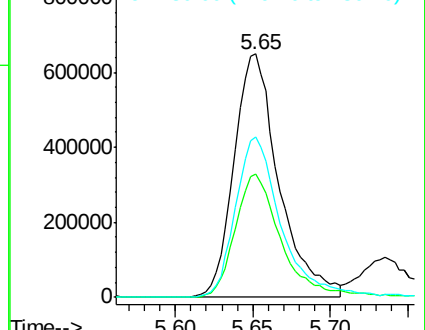
130 68.5 31.4 94.0



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: 6.93 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.02 min

Lab File: VL039394.D

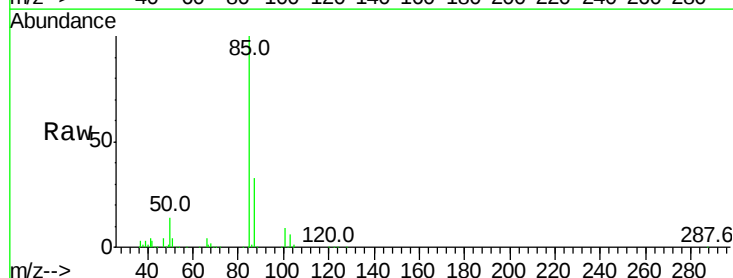
Acq: 29 Jun 2022 11:46

Tgt Ion: 85 Resp: 1586907

Ion Ratio Lower Upper

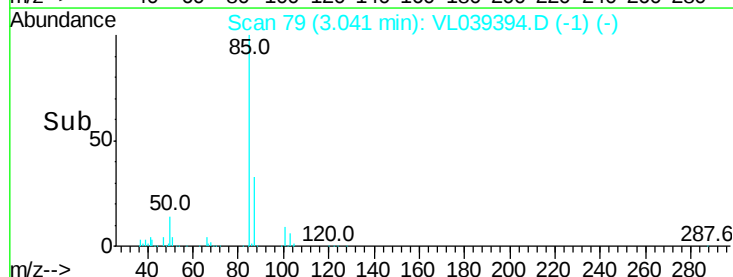
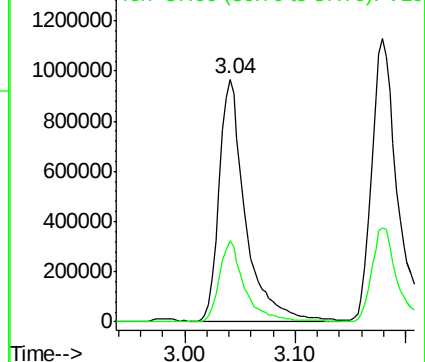
85 100

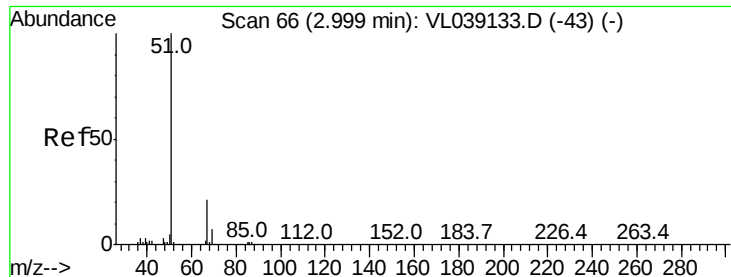
87 33.4 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

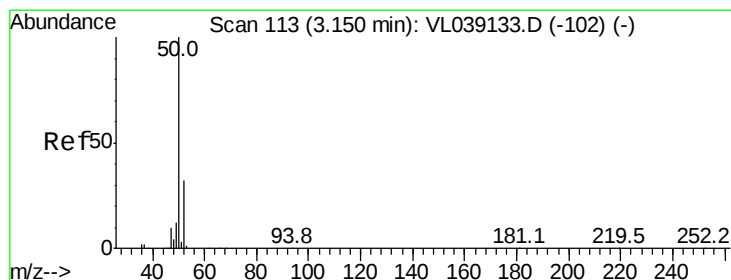
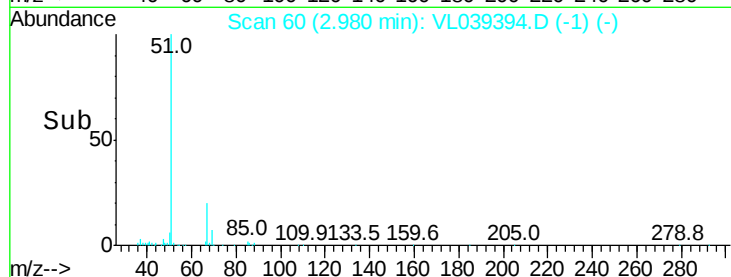
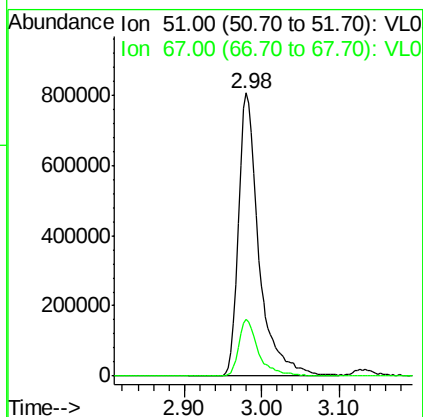
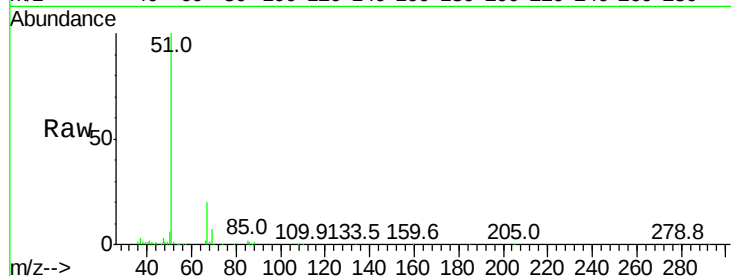
Ion 87.00 (86.70 to 87.70): VL0





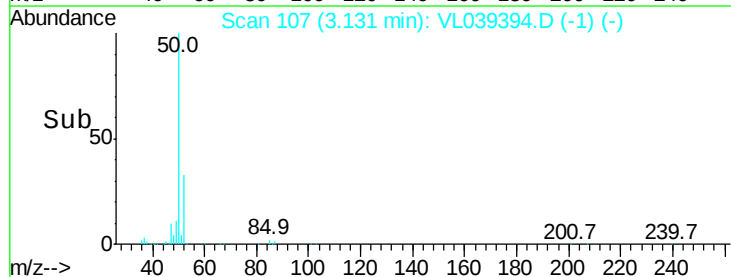
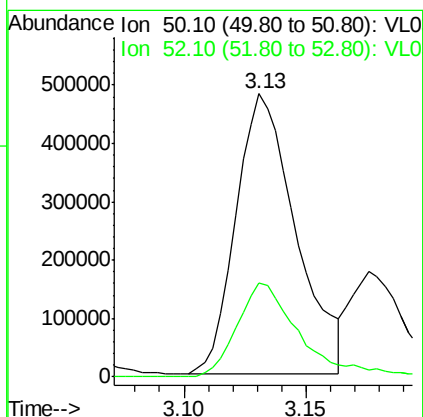
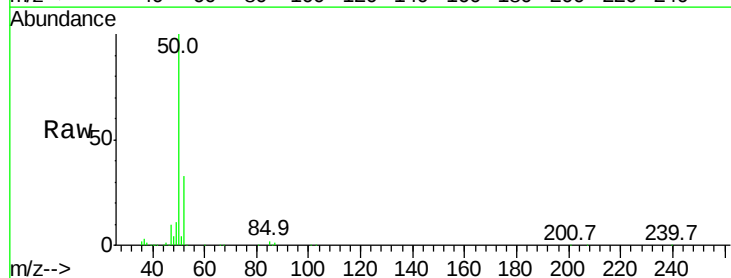
#3
 Chlorodifluoromethane
 Concen: 8.80 ppbv
 RT: 2.98
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 29 Jun 2022 11:48

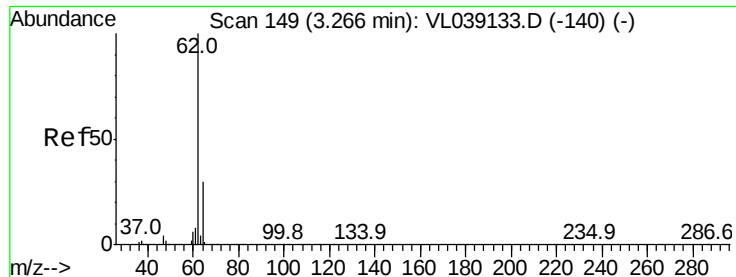
Tgt Ion: 51 Resp: 1459802
 Ion Ratio Lower Upper
 51 100
 67 19.6 16.2 24.4



#4
 Chloromethane
 Concen: 9.59 ppbv
 RT: 3.13 min Scan# 107
 Delta R.T. -0.02 min
 Lab File: VL039394.D
 Acq: 29 Jun 2022 11:46

Tgt Ion: 50 Resp: 817524
 Ion Ratio Lower Upper
 50 100
 52 33.1 25.9 38.9





#5

Vinyl Chloride

Concen: 9.41 ppbv

RT: 3.25 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

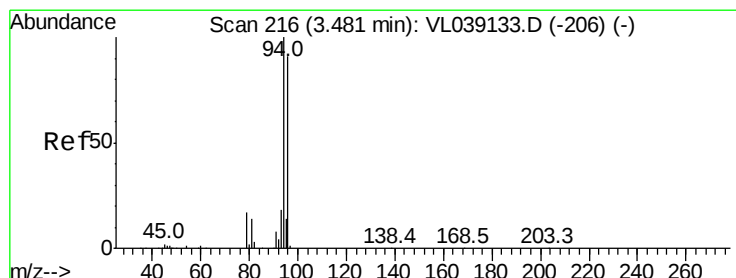
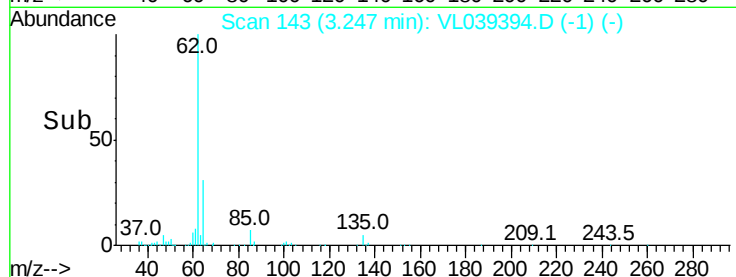
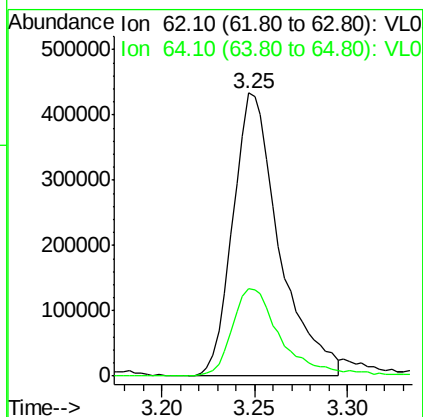
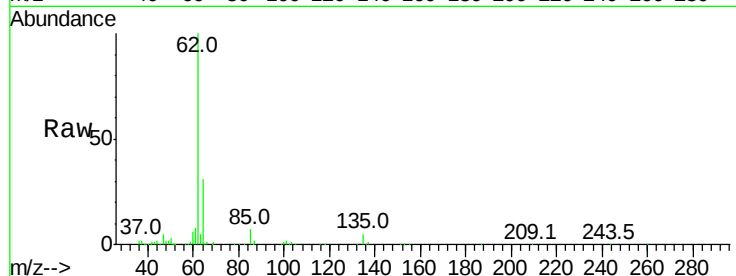
Acq: 29 Jun 2022 11:48 VSTDICCC010

Tgt Ion: 62 Resp: 749568

Ion Ratio Lower Upper

62 100

64 30.7 24.2 36.2



#6

Bromomethane

Concen: 8.78 ppbv

RT: 3.46 min Scan# 210

Delta R.T. -0.02 min

Lab File: VL039394.D

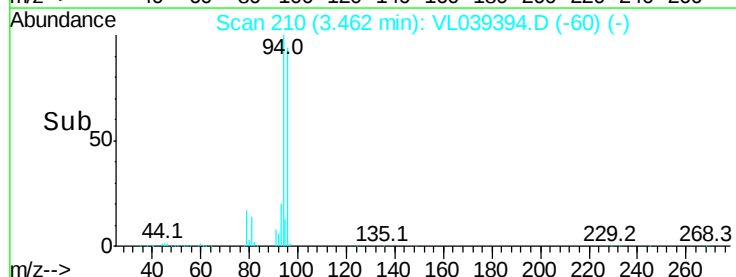
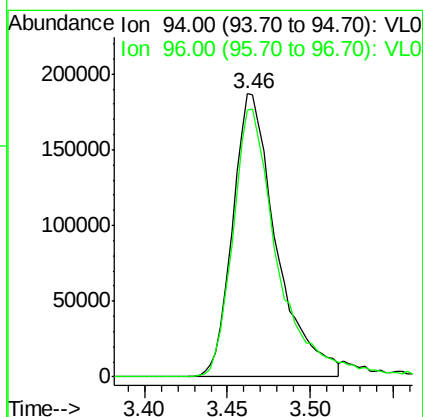
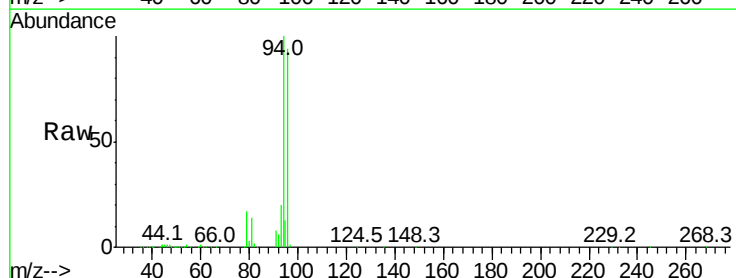
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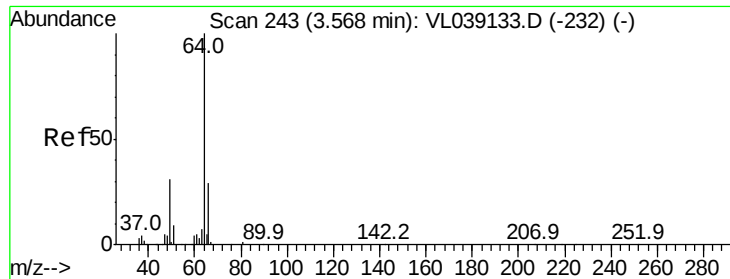
Tgt Ion: 94 Resp: 343959

Ion Ratio Lower Upper

94 100

96 94.5 73.0 109.4





#7

Chloroethane

Concen: 10.41 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

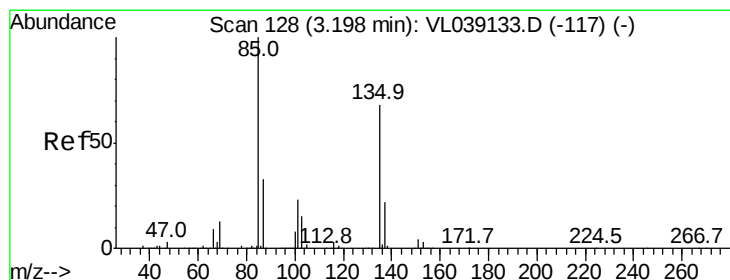
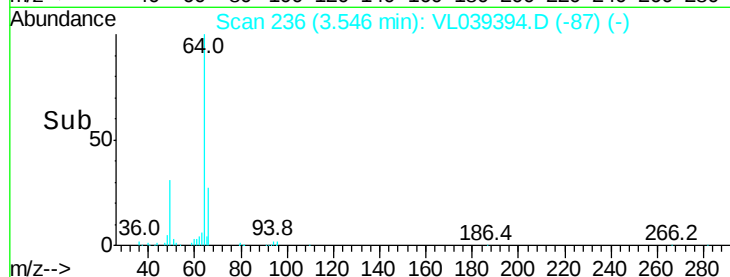
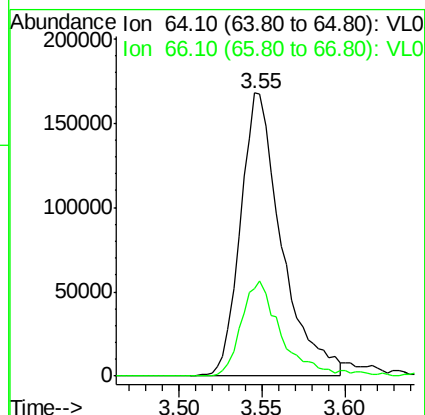
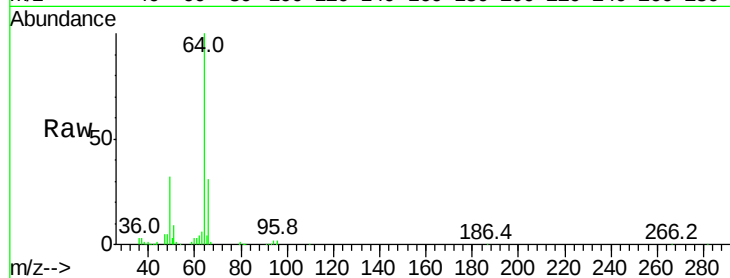
Acq: 29 Jun 2022 11:46 VSTDICCC010

Tgt Ion: 64 Resp: 289003

Ion Ratio Lower Upper

64 100

66 30.9 23.6 35.4



#8

Dichlorotetrafluoroethane

Concen: 8.85 ppbv

RT: 3.18 min Scan# 122

Delta R.T. -0.02 min

Lab File: VL039394.D

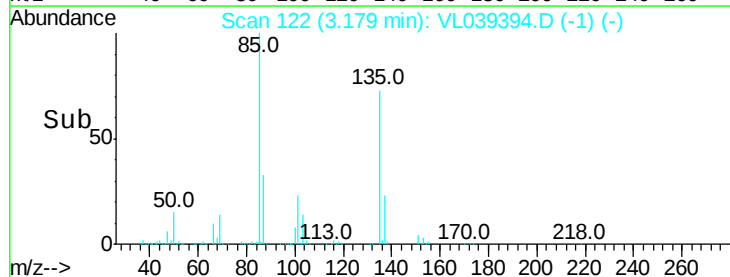
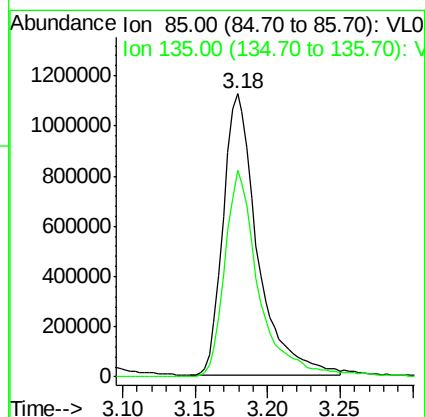
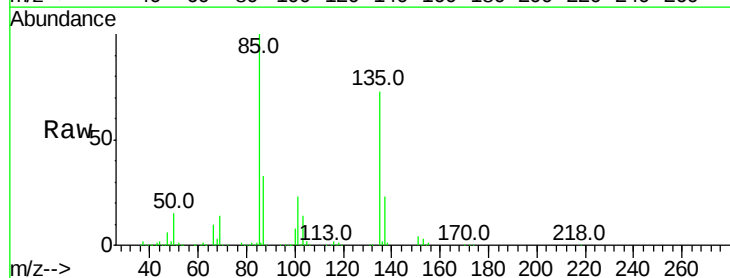
Acq: 29 Jun 2022 11:46

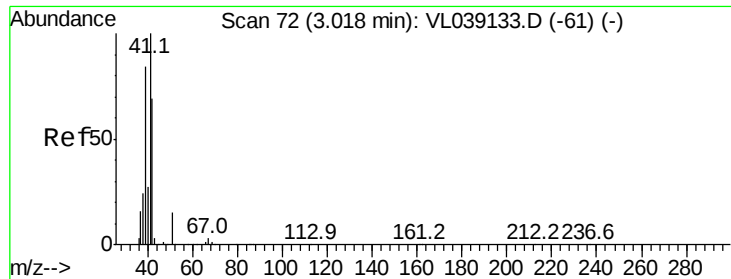
Tgt Ion: 85 Resp: 1852487

Ion Ratio Lower Upper

85 100

135 73.7 55.0 82.4





#9

Propene

Concen: 8.95 ppbv

RT: 3.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

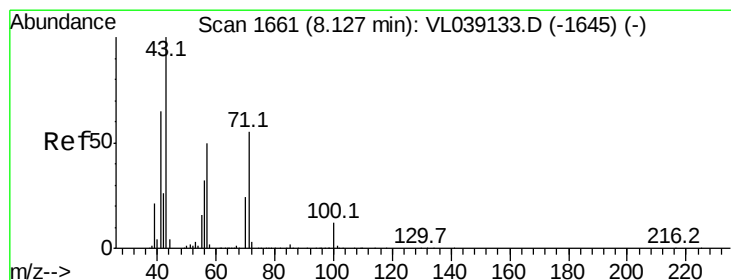
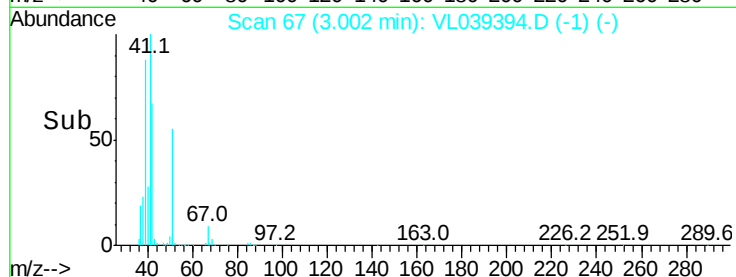
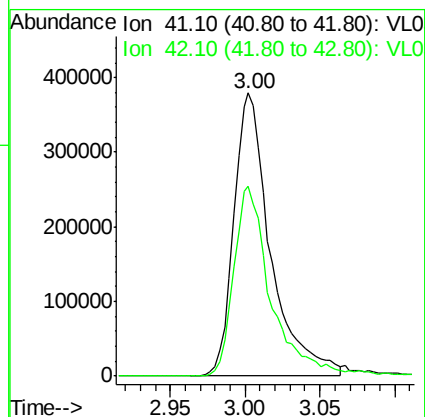
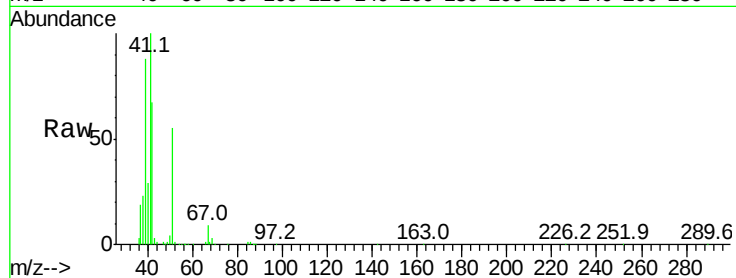
Acq: 29 Jun 2022 11:48

Tgt Ion: 41 Resp: 647535

Ion Ratio Lower Upper

41 100

42 69.0 55.4 83.2



#10

Heptane

Concen: 10.06 ppbv

RT: 8.10 min Scan# 1654

Delta R.T. -0.02 min

Lab File: VL039394.D

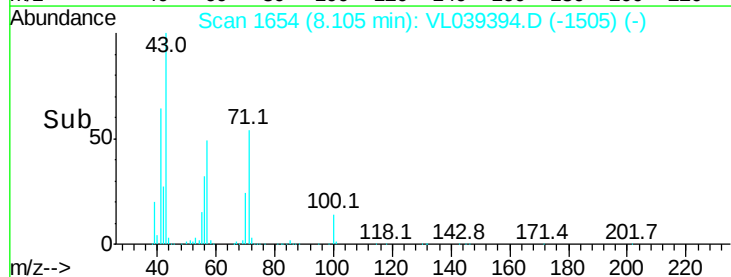
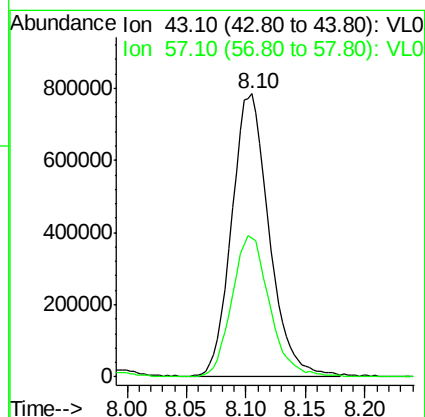
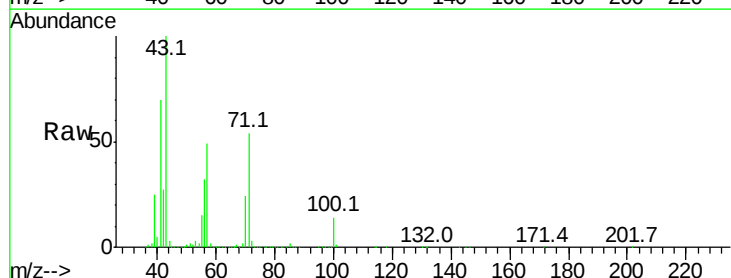
Acq: 29 Jun 2022 11:46

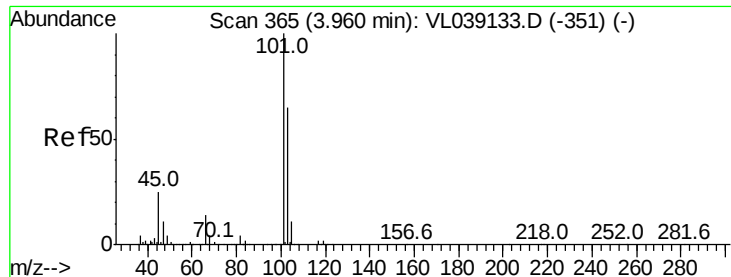
Tgt Ion: 43 Resp: 1696583

Ion Ratio Lower Upper

43 100

57 50.6 41.4 62.2





#11

Trichlorofluoromethane

Concen: 9.10 ppbv

RT: 3.94 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

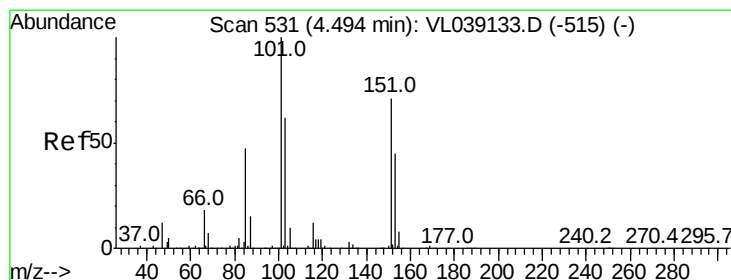
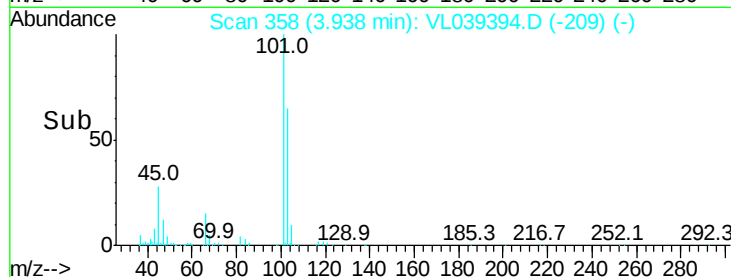
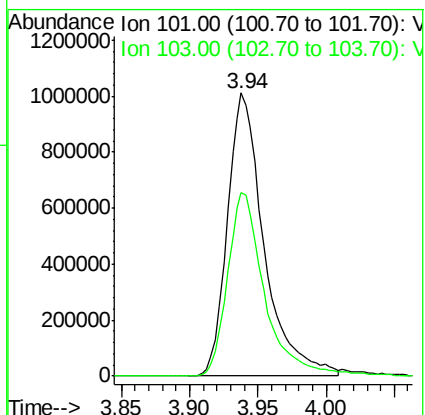
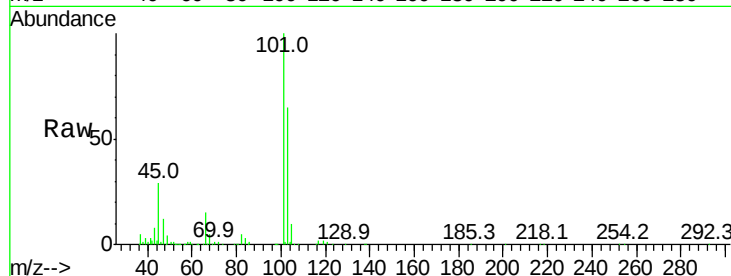
Acq: 29 Jun 2022 11:48

Tgt Ion:101 Resp: 1885878

Ion Ratio Lower Upper

101 100

103 64.8 51.7 77.5



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.35 ppbv

RT: 4.47 min Scan# 524

Delta R.T. -0.02 min

Lab File: VL039394.D

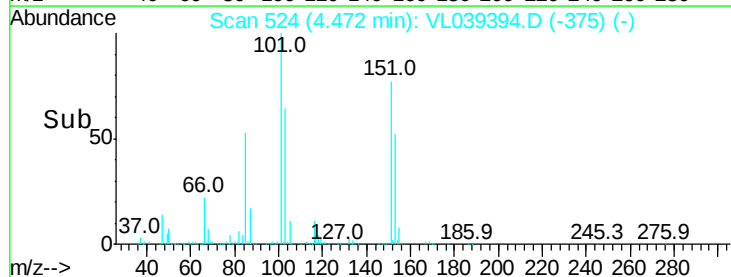
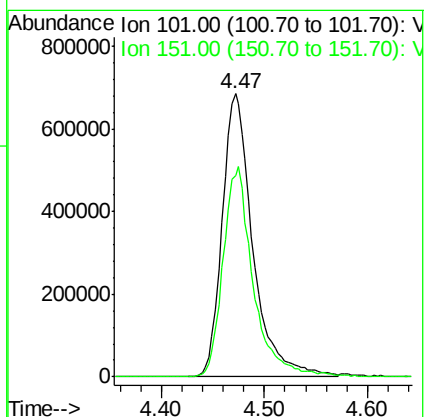
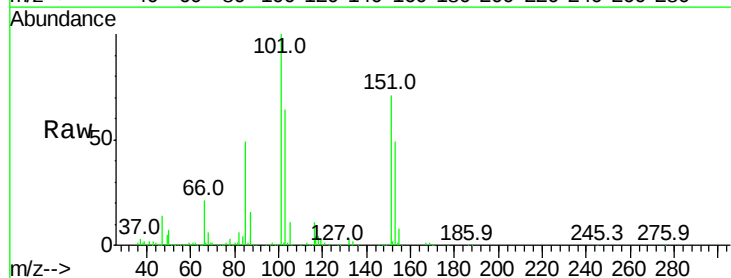
Acq: 29 Jun 2022 11:46

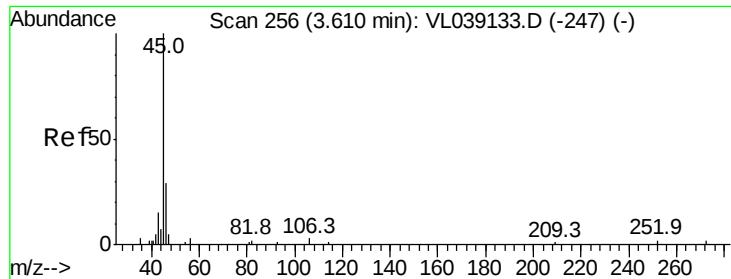
Tgt Ion:101 Resp: 1418507

Ion Ratio Lower Upper

101 100

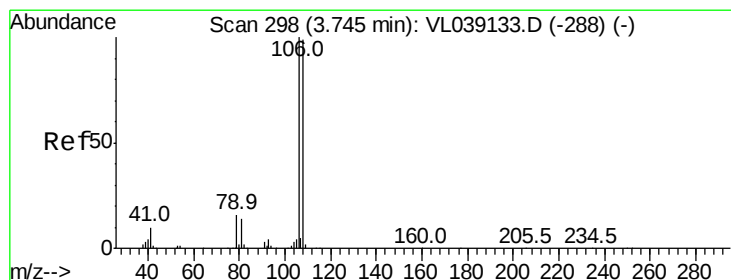
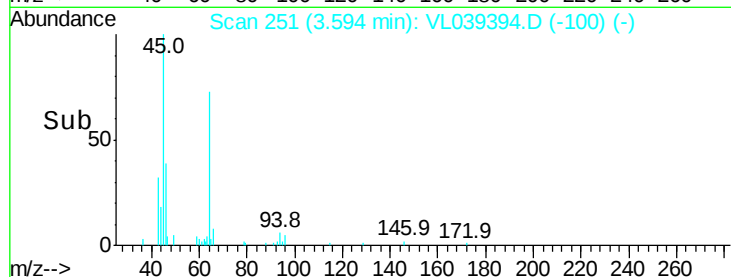
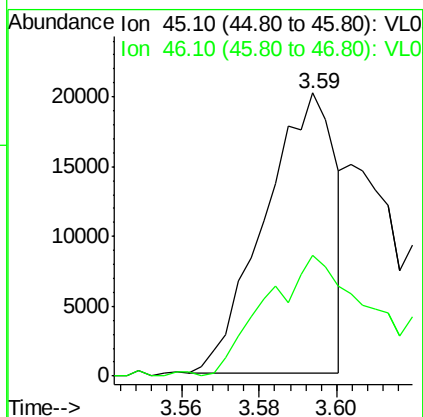
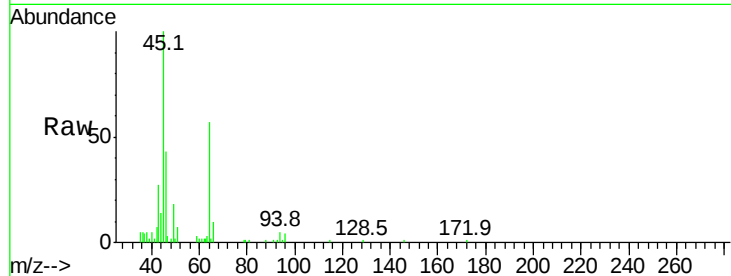
151 73.6 59.4 89.0





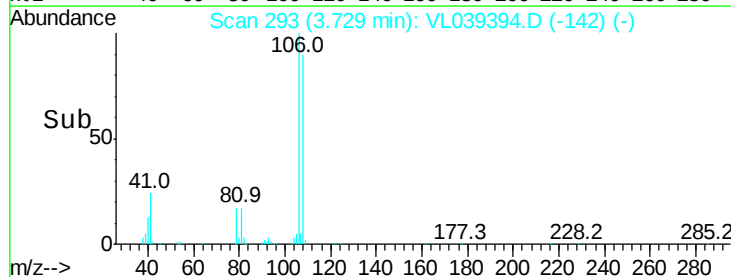
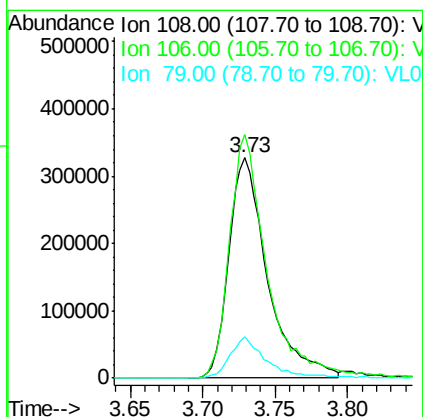
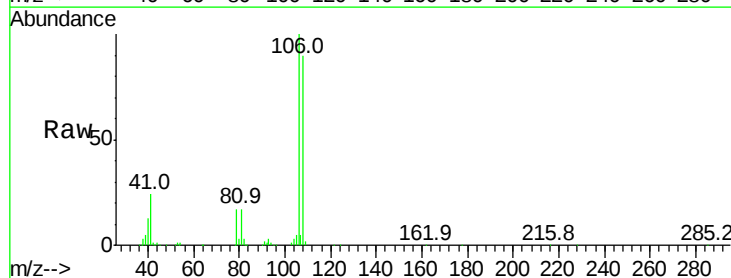
#13
Ethanol
Concen: 6.48 ppbv
RT: 3.59
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Jun 2022 11:48

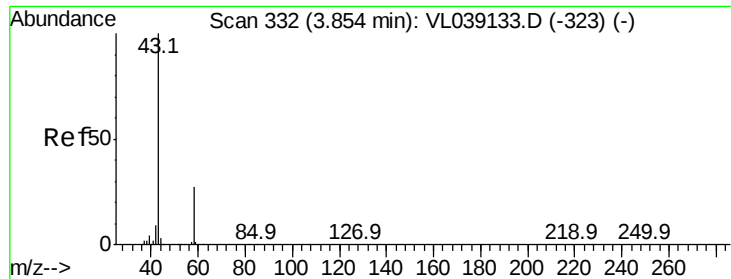
Tgt Ion: 45 Resp: 25546
Ion Ratio Lower Upper
45 100
46 85.2 0.0 0.0#



#14
Bromoethene
Concen: 9.83 ppbv
RT: 3.73 min Scan# 293
Delta R.T. -0.02 min
Lab File: VL039394.D
Acq: 29 Jun 2022 11:46

Tgt Ion: 108 Resp: 605606
Ion Ratio Lower Upper
108 100
106 108.9 88.4 132.6
79 18.3 13.4 20.2





#15

Acetone

Concen: 10.28 ppbv

RT: 3.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

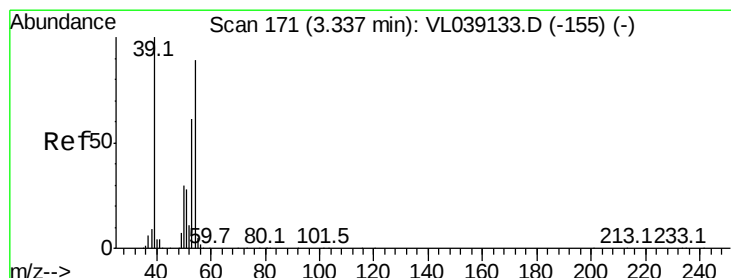
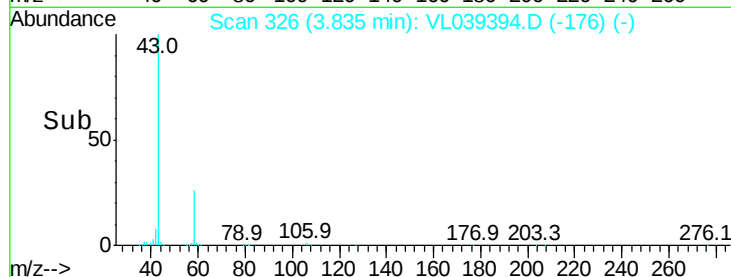
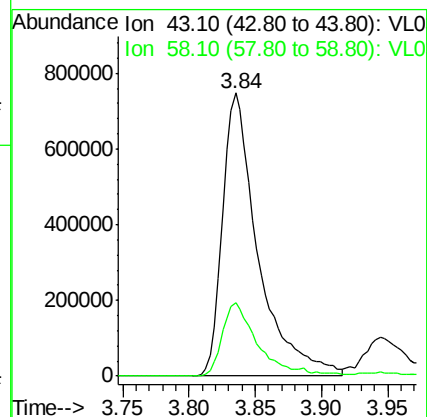
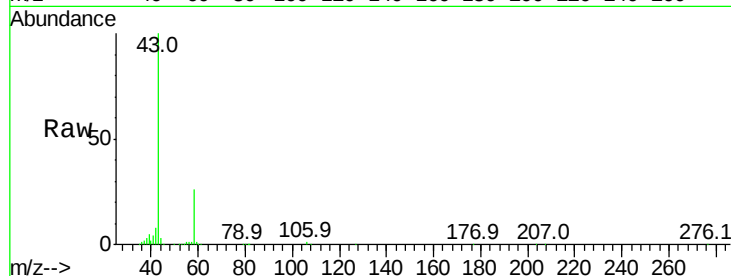
Acq: 29 Jun 2022 11:48

Tgt Ion: 43 Resp: 1395908

Ion Ratio Lower Upper

43 100

58 26.3 22.5 33.7



#16

1,3-Butadiene

Concen: 10.21 ppbv

RT: 3.32 min Scan# 165

Delta R.T. -0.02 min

Lab File: VL039394.D

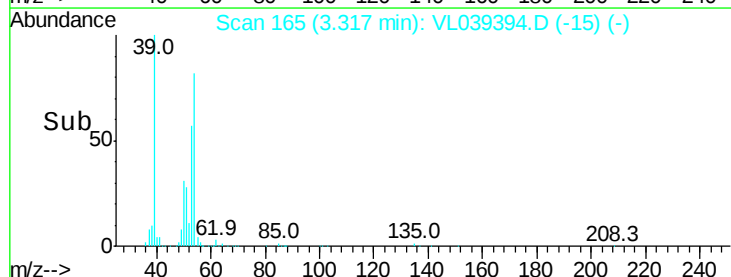
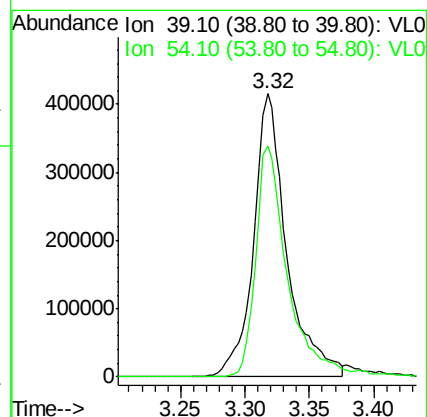
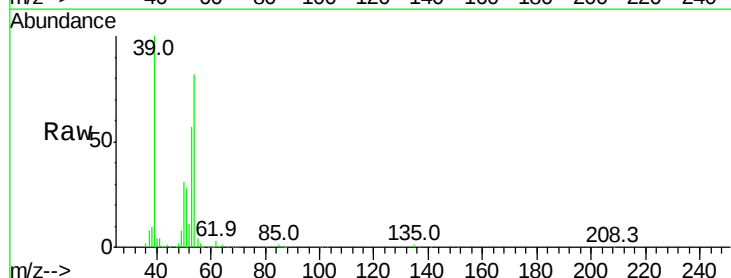
Acq: 29 Jun 2022 11:46

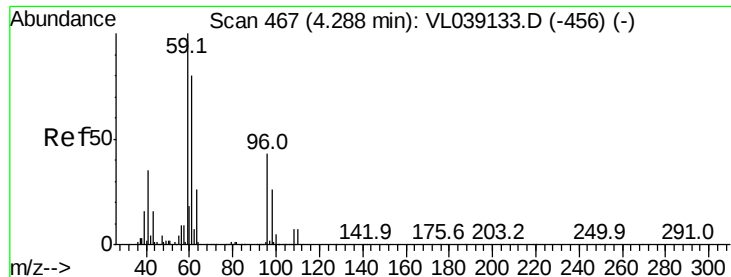
Tgt Ion: 39 Resp: 745366

Ion Ratio Lower Upper

39 100

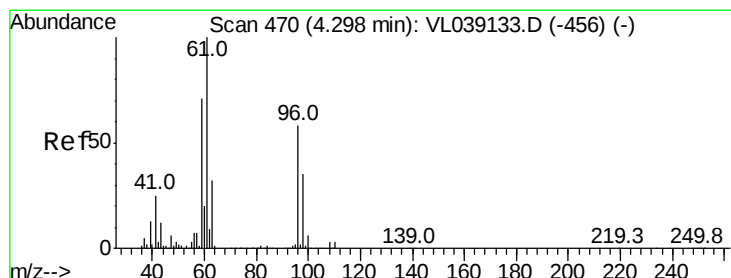
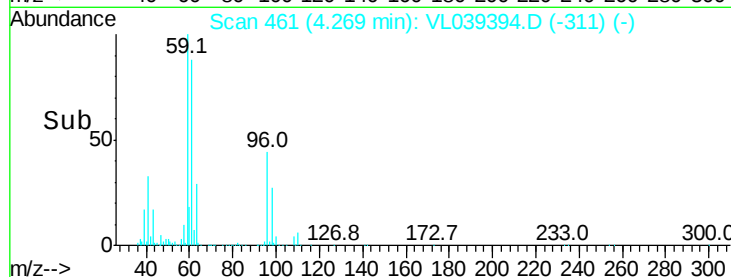
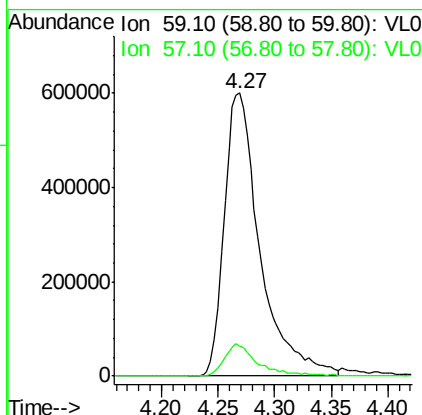
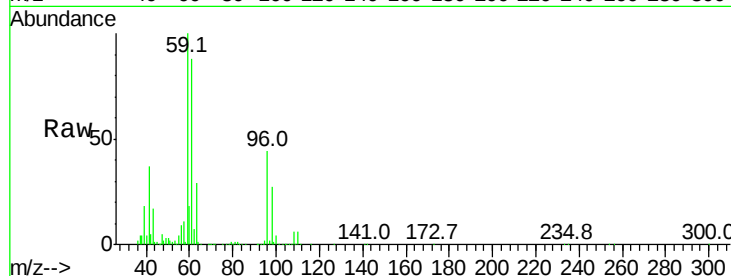
54 79.6 65.8 98.6





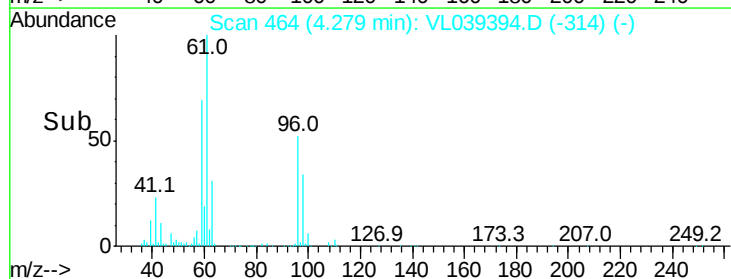
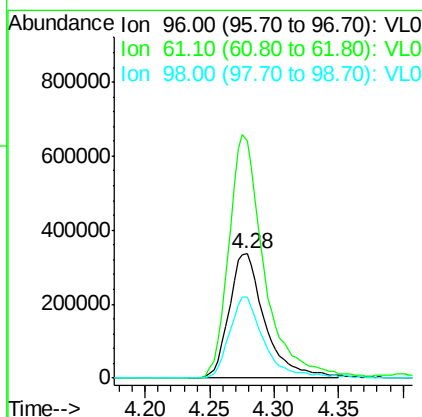
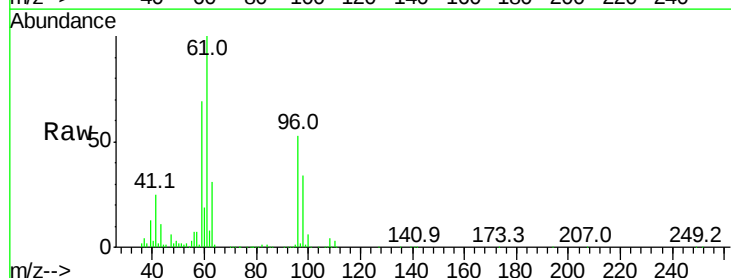
#17
 tert-Butyl alcohol
 Concen: 12.54 ppbv
 RT: 4.27
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 29 Jun 2022 11:48

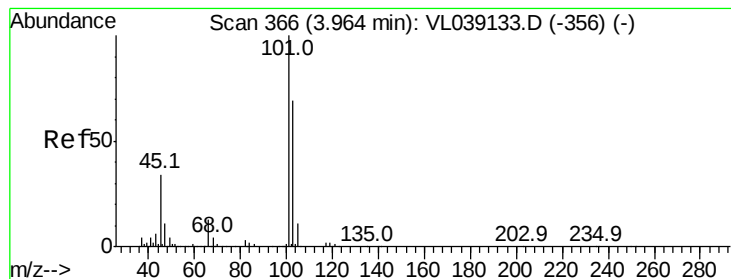
Tgt Ion: 59 Resp: 1321304
 Ion Ratio Lower Upper
 59 100
 57 10.9 9.1 13.7



#18
 1,1-Dichloroethene
 Concen: 10.55 ppbv
 RT: 4.28 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: VL039394.D
 Acq: 29 Jun 2022 11:46

Tgt Ion: 96 Resp: 648628
 Ion Ratio Lower Upper
 96 100
 61 190.3 138.4 207.6
 98 64.7 47.8 71.8





#19

Isopropyl Alcohol

Concen: 12.29 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

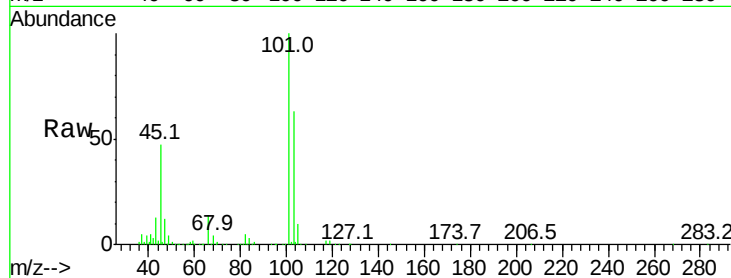
Acq: 29 Jun 2022 11:46 VSTDICCC010

Tgt Ion: 45 Resp: 782593

Ion Ratio Lower Upper

45 100

58 4.0 1.8 2.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.95

400000

300000

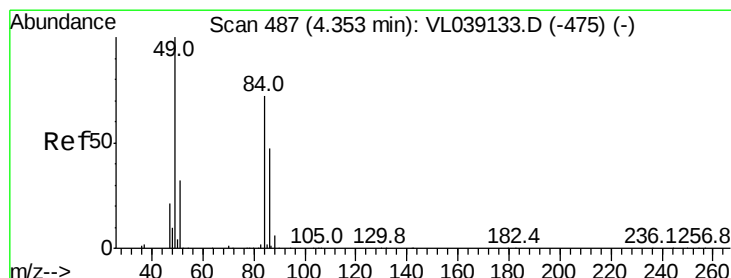
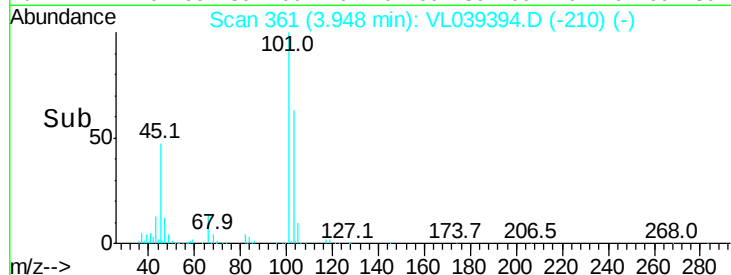
200000

100000

0

Time-->

3.90 3.95 4.00 4.05



#20

Methylene Chloride

Concen: 9.22 ppbv

RT: 4.33 min Scan# 480

Delta R.T. -0.02 min

Lab File: VL039394.D

Acq: 29 Jun 2022 11:46

Tgt Ion: 84 Resp: 527860

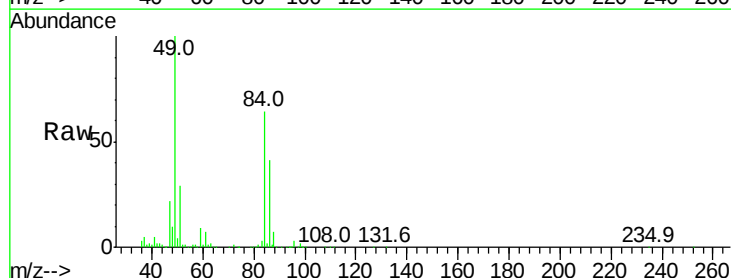
Ion Ratio Lower Upper

84 100

49 153.9 111.1 166.7

51 43.0 35.3 52.9

86 63.9 51.9 77.9



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

600000

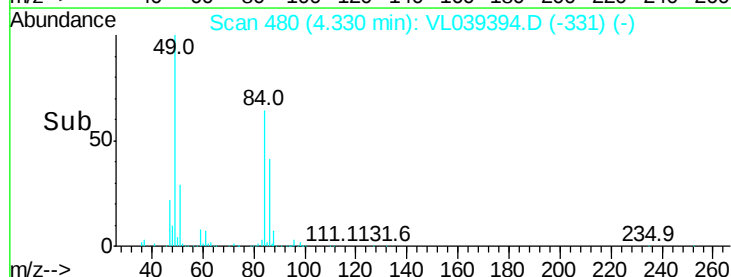
400000

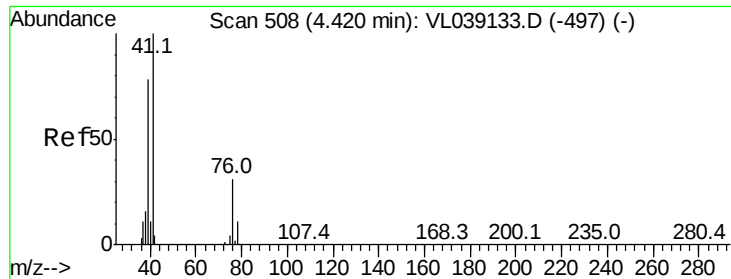
200000

0

Time-->

4.30 4.35 4.40





#21

Allyl Chloride

Concen: 10.72 ppbv

RT: 4.40

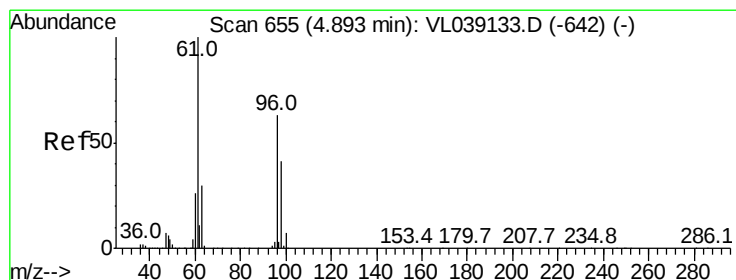
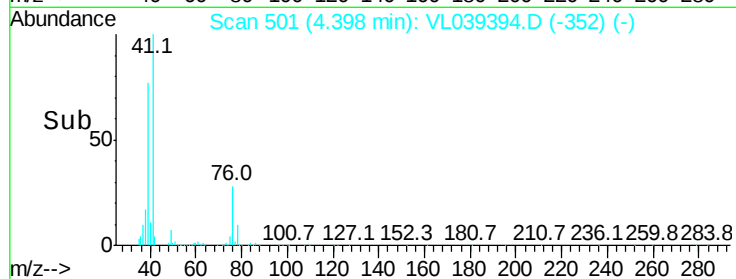
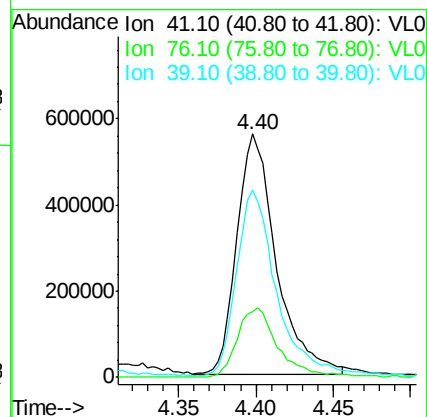
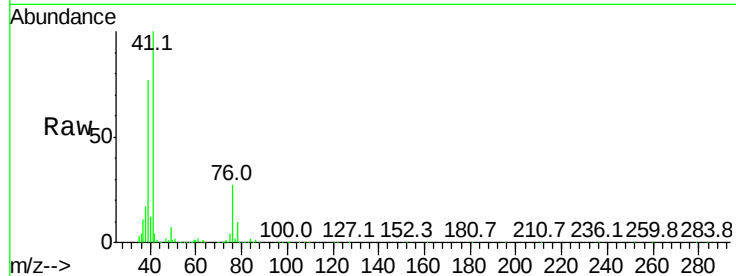
Delta R.T. MSVOA_L

Lab File: ClientSampleId : VSTDICCC010

Acq: 29 Jun 2022 11:40

Tgt Ion: 41 Resp: 982146

Ion	Ratio	Lower	Upper
41	100		
76	30.5	24.2	36.2
39	79.4	62.2	93.2



#22

trans-1,2-Dichloroethene

Concen: 11.16 ppbv

RT: 4.87 min Scan# 648

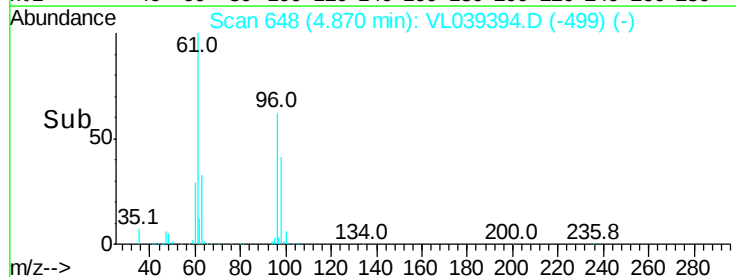
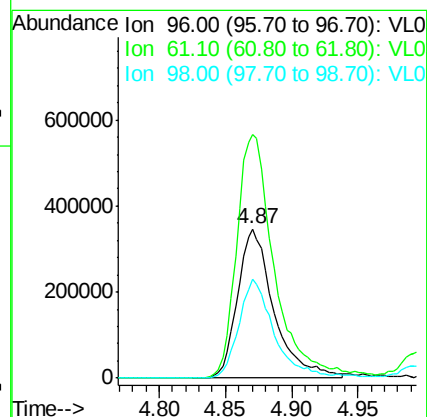
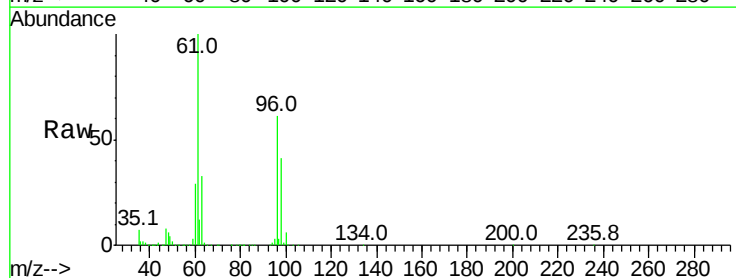
Delta R.T. -0.02 min

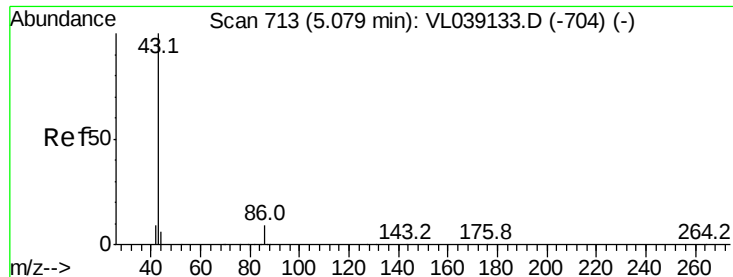
Lab File: VL039394.D

Acq: 29 Jun 2022 11:46

Tgt Ion: 96 Resp: 660347

Ion	Ratio	Lower	Upper
96	100		
61	163.2	126.6	190.0
98	66.7	52.5	78.7





#23

Vinyl Acetate

Concen: 8.81 ppbv

RT: 5.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Jun 2022 11:48

Tgt Ion: 43 Resp: 989958

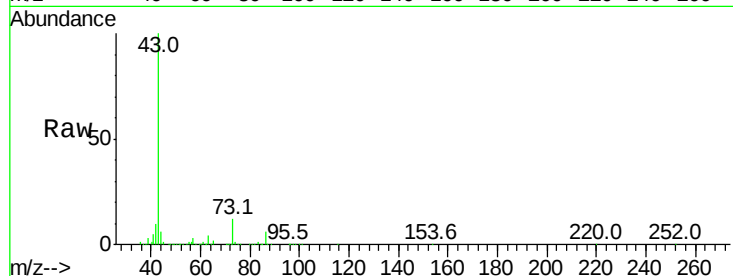
Ion Ratio Lower Upper

43 100

86 6.3 6.0 9.0

42 9.6 8.2 12.4

44 5.8 4.3 6.5

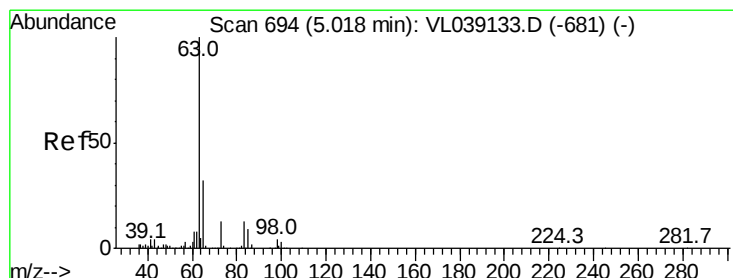
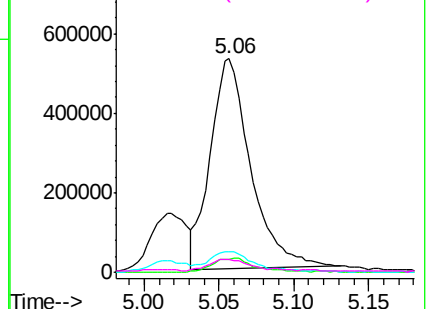
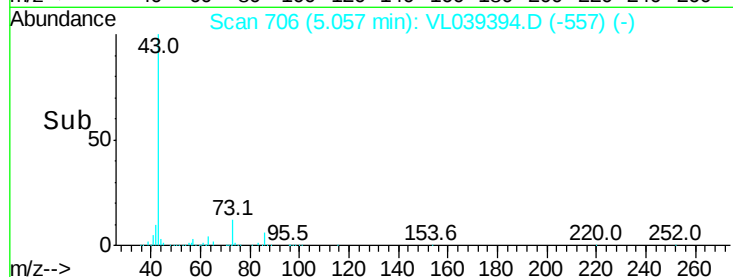


Abundance Ion 43.10 (42.80 to 43.80): VL0

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



#24

1,1-Dichloroethane

Concen: 8.47 ppbv

RT: 5.00 min Scan# 687

Delta R.T. -0.02 min

Lab File: VL039394.D

Acq: 29 Jun 2022 11:46

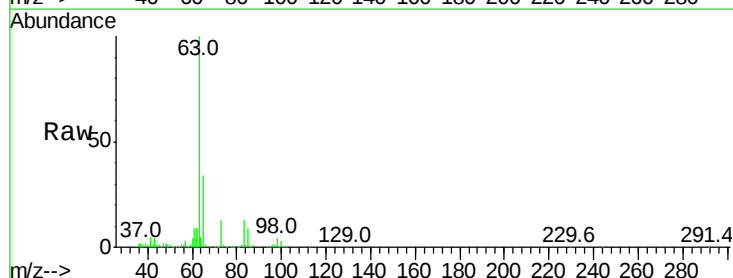
Tgt Ion: 63 Resp: 1303371

Ion Ratio Lower Upper

63 100

98 3.5 2.1 6.2

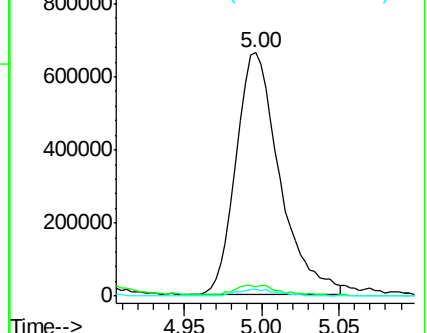
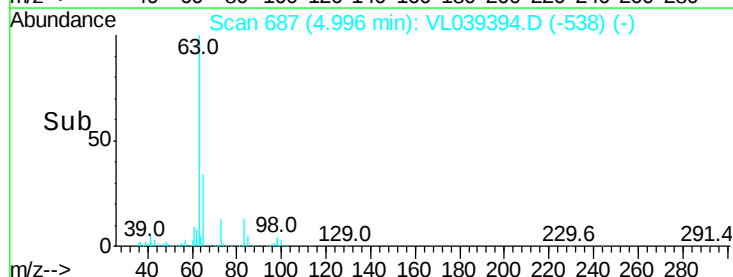
100 2.9 1.5 4.5

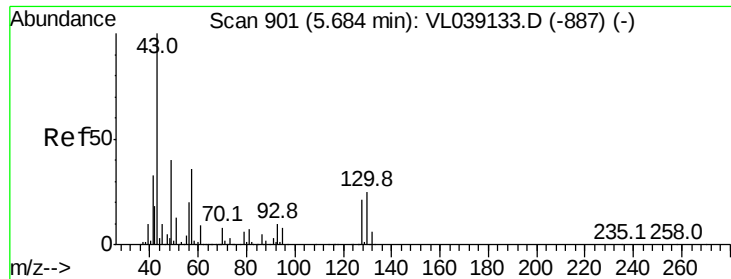


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

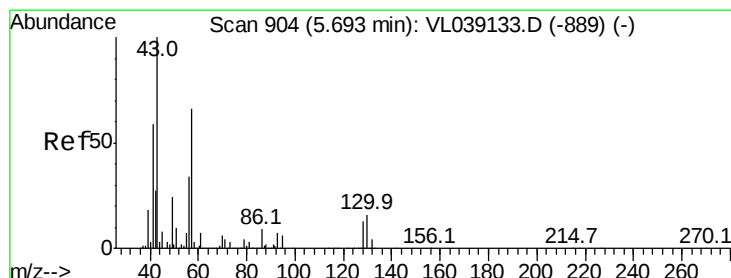
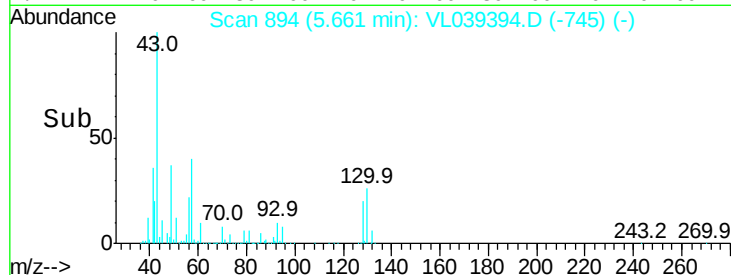
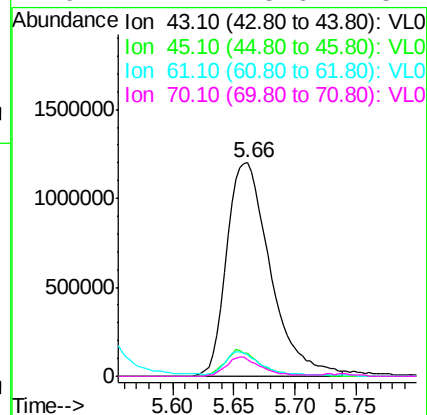
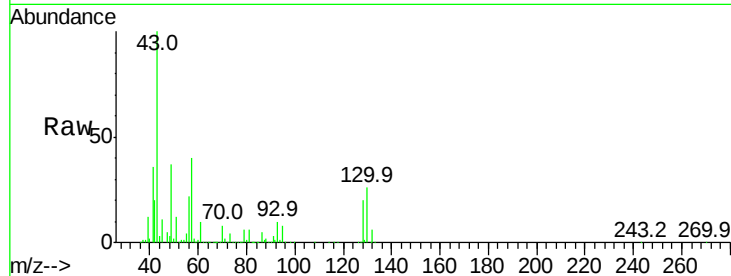




#25
Ethyl Acetate
Concen: 9.76 ppbv
RT: 5.66
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VSTDICCC010
Acq: 29 Jun 2022 11:46

Tgt Ion: 43 Resp: 2986472

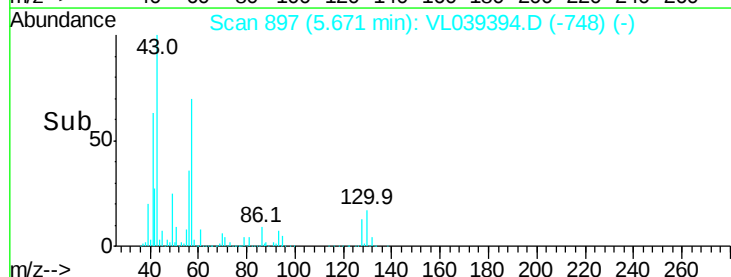
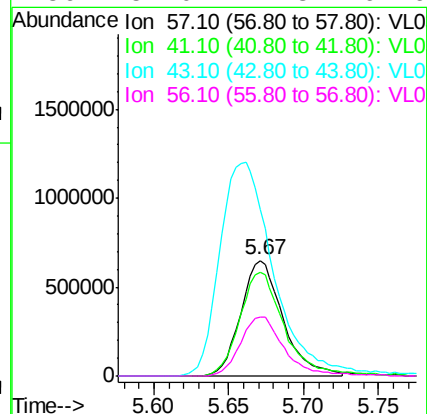
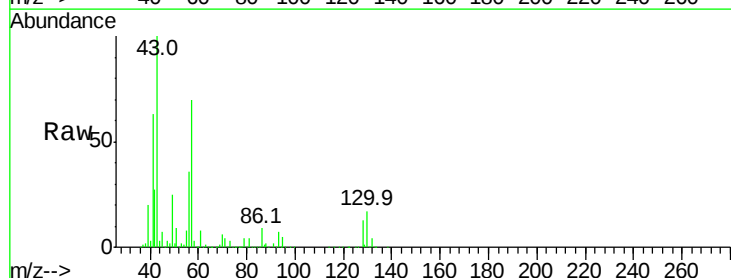
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.2
61	10.4	8.4	12.6
70	7.4	5.6	8.4

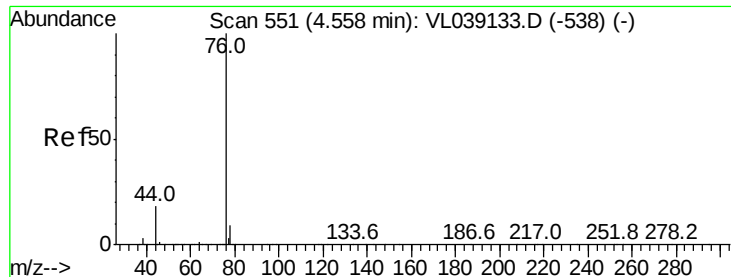


#26
Hexane
Concen: 9.49 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL039394.D
Acq: 29 Jun 2022 11:46

Tgt Ion: 57 Resp: 1275940

Ion	Ratio	Lower	Upper
57	100		
41	96.1	72.4	108.6
43	238.8	187.0	280.6
56	54.0	41.8	62.6





#27

Carbon Disulfide

Concen: 10.96 ppbv

RT: 4.54 Instrument: MSVOA_1

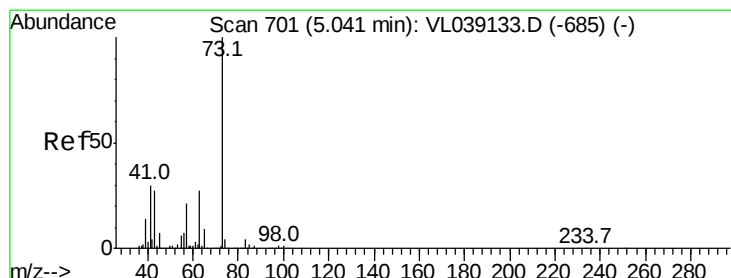
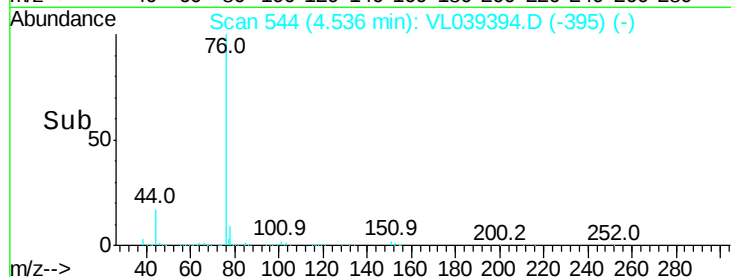
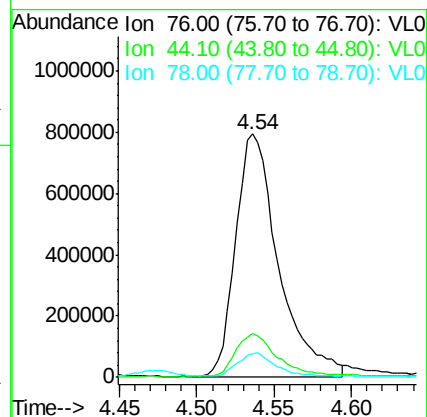
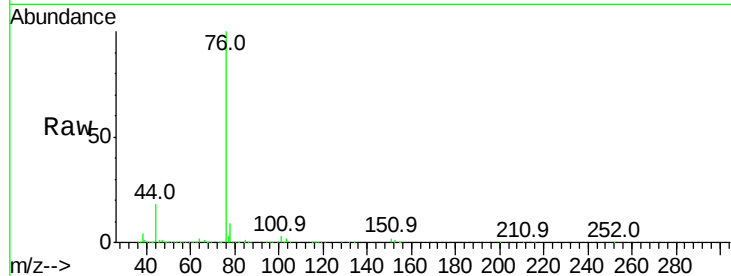
Delta R.T. ClientSampleId:

Lab File: VSTDICCC010

Acq: 29 Jun 2022 11:48

Tgt Ion: 76 Resp: 1527646

Ion	Ratio	Lower	Upper
76	100		
44	18.2	14.4	21.6
78	9.7	7.7	11.5



#28

Methyl tert-Butyl Ether

Concen: 7.87 ppbv

RT: 5.02 min Scan# 694

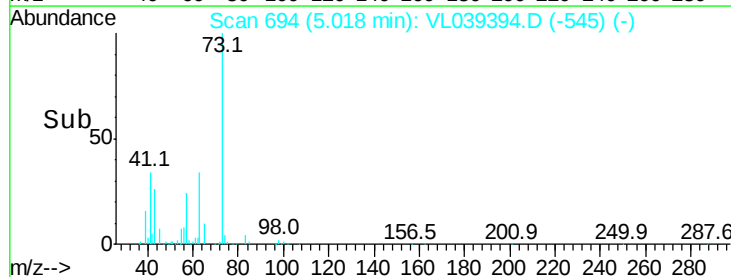
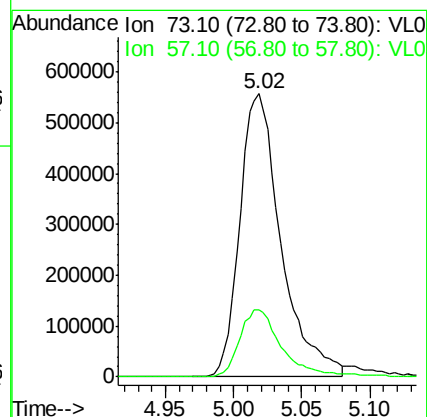
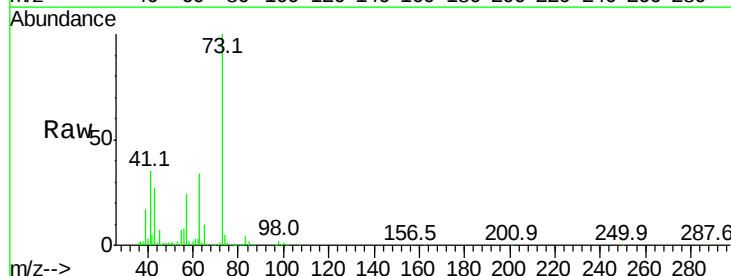
Delta R.T. -0.02 min

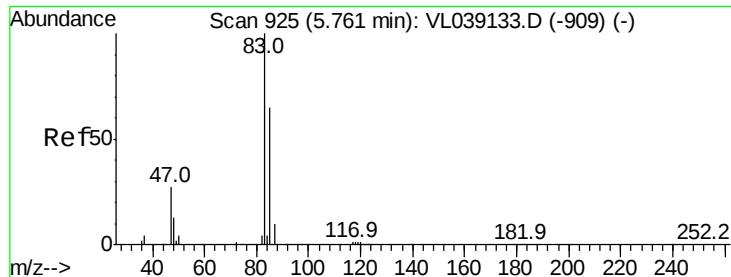
Lab File: VL039394.D

Acq: 29 Jun 2022 11:46

Tgt Ion: 73 Resp: 1168979

Ion	Ratio	Lower	Upper
73	100		
57	24.8	18.6	27.8





#29

Chloroform

Concen: 9.00 ppbv

RT: 5.74 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDICCC010

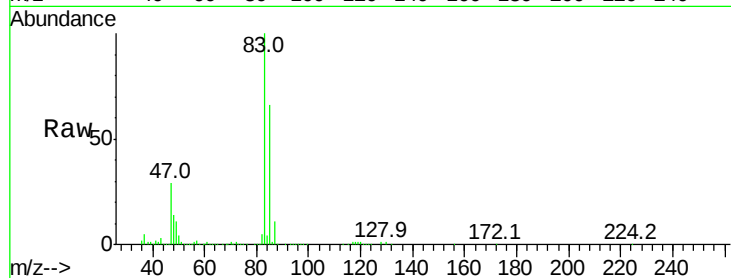
Acq: 29 Jun 2022 11:48

Tgt Ion: 83 Resp: 2037174

Ion Ratio Lower Upper

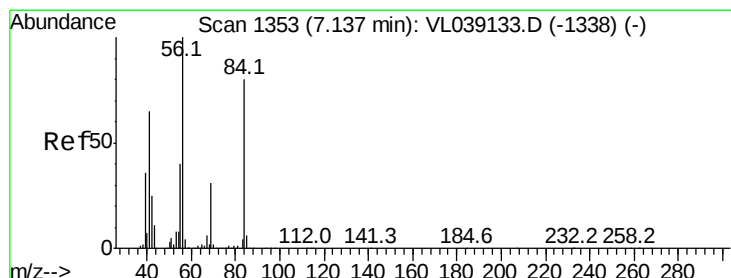
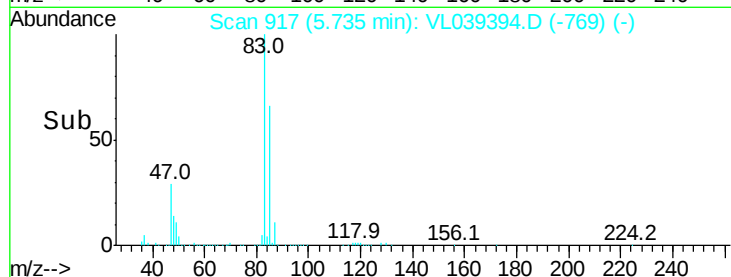
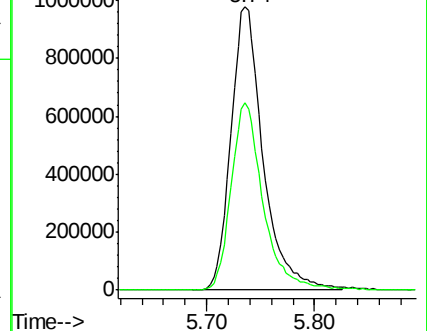
83 100

85 66.0 52.4 78.6



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 9.82 ppbv

RT: 7.11 min Scan# 1345

Delta R.T. -0.03 min

Lab File: VL039394.D

Acq: 29 Jun 2022 11:46

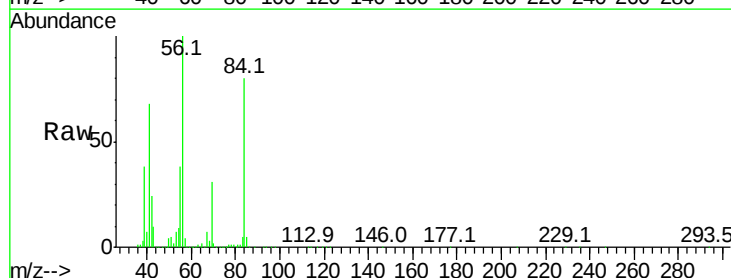
Tgt Ion: 84 Resp: 1109235

Ion Ratio Lower Upper

84 100

56 134.6 110.6 165.8

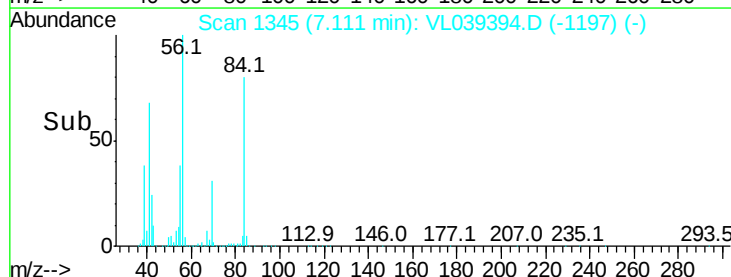
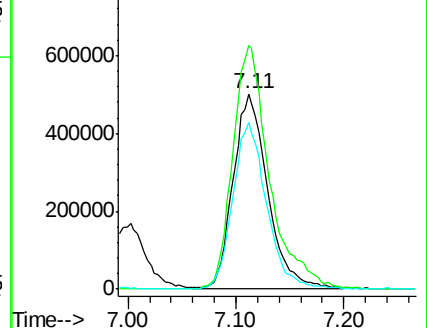
41 84.6 68.9 103.3

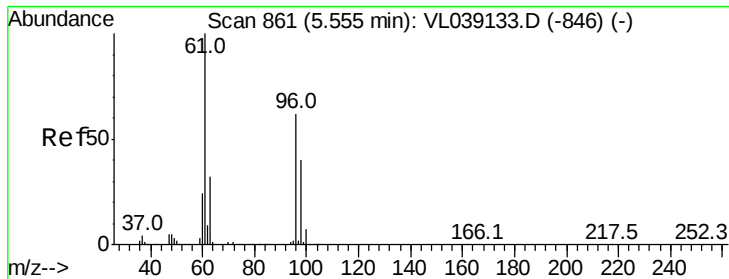


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0





#31

cis-1,2-Dichloroethene

Concen: 9.31 ppbv

RT: 5.53 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 29 Jun 2022 11:48 VSTDICCC010

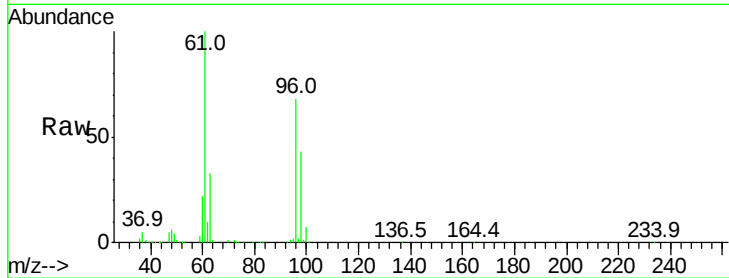
Tgt Ion: 61 Resp: 1276298

Ion Ratio Lower Upper

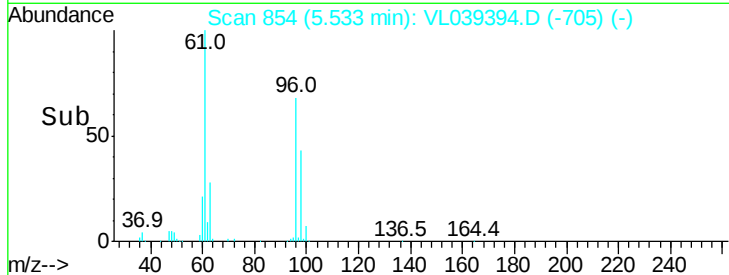
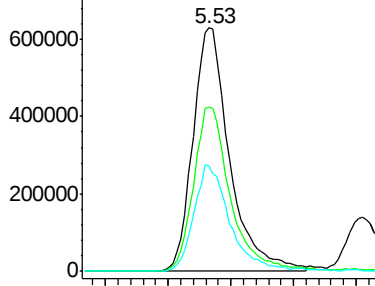
61 100

96 67.6 49.9 74.9

98 43.3 32.0 48.0



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 9.23 ppbv

RT: 6.49 min Scan# 1153

Delta R.T. -0.02 min

Lab File: VL039394.D

Acq: 29 Jun 2022 11:46

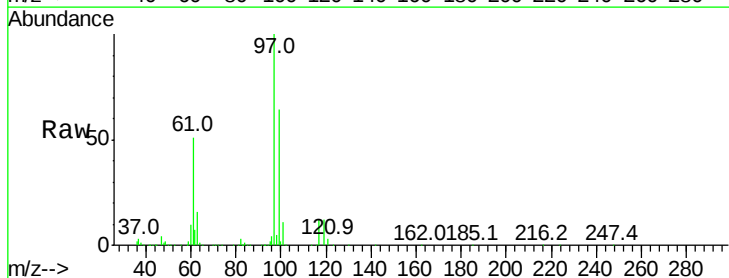
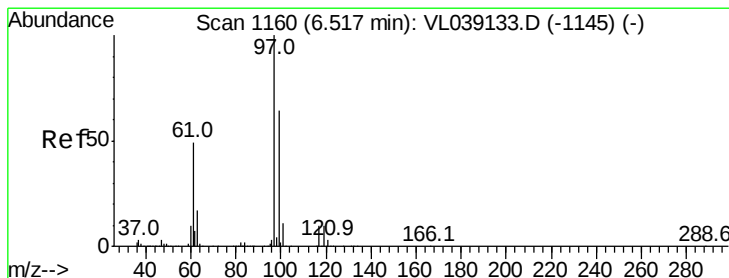
Tgt Ion: 97 Resp: 2044834

Ion Ratio Lower Upper

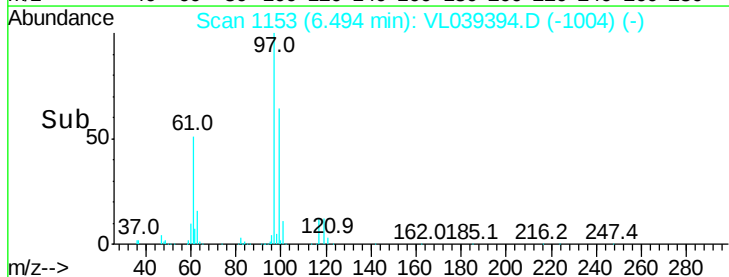
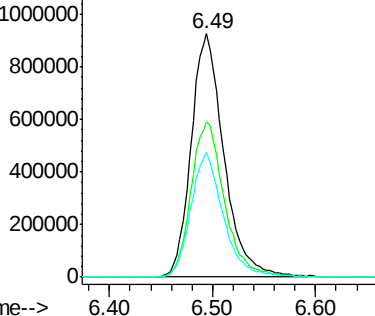
97 100

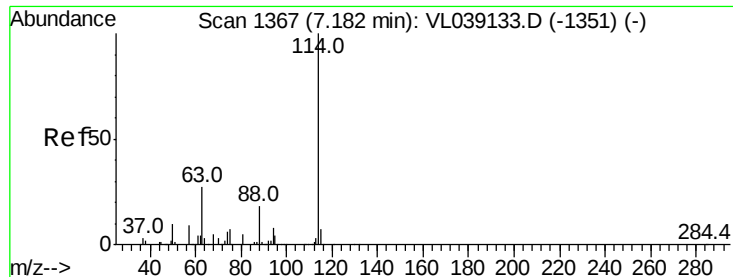
99 65.4 52.1 78.1

61 51.1 40.0 60.0



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.16 Instrument: MSVOA_1

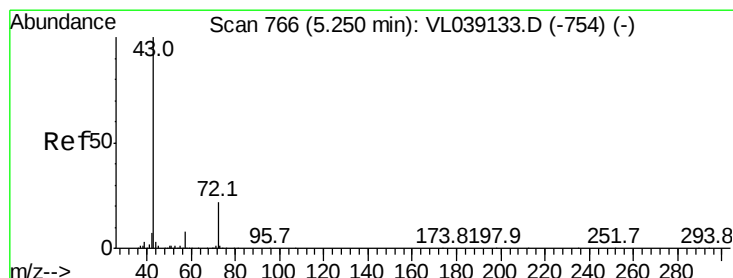
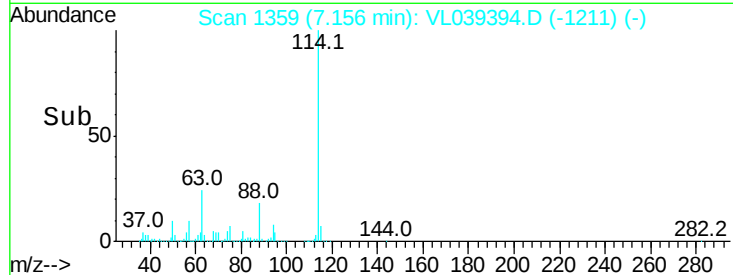
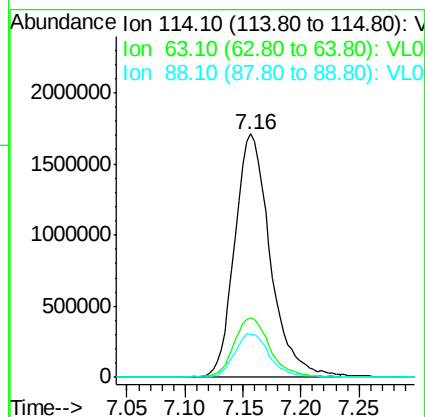
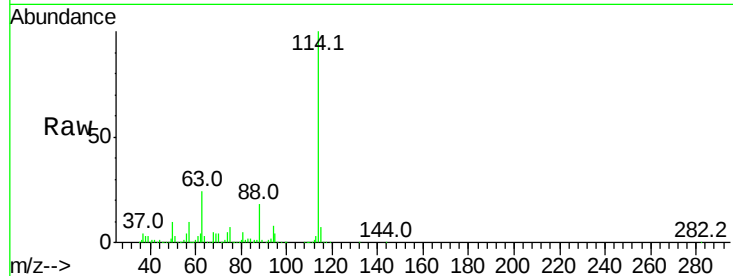
Delta R.T. ClientSampleId:

Lab File: VSTDICCC010

Acq: 29 Jun 2022 11:48

Tgt Ion:114 Resp: 3638913

Ion	Ratio	Lower	Upper
114	100		
63	25.3	21.7	32.5
88	18.1	14.8	22.2



#34

2-Butanone

Concen: 9.12 ppbv

RT: 5.22 min Scan# 758

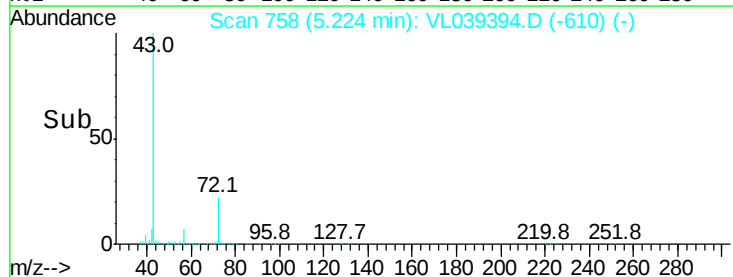
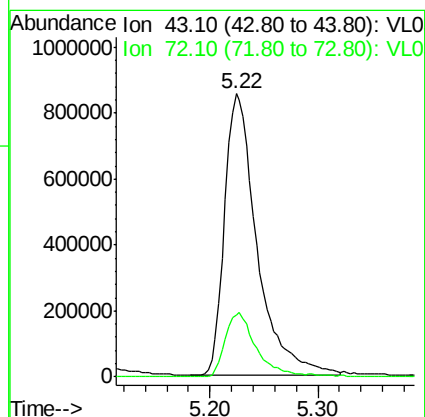
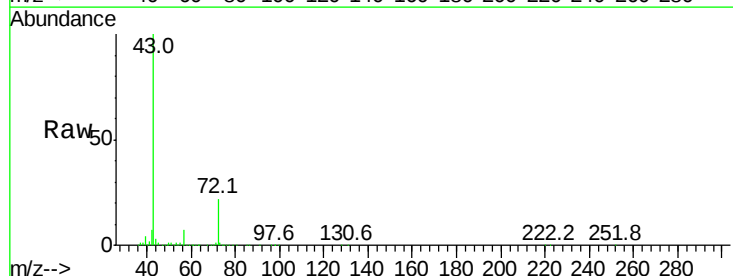
Delta R.T. -0.03 min

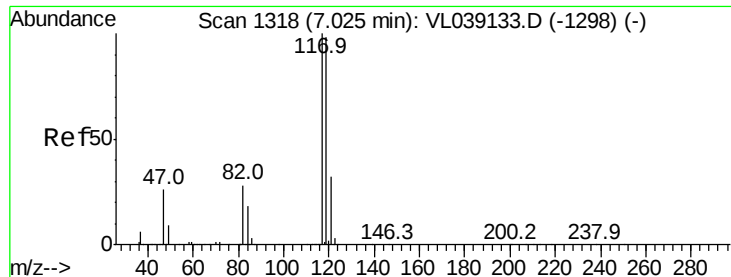
Lab File: VL039394.D

Acq: 29 Jun 2022 11:46

Tgt Ion: 43 Resp: 1802183

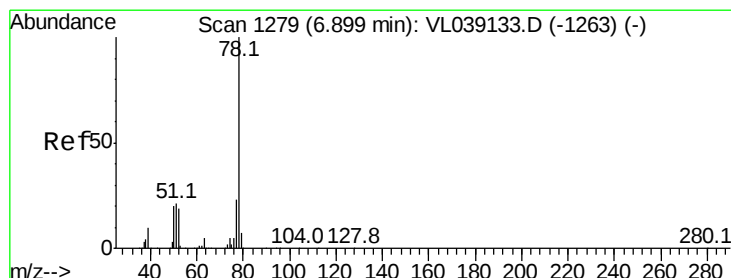
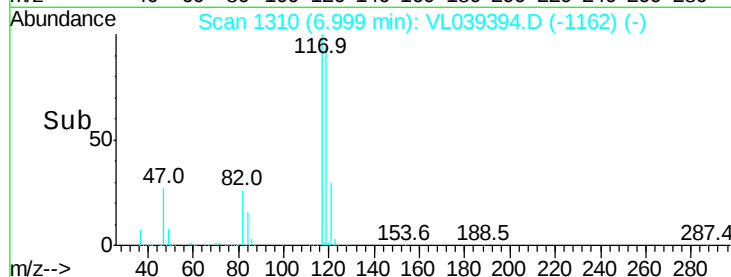
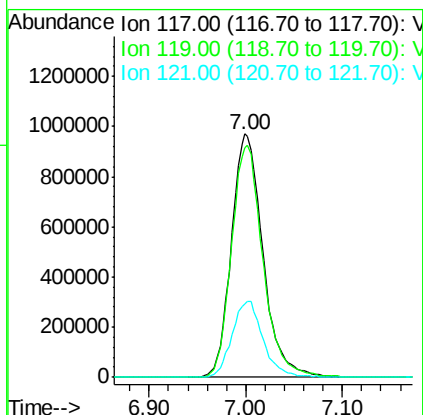
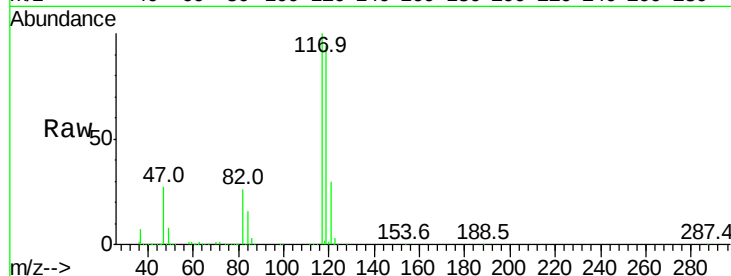
Ion	Ratio	Lower	Upper
43	100		
72	22.4	18.2	27.2





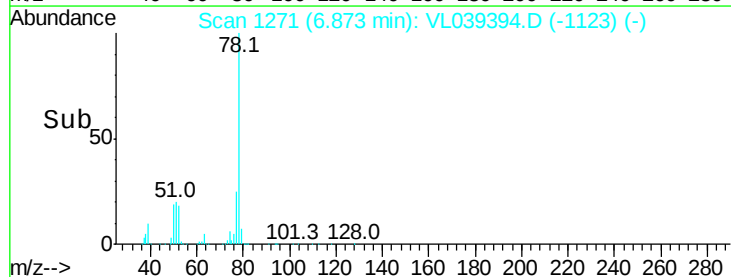
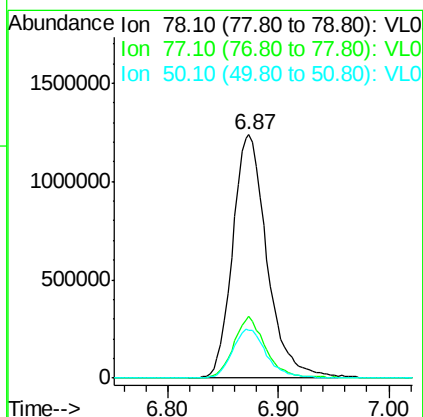
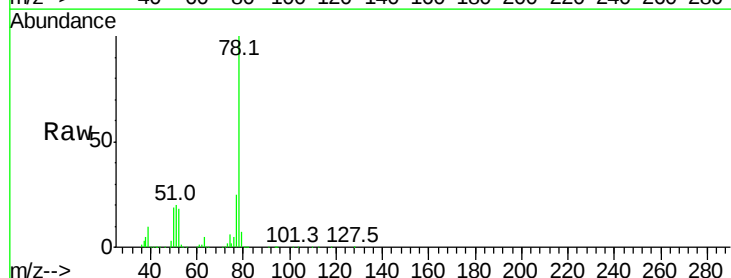
#35
Carbon Tetrachloride
Concen: 8.26 ppbv
RT: 7.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VSTDICCC010
Acq: 29 Jun 2022 11:48

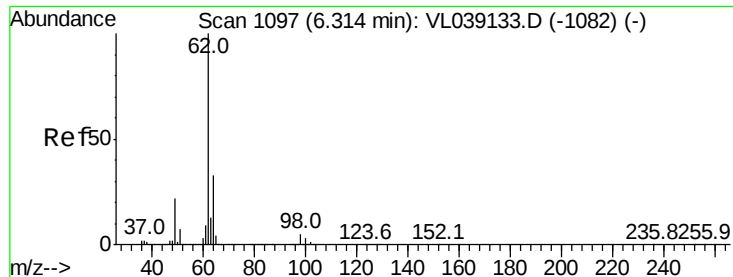
Tgt Ion: 117 Resp: 2194570
Ion Ratio Lower Upper
117 100
119 94.3 78.6 118.0
121 30.2 25.4 38.0



#36
Benzene
Concen: 9.04 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.03 min
Lab File: VL039394.D
Acq: 29 Jun 2022 11:46

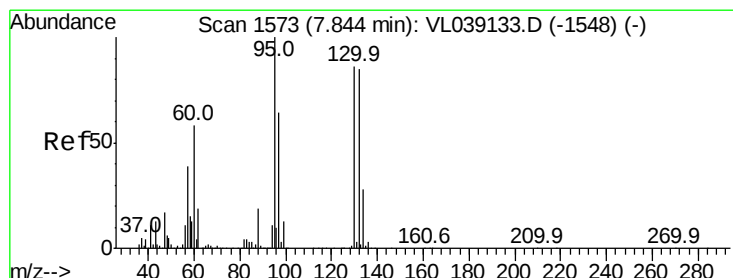
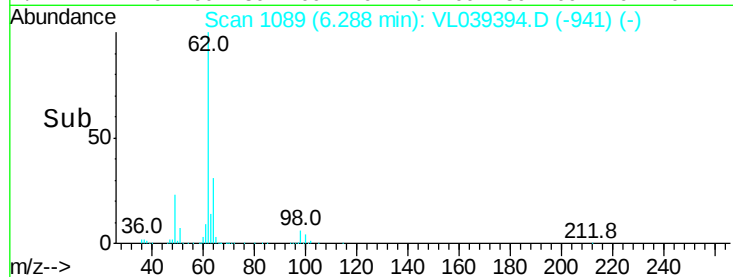
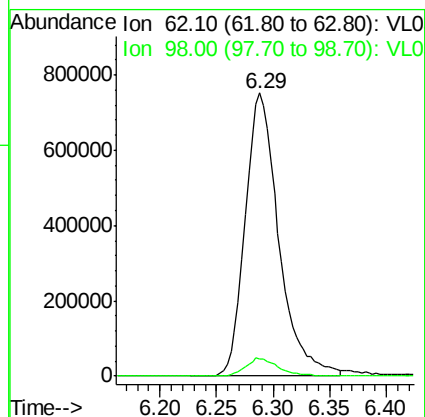
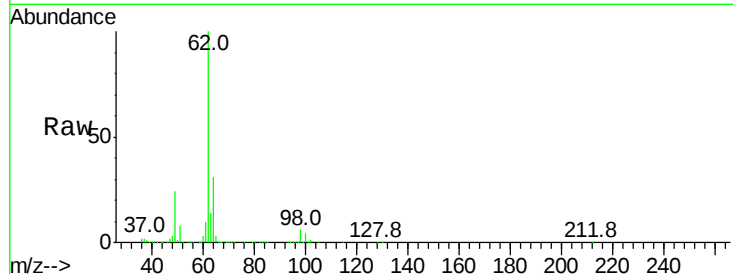
Tgt Ion: 78 Resp: 2669222
Ion Ratio Lower Upper
78 100
77 25.4 18.6 27.8
50 19.4 15.8 23.8





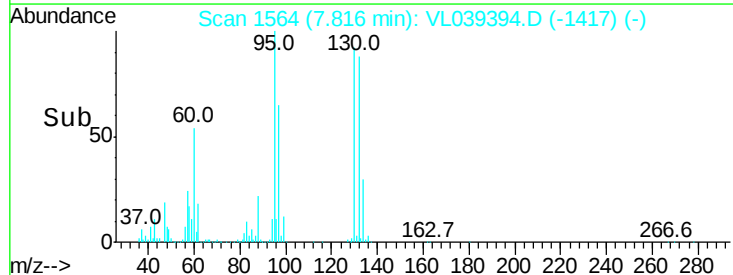
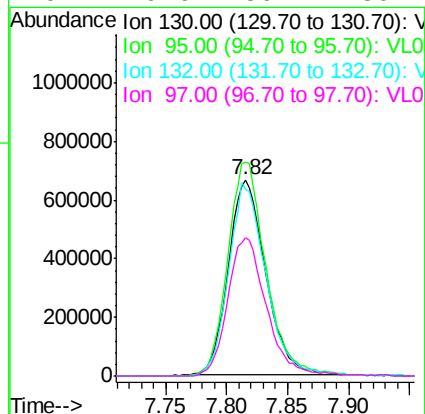
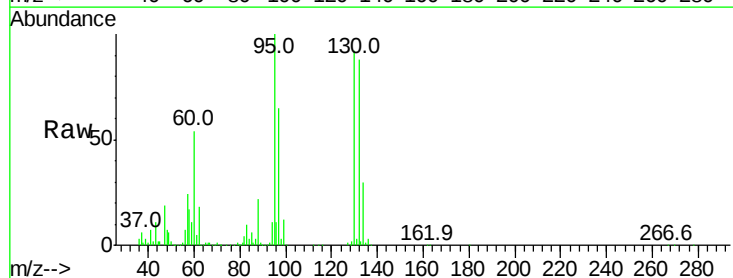
#37
 1,2-Dichloroethane
 Concen: 8.01 ppbv
 RT: 6.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 29 Jun 2022 11:46

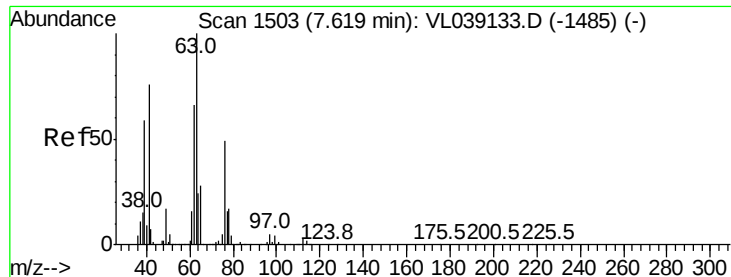
Tgt Ion: 62 Resp: 1557543
 Ion Ratio Lower Upper
 62 100
 98 6.4 4.3 6.5



#38
 Trichloroethene
 Concen: 10.48 ppbv
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.03 min
 Lab File: VL039394.D
 Acq: 29 Jun 2022 11:46

Tgt Ion: 130 Resp: 1422546
 Ion Ratio Lower Upper
 130 100
 95 109.1 93.3 139.9
 132 95.9 79.0 118.4
 97 70.6 59.4 89.2





#39

1,2-Dichloropropane

Concen: 8.53 ppbv

RT: 7.59

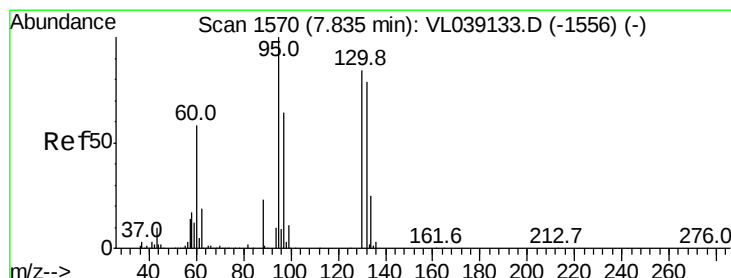
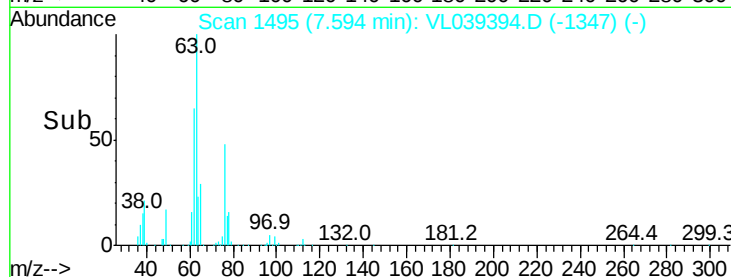
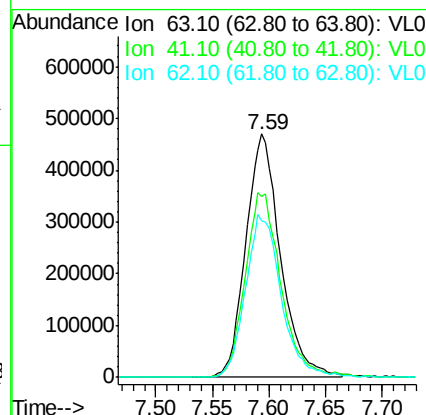
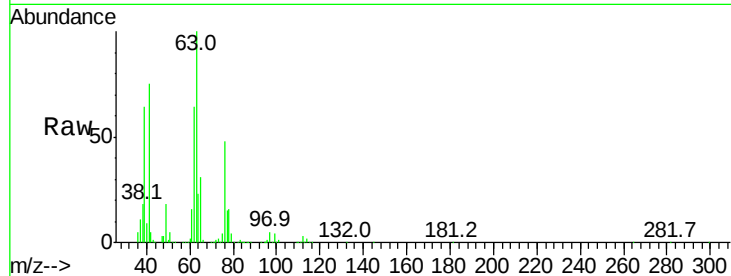
Delta R.T. MSVOA_L

Lab File: ClientSampleId : VSTDICCC010

Acq: 29 Jun 2022 11:46

Tgt Ion: 63 Resp: 1001808

Ion	Ratio	Lower	Upper
63	100		
41	74.5	60.8	91.2
62	64.2	52.9	79.3



#40

1,4-Dioxane

Concen: 10.61 ppbv

RT: 7.81 min Scan# 1562

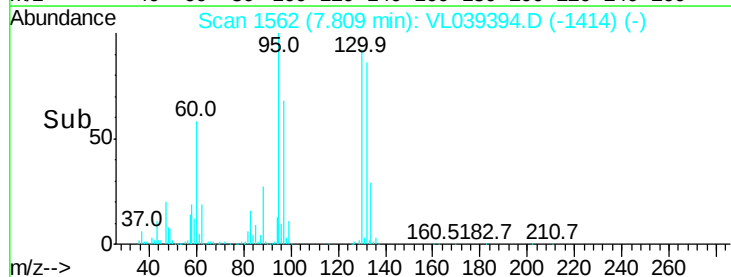
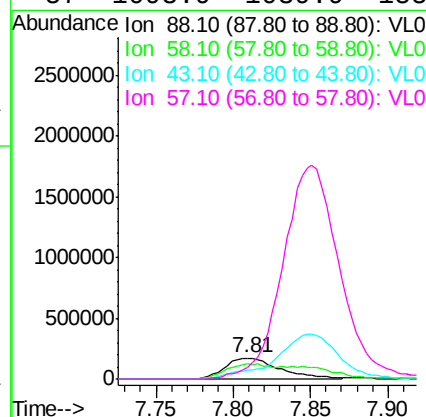
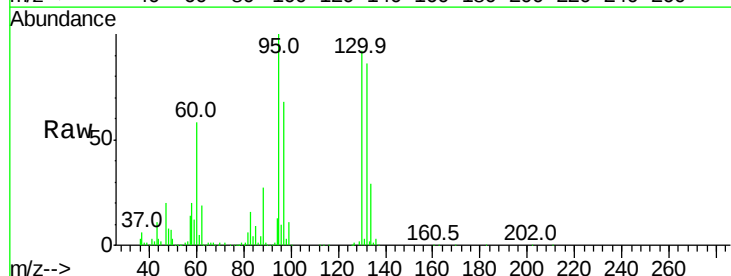
Delta R.T. -0.03 min

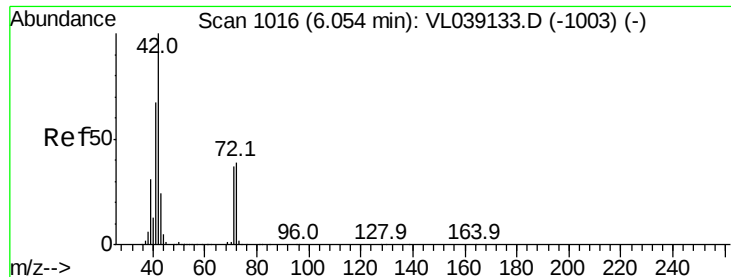
Lab File: VL039394.D

Acq: 29 Jun 2022 11:46

Tgt Ion: 88 Resp: 410507

Ion	Ratio	Lower	Upper
88	100		
58	125.3	111.2	166.8
43	257.2	234.2	351.4
57	1098.9	1039.9	1559.9





#41

Tetrahydrofuran

Concen: 8.85 ppbv

RT: 6.03 Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 29 Jun 2022 11:40 VSTDICCC010

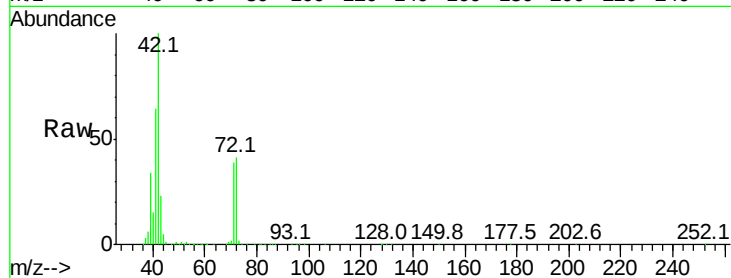
Tgt Ion: 42 Resp: 1051825

Ion Ratio Lower Upper

42 100

72 39.8 32.0 48.0

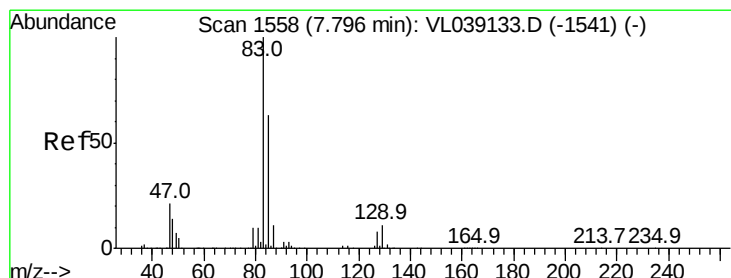
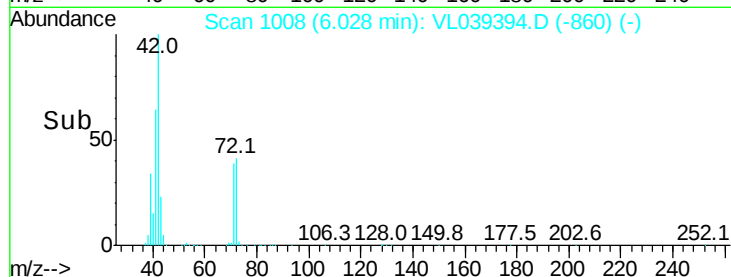
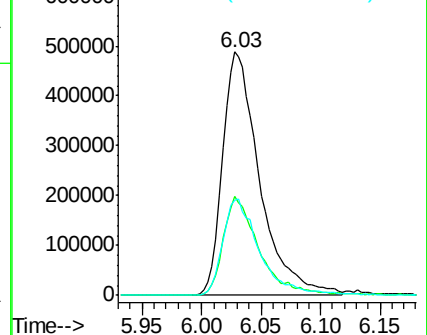
71 39.8 31.1 46.7



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



#42

Bromodichloromethane

Concen: 8.15 ppbv

RT: 7.77 min Scan# 1550

Delta R.T. -0.03 min

Lab File: VL039394.D

Acq: 29 Jun 2022 11:46

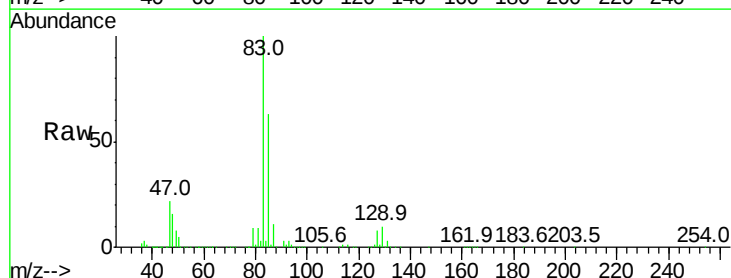
Tgt Ion: 83 Resp: 2197854

Ion Ratio Lower Upper

83 100

85 63.4 50.2 75.4

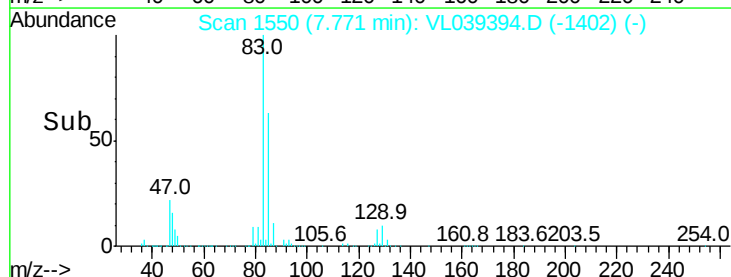
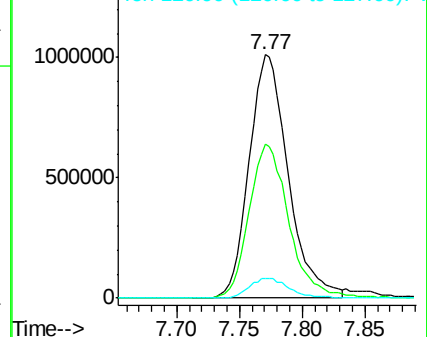
127 8.2 6.6 9.8

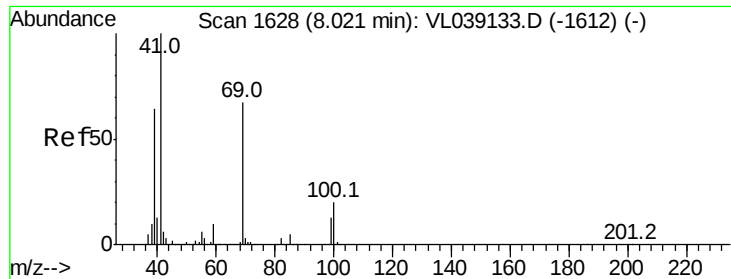


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

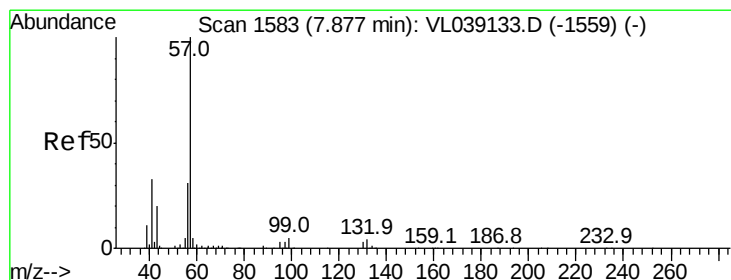
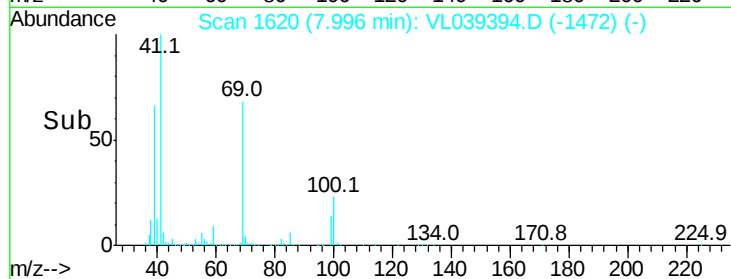
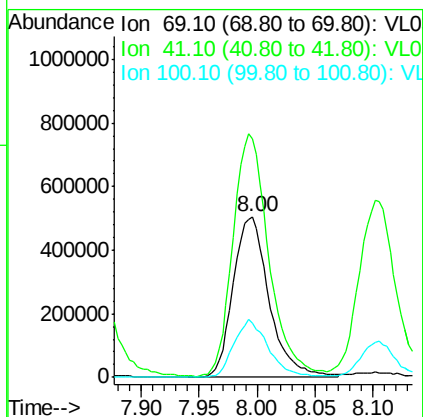
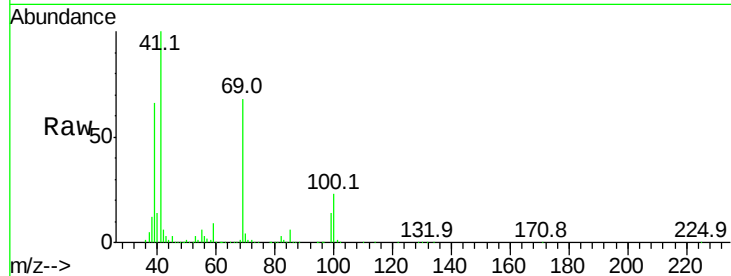
Ion 126.90 (126.60 to 127.60): V





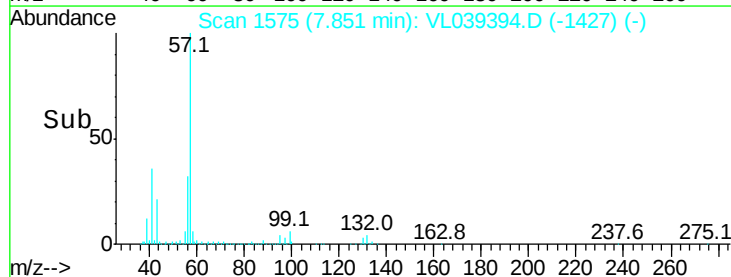
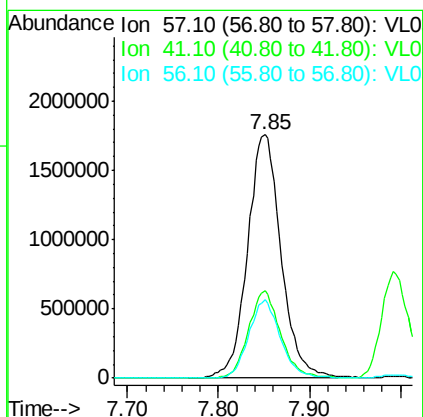
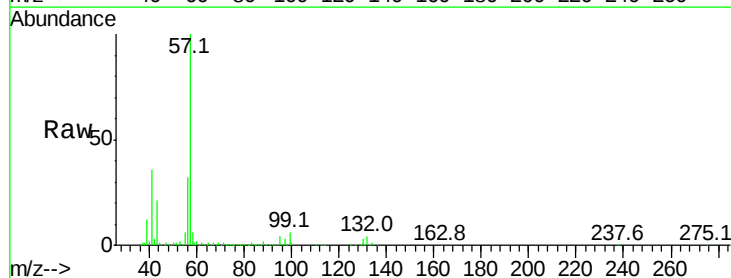
#43
Methyl Methacrylate
Concen: 9.47 ppbv
RT: 8.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDICCC010
Acq: 29 Jun 2022 11:46

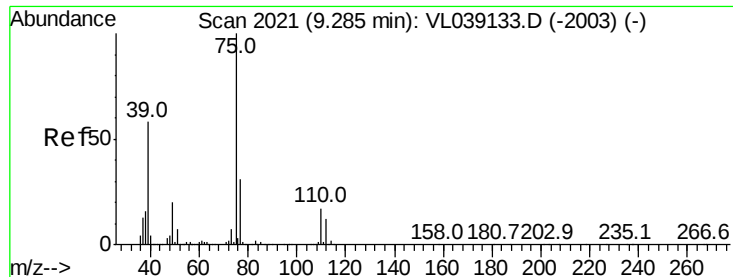
Tgt Ion: 69 Resp: 1089547
Ion Ratio Lower Upper
69 100
41 151.0 121.9 182.9
100 34.7 24.1 36.1



#44
2,2,4-Trimethylpentane
Concen: 8.69 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.03 min
Lab File: VL039394.D
Acq: 29 Jun 2022 11:46

Tgt Ion: 57 Resp: 4493506
Ion Ratio Lower Upper
57 100
41 34.3 26.2 39.4
56 30.6 24.7 37.1





#45

t-1,3-Dichloropropene

Concen: 9.51 ppbv

RT: 9.26

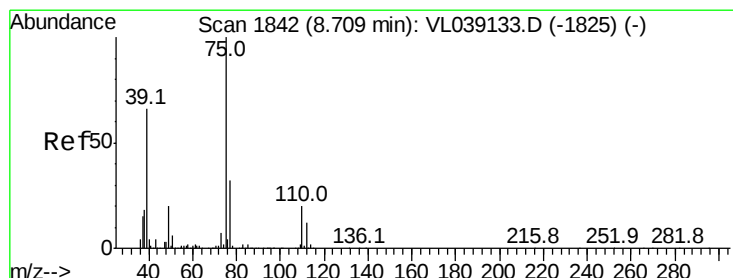
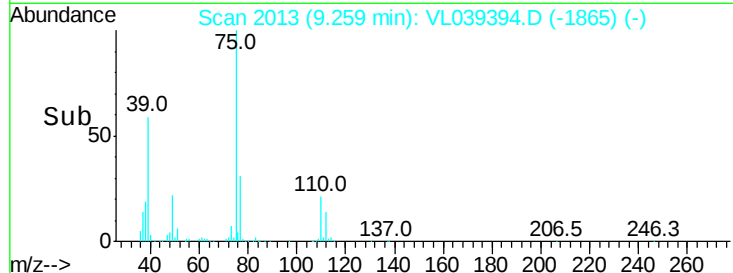
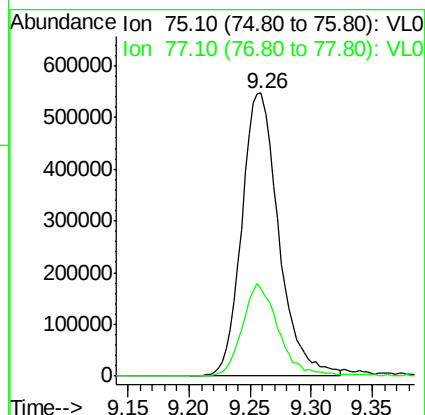
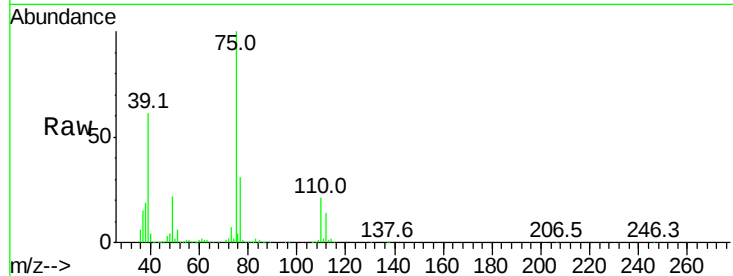
Delta R.T. MSVOA_L

Lab File: ClientSampleId : VSTDICCC010

Acq: 29 Jun 2022 11:48

Tgt Ion: 75 Resp: 1140135

Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.4	36.6



#46

cis-1,3-Dichloropropene

Concen: 9.30 ppbv

RT: 8.68 min Scan# 1833

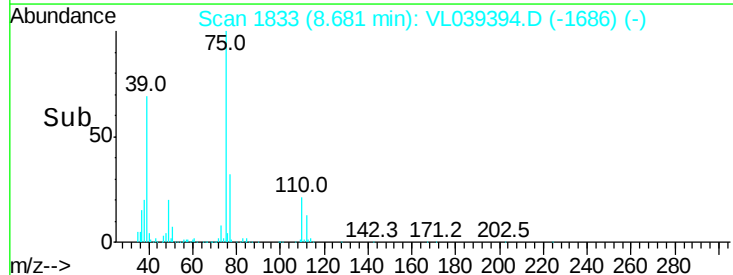
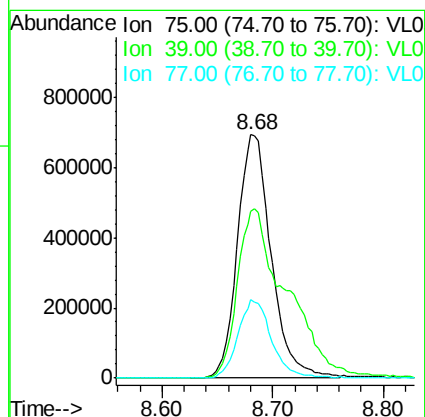
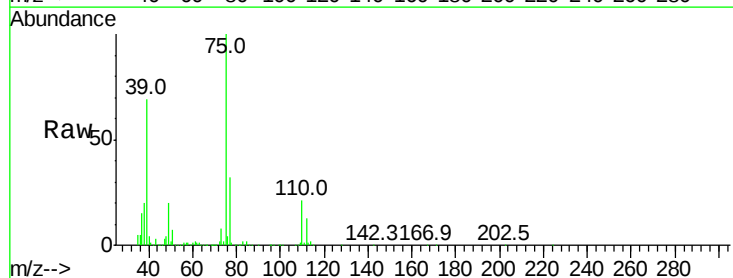
Delta R.T. -0.03 min

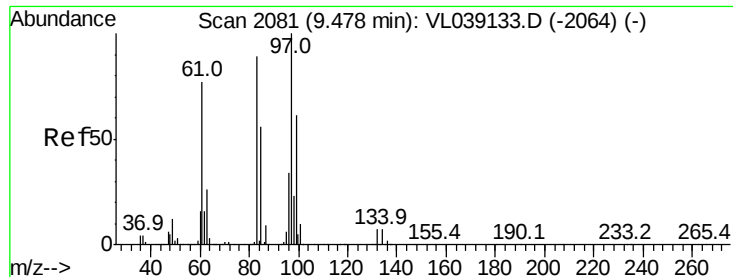
Lab File: VL039394.D

Acq: 29 Jun 2022 11:46

Tgt Ion: 75 Resp: 1472124

Ion	Ratio	Lower	Upper
75	100		
39	68.7	52.4	78.6
77	32.1	25.5	38.3





#47

1,1,2-Trichloroethane

Concen: 9.21 ppbv

RT: 9.45

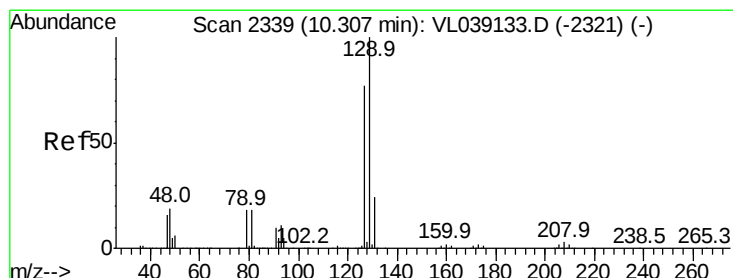
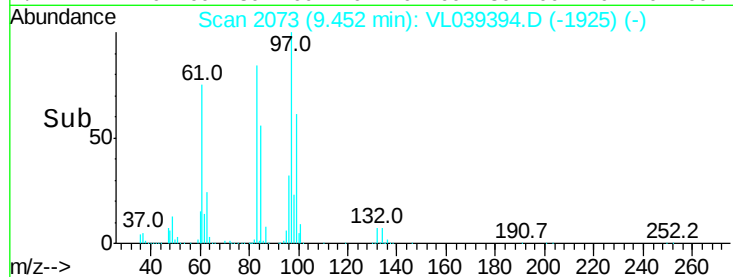
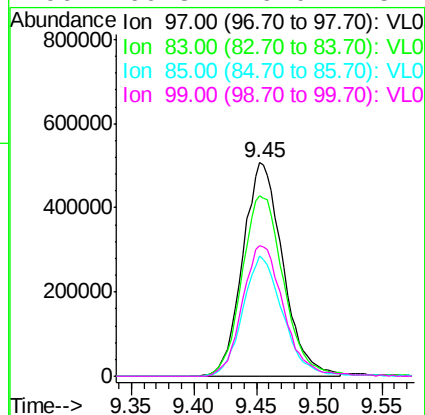
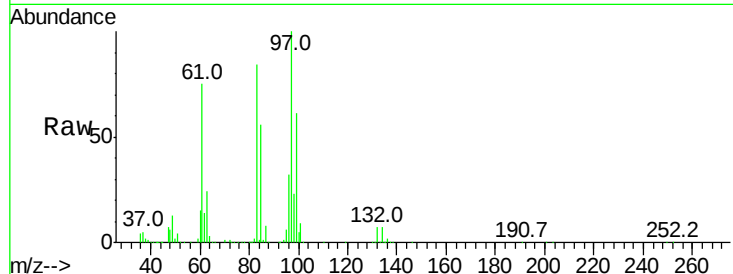
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Jun 2022 11:48

Tgt Ion: 97 Resp: 1128697

Ion	Ratio	Lower	Upper
97	100		
83	84.2	71.6	107.4
85	56.4	44.8	67.2
99	60.8	49.0	73.4



#48

Dibromochloromethane

Concen: 9.06 ppbv

RT: 10.28 min Scan# 2331

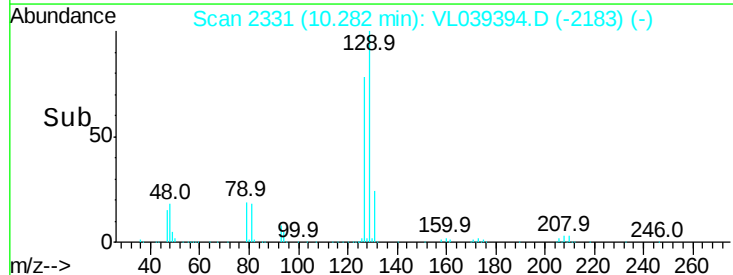
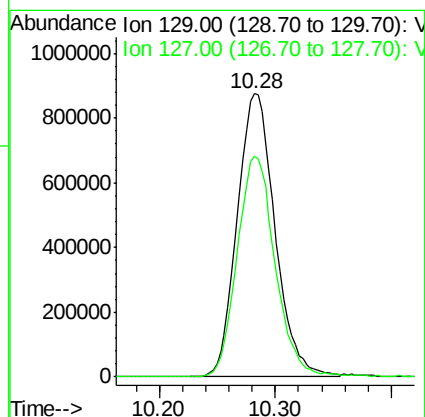
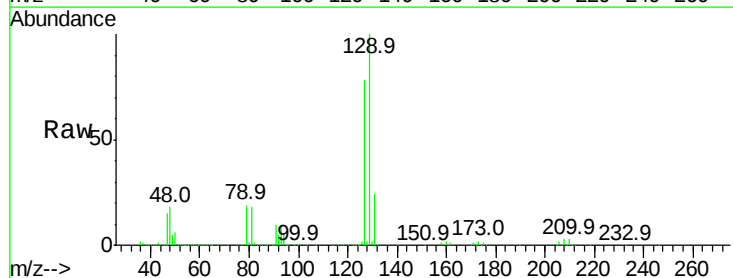
Delta R.T. -0.03 min

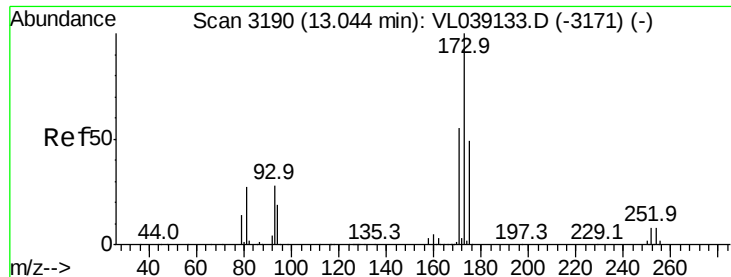
Lab File: VL039394.D

Acq: 29 Jun 2022 11:46

Tgt Ion: 129 Resp: 1982300

Ion	Ratio	Lower	Upper
129	100		
127	78.6	40.0	119.9





#49

Bromoform

Concen: 9.15 ppbv

RT: 13.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Jun 2022 11:48

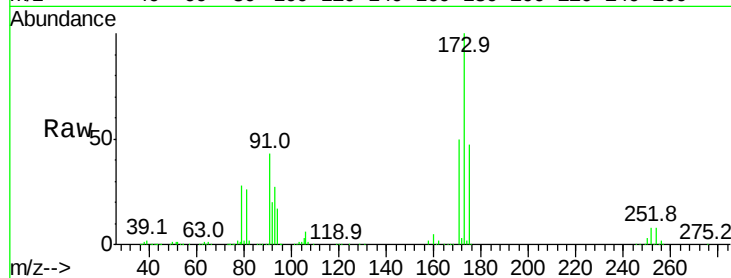
Tgt Ion: 173 Resp: 1670036

Ion Ratio Lower Upper

173 100

175 50.4 40.2 60.2

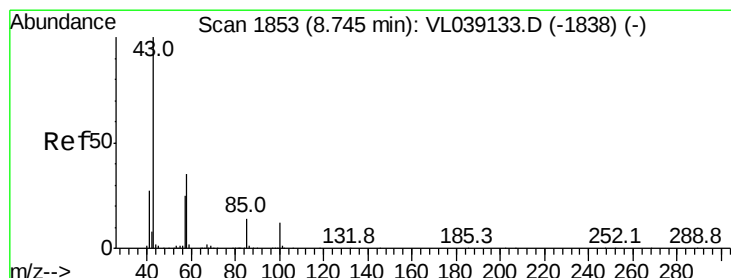
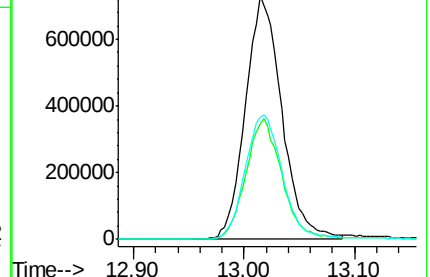
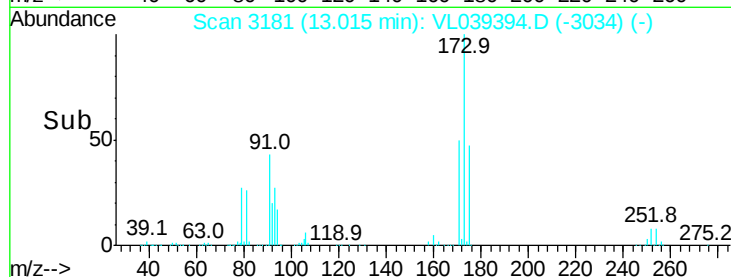
171 53.6 43.9 65.9



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.49 ppbv

RT: 8.72 min Scan# 1845

Delta R.T. -0.03 min

Lab File: VL039394.D

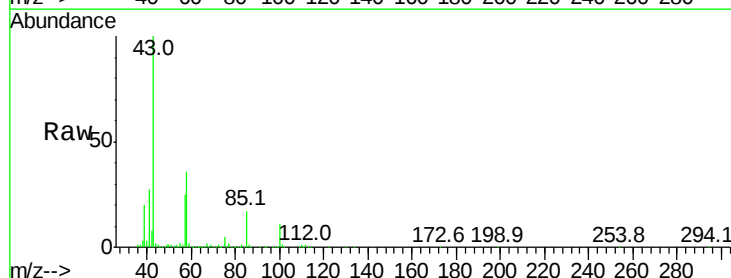
Acq: 29 Jun 2022 11:46

Tgt Ion: 43 Resp: 2809343

Ion Ratio Lower Upper

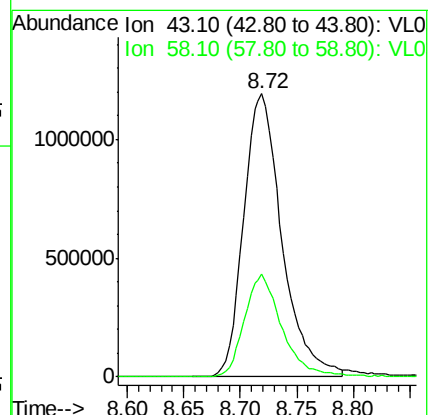
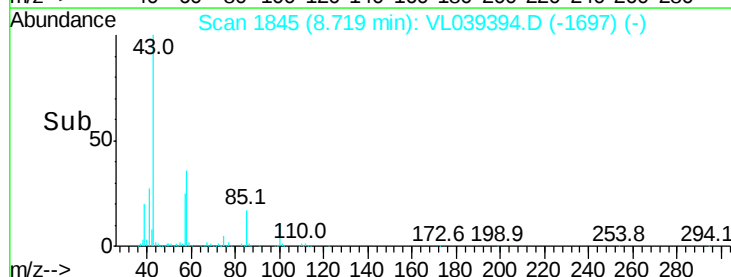
43 100

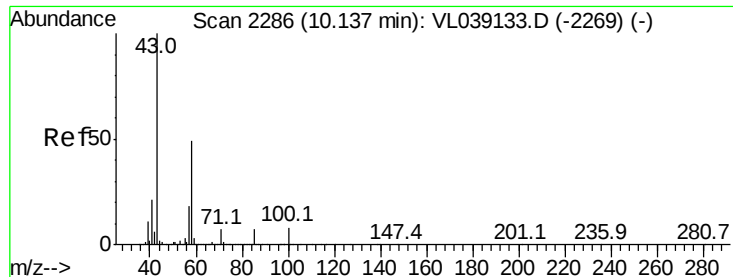
58 36.0 28.7 43.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

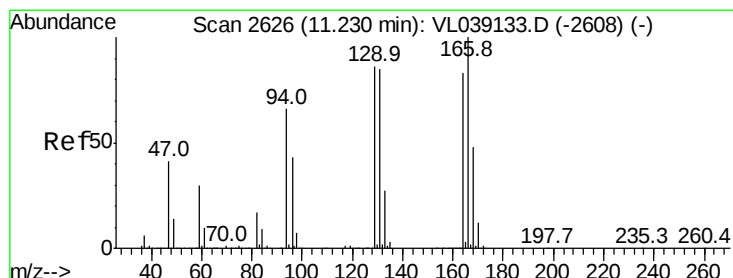
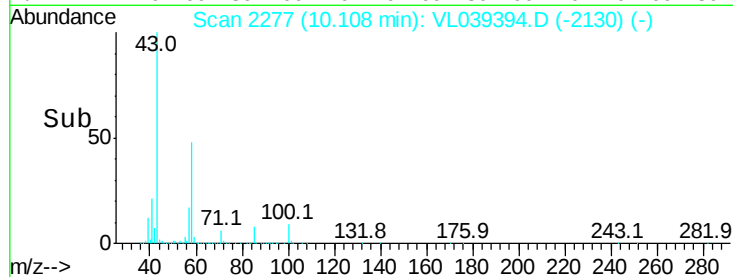
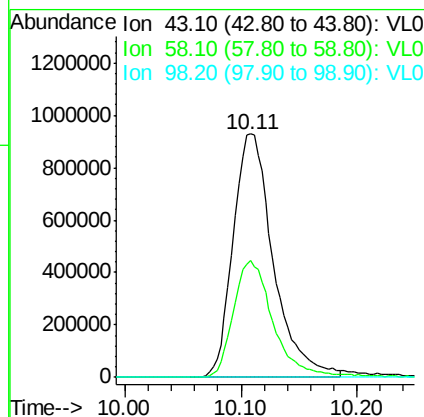
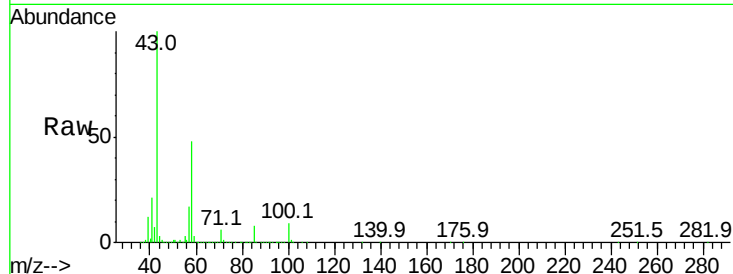




#51
2-Hexanone
Concen: 9.68 ppbv
RT: 10.11 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Jun 2022 11:46

Tgt Ion: 43 Resp: 2228599

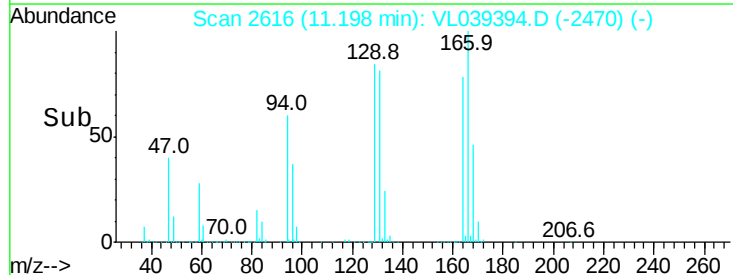
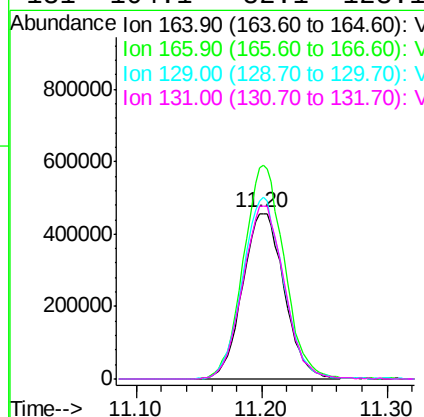
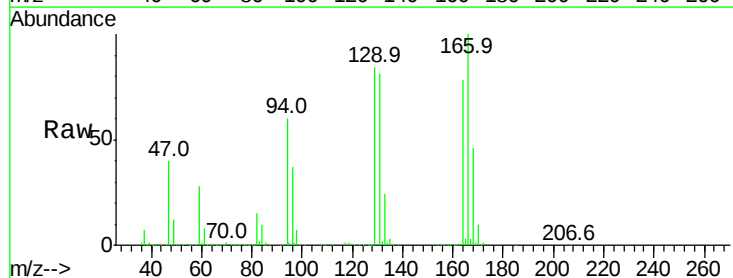
Ion	Ratio	Lower	Upper
43	100		
58	48.0	40.0	60.0
98	0.4	0.1	0.1#

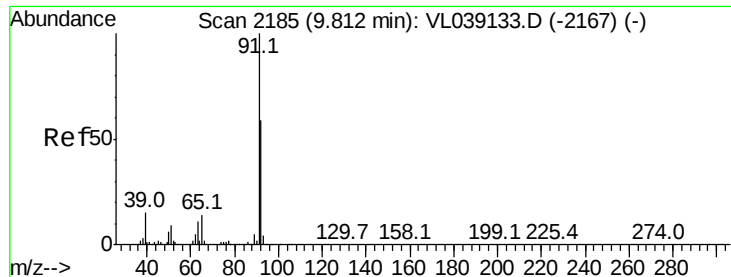


#52
Tetrachloroethene
Concen: 9.11 ppbv
RT: 11.20 min Scan# 2616
Delta R.T. -0.03 min
Lab File: VL039394.D
Acq: 29 Jun 2022 11:46

Tgt Ion: 164 Resp: 1050619

Ion	Ratio	Lower	Upper
164	100		
166	127.7	96.3	144.5
129	107.3	82.5	123.7
131	104.1	82.1	123.1





#53

Toluene

Concen: 9.54 ppbv

RT: 9.78 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDICCC010

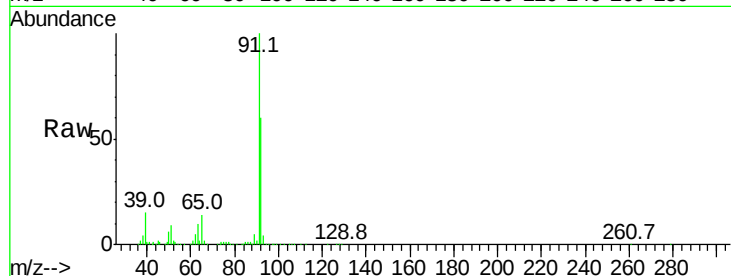
Acq: 29 Jun 2022 11:48

Tgt Ion: 91 Resp: 3246933

Ion Ratio Lower Upper

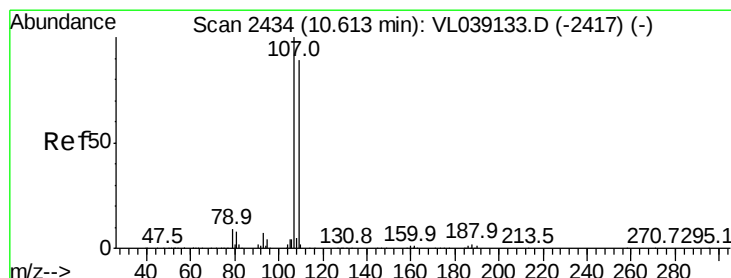
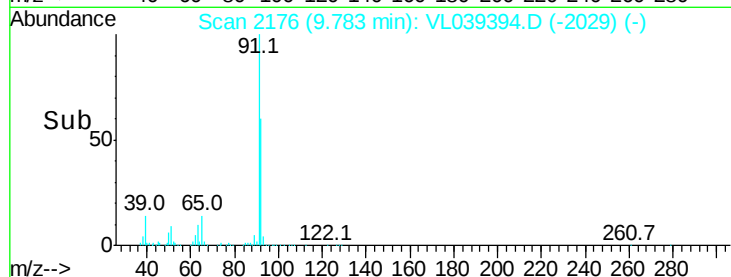
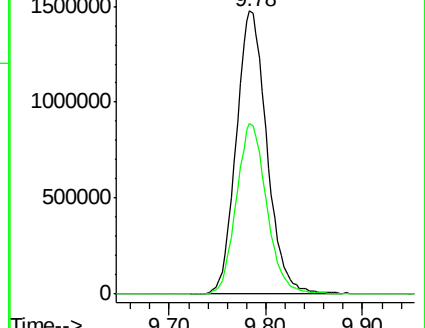
91 100

92 60.2 48.1 72.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 9.20 ppbv

RT: 10.59 min Scan# 2426

Delta R.T. -0.03 min

Lab File: VL039394.D

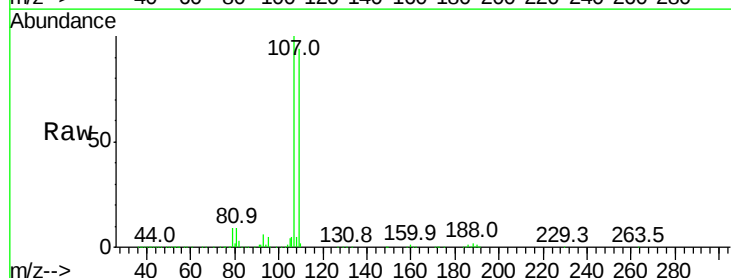
Acq: 29 Jun 2022 11:46

Tgt Ion: 107 Resp: 1515893

Ion Ratio Lower Upper

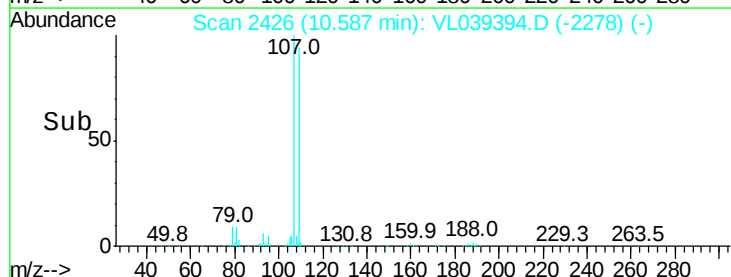
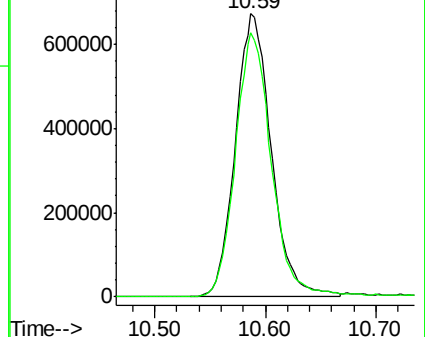
107 100

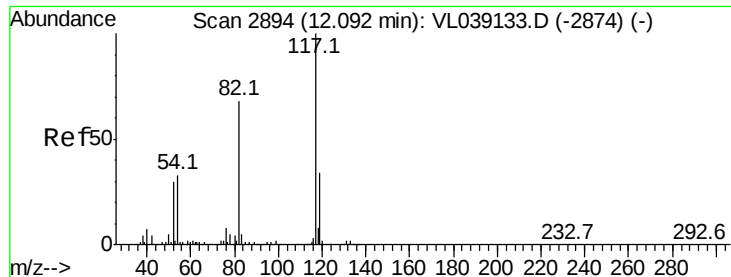
109 93.5 71.4 107.0



Abundance Ion 107.00 (106.70 to 107.70): V

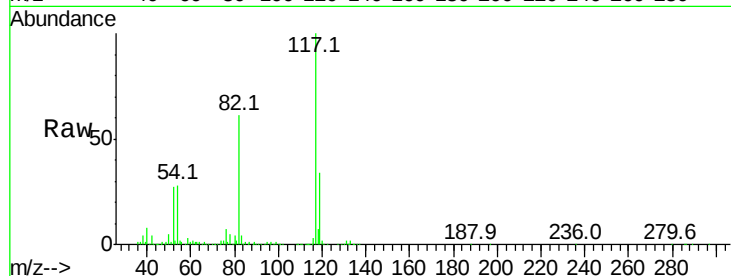
Ion 109.00 (108.70 to 109.70): V



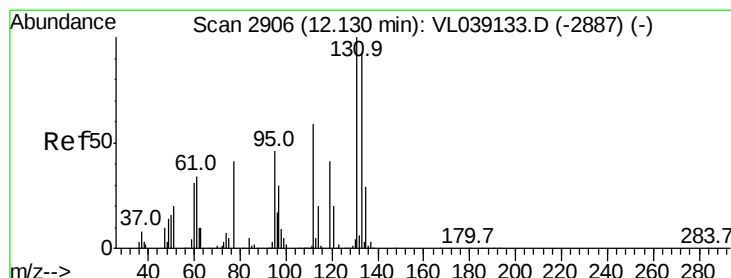
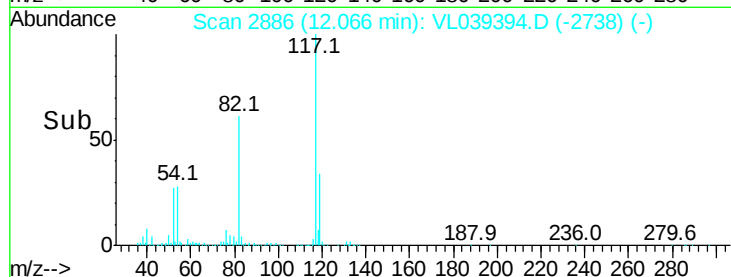
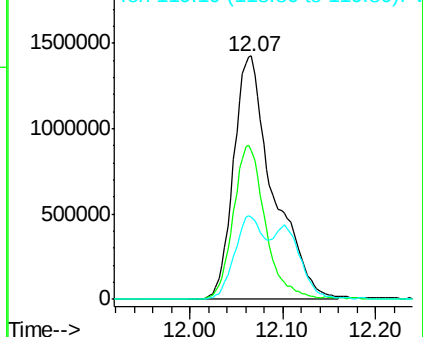


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 29 Jun 2022 11:48

Tgt Ion:117 Resp: 4228852
Ion Ratio Lower Upper
117 100
82 51.9 55.1 82.7#
119 24.6 24.7 37.1#

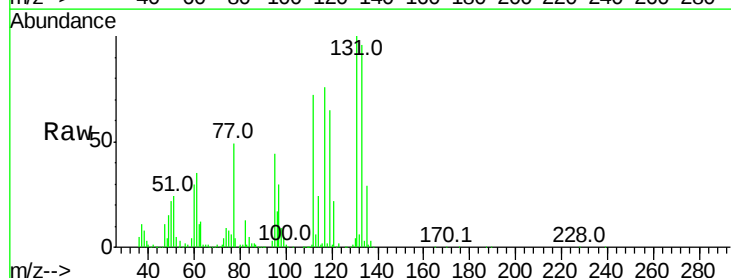


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V

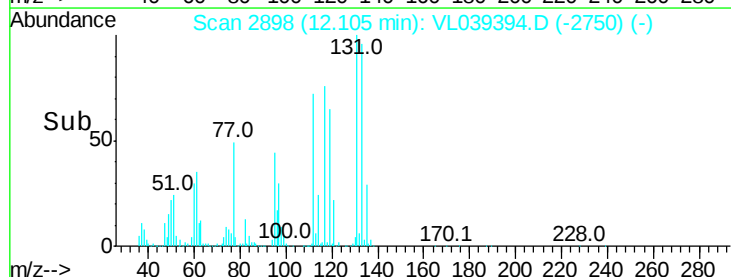
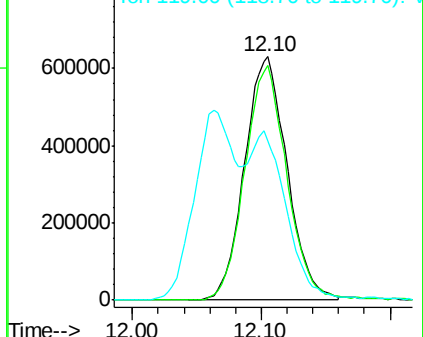


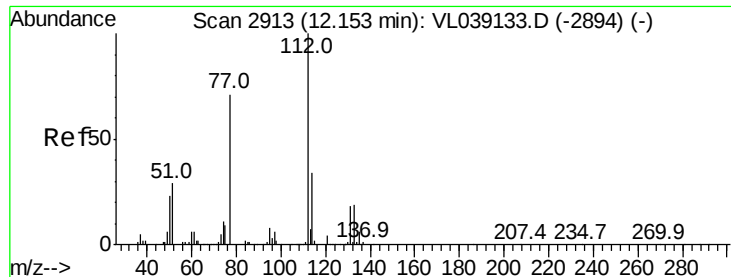
#56
1,1,1,2-Tetrachloroethane
Concen: 7.23 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.03 min
Lab File: VL039394.D
Acq: 29 Jun 2022 11:46

Tgt Ion:131 Resp: 1445923
Ion Ratio Lower Upper
131 100
133 96.0 78.6 117.8
119 57.8 51.7 77.5



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V





#57

Chlorobenzene

Concen: 7.82 ppbv

RT: 12.12

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Jun 2022 11:48

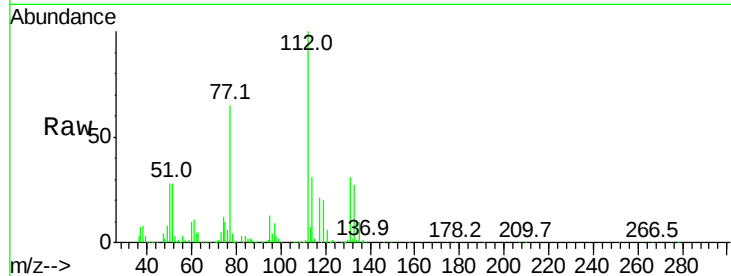
Tgt Ion: 112 Resp: 2489160

Ion Ratio Lower Upper

112 100

77 63.7 56.5 84.7

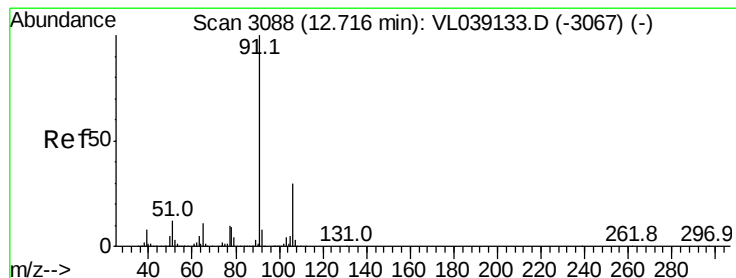
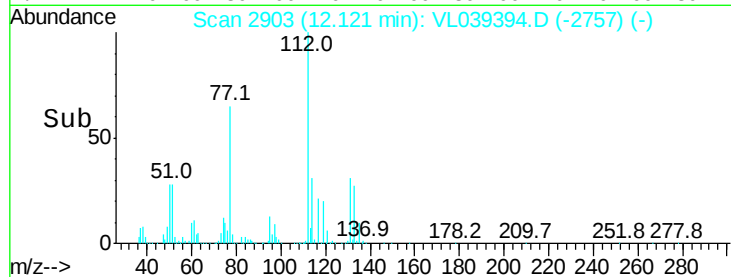
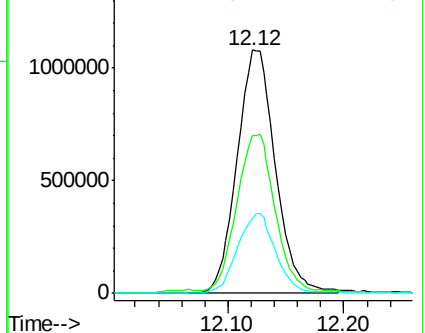
114 30.5 30.3 37.1



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 7.52 ppbv

RT: 12.69 min Scan# 3079

Delta R.T. -0.03 min

Lab File: VL039394.D

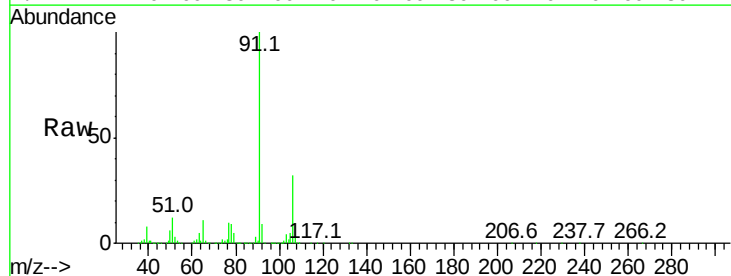
Acq: 29 Jun 2022 11:46

Tgt Ion: 91 Resp: 4378135

Ion Ratio Lower Upper

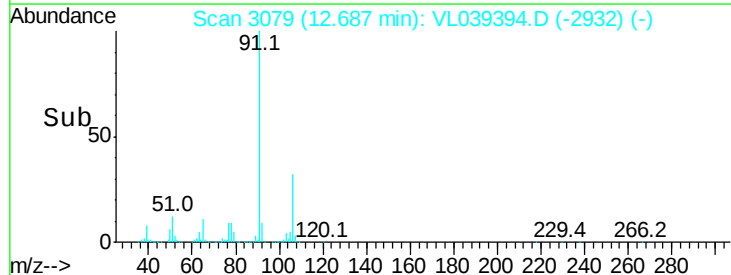
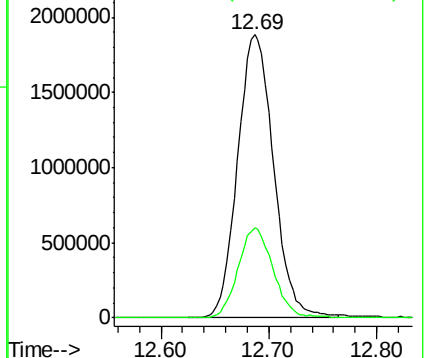
91 100

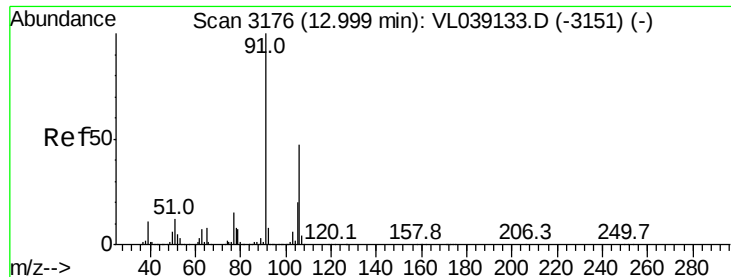
106 31.7 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

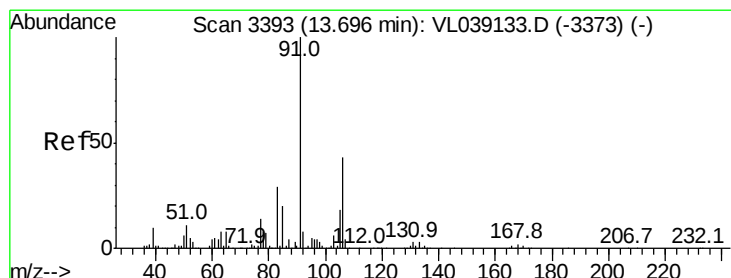
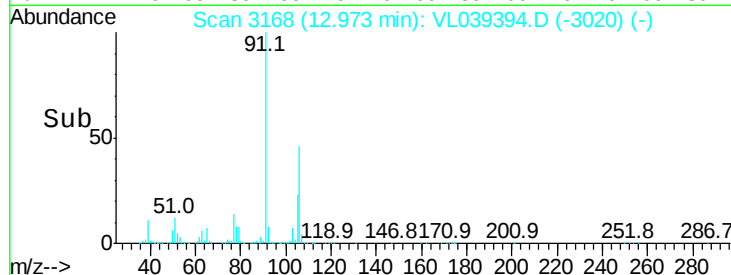
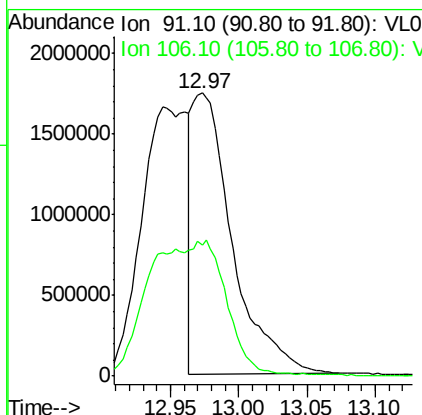
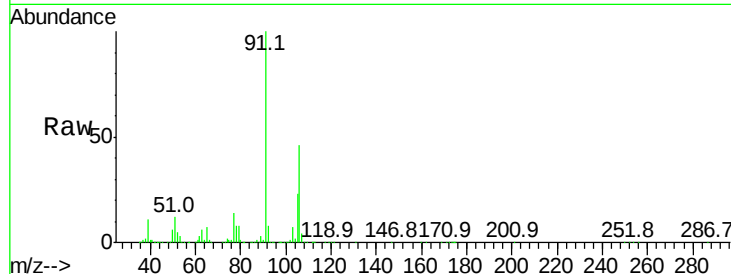
Ion 106.10 (105.80 to 106.80): V





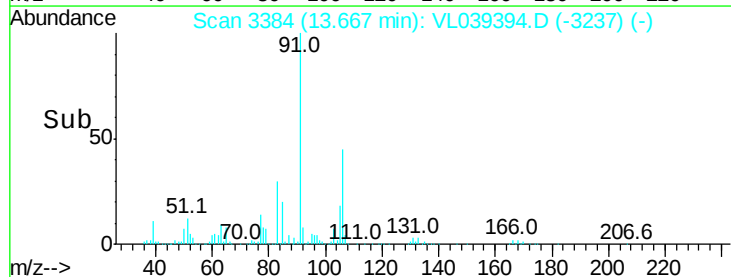
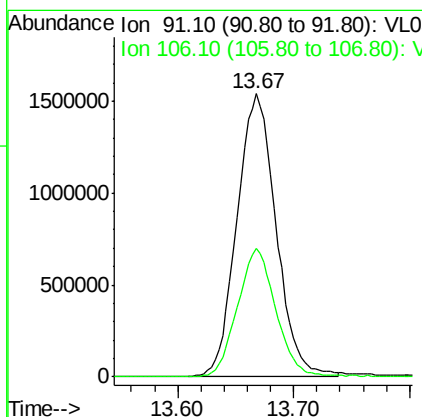
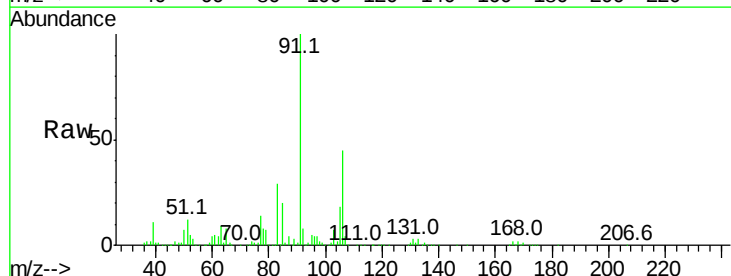
#59
m/p-Xylene
Concen: 6.88 ppbv
RT: 12.97 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Jun 2022 11:48

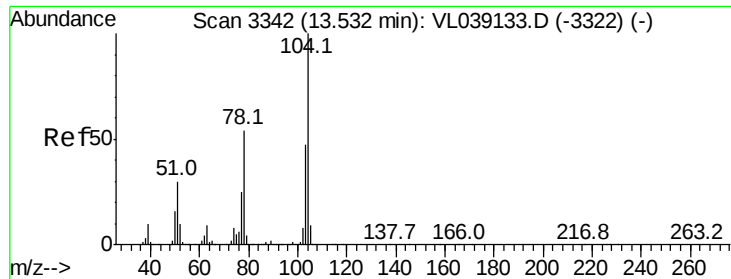
Tgt Ion: 91 Resp: 3529284
Ion Ratio Lower Upper
91 100
106 94.8 34.3 51.5#



#60
o-Xylene
Concen: 7.49 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.03 min
Lab File: VL039394.D
Acq: 29 Jun 2022 11:46

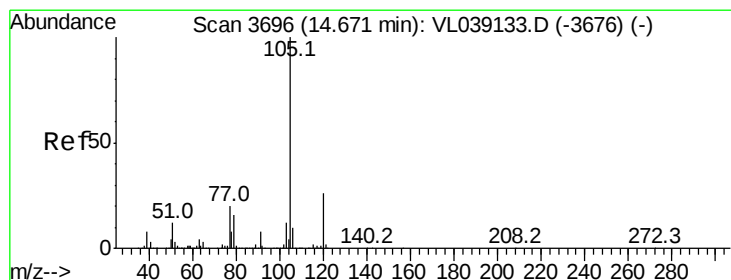
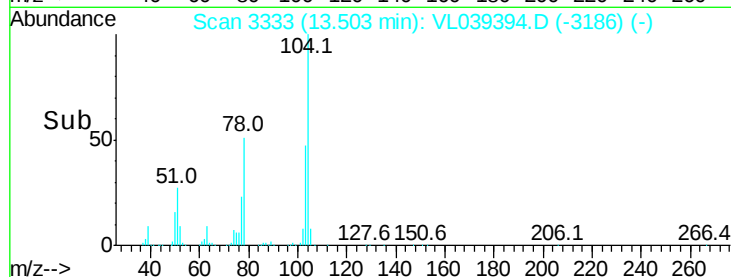
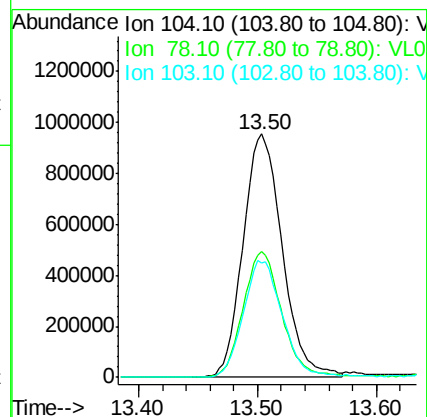
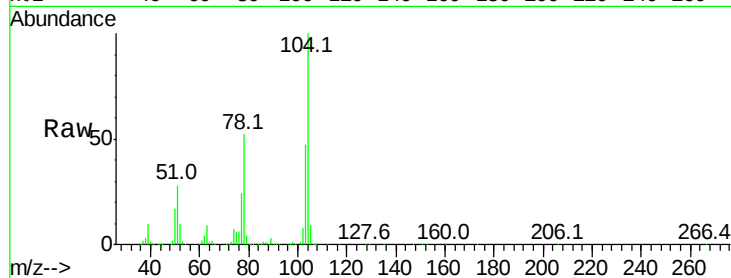
Tgt Ion: 91 Resp: 3607840
Ion Ratio Lower Upper
91 100
106 44.9 22.3 66.9





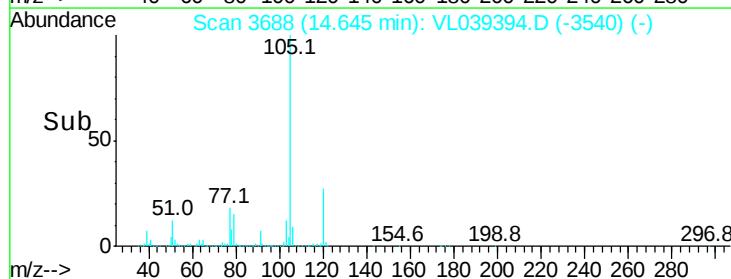
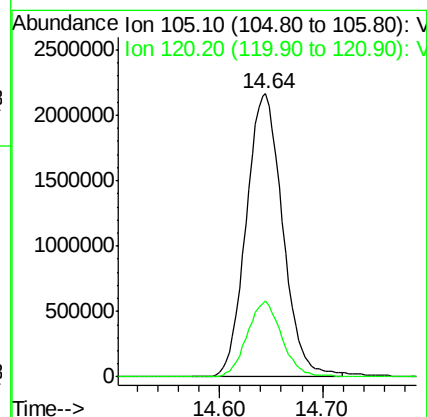
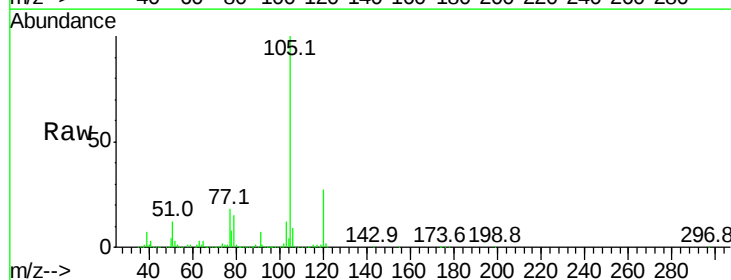
#61
Styrene
Concen: 8.45 ppbv
RT: 13.50
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDICCC010
Acq: 29 Jun 2022 11:48

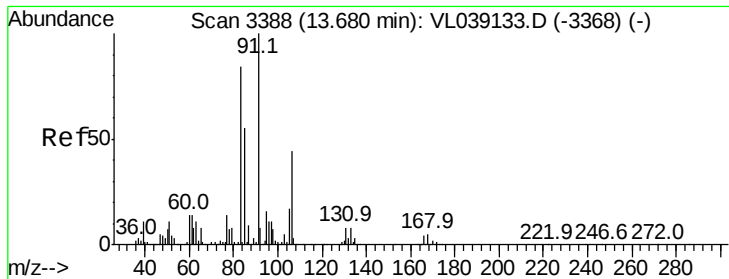
Tgt Ion:104 Resp: 2180386
Ion Ratio Lower Upper
104 100
78 51.5 45.7 68.5
103 48.4 39.6 59.4



#62
Isopropylbenzene
Concen: 7.42 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.03 min
Lab File: VL039394.D
Acq: 29 Jun 2022 11:46

Tgt Ion:105 Resp: 5315427
Ion Ratio Lower Upper
105 100
120 25.9 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 6.25 ppbv

RT: 13.65

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Jun 2022 11:48

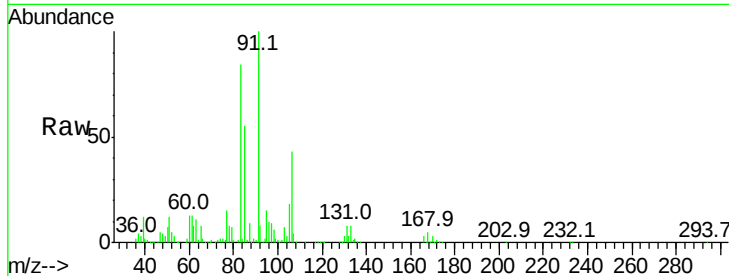
Tgt Ion: 83 Resp: 1690076

Ion Ratio Lower Upper

83 100

131 10.5 4.8 14.3

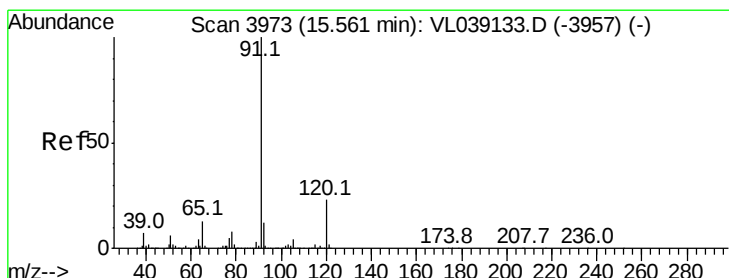
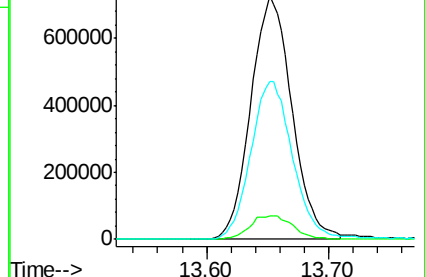
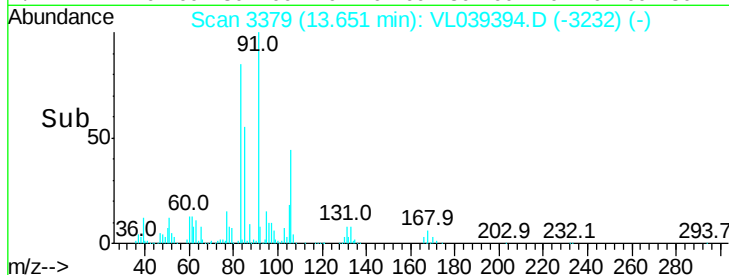
85 66.3 33.0 99.0



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.01 ppbv

RT: 15.54 min Scan# 3966

Delta R.T. -0.02 min

Lab File: VL039394.D

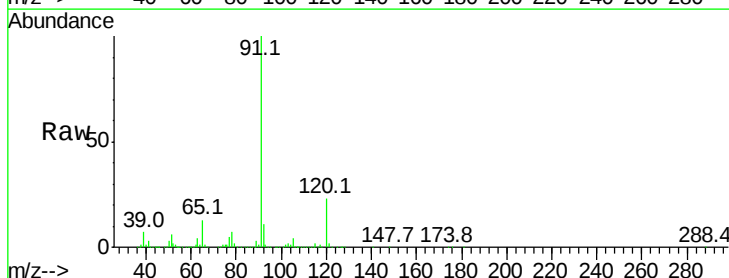
Acq: 29 Jun 2022 11:46

Tgt Ion: 120 Resp: 1410080

Ion Ratio Lower Upper

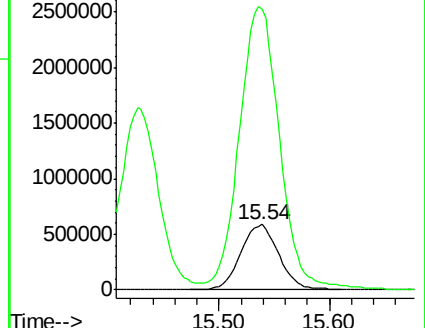
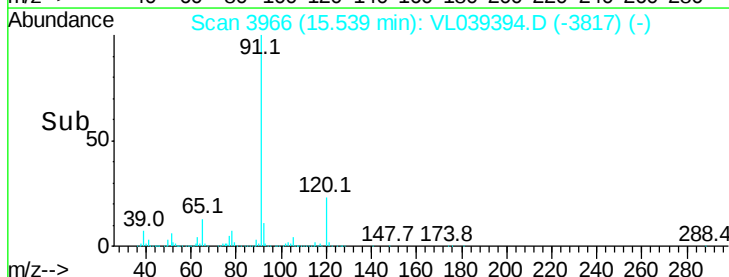
120 100

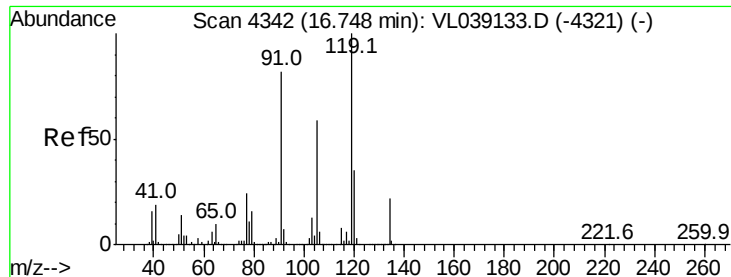
91 459.0 388.4 582.6



Abundance Ion 120.20 (119.90 to 120.90): VL0

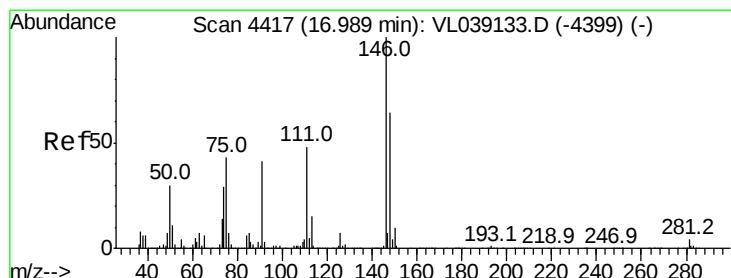
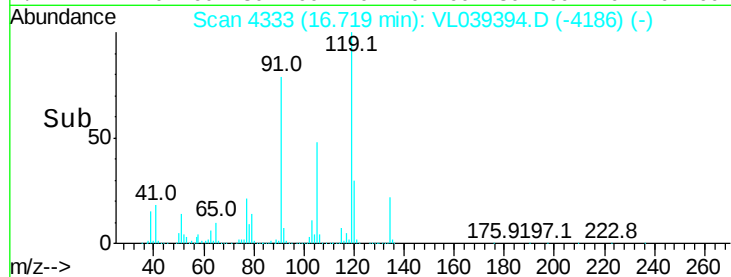
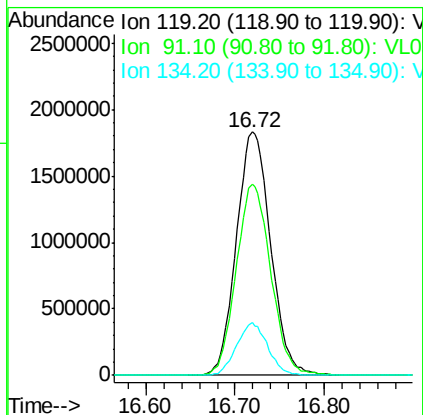
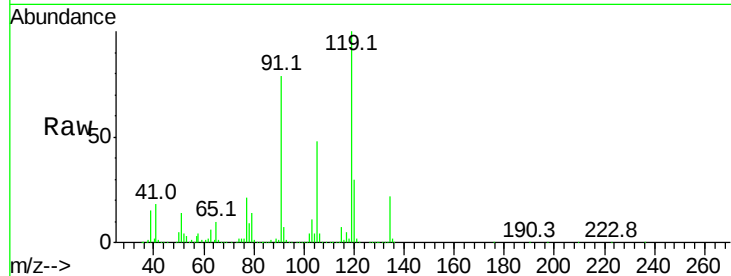
Ion 91.10 (90.80 to 91.80): VL0





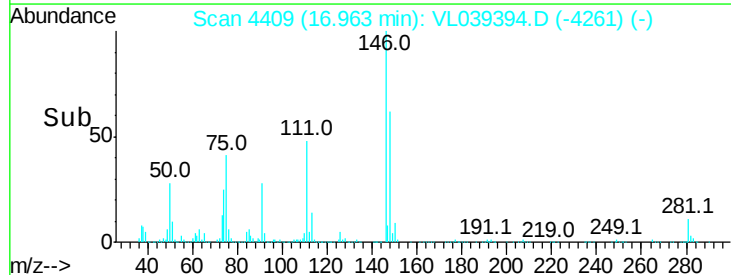
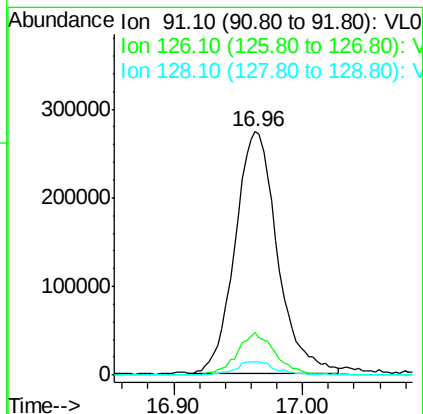
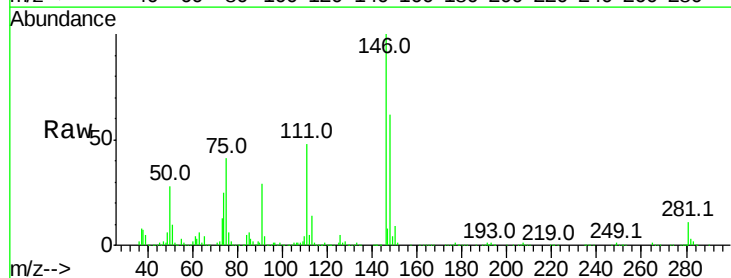
#65
tert-Butylbenzene
Concen: 7.44 ppbv
RT: 16.72 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VSTDICCC010
Acq: 29 Jun 2022 11:48

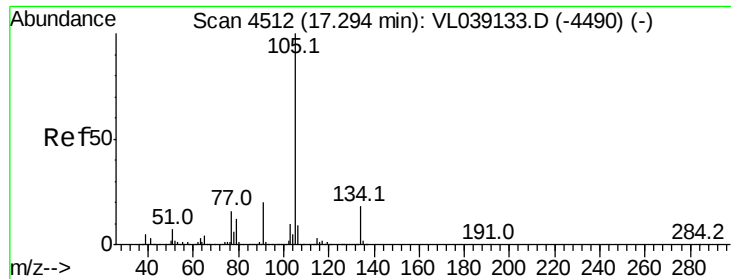
Tgt Ion	Ratio	Lower	Upper
119	100		
91	79.3	67.1	100.7
134	19.9	15.8	23.8



#66
Benzyl Chloride
Concen: 7.26 ppbv
RT: 16.96 min Scan# 4409
Delta R.T. -0.03 min
Lab File: VL039394.D
Acq: 29 Jun 2022 11:46

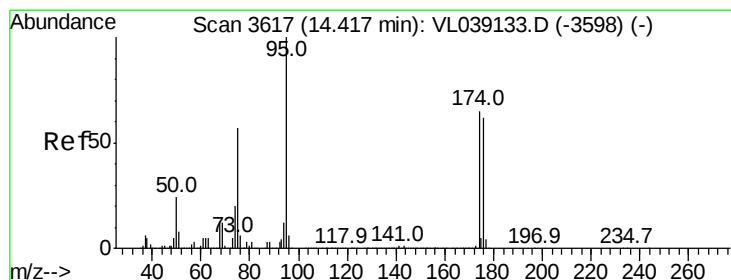
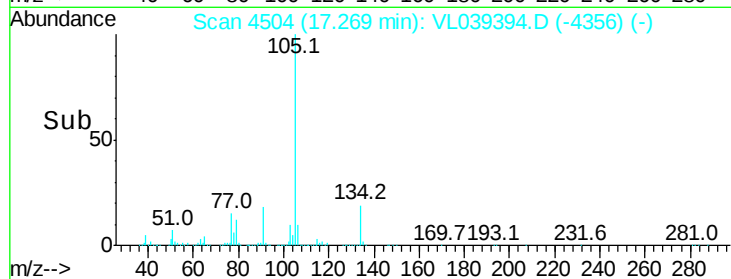
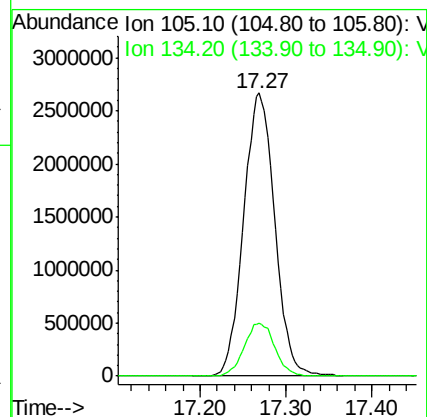
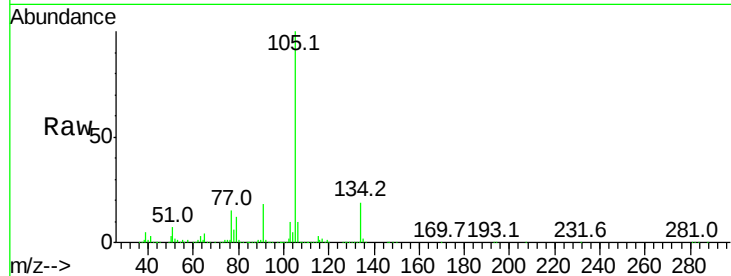
Tgt Ion	Ratio	Lower	Upper
91	100		
126	16.4	13.4	20.0
128	5.5	4.1	6.1





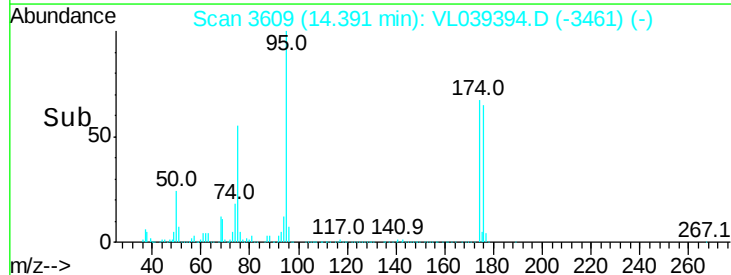
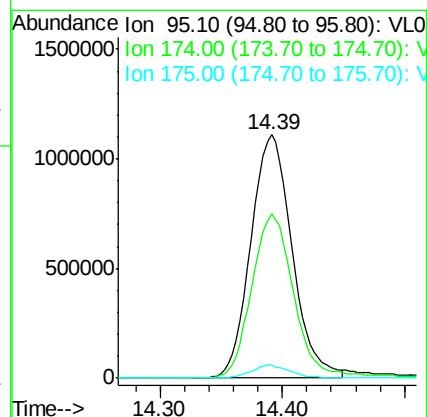
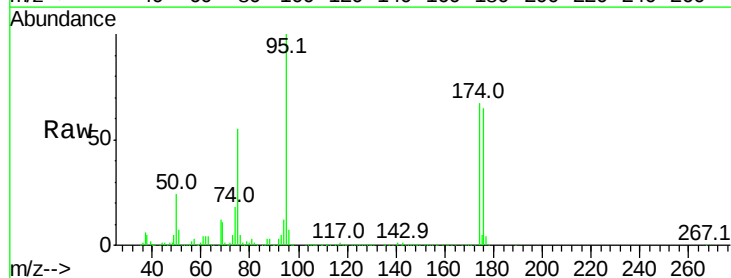
#67
 sec-Butylbenzene
 Concen: 7.50 ppbv
 RT: 17.27
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VSTDICCC010
 Acq: 29 Jun 2022 11:48

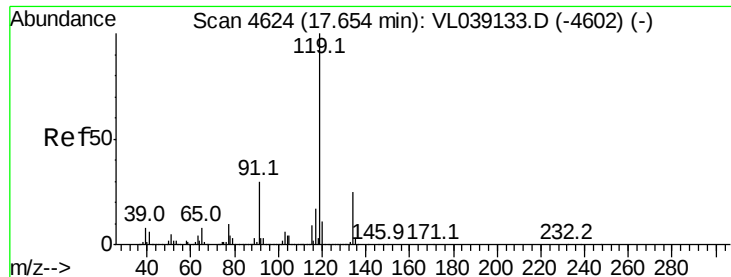
Tgt Ion: 105 Resp: 6701472
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.43 ppbv
 RT: 14.39 min Scan# 3609
 Delta R.T. -0.03 min
 Lab File: VL039394.D
 Acq: 29 Jun 2022 11:46

Tgt Ion: 95 Resp: 2597779
 Ion Ratio Lower Upper
 95 100
 174 69.9 53.8 80.8
 175 5.3 4.1 6.1





#69

p-Isopropyltoluene

Concen: 7.66 ppbv

RT: 17.63

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Jun 2022 11:48

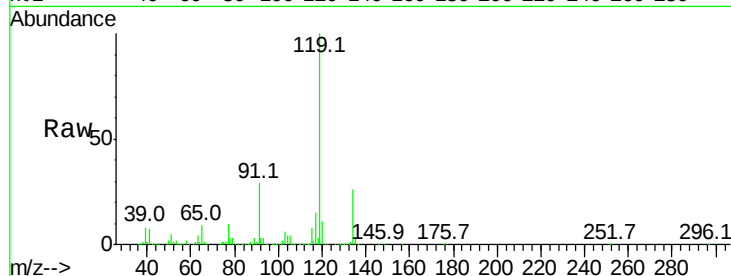
Tgt Ion: 119 Resp: 5777995

Ion Ratio Lower Upper

119 100

134 25.4 20.4 30.6

91 28.6 24.2 36.4

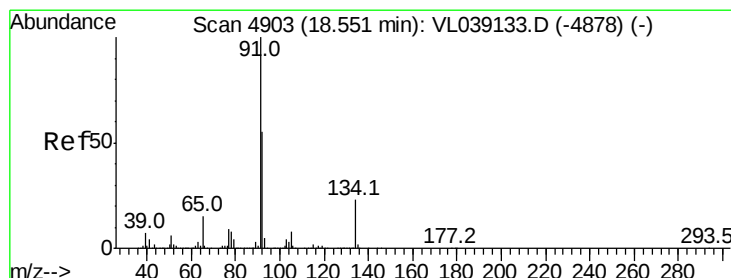
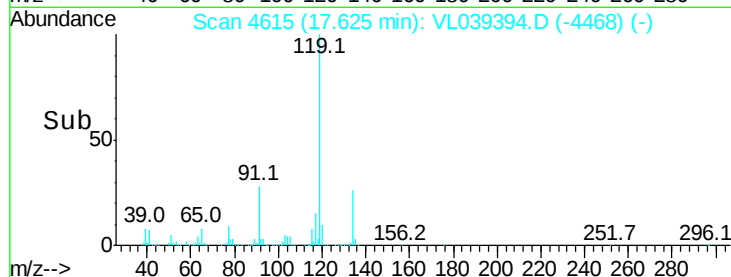


Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V

Time--> 17.50 17.63 17.70



#70

n-Butylbenzene

Concen: 7.35 ppbv

RT: 18.52 min Scan# 4894

Delta R.T. -0.03 min

Lab File: VL039394.D

Acq: 29 Jun 2022 11:46

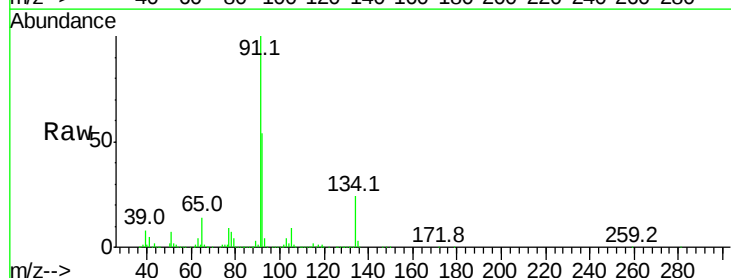
Tgt Ion: 91 Resp: 5686417

Ion Ratio Lower Upper

91 100

92 54.3 43.6 65.4

134 23.6 17.7 26.5

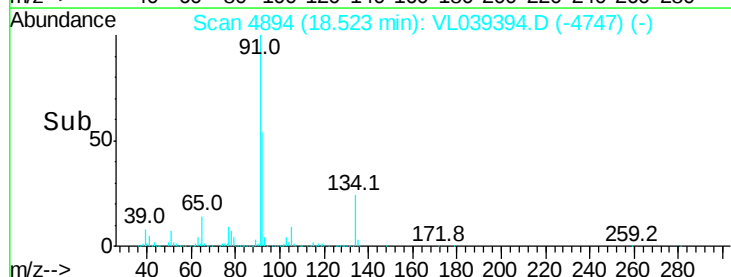


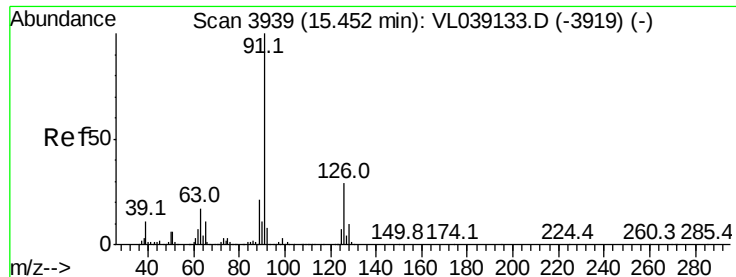
Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

Ion 134.20 (133.90 to 134.90): V

Time--> 18.40 18.52 18.60





#71

2-Chlorotoluene

Concen: 7.18 ppbv

RT: 15.43

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

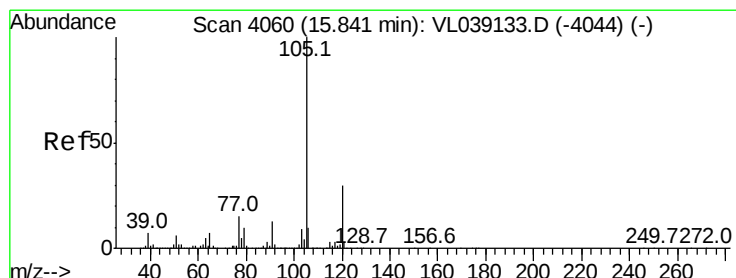
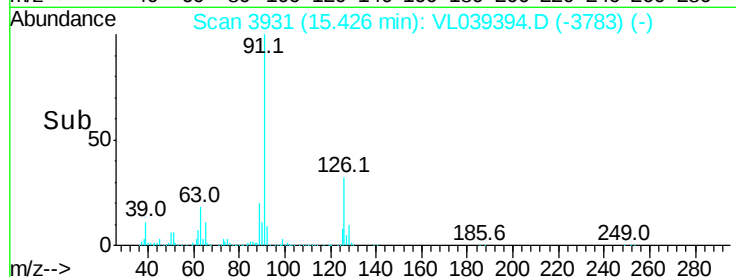
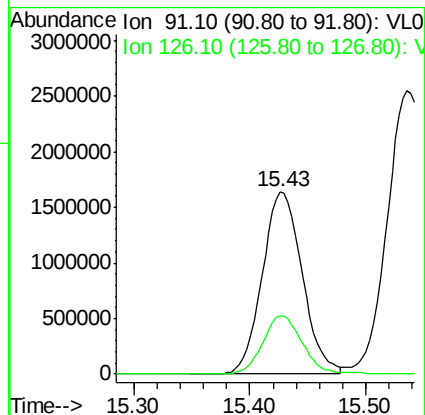
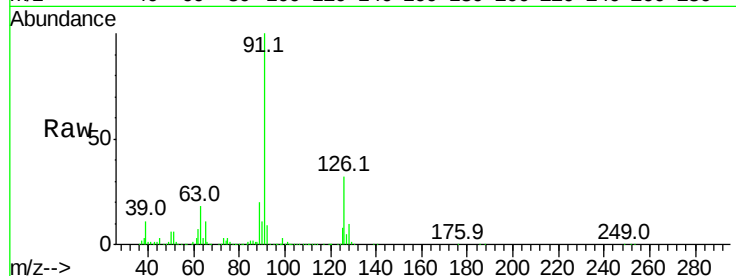
Acq: 29 Jun 2022 11:48

Tgt Ion: 91 Resp: 3921670

Ion Ratio Lower Upper

91 100

126 32.4 12.2 48.6



#72

4-Ethyltoluene

Concen: 7.66 ppbv

RT: 15.82 min Scan# 4052

Delta R.T. -0.03 min

Lab File: VL039394.D

Acq: 29 Jun 2022 11:46

Tgt Ion:105 Resp: 4328618

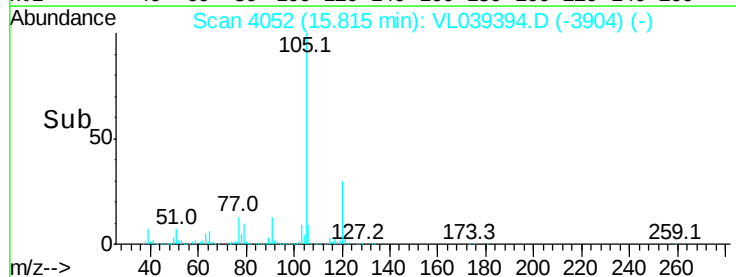
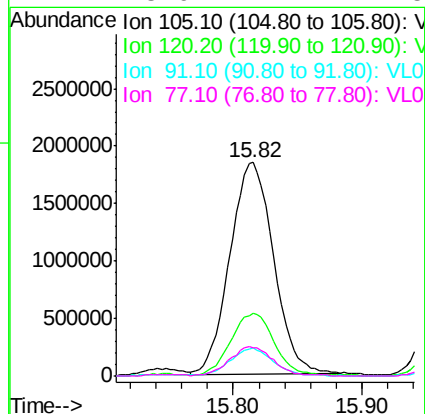
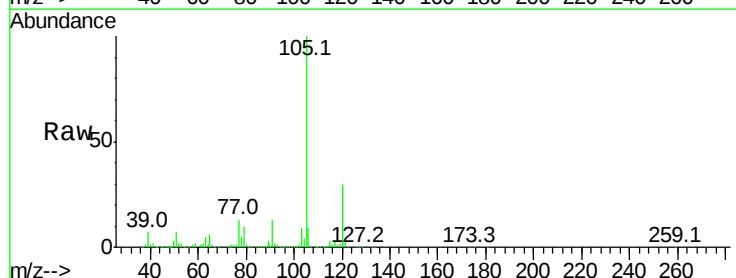
Ion Ratio Lower Upper

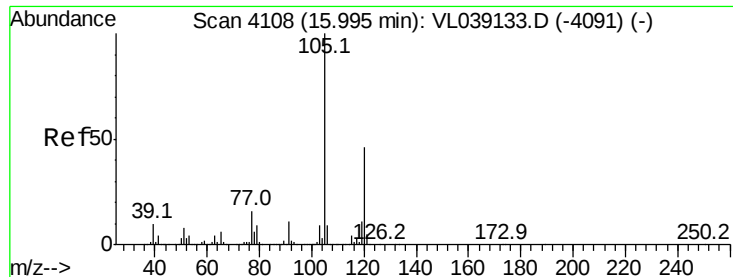
105 100

120 30.2 23.9 35.9

91 12.8 10.6 16.0

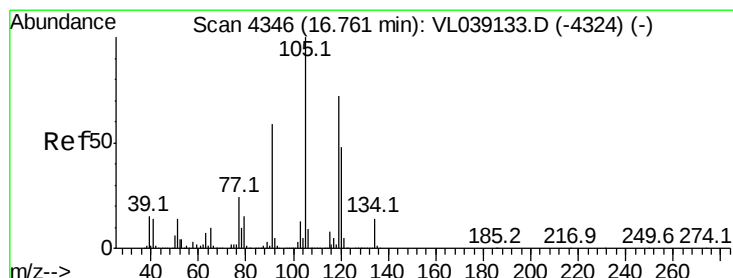
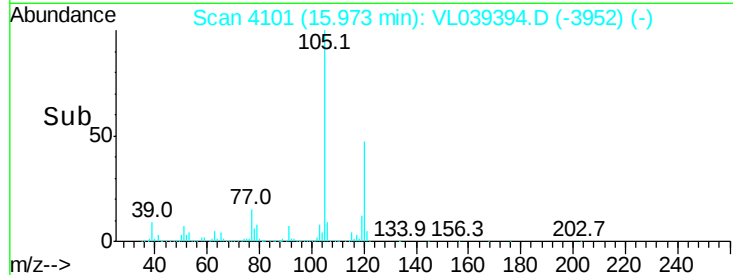
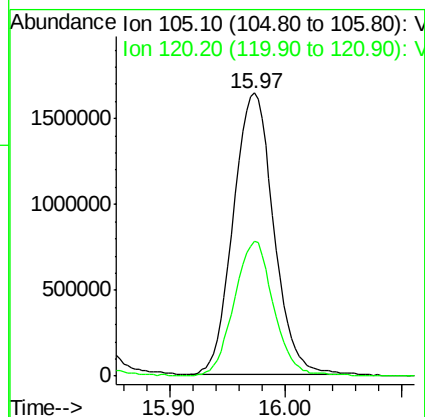
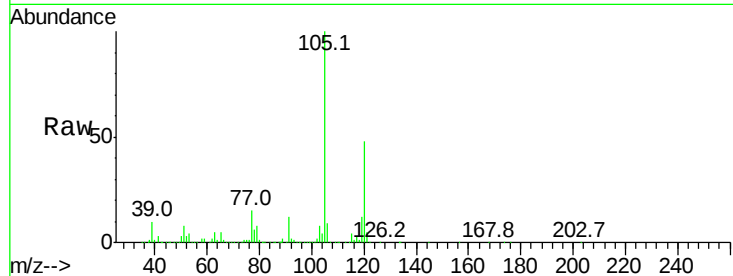
77 13.9 11.7 17.5





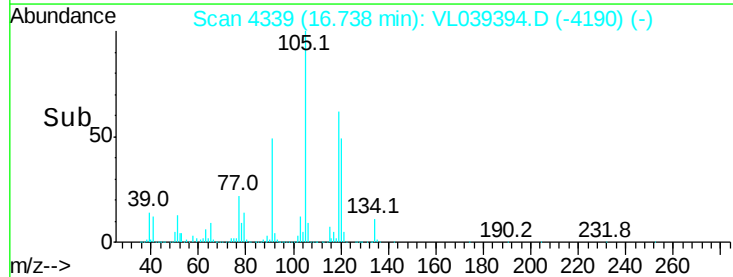
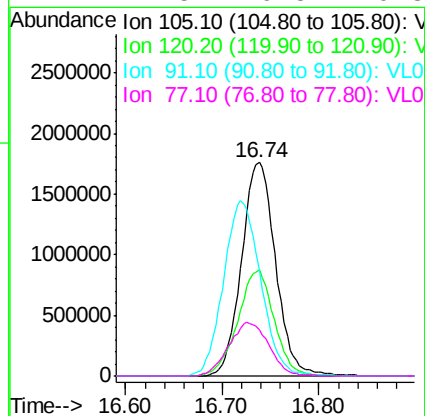
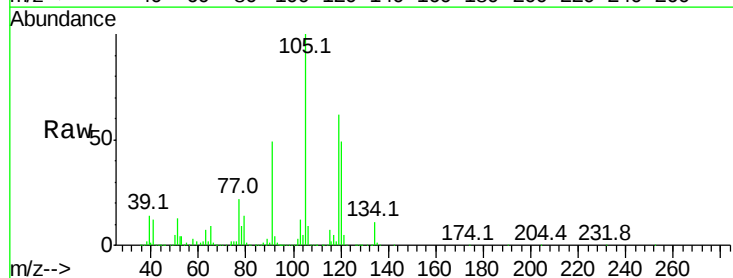
#73
 1,3,5-Trimethylbenzene
 Concen: 7.78 ppbv
 RT: 15.97
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 29 Jun 2022 11:48

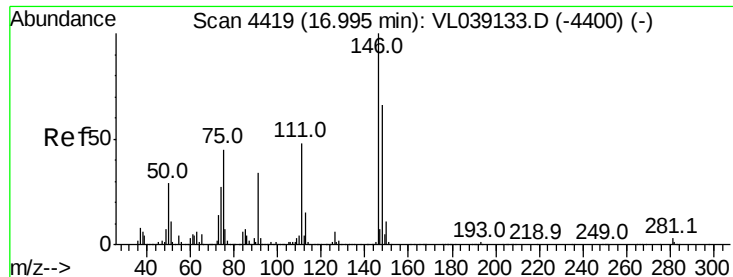
Tgt Ion:105 Resp: 3963054
 Ion Ratio Lower Upper
 105 100
 120 47.8 36.7 55.1



#74
 1,2,4-Trimethylbenzene
 Concen: 7.56 ppbv
 RT: 16.74 min Scan# 4339
 Delta R.T. -0.02 min
 Lab File: VL039394.D
 Acq: 29 Jun 2022 11:46

Tgt Ion:105 Resp: 4299659
 Ion Ratio Lower Upper
 105 100
 120 49.4 38.1 57.1
 91 49.0 47.4 71.0
 77 21.5 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 8.02 ppbv

RT: 16.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDICCC010

Acq: 29 Jun 2022 11:48

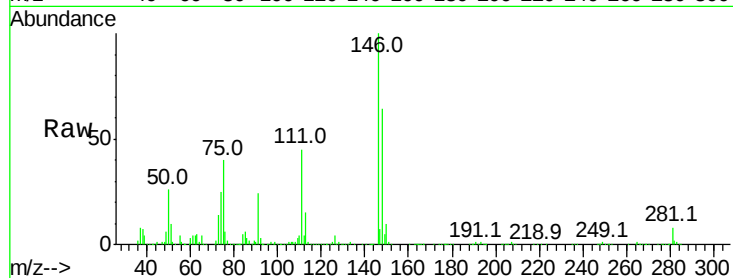
Tgt Ion:146 Resp: 2581768

Ion Ratio Lower Upper

146 100

111 45.8 23.8 71.4

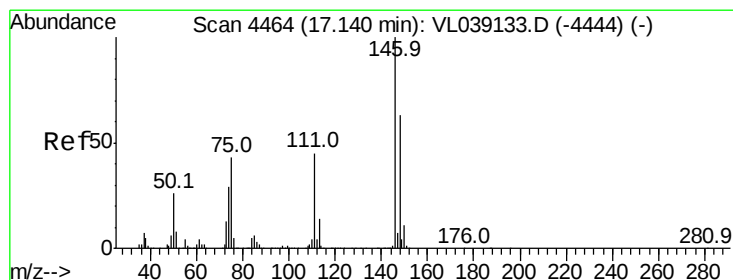
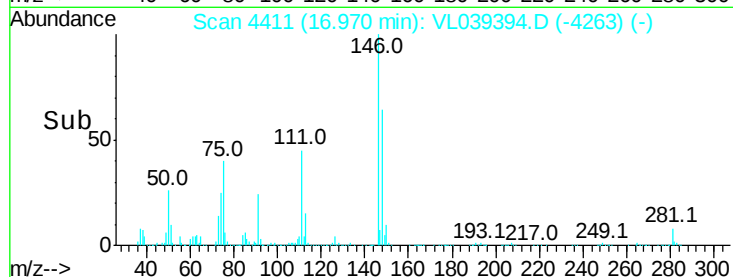
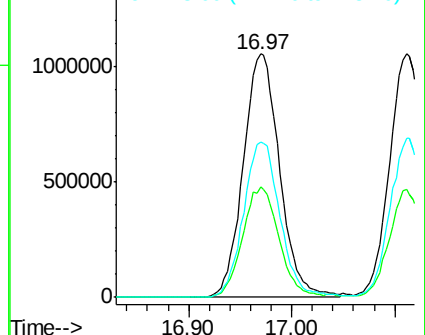
148 64.3 32.4 97.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 7.74 ppbv

RT: 17.11 min Scan# 4455

Delta R.T. -0.03 min

Lab File: VL039394.D

Acq: 29 Jun 2022 11:46

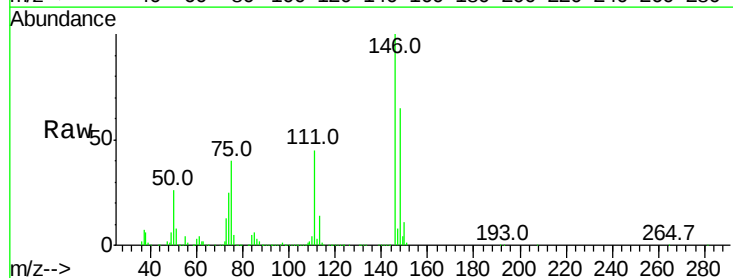
Tgt Ion:146 Resp: 2485210

Ion Ratio Lower Upper

146 100

111 45.9 23.6 71.0

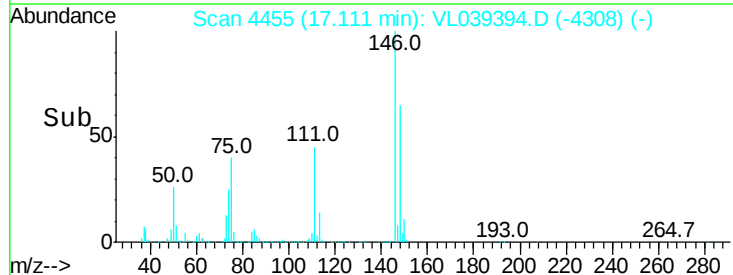
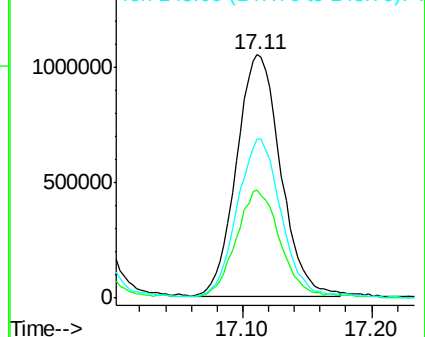
148 67.2 33.7 101.0

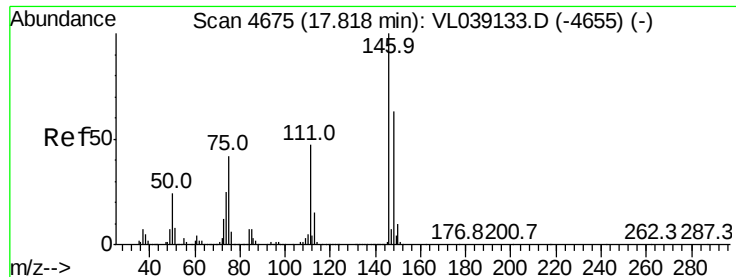


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 7.79 ppbv

RT: 17.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Jun 2022 11:48

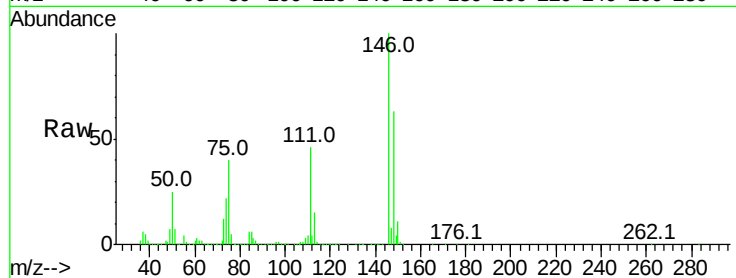
Tgt Ion:146 Resp: 2525394

Ion Ratio Lower Upper

146 100

111 47.7 24.4 73.4

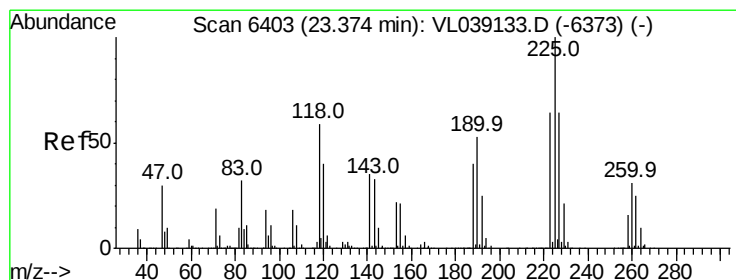
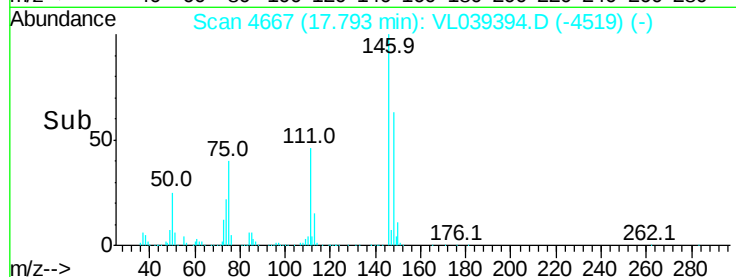
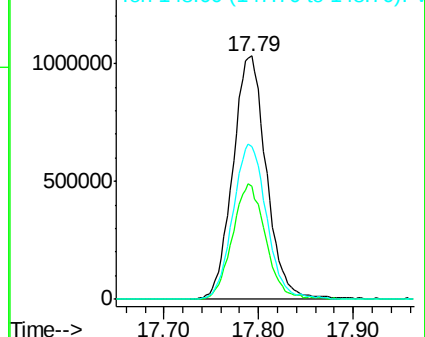
148 64.5 32.1 96.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 6.06 ppbv

RT: 23.35 min Scan# 6394

Delta R.T. -0.03 min

Lab File: VL039394.D

Acq: 29 Jun 2022 11:46

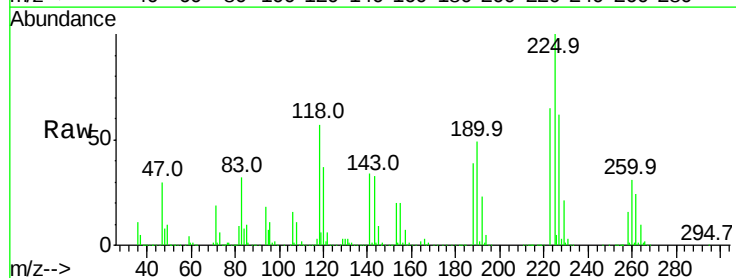
Tgt Ion:225 Resp: 1798124

Ion Ratio Lower Upper

225 100

223 64.7 51.4 77.0

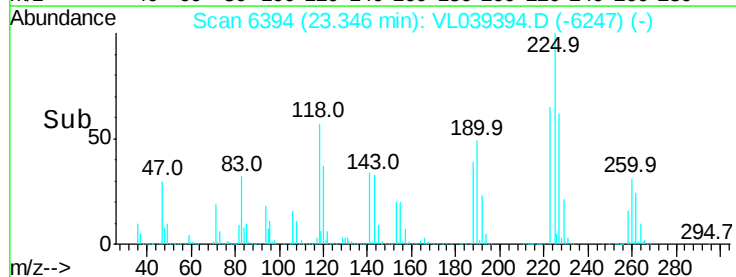
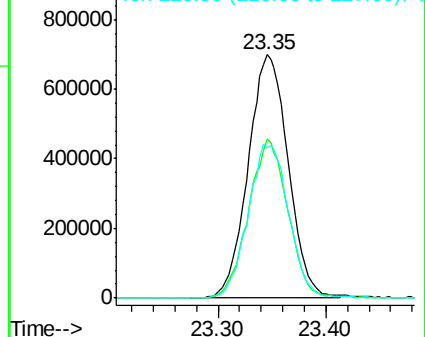
227 64.3 50.6 75.8

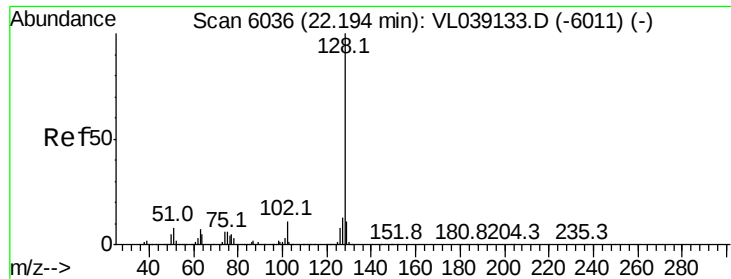


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V

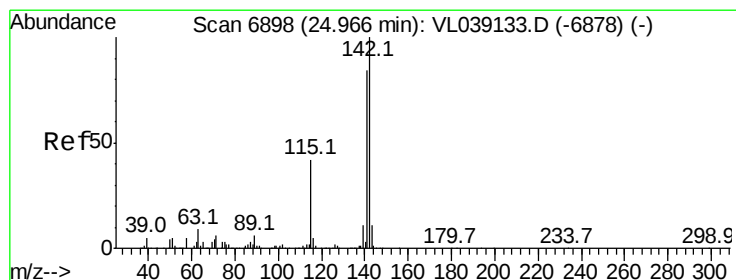
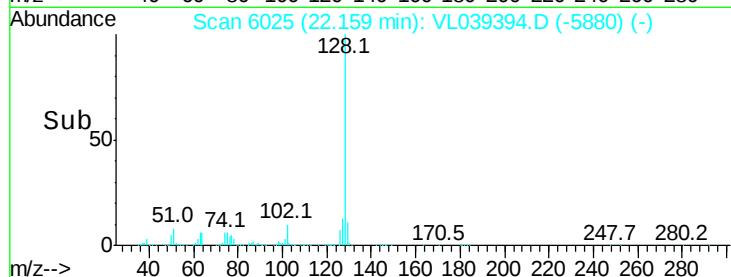
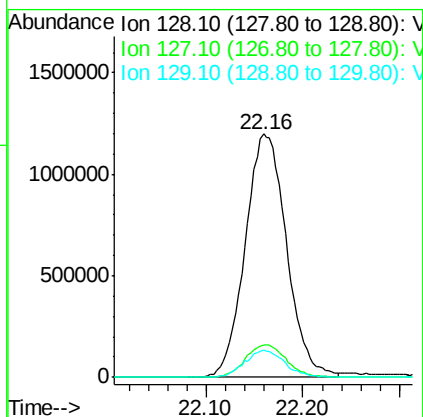
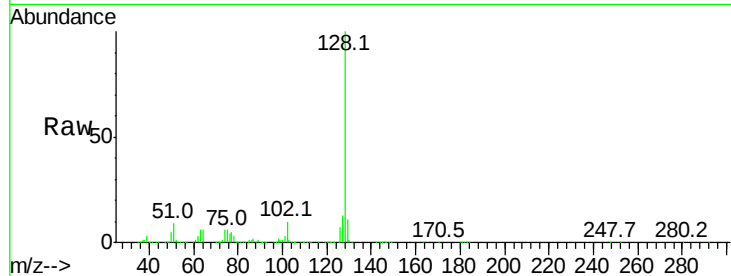




#79
Naphthalene
Concen: 8.12 ppbv
RT: 22.16
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDICCC010
Acq: 29 Jun 2022 11:48

Tgt Ion:128 Resp: 3556382

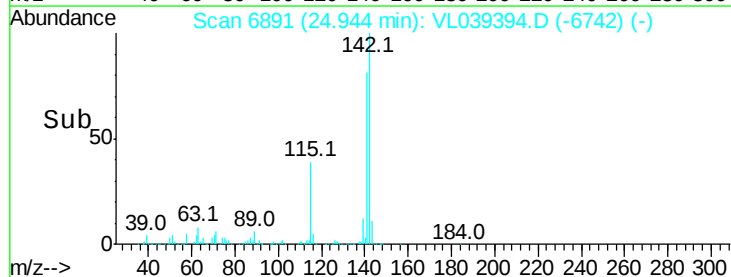
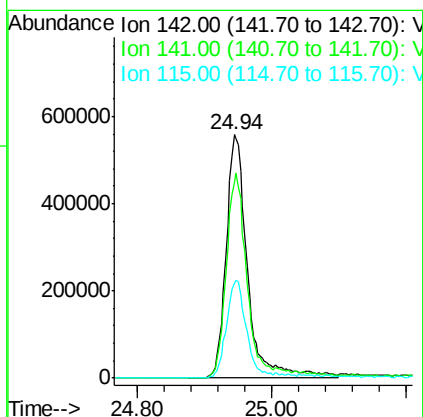
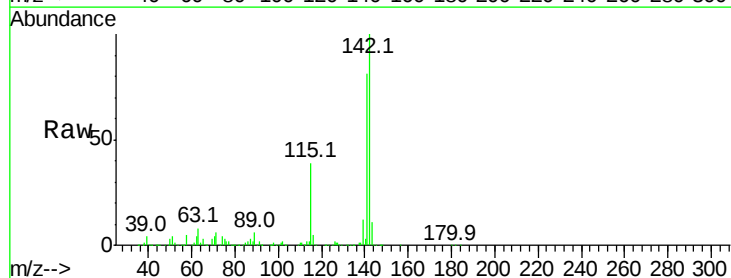
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	9.0	13.6

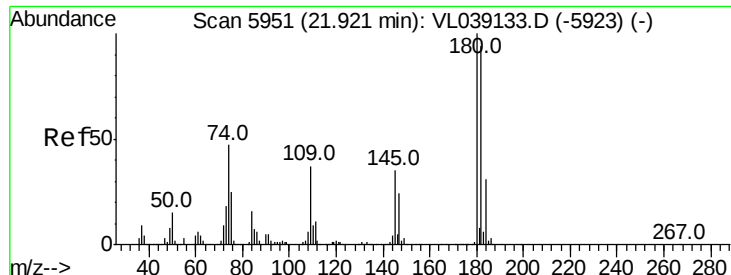


#80
Naphthalene, 2-methyl-
Concen: 7.65 ppbv
RT: 24.94 min Scan# 6891
Delta R.T. -0.02 min
Lab File: VL039394.D
Acq: 29 Jun 2022 11:46

Tgt Ion:142 Resp: 1243369

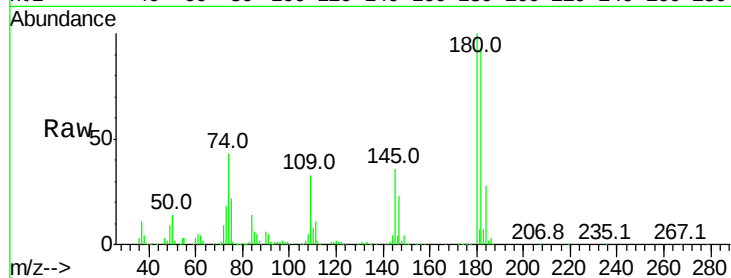
Ion	Ratio	Lower	Upper
142	100		
141	86.1	64.6	96.8
115	37.5	32.7	49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 7.26 ppbv
 RT: 21.89
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 29 Jun 2022 11:48

Tgt Ion:180 Resp: 2013588
 Ion Ratio Lower Upper
 180 100
 182 96.4 0.0 0.0#
 184 30.4 0.0 0.0#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

