

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062722\
 Data File : VL039392.D
 Acq On : 28 Jun 2022 13:48
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Jun 29 06:04:49 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	1097615	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3032803	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3717001	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2237713	7.28	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	72.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	1423370	7.383	ppbv	96
3) Chlorodifluoromethane	2.98	51	1439143	10.305	ppbv	98
4) Chloromethane	3.13	50	711541	9.919	ppbv	100
5) Vinyl Chloride	3.25	62	734610	10.954	ppbv	99
6) Bromomethane	3.47	94	340941	10.335	ppbv	98
7) Chloroethane	3.55	64	266630	11.410	ppbv	97
8) Dichlorotetrafluoroethane	3.18	85	1774659	10.072	ppbv	97
9) Propene	3.00	41	616454	10.123	ppbv	100
10) Heptane	8.11	43	1620374	11.406	ppbv	99
11) Trichlorofluoromethane	3.94	101	1737823	9.958	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1302069	11.282	ppbv	100
13) Ethanol	3.59	45	26337	7.930	ppbv #	100
14) Bromoethene	3.73	108	555426	10.706	ppbv	96
15) Acetone	3.84	43	1584195	13.856	ppbv	98
16) 1,3-Butadiene	3.32	39	723794	11.776	ppbv	93
17) tert-Butyl alcohol	4.27	59	1283872	14.477	ppbv	98
18) 1,1-Dichloroethene	4.28	96	581864	11.239	ppbv	96
19) Isopropyl Alcohol	3.95	45	666595	12.430	ppbv #	97
20) Methylene Chloride	4.33	84	476719	9.894	ppbv	90
21) Allyl Chloride	4.40	41	877605	11.378	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	585352	11.751	ppbv	96
23) Vinyl Acetate	5.06	43	947318	10.014	ppbv	98
24) 1,1-Dichloroethane	5.00	63	1211515	9.347	ppbv	99
25) Ethyl Acetate	5.66	43	3147427	12.214	ppbv	99
26) Hexane	5.67	57	1202287	10.617	ppbv	86
27) Carbon Disulfide	4.54	76	1353603	11.533	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	1072953	8.582	ppbv	96
29) Chloroform	5.74	83	1915582	10.052	ppbv	94
30) Cyclohexane	7.12	84	1041012	10.942	ppbv	98
31) cis-1,2-Dichloroethene	5.54	61	1207528	10.457	ppbv	94
32) 1,1,1-Trichloroethane	6.50	97	1914119	10.265	ppbv	99
34) 2-Butanone	5.23	43	1708149	10.367	ppbv	99
35) Carbon Tetrachloride	7.00	117	2009898	9.080	ppbv	99
36) Benzene	6.88	78	2549165	10.353	ppbv	99
37) 1,2-Dichloroethane	6.29	62	1464865	9.040	ppbv #	97
38) Trichloroethene	7.82	130	1124295	9.941	ppbv	96
39) 1,2-Dichloropropane	7.60	63	962641	9.829	ppbv	98
40) 1,4-Dioxane	7.82	88	255840	7.935	ppbv #	1
41) Tetrahydrofuran	6.03	42	991182	10.002	ppbv	99
42) Bromodichloromethane	7.78	83	2046416	9.100	ppbv	98
43) Methyl Methacrylate	8.00	69	1076402	11.223	ppbv	98

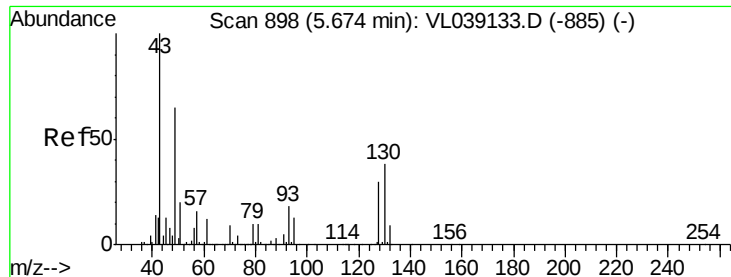
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062722\
 Data File : VL039392.D
 Acq On : 28 Jun 2022 13:48
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Quant Time: Jun 29 06:04:49 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	4233904	9.830	ppbv	98
45) t-1,3-Dichloropropene	9.26	75	805963	8.069	ppbv	100
46) cis-1,3-Dichloropropene	8.69	75	1163448	8.817	ppbv	97
47) 1,1,2-Trichloroethane	9.46	97	1065813	10.431	ppbv	96
48) Dibromochloromethane	10.29	129	1820926	9.981	ppbv	99
49) Bromoform	13.02	173	1515214	9.966	ppbv	99
50) 4-Methyl-2-Pentanone	8.72	43	2642441	10.714	ppbv	99
51) 2-Hexanone	10.11	43	2010202	10.475	ppbv #	98
52) Tetrachloroethene	11.21	164	1012537	10.533	ppbv	99
53) Toluene	9.79	91	3084501	10.879	ppbv	99
54) 1,2-Dibromoethane	10.59	107	1496314	10.898	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.11	131	1438836	8.181	ppbv	94
57) Chlorobenzene	12.13	112	2363718	8.452	ppbv	92
58) Ethyl Benzene	12.69	91	4201076	8.205	ppbv	99
59) m/p-Xylene	12.98	91	3877210	8.599	ppbv #	37
60) o-Xylene	13.67	91	3481583	8.218	ppbv	99
61) Styrene	13.51	104	1983622	8.743	ppbv	96
62) Isopropylbenzene	14.65	105	5381038	8.546	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	2187917	9.200	ppbv	100
64) n-propylbenzene	15.54	120	1424938	9.205	ppbv	91
65) tert-Butylbenzene	16.73	119	4875702	8.468	ppbv	96
66) Benzyl Chloride	16.97	91	301468	4.027	ppbv	98
67) sec-Butylbenzene	17.27	105	6759069	8.603	ppbv	99
69) p-Isopropyltoluene	17.63	119	5843068	8.815	ppbv	98
70) n-Butylbenzene	18.53	91	5780667	8.496	ppbv	99
71) 2-Chlorotoluene	15.43	91	3933841	8.192	ppbv	96
72) 4-Ethyltoluene	15.82	105	4329719	8.720	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	3939015	8.795	ppbv	99
74) 1,2,4-Trimethylbenzene	16.74	105	4211363	8.426	ppbv	92
75) 1,3-Dichlorobenzene	16.98	146	2479514	8.765	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	2467721	8.743	ppbv	96
77) 1,2-Dichlorobenzene	17.80	146	2428164	8.517	ppbv	99
78) Hexachloro-1,3-Butadiene	23.35	225	1925840	7.387	ppbv	99
79) Naphthalene	22.17	128	3608455	9.379	ppbv	98
80) Naphthalene, 2-methyl-	24.95	142	1020378	7.138	ppbv	93
81) 1,2,4-Trichlorobenzene	21.90	180	2023687	8.303	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

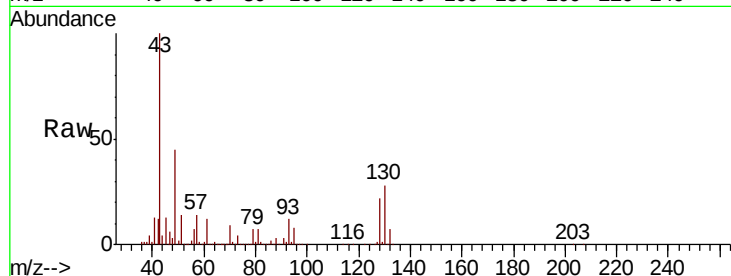
Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 28 Jun 2022 13:48

Tot Ion: 49 Resp: 1097615

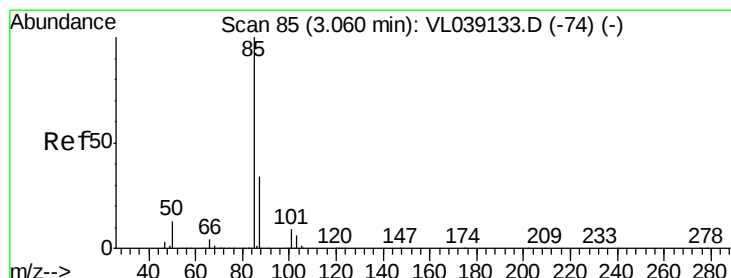
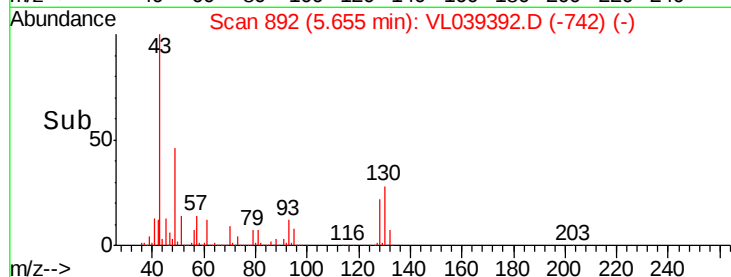
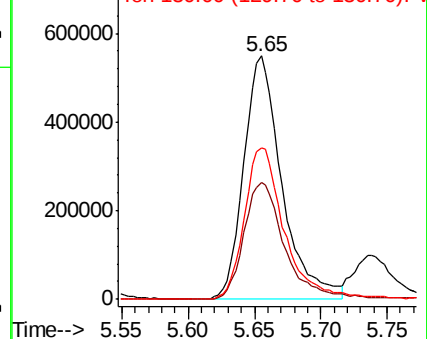
Ion	Ratio	Lower	Upper
49	100		
128	52.5	24.7	74.1
130	67.2	31.4	94.0



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: 7.383 ppbv

RT: 3.04 min Scan# 79

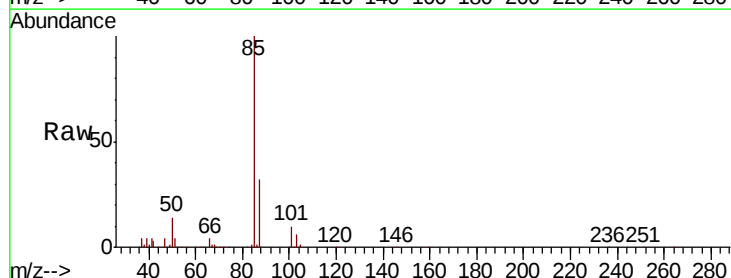
Delta R.T. -0.02 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

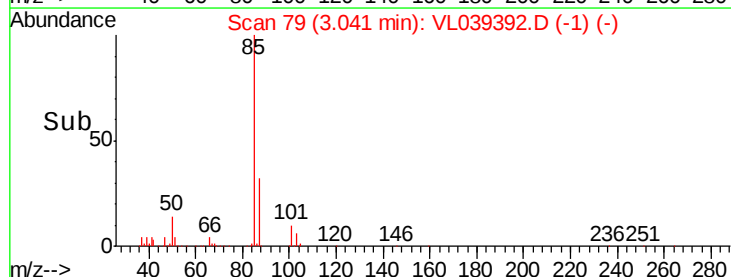
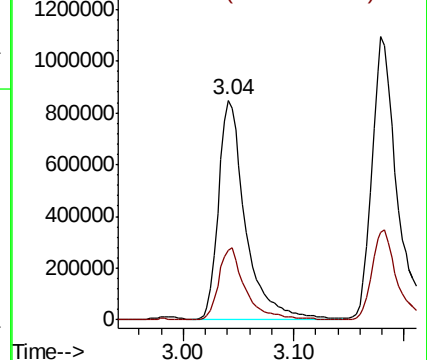
Tgt Ion: 85 Resp: 1423370

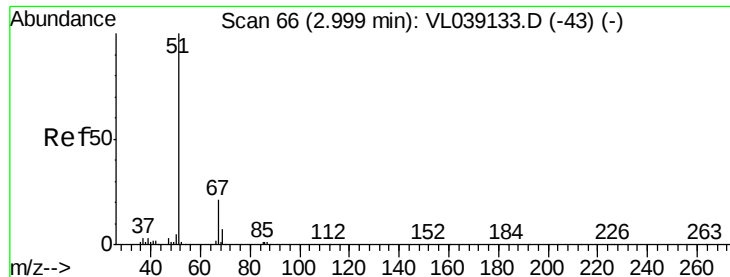
Ion	Ratio	Lower	Upper
85	100		
87	31.6	26.9	40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.305 ppbv

RT: 2.98 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

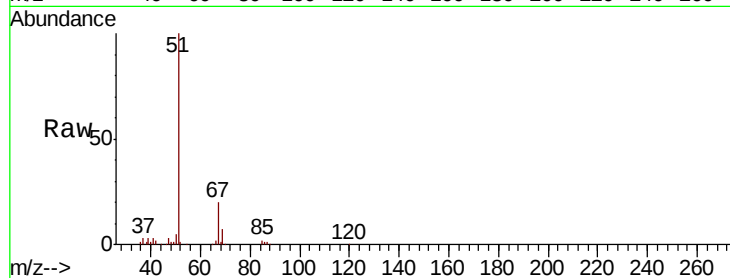
Acq: 28 Jun 2022 13:48 VSTDCCC010EC

Tot Ion: 51 Resp: 1439143

Ion Ratio Lower Upper

51 100

67 19.5 16.2 24.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

800000

600000

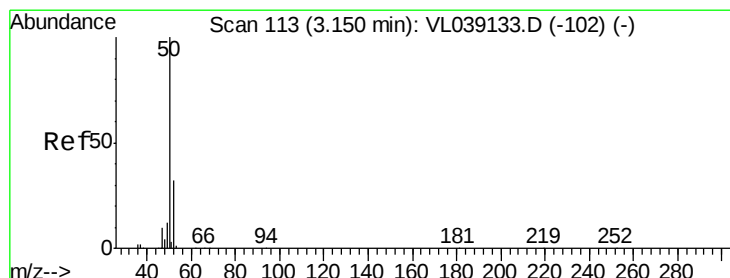
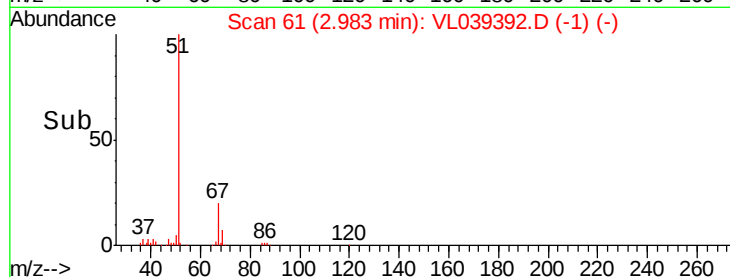
400000

200000

0

2.90 3.00 3.10

Time-->



#4

Chloromethane

Concen: 9.919 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.02 min

Lab File: VL039392.D

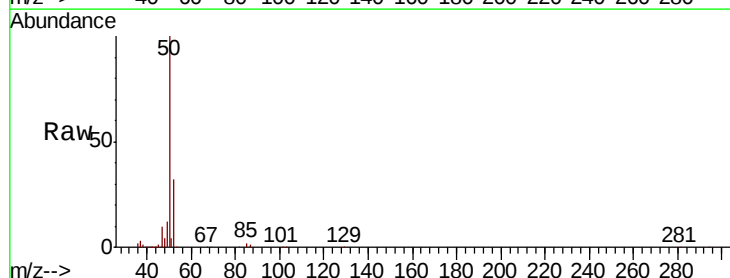
Acq: 28 Jun 2022 13:48

Tgt Ion: 50 Resp: 711541

Ion Ratio Lower Upper

50 100

52 32.6 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

500000

400000

300000

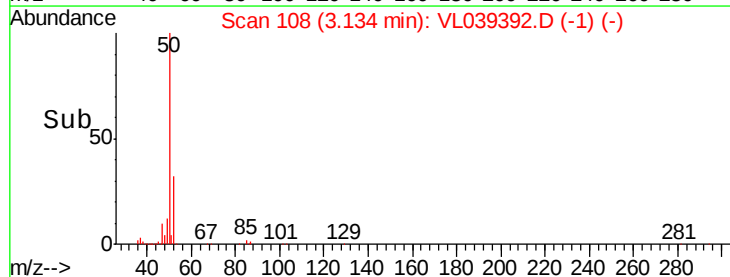
200000

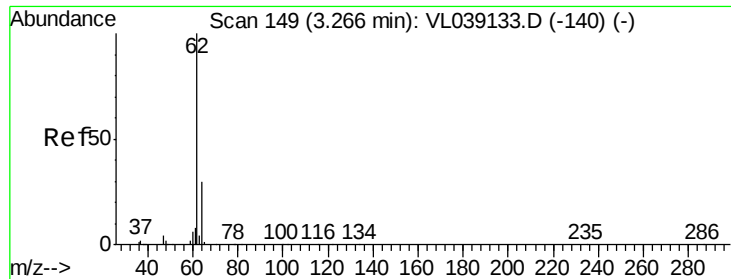
100000

0

3.10 3.15

Time-->





#5

Vinyl Chloride

Concen: 10.954 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

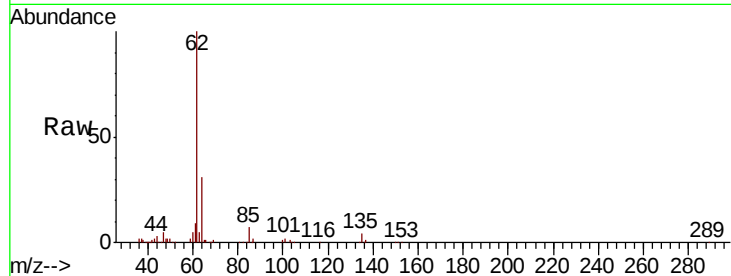
Acq: 28 Jun 2022 13:48 VSTDCCC010EC

Tot Ion: 62 Resp: 734610

Ion Ratio Lower Upper

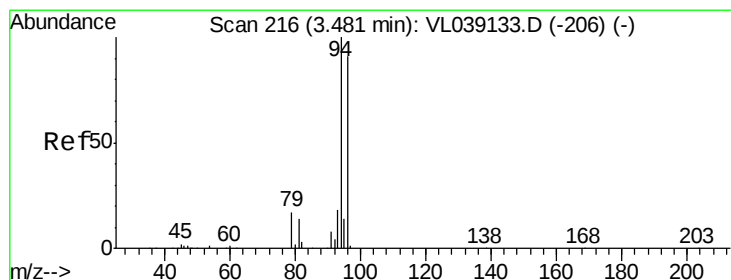
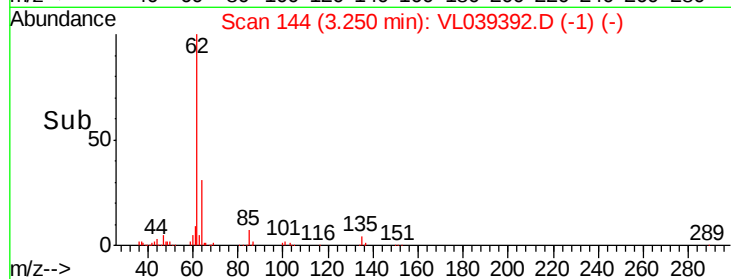
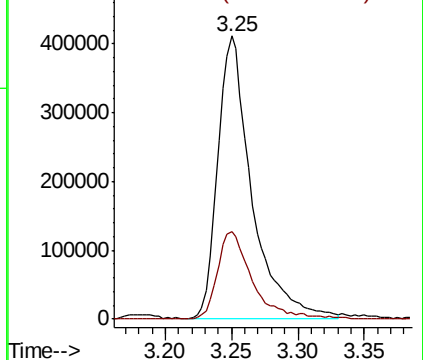
62 100

64 30.7 24.2 36.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 10.335 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.02 min

Lab File: VL039392.D

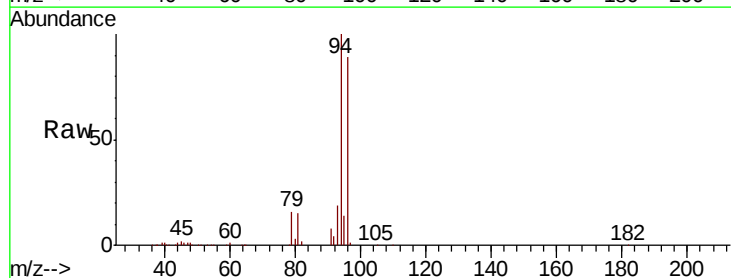
Acq: 28 Jun 2022 13:48

Tgt Ion: 94 Resp: 340941

Ion Ratio Lower Upper

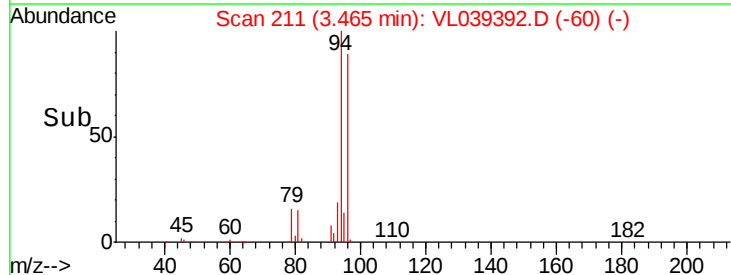
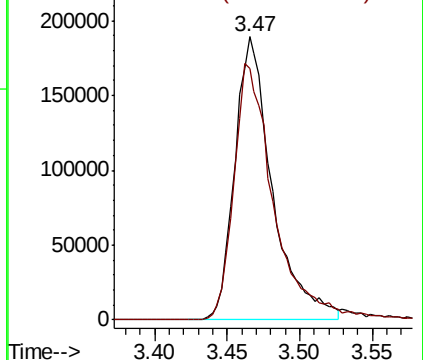
94 100

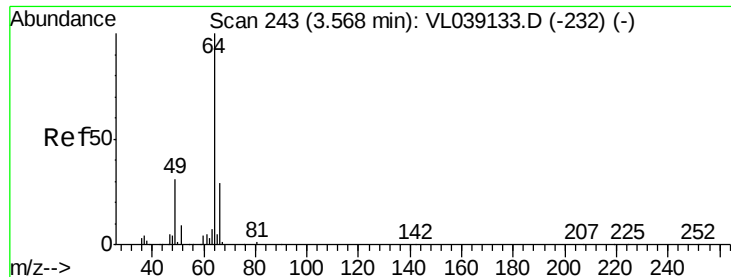
96 88.9 73.0 109.4



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 11.410 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

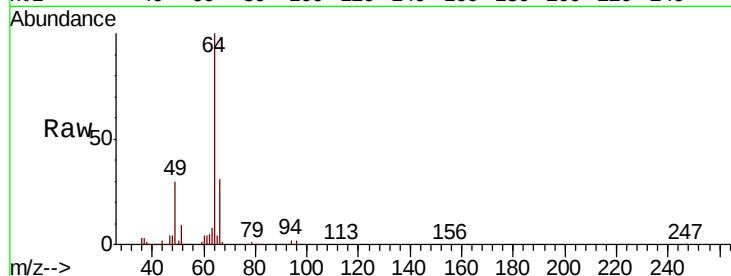
Acq: 28 Jun 2022 13:48 VSTDCCC010EC

Tot Ion: 64 Resp: 266630

Ion Ratio Lower Upper

64 100

66 31.0 23.6 35.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.55

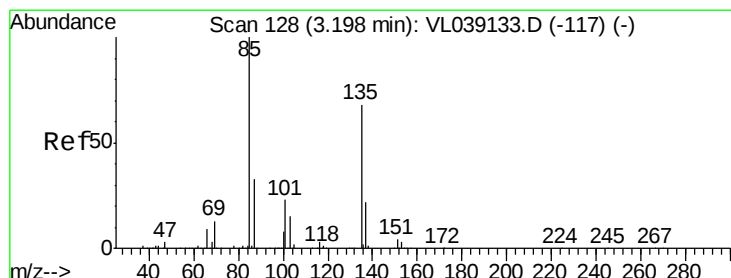
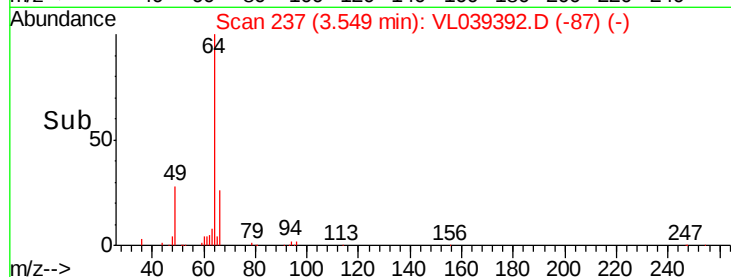
150000

100000

50000

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 10.072 ppbv

RT: 3.18 min Scan# 122

Delta R.T. -0.02 min

Lab File: VL039392.D

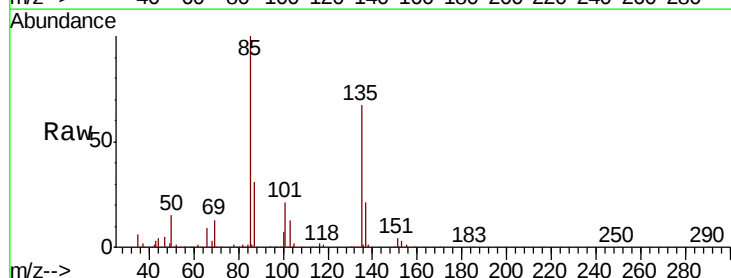
Acq: 28 Jun 2022 13:48

Tgt Ion: 85 Resp: 1774659

Ion Ratio Lower Upper

85 100

135 71.1 55.0 82.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

3.18

1200000

1000000

800000

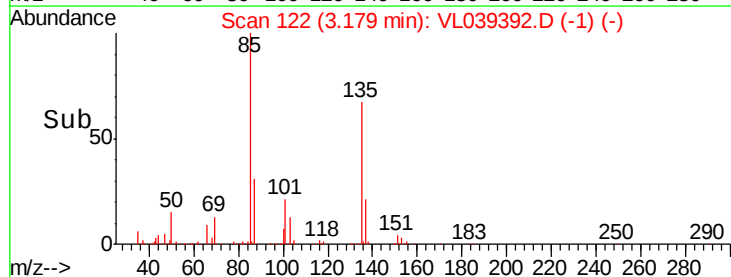
600000

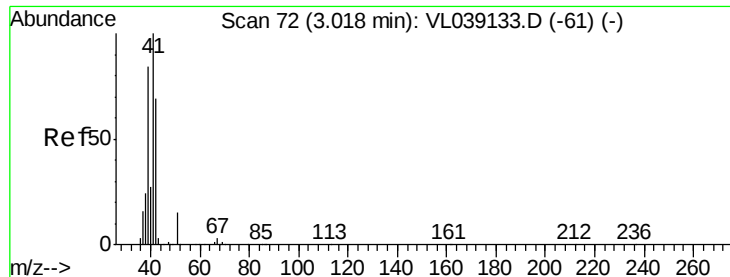
400000

200000

0

Time-->





#9

Propene

Concen: 10.123 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

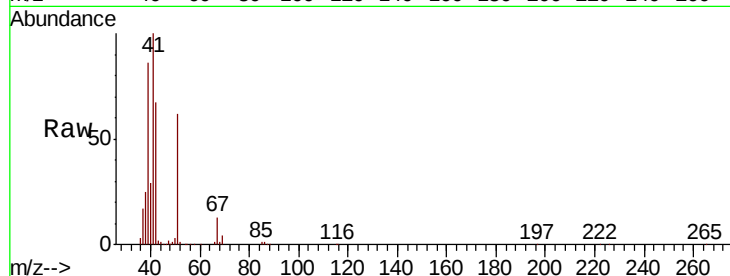
Acq: 28 Jun 2022 13:48 VSTDCCC010EC

Tot Ion: 41 Resp: 616454

Ion Ratio Lower Upper

41 100

42 69.1 55.4 83.2



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.00

400000

300000

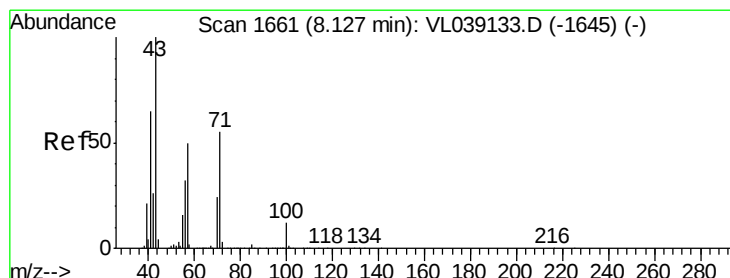
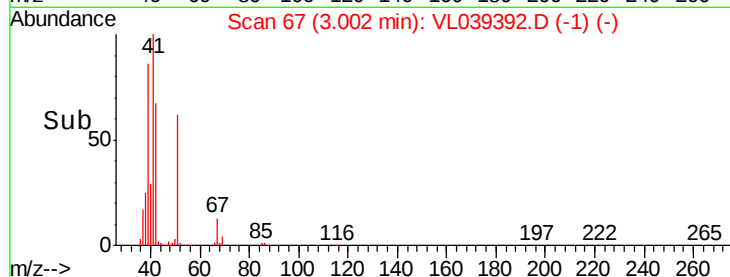
200000

100000

0

Time-->

2.95 3.00 3.05



#10

Heptane

Concen: 11.406 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. -0.02 min

Lab File: VL039392.D

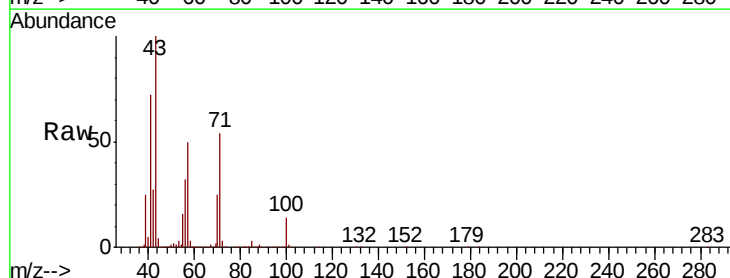
Acq: 28 Jun 2022 13:48

Tgt Ion: 43 Resp: 1620374

Ion Ratio Lower Upper

43 100

57 50.9 41.4 62.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.11

800000

600000

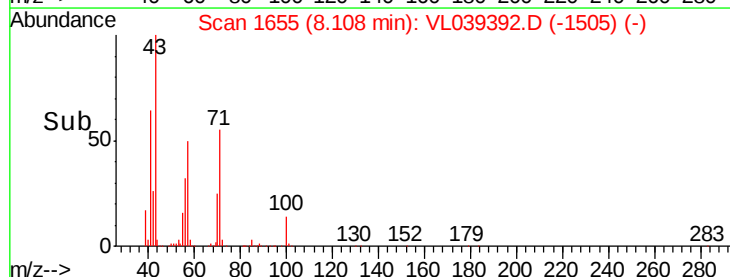
400000

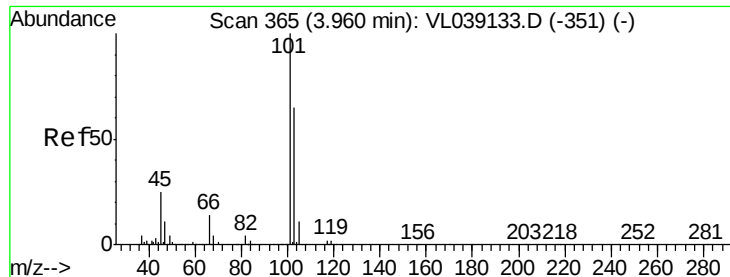
200000

0

Time-->

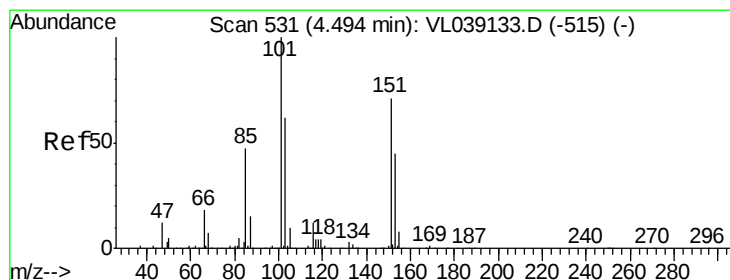
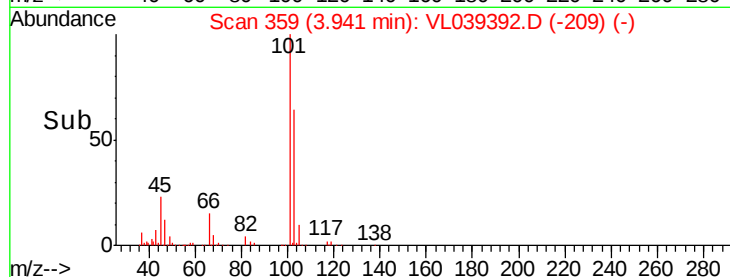
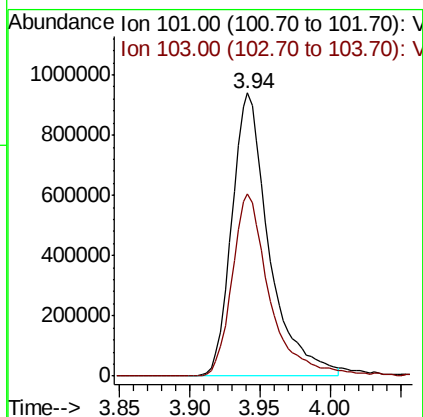
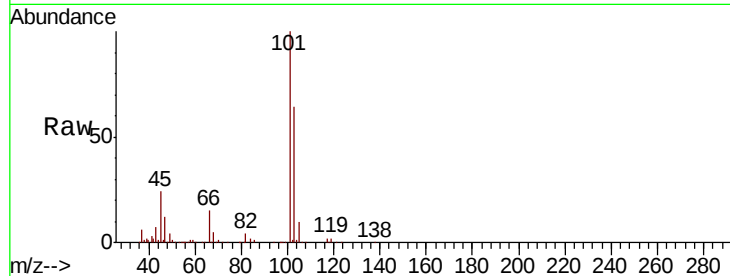
8.05 8.10 8.15 8.20





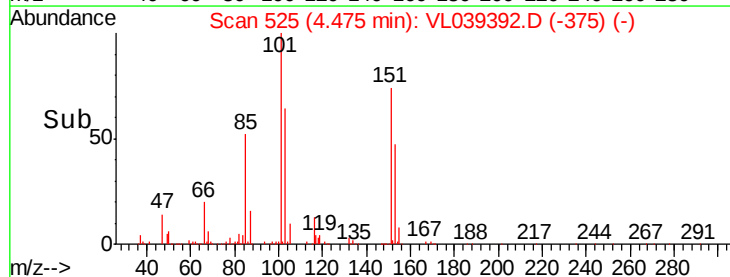
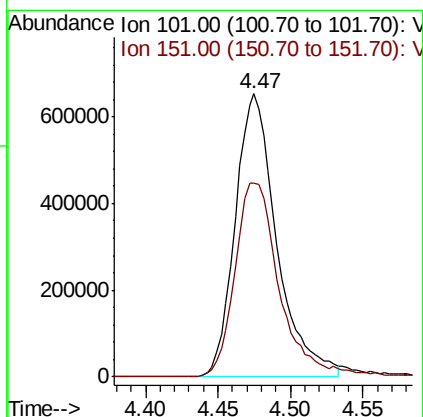
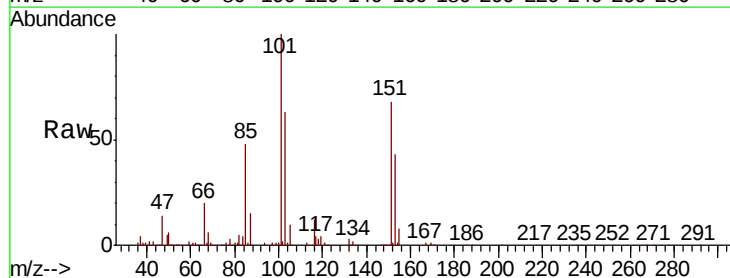
#11
 Trichlorofluoromethane
 Concen: 9.958 ppbv
 RT: 3.94
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jun 2022 13:48

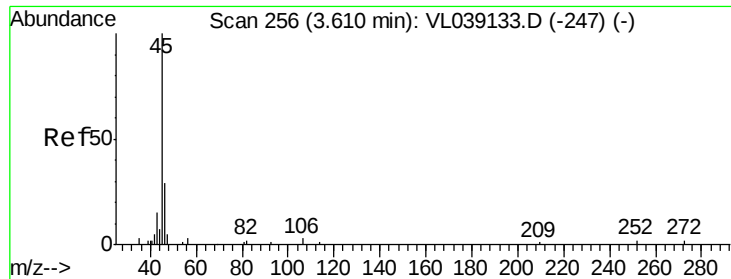
Tot Ion:101 Resp: 1737823
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.282 ppbv
 RT: 4.47 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

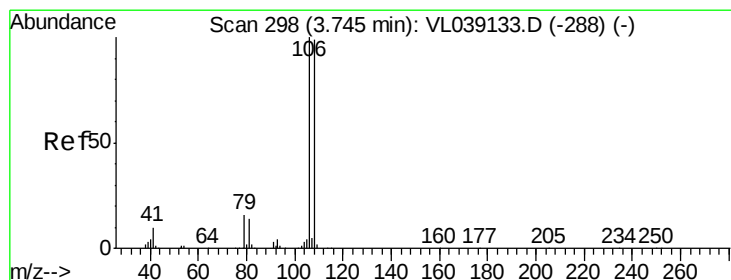
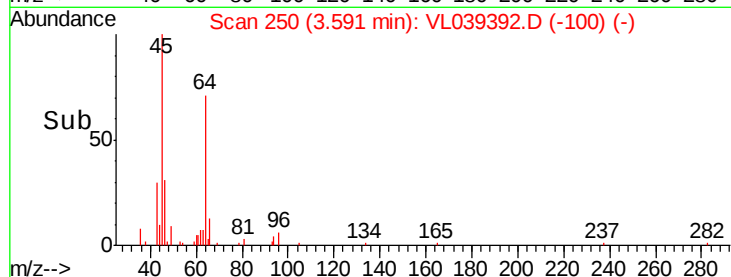
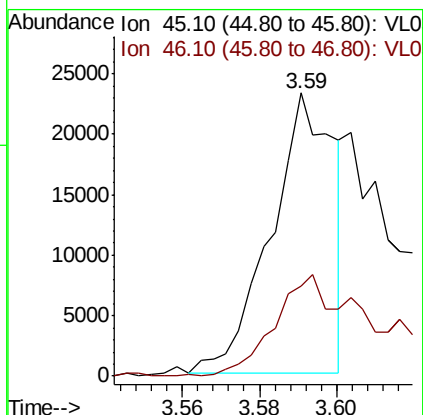
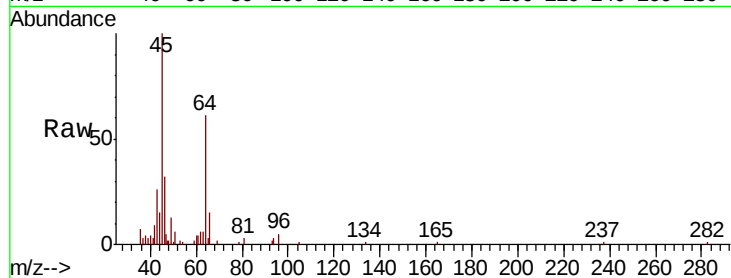
Tgt Ion:101 Resp: 1302069
 Ion Ratio Lower Upper
 101 100
 151 74.4 59.4 89.0





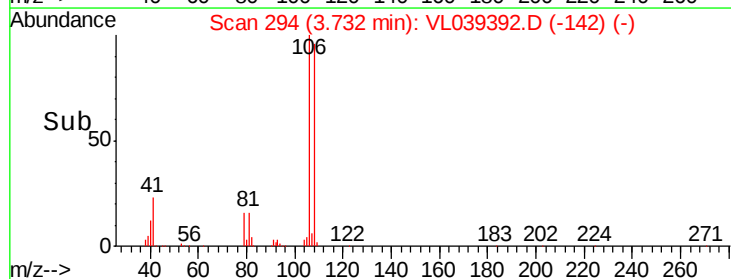
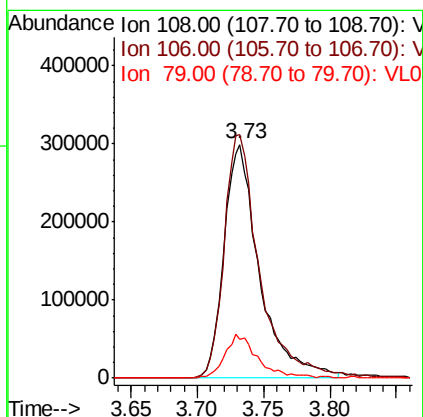
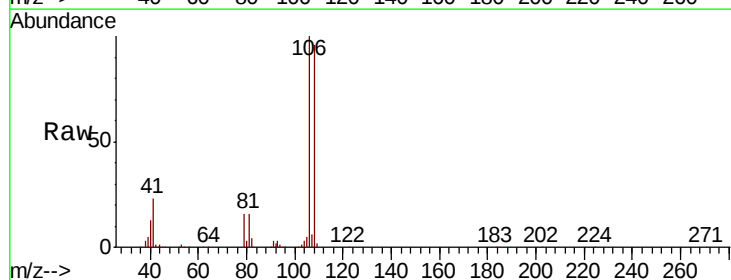
#13
Ethanol
Concen: 7.930 ppbv
RT: 3.59
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Jun 2022 13:48

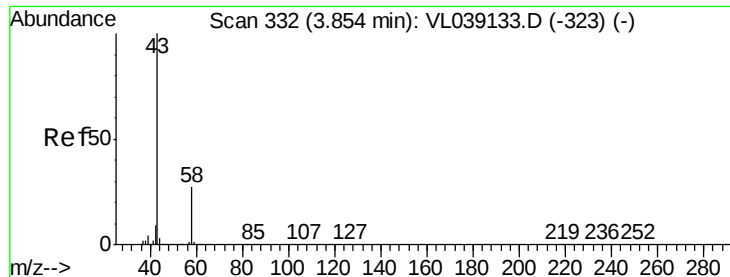
Tot Ion: 45 Resp: 26337
Ion Ratio Lower Upper
45 100
46 68.0 0.0 0.0#



#14
Bromoethene
Concen: 10.706 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

Tgt Ion: 108 Resp: 555426
Ion Ratio Lower Upper
108 100
106 105.7 88.4 132.6
79 18.1 13.4 20.2





#15

Acetone

Concen: 13.856 ppbv

RT: 3.84 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

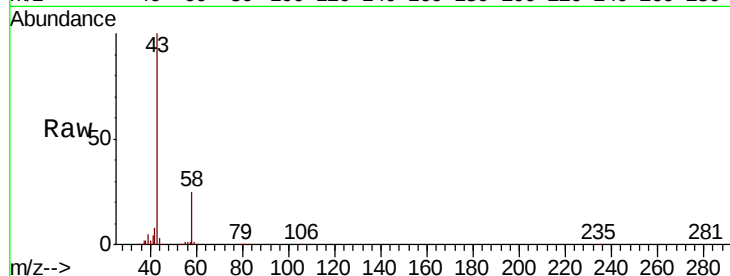
Acq: 28 Jun 2022 13:48 VSTDCCC010EC

Tot Ion: 43 Resp: 1584195

Ion Ratio Lower Upper

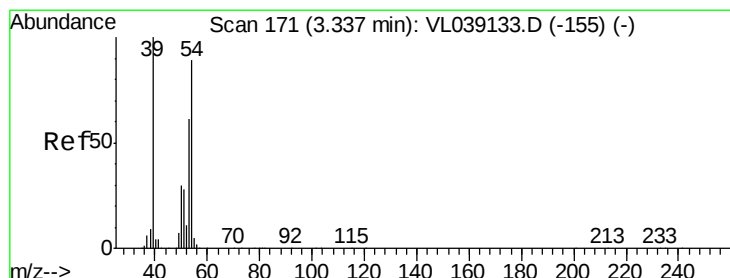
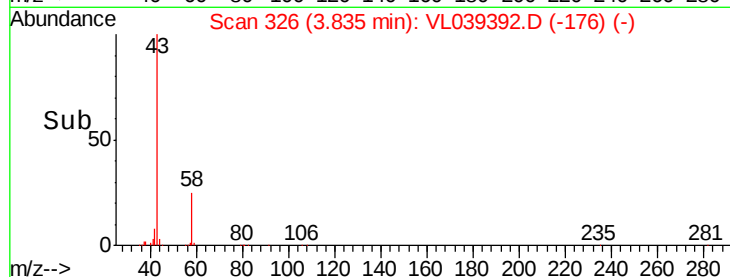
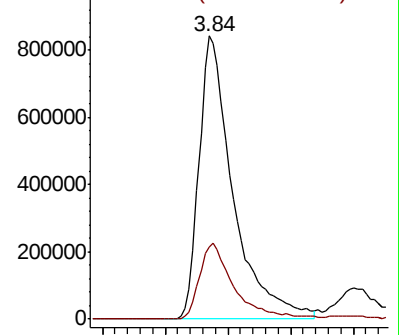
43 100

58 27.3 22.5 33.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 11.776 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.02 min

Lab File: VL039392.D

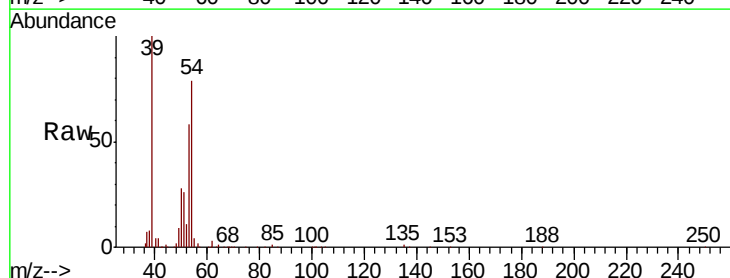
Acq: 28 Jun 2022 13:48

Tgt Ion: 39 Resp: 723794

Ion Ratio Lower Upper

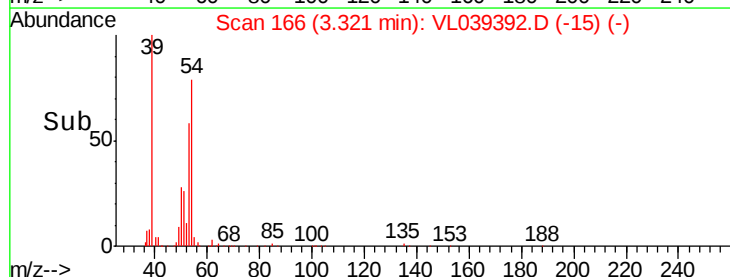
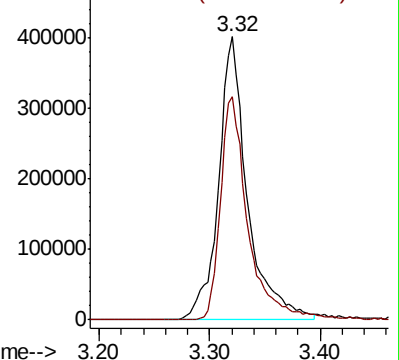
39 100

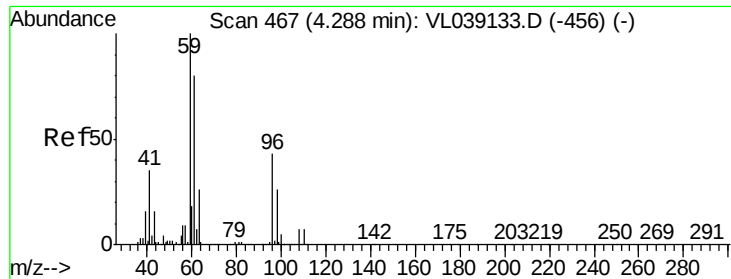
54 76.2 65.8 98.6



Abundance Ion 39.10 (38.80 to 39.80): VL0

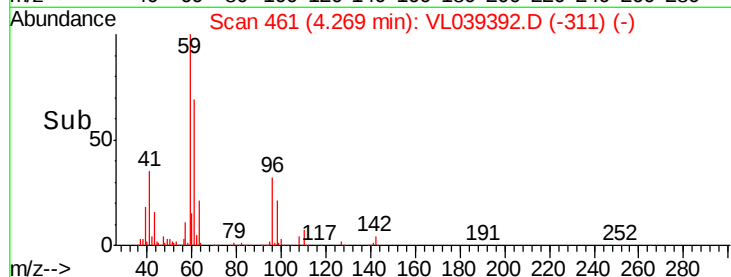
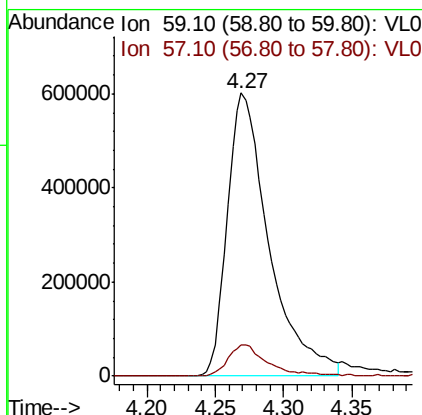
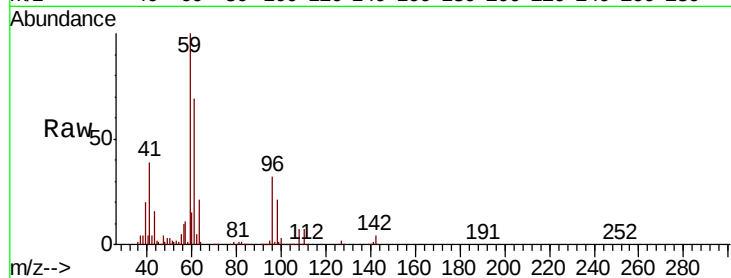
Ion 54.10 (53.80 to 54.80): VL0





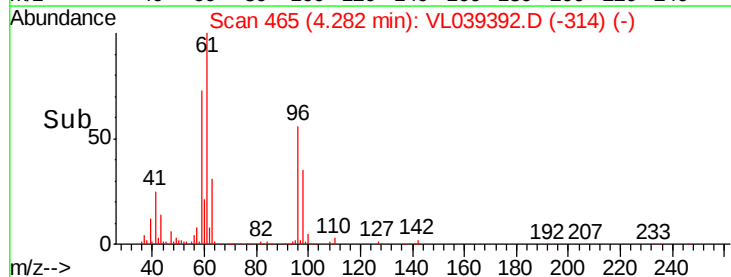
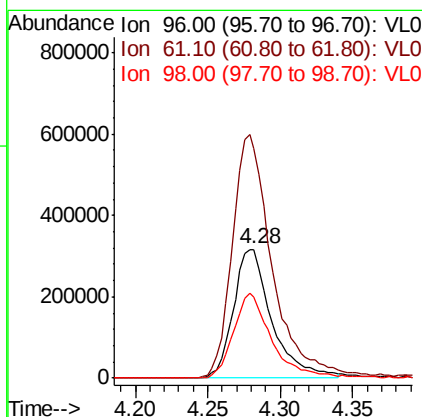
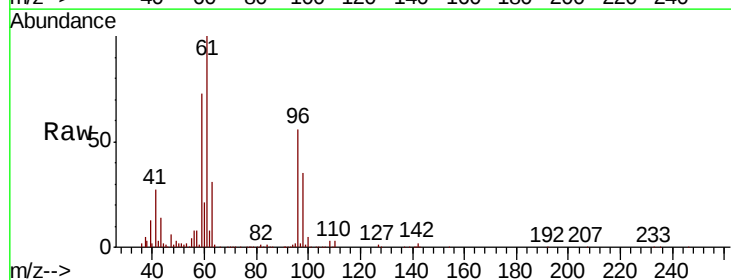
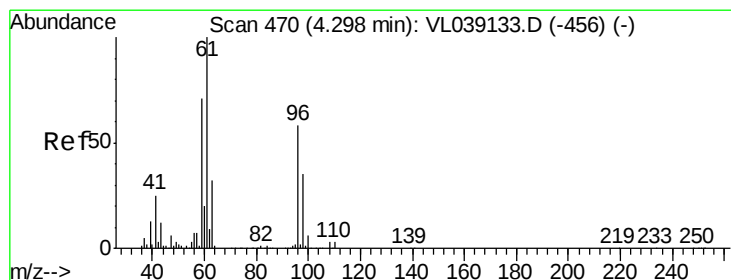
#17
 tert-Butyl alcohol
 Concen: 14.477 ppbv
 RT: 4.27
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jun 2022 13:48

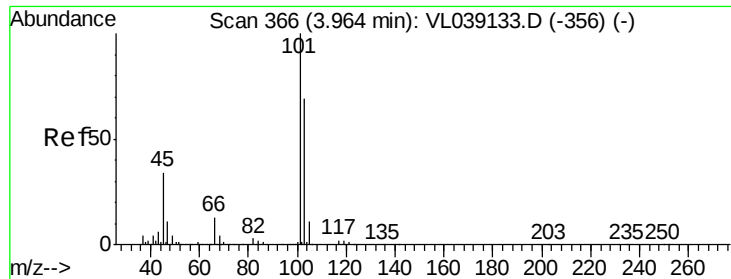
Tot Ion: 59 Resp: 1283872
 Ion Ratio Lower Upper
 59 100
 57 10.6 9.1 13.7



#18
 1,1-Dichloroethene
 Concen: 11.239 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

Tgt Ion: 96 Resp: 581864
 Ion Ratio Lower Upper
 96 100
 61 178.8 138.4 207.6
 98 62.7 47.8 71.8





#19

Isopropyl Alcohol

Concen: 12.430 ppbv

RT: 3.95 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

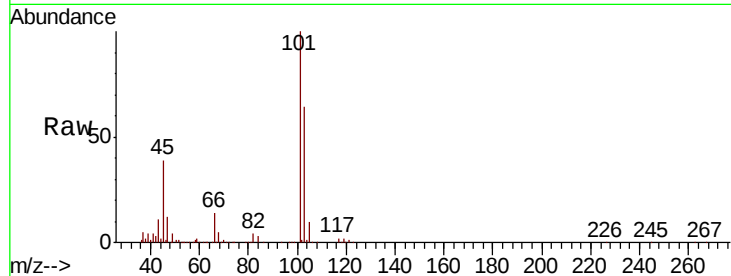
Acq: 28 Jun 2022 13:48 VSTDCCC010EC

Tot Ion: 45 Resp: 666595

Ion Ratio Lower Upper

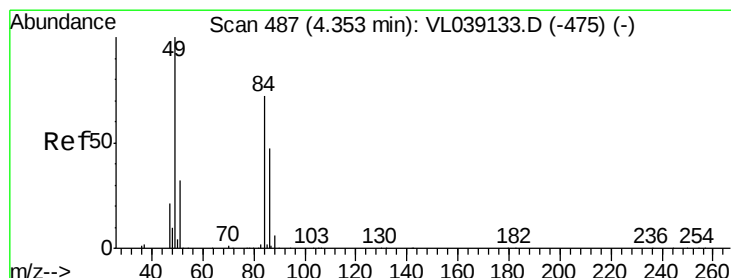
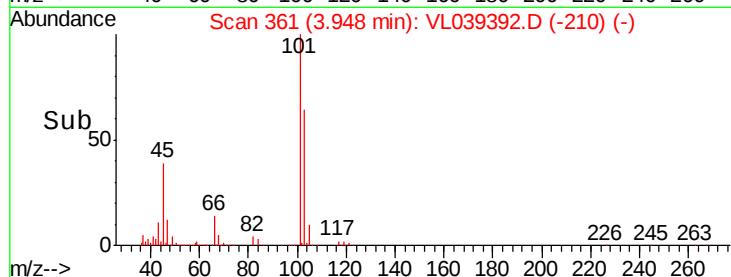
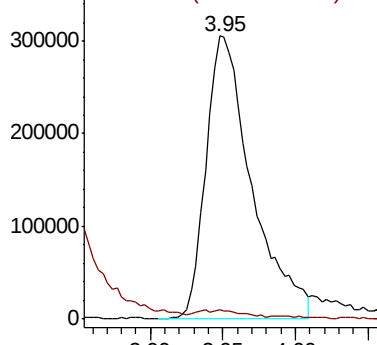
45 100

58 3.4 1.8 2.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 9.894 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.02 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

Tgt Ion: 84 Resp: 476719

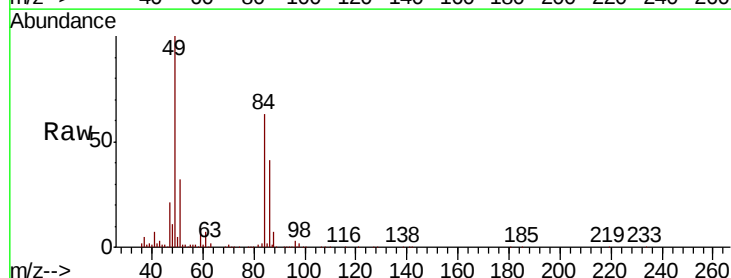
Ion Ratio Lower Upper

84 100

49 156.3 111.1 166.7

51 49.1 35.3 52.9

86 65.2 51.9 77.9

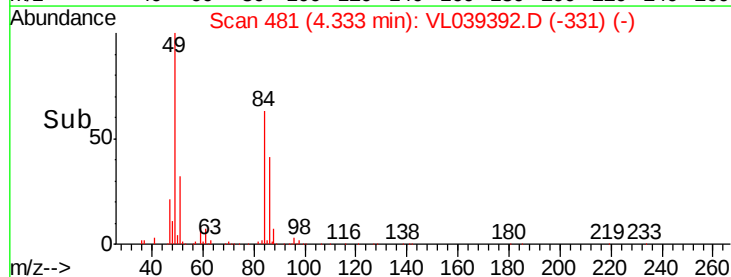
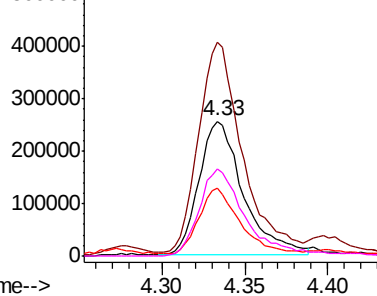


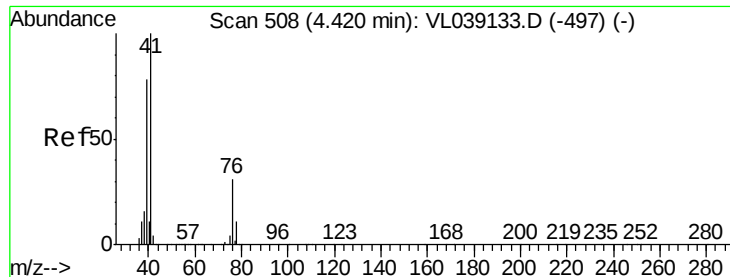
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

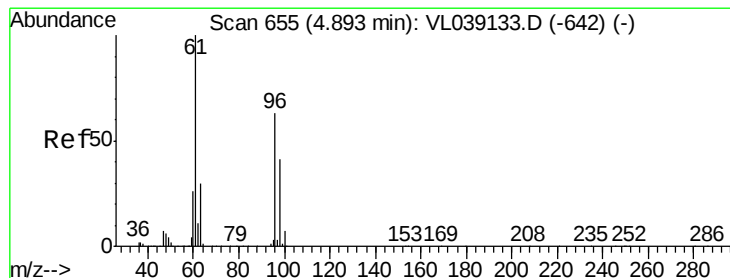
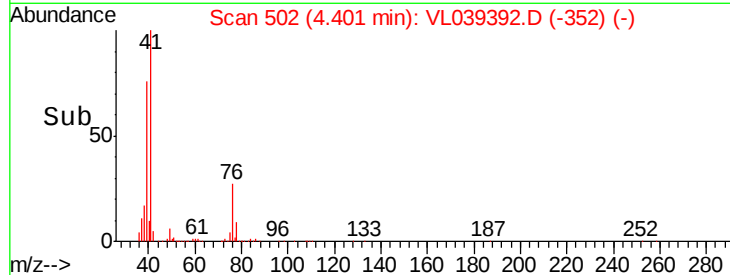
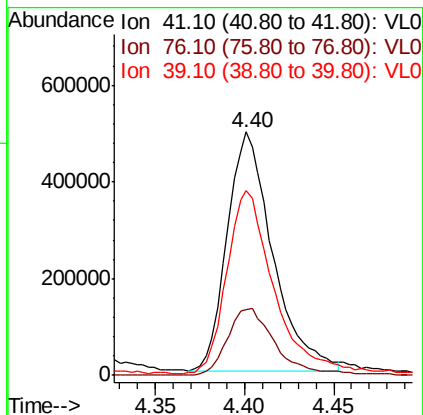
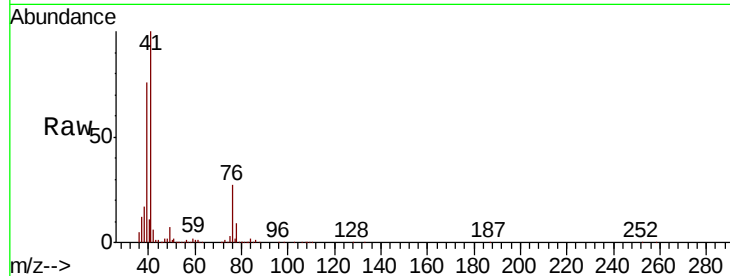
Ion 86.00 (85.70 to 86.70): VL0





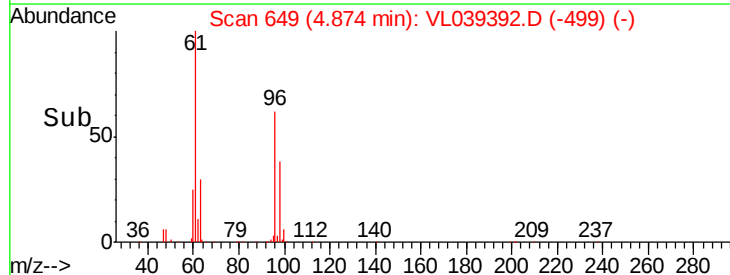
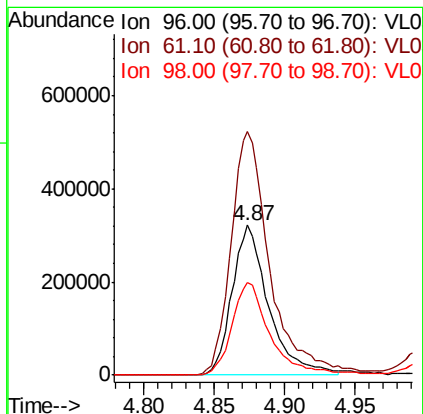
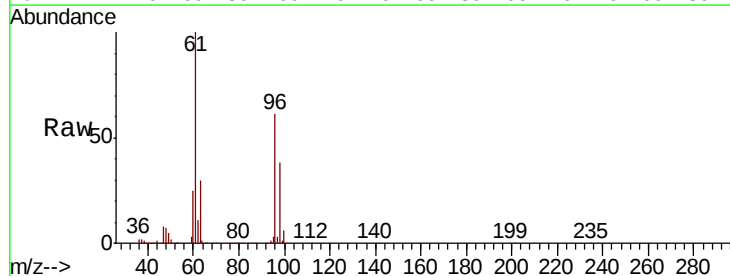
#21
 Allvl Chloride
 Concen: 11.378 ppbv
 RT: 4.40
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jun 2022 13:48

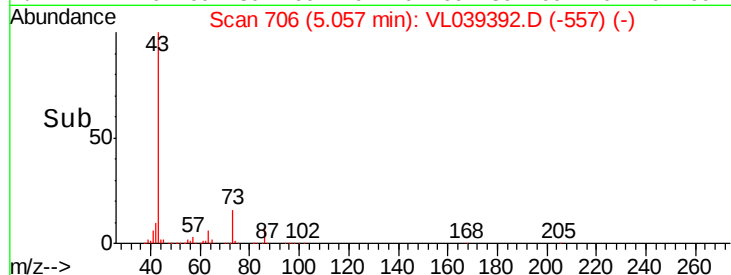
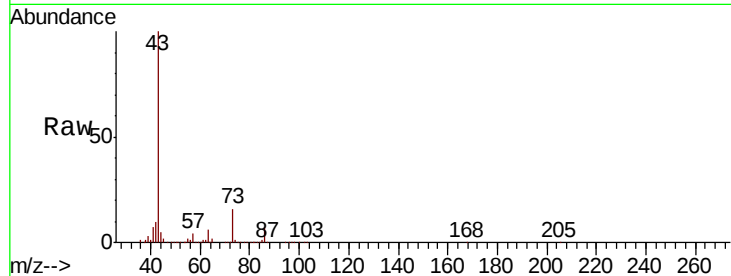
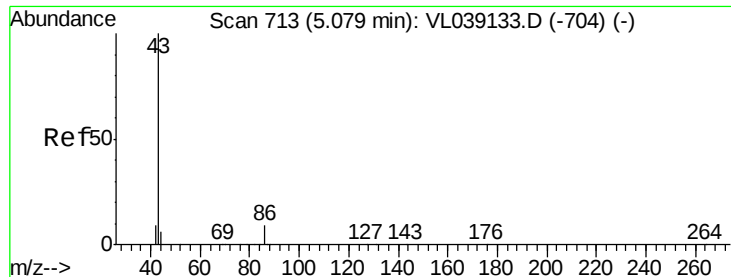
Tot Ion	Ratio	Lower	Upper
41	100		
76	30.0	24.2	36.2
39	79.9	62.2	93.2



#22
 trans-1,2-Dichloroethene
 Concen: 11.751 ppbv
 RT: 4.87 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.5	126.6	190.0
98	61.5	52.5	78.7





#23

Vinyl Acetate

Concen: 10.014 ppbv

RT: 5.06 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 28 Jun 2022 13:48

Tot Ion: 43 Resp: 947318

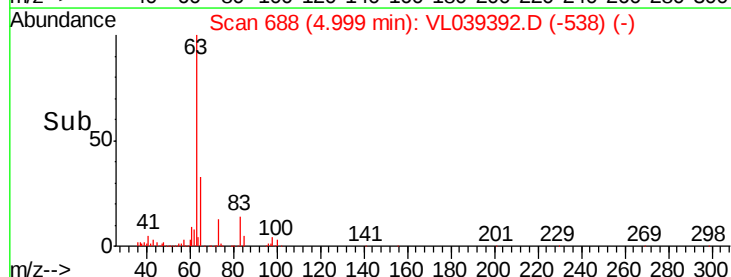
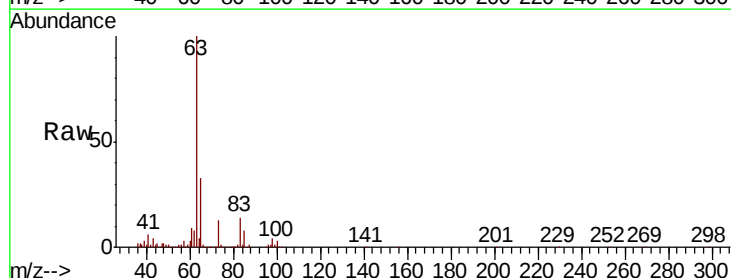
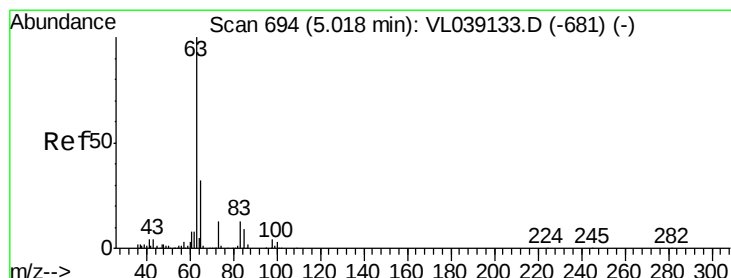
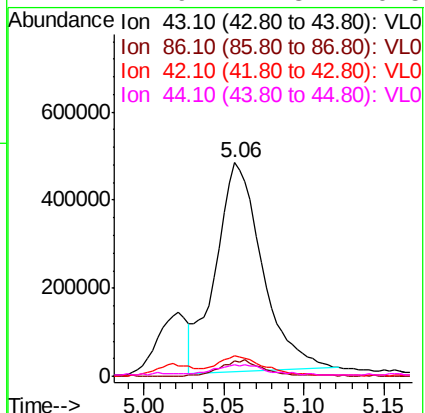
Ion Ratio Lower Upper

43 100

86 7.1 6.0 9.0

42 9.5 8.2 12.4

44 4.9 4.3 6.5



#24

1,1-Dichloroethane

Concen: 9.347 ppbv

RT: 5.00 min Scan# 688

Delta R.T. -0.02 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

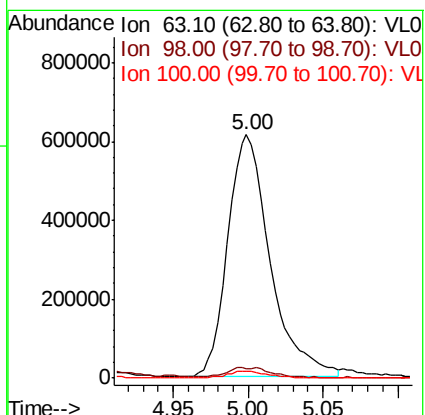
Tgt Ion: 63 Resp: 1211515

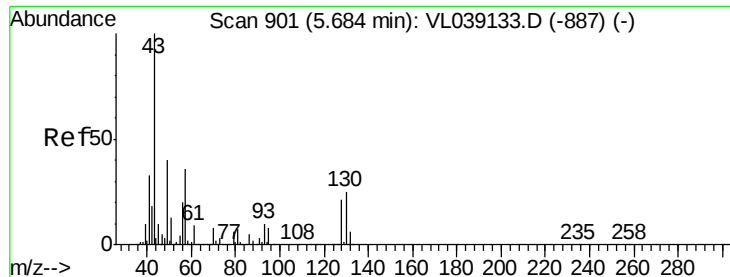
Ion Ratio Lower Upper

63 100

98 3.7 2.1 6.2

100 2.5 1.5 4.5

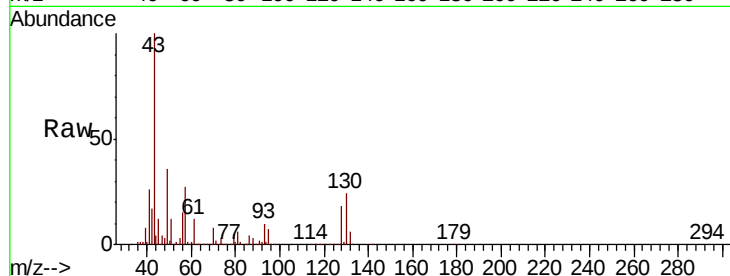




#25
Ethyl Acetate
Concen: 12.214 ppbv
RT: 5.66
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 28 Jun 2022 13:48

Tot Ion: 43 Resp: 3147427

Ion	Ratio	Lower	Upper
43	100		
45	11.1	8.2	12.2
61	10.5	8.4	12.6
70	7.6	5.6	8.4



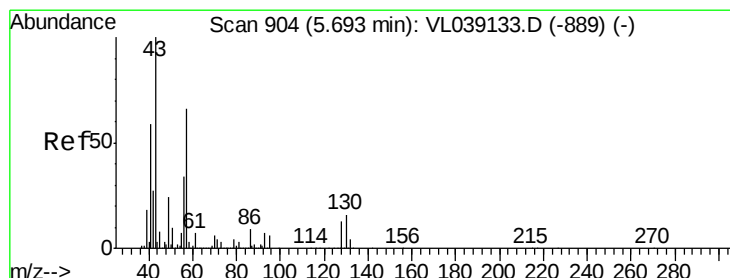
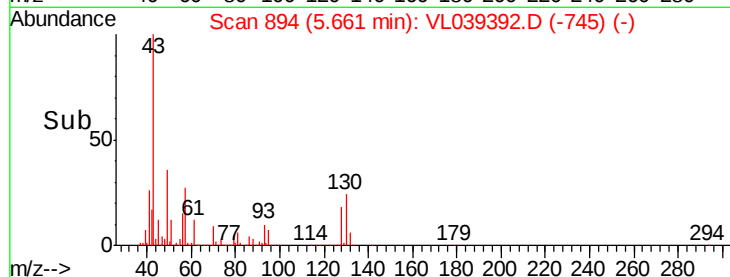
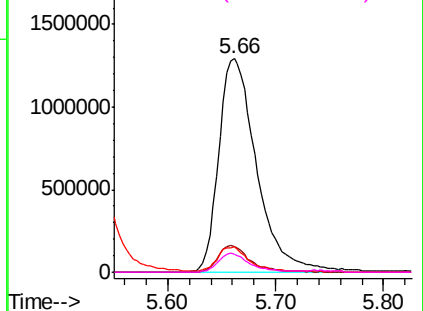
Abundance

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: 10.617 ppbv
RT: 5.67 min Scan# 898
Delta R.T.: -0.02 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

Tgt Ion: 57 Resp: 1202287

Ion	Ratio	Lower	Upper
57	100		
41	96.7	72.4	108.6
43	265.7	187.0	280.6
56	55.3	41.8	62.6

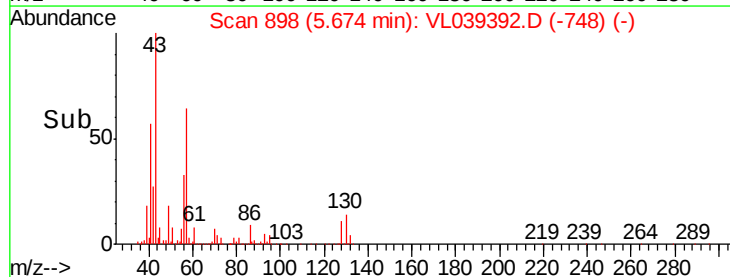
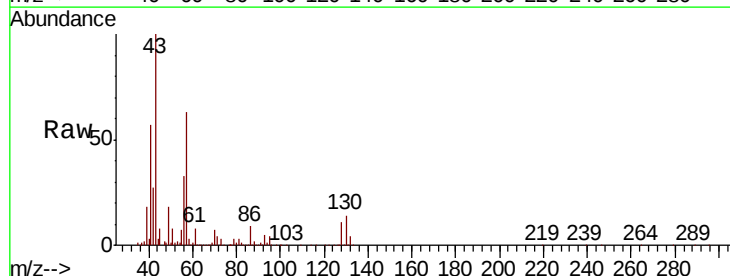
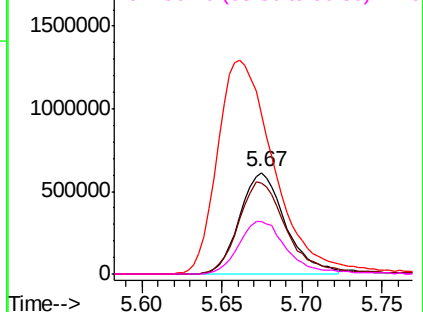
Abundance

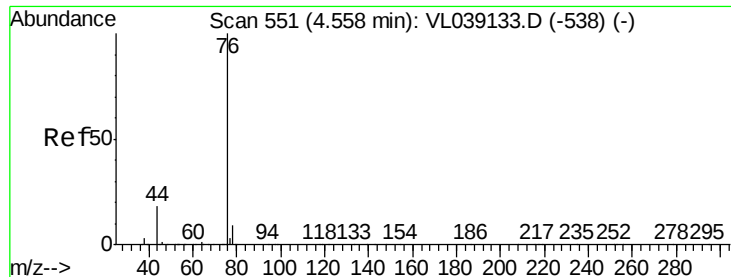
Ion 57.10 (56.80 to 57.80): VL0

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

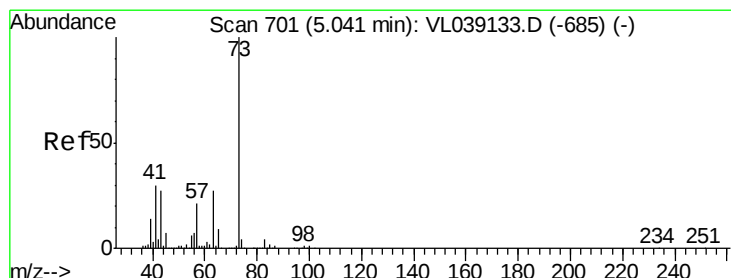
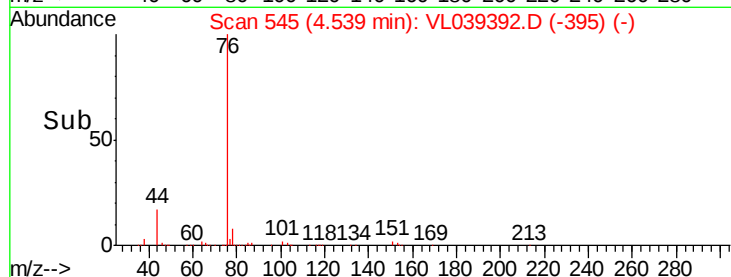
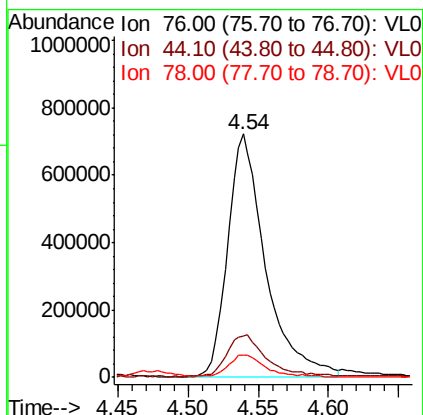
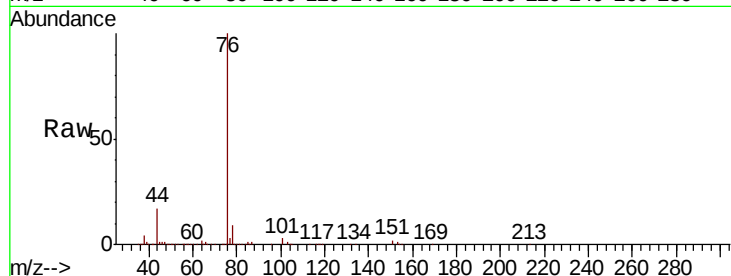




#27
Carbon Disulfide
Concen: 11.533 ppbv
RT: 4.54
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Jun 2022 13:48

Tot Ion: 76 Resp: 1353603

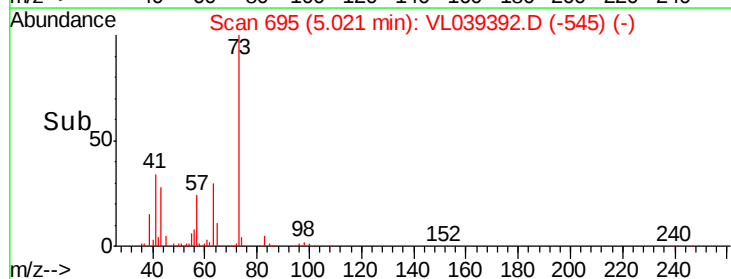
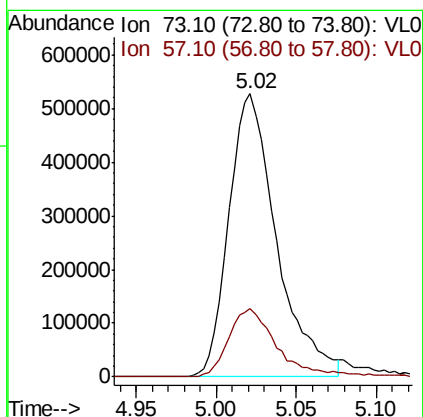
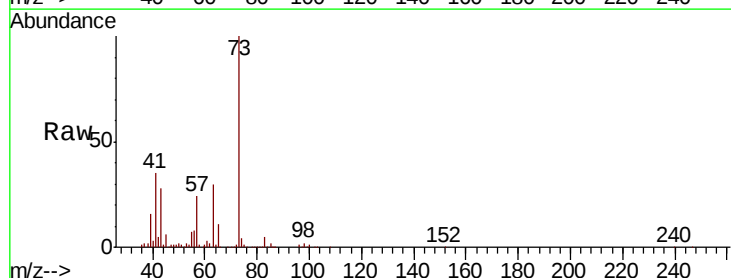
Ion	Ratio	Lower	Upper
76	100		
44	18.6	14.4	21.6
78	10.1	7.7	11.5

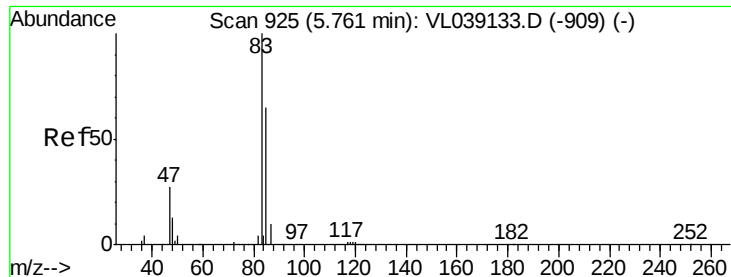


#28
Methyl tert-Butyl Ether
Concen: 8.582 ppbv
RT: 5.02 min Scan# 695
Delta R.T. -0.02 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

Tgt Ion: 73 Resp: 1072953

Ion	Ratio	Lower	Upper
73	100		
57	25.3	18.6	27.8





#29

Chloroform

Concen: 10.052 ppbv

RT: 5.74 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

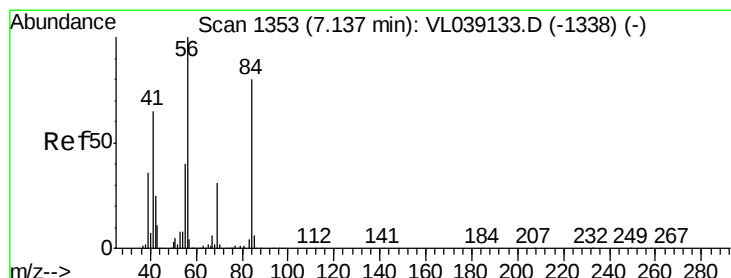
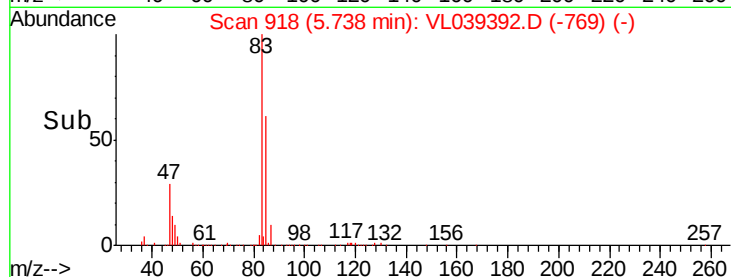
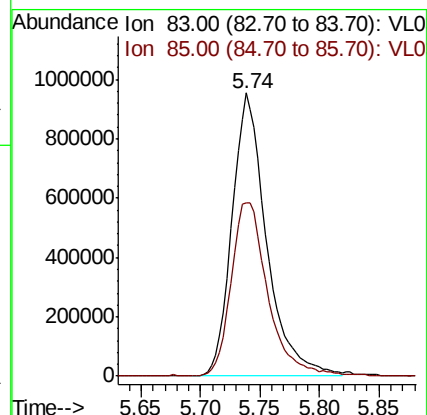
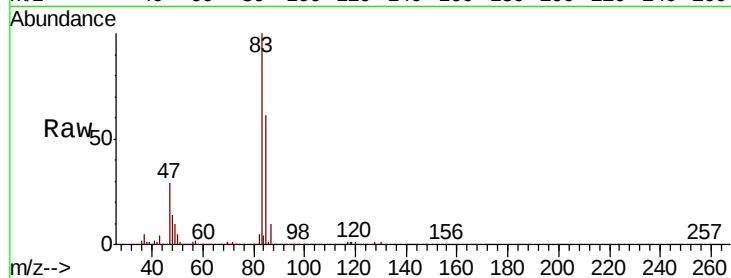
Acq: 28 Jun 2022 13:48 VSTDCCC010EC

Tot Ion: 83 Resp: 1915582

Ion Ratio Lower Upper

83 100

85 60.8 52.4 78.6



#30

Cyclohexane

Concen: 10.942 ppbv

RT: 7.12 min Scan# 1347

Delta R.T. -0.02 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

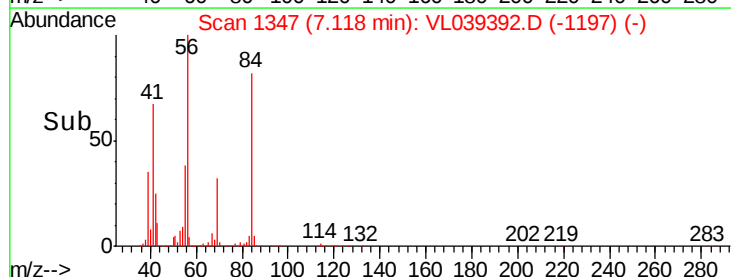
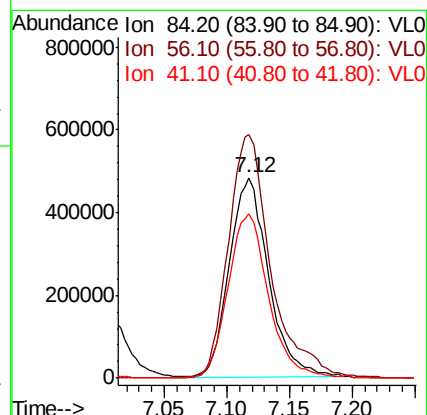
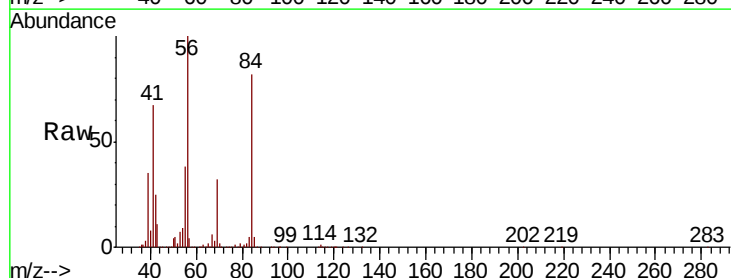
Tgt Ion: 84 Resp: 1041012

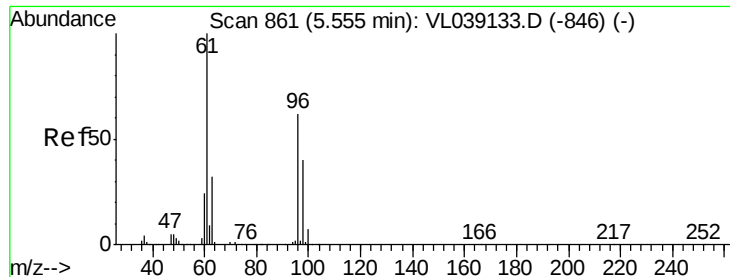
Ion Ratio Lower Upper

84 100

56 133.8 110.6 165.8

41 86.0 68.9 103.3





#31

cis-1,2-Dichloroethene

Concen: 10.457 ppbv

RT: 5.54 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 28 Jun 2022 13:48 VSTDCCC010EC

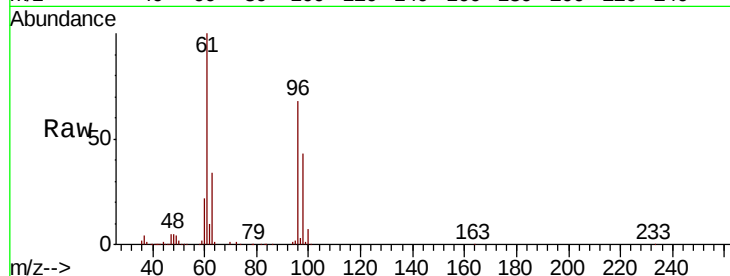
Tot Ion: 61 Resp: 1207528

Ion Ratio Lower Upper

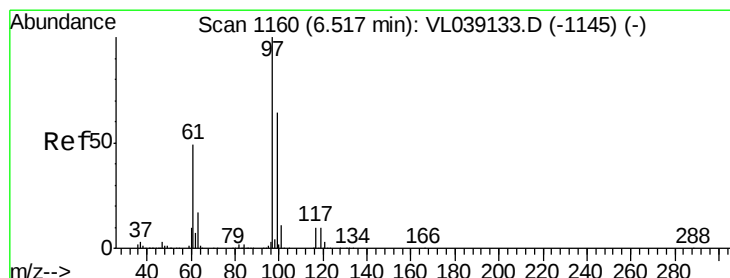
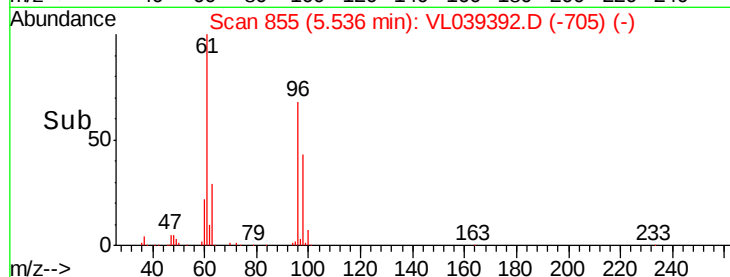
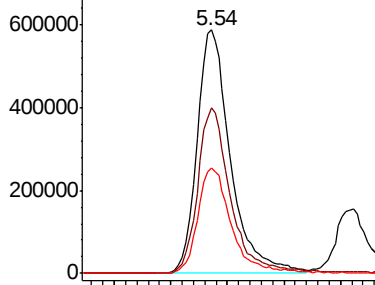
61 100

96 67.8 49.9 74.9

98 42.9 32.0 48.0



Abundance Ion 61.10 (60.80 to 61.80): VL0
800000 Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 10.265 ppbv

RT: 6.50 min Scan# 1154

Delta R.T. -0.02 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

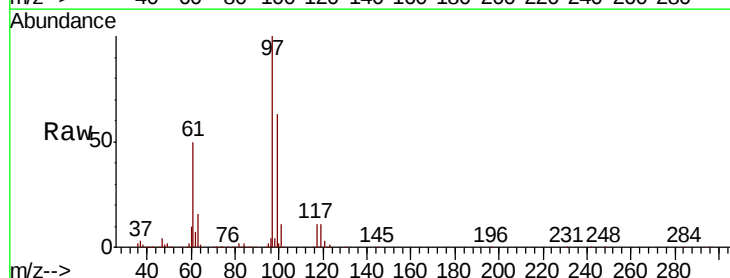
Tgt Ion: 97 Resp: 1914119

Ion Ratio Lower Upper

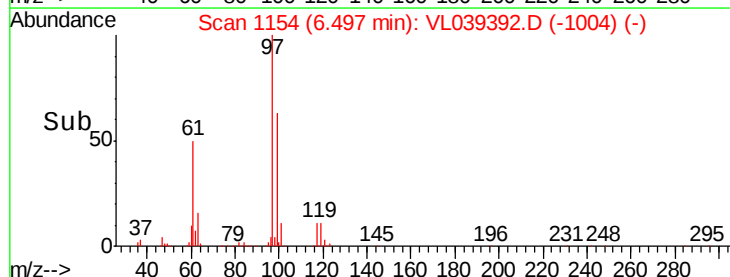
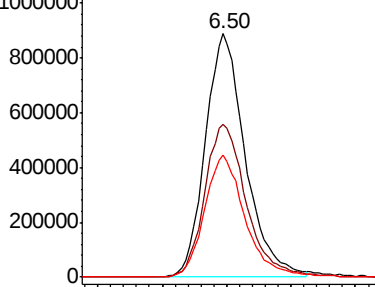
97 100

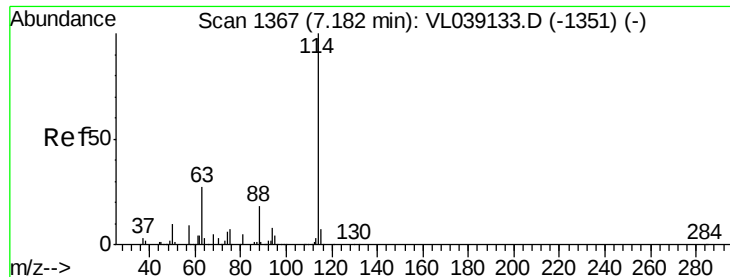
99 65.5 52.1 78.1

61 50.9 40.0 60.0



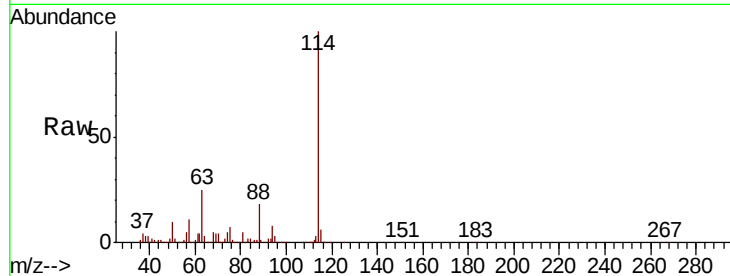
Abundance Ion 97.00 (96.70 to 97.70): VL0
1200000 Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



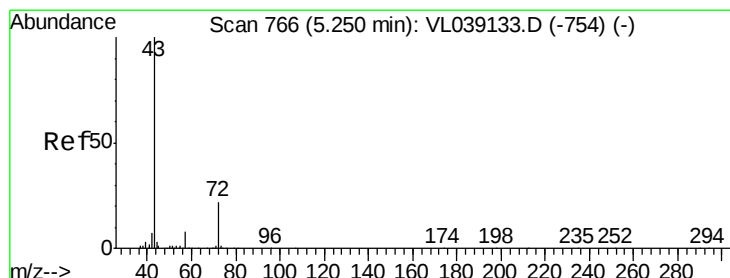
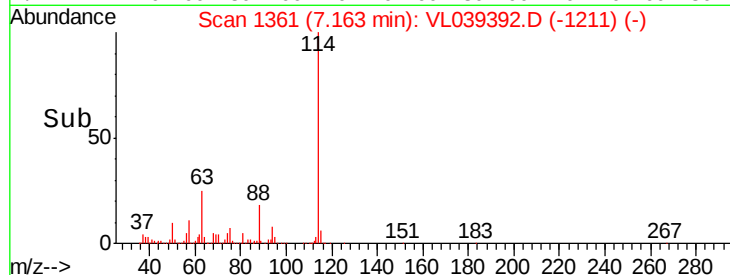
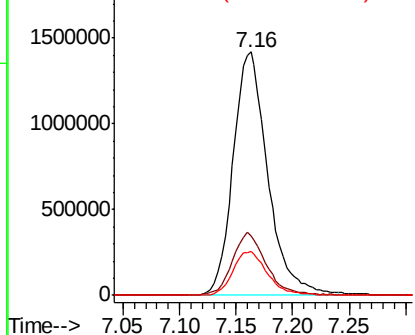


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 28 Jun 2022 13:48

Tot Ion:114 Resp: 3032803
 Ion Ratio Lower Upper
 114 100
 63 25.6 21.7 32.5
 88 18.1 14.8 22.2

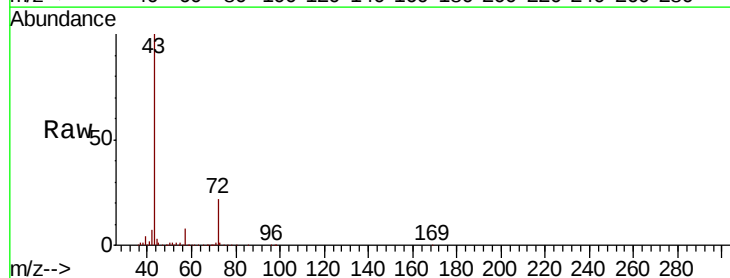


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

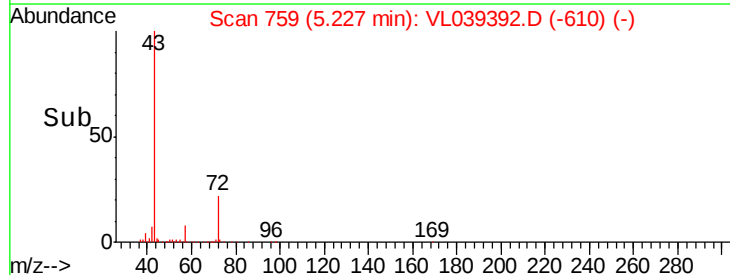
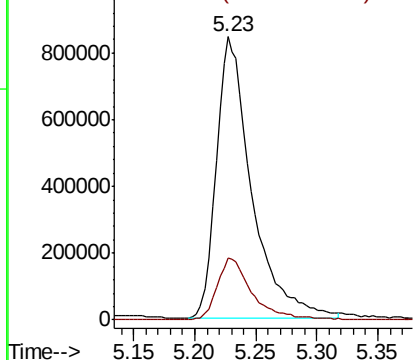


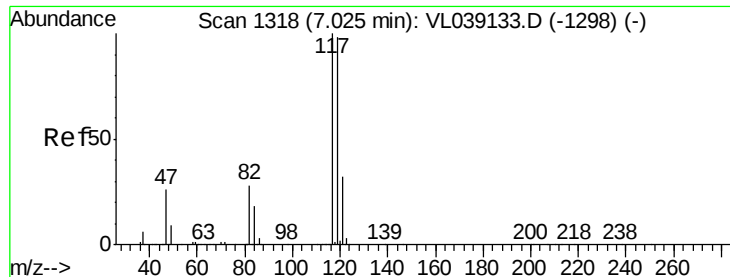
#34
 2-Butanone
 Concen: 10.367 ppbv
 RT: 5.23 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

Tgt Ion: 43 Resp: 1708149
 Ion Ratio Lower Upper
 43 100
 72 22.0 18.2 27.2



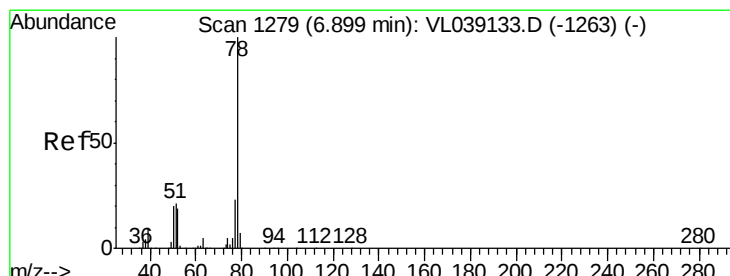
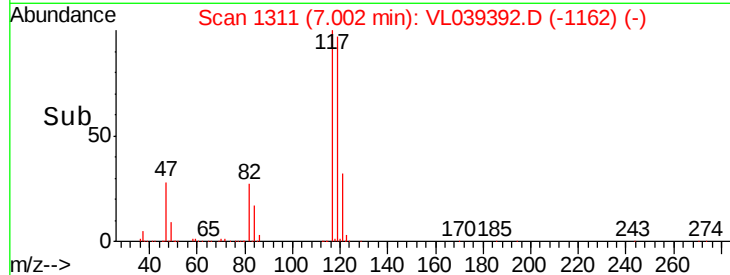
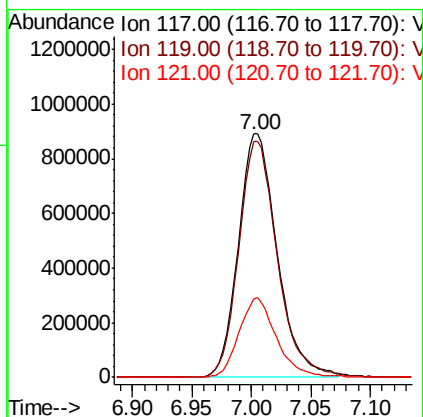
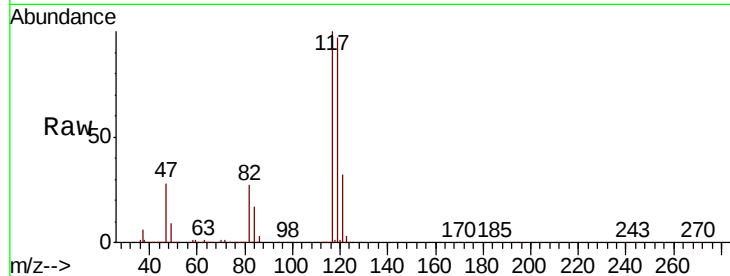
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





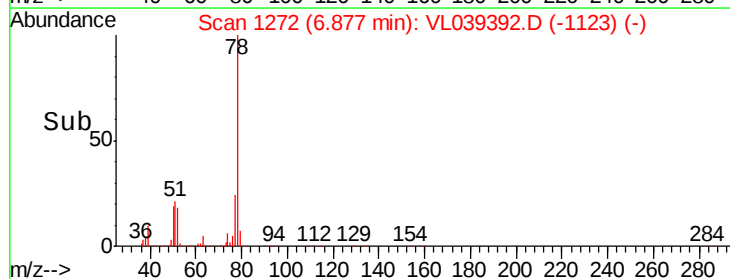
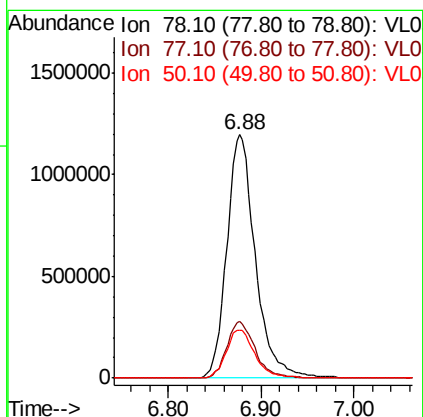
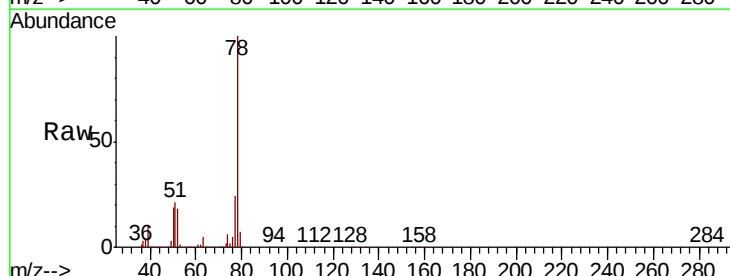
#35
Carbon Tetrachloride
Concen: 9.080 ppbv
RT: 7.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 28 Jun 2022 13:48

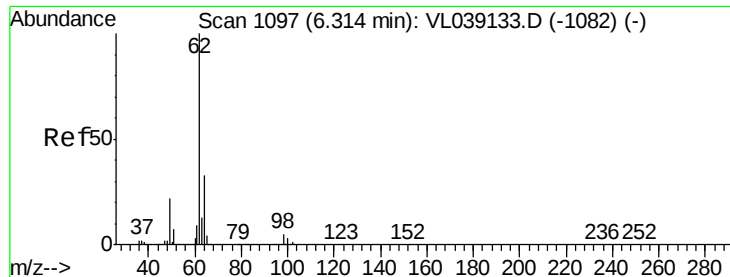
Tot Ion:117 Resp: 2009898
Ion Ratio Lower Upper
117 100
119 96.7 78.6 118.0
121 32.2 25.4 38.0



#36
Benzene
Concen: 10.353 ppbv
RT: 6.88 min Scan# 1272
Delta R.T. -0.02 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

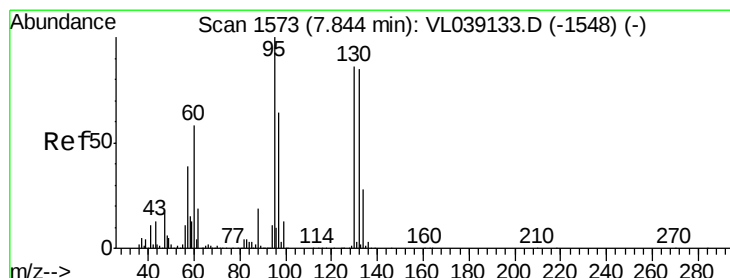
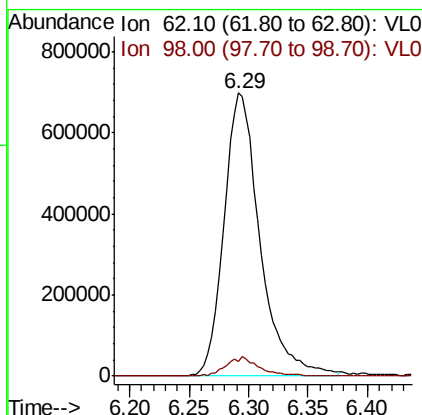
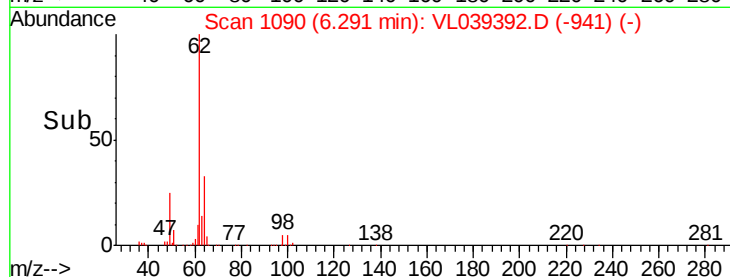
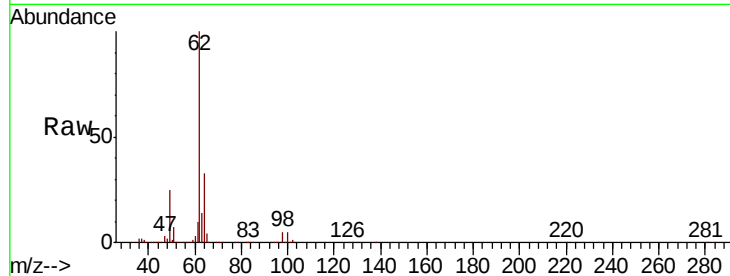
Tgt Ion: 78 Resp: 2549165
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8
50 19.4 15.8 23.8





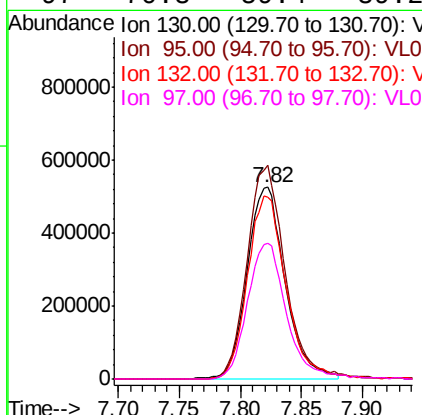
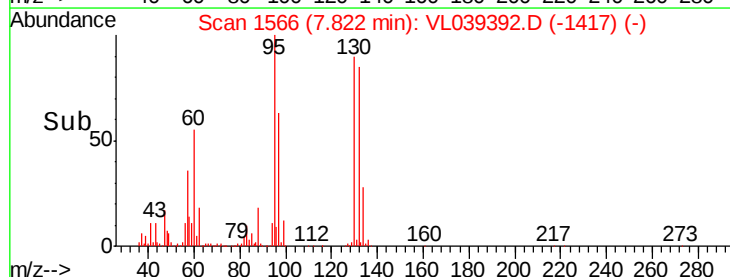
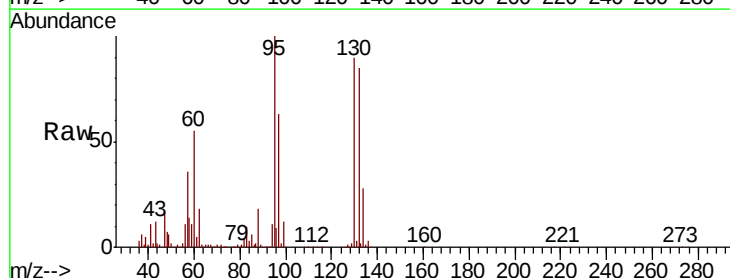
#37
 1,2-Dichloroethane
 Concen: 9.040 ppbv
 RT: 6.29
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jun 2022 13:48

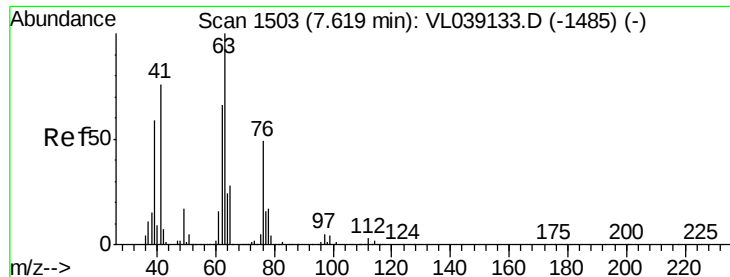
Tot Ion: 62 Resp: 1464865
 Ion Ratio Lower Upper
 62 100
 98 6.5 4.3 6.5#



#38
 Trichloroethene
 Concen: 9.941 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

Tgt Ion: 130 Resp: 1124295
 Ion Ratio Lower Upper
 130 100
 95 111.5 93.3 139.9
 132 95.2 79.0 118.4
 97 70.8 59.4 89.2





#39

1,2-Dichloropropane

Concen: 9.829 ppbv

RT: 7.60 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Jun 2022 13:48 VSTDCCC010EC

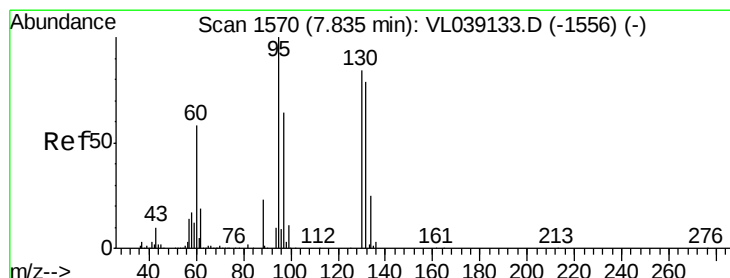
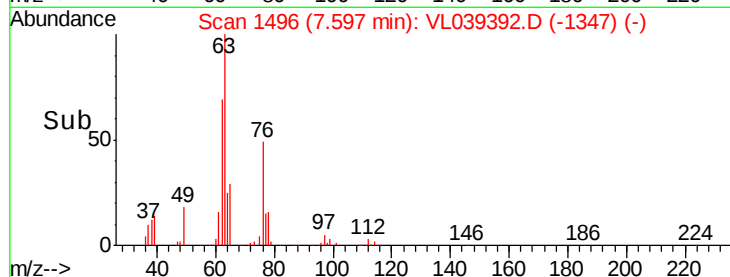
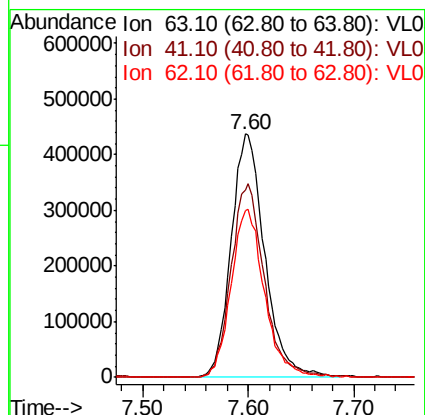
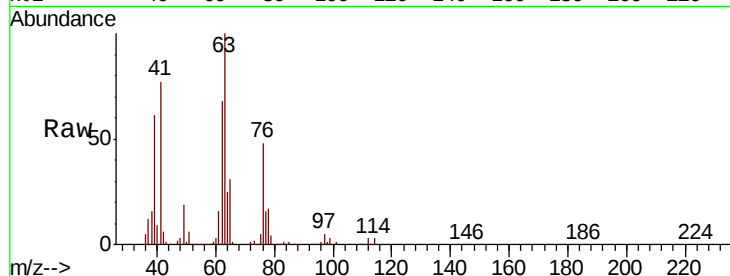
Tot Ion: 63 Resp: 962641

Ion Ratio Lower Upper

63 100

41 76.7 60.8 91.2

62 68.5 52.9 79.3



#40

1,4-Dioxane

Concen: 7.935 ppbv

RT: 7.82 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

Tgt Ion: 88 Resp: 255840

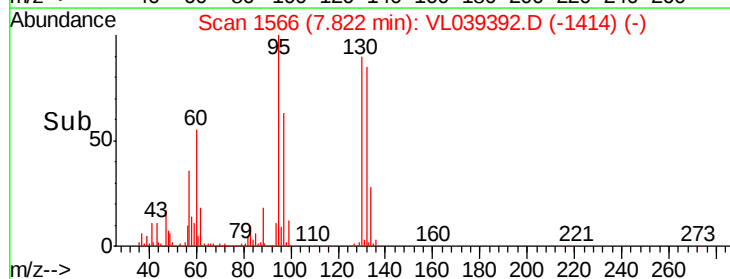
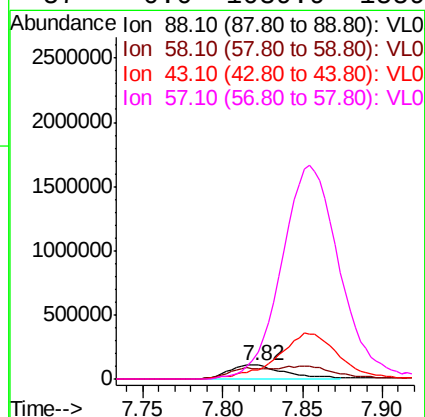
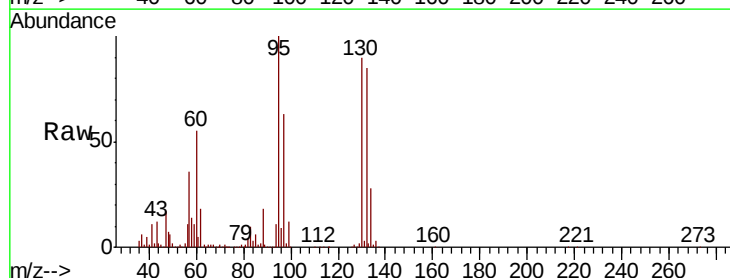
Ion Ratio Lower Upper

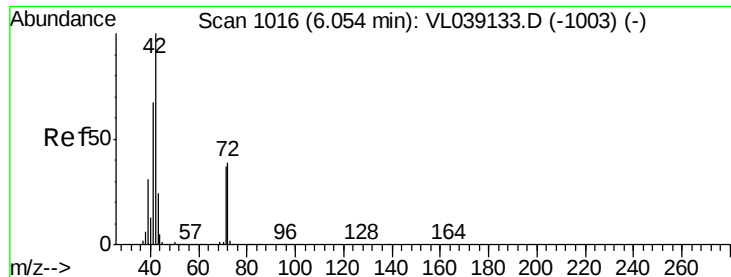
88 100

58 0.0 111.2 166.8#

43 0.0 234.2 351.4#

57 0.0 1039.9 1559.9#





#41

Tetrahydrofuran

Concen: 10.002 ppbv

RT: 6.03 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 28 Jun 2022 13:48

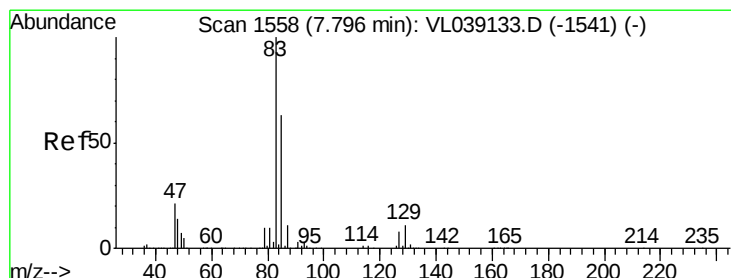
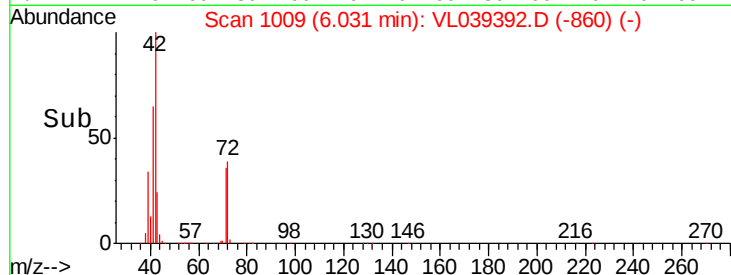
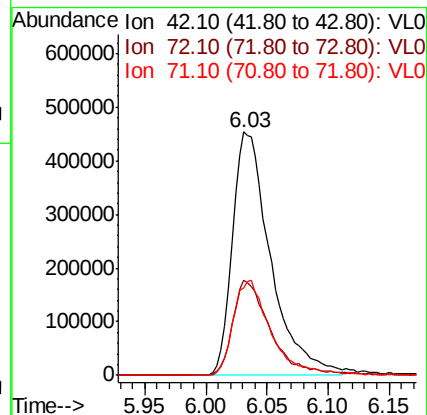
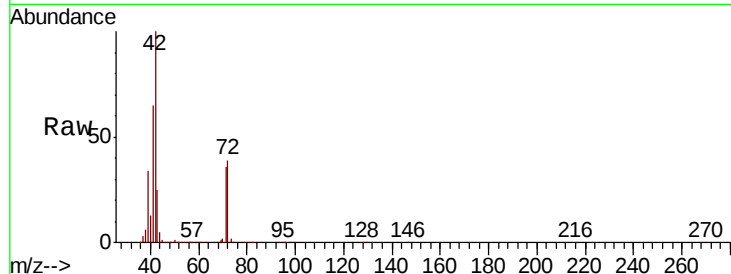
Tot Ion: 42 Resp: 991182

Ion Ratio Lower Upper

42 100

72 39.0 32.0 48.0

71 39.0 31.1 46.7



#42

Bromodichloromethane

Concen: 9.100 ppbv

RT: 7.78 min Scan# 1552

Delta R.T. -0.02 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

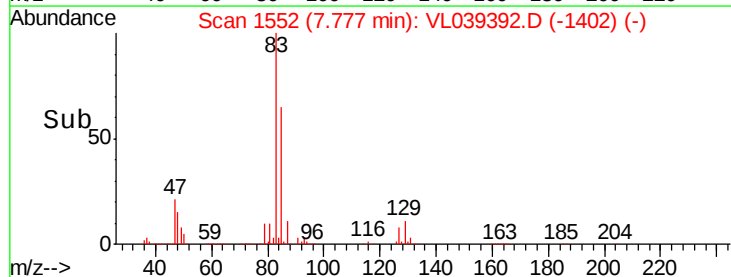
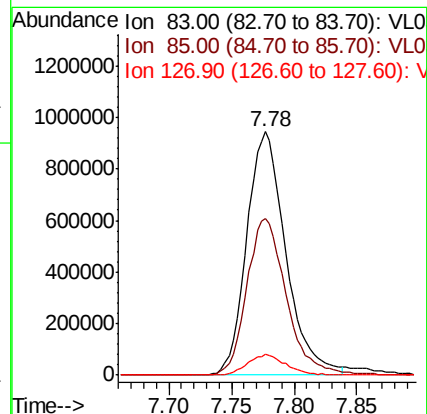
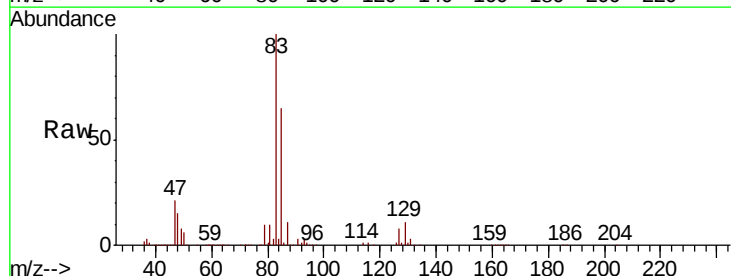
Tgt Ion: 83 Resp: 2046416

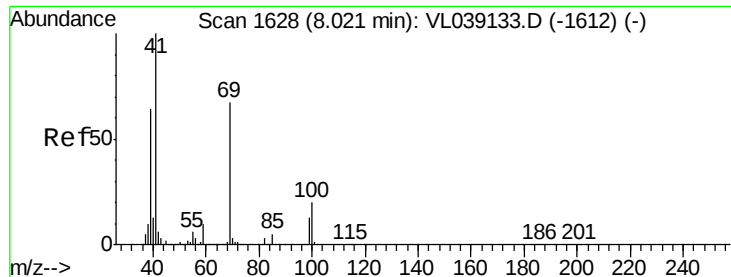
Ion Ratio Lower Upper

83 100

85 64.5 50.2 75.4

127 8.5 6.6 9.8





#43

Methyl Methacrylate

Concen: 11.223 ppbv

RT: 8.00

Instrument: MSVOA_1

Delta R.T.

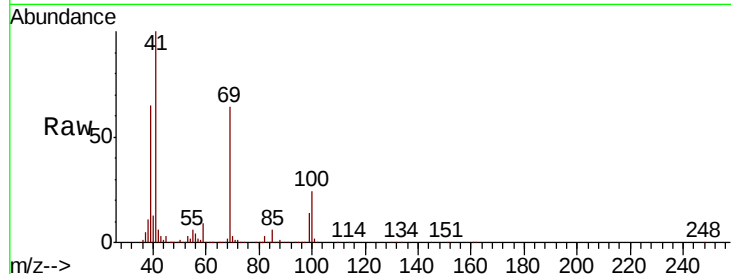
ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 28 Jun 2022 13:48

Tot Ion: 69 Resp: 1076402

Ion	Ratio	Lower	Upper
69	100		
41	153.8	121.9	182.9
100	35.3	24.1	36.1

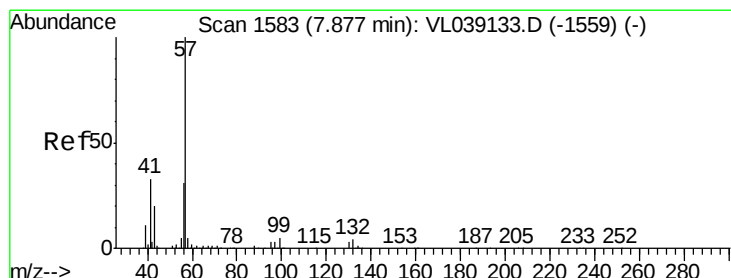
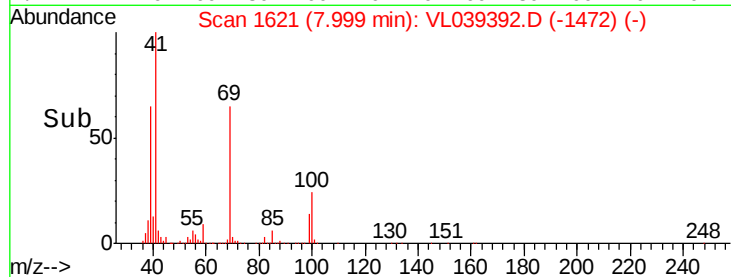
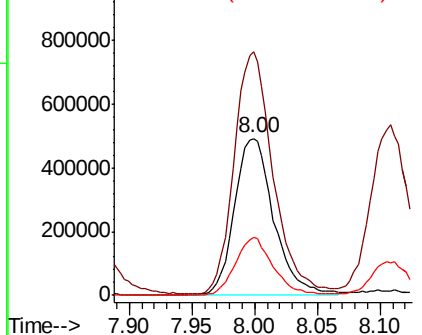


Abundance

Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 9.830 ppbv

RT: 7.85 min Scan# 1576

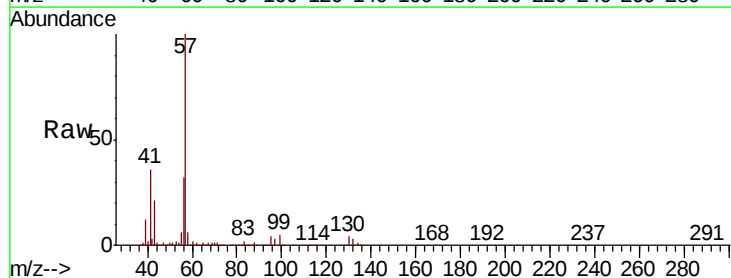
Delta R.T. -0.02 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

Tgt Ion: 57 Resp: 4233904

Ion	Ratio	Lower	Upper
57	100		
41	34.8	26.2	39.4
56	31.6	24.7	37.1

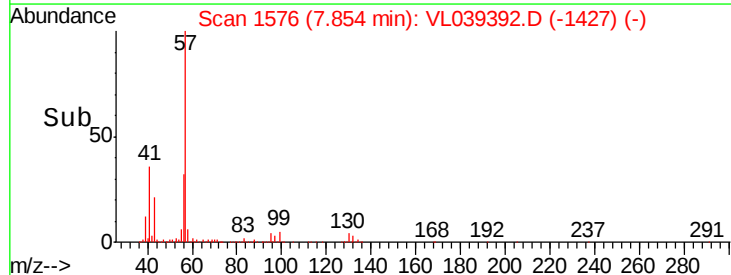
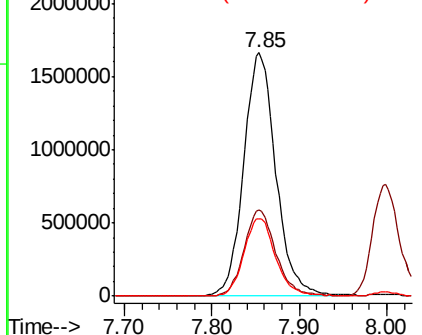


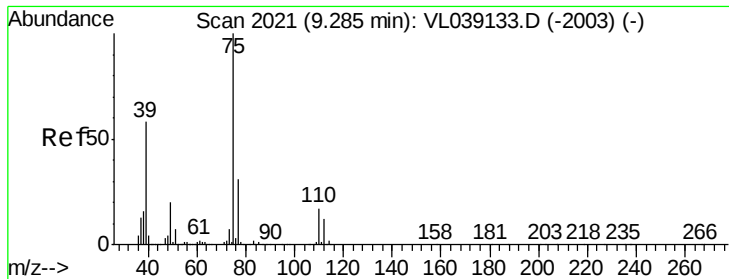
Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#45

t-1,3-Dichloropropene

Concen: 8.069 ppbv

RT: 9.26 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId: VSTDCCC010EC

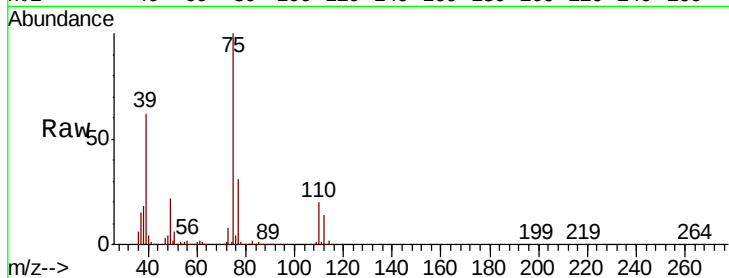
Acq: 28 Jun 2022 13:48

Tot Ion: 75 Resp: 805963

Ion Ratio Lower Upper

75 100

77 30.6 24.4 36.6



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

9.26

400000

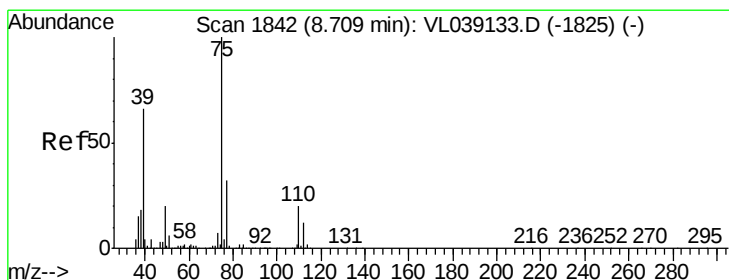
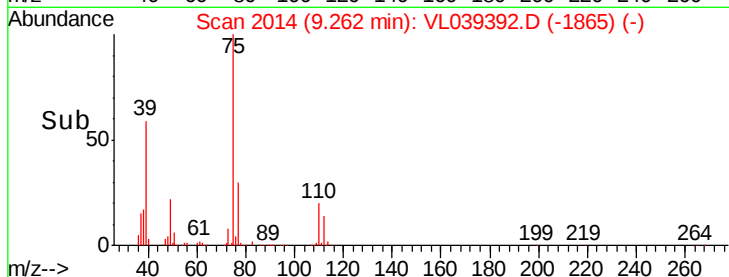
300000

200000

100000

0

Time--> 9.15 9.20 9.25 9.30 9.35



#46

cis-1,3-Dichloropropene

Concen: 8.817 ppbv

RT: 8.69 min Scan# 1835

Delta R.T. -0.02 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

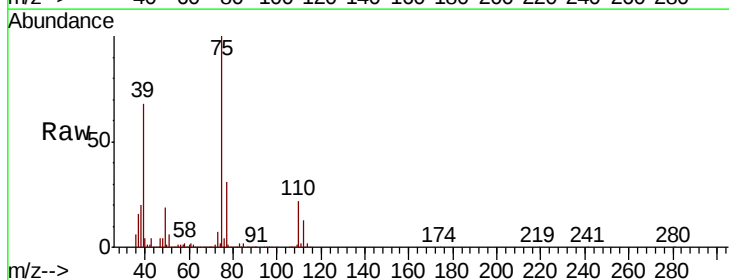
Tgt Ion: 75 Resp: 1163448

Ion Ratio Lower Upper

75 100

39 68.2 52.4 78.6

77 30.8 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

8.69

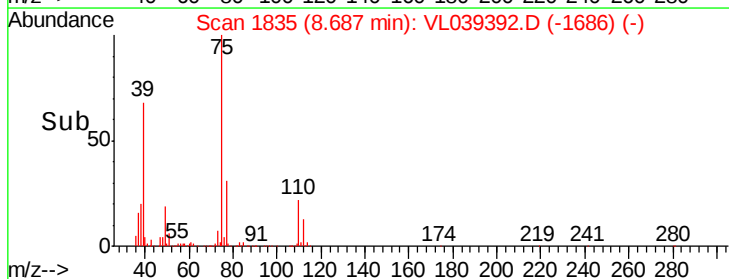
600000

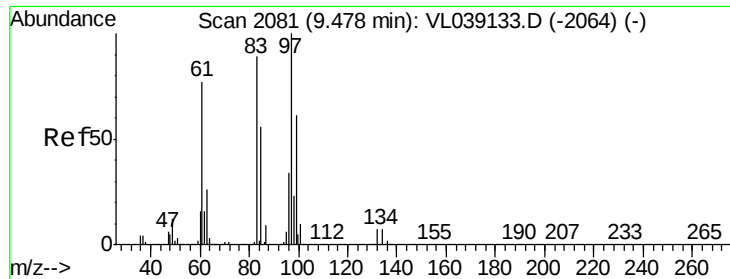
400000

200000

0

Time--> 8.60 8.65 8.70 8.75 8.80

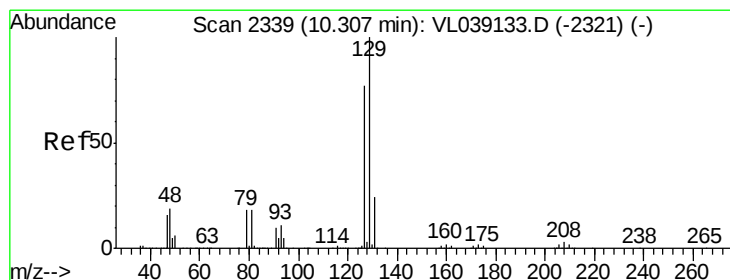
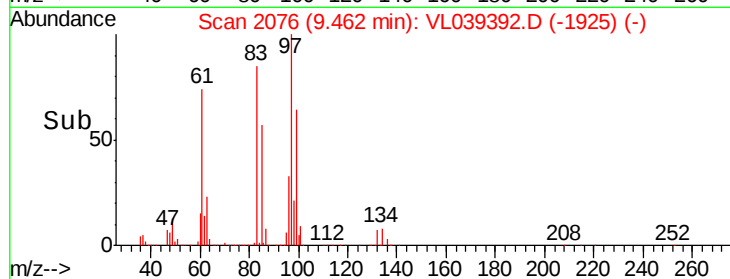
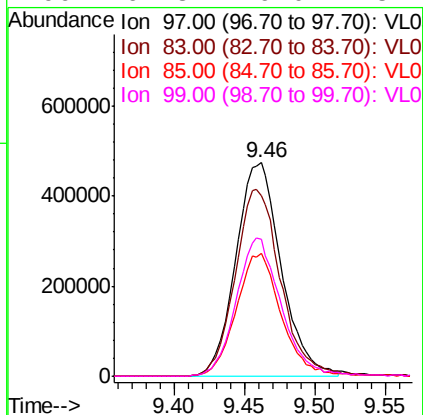
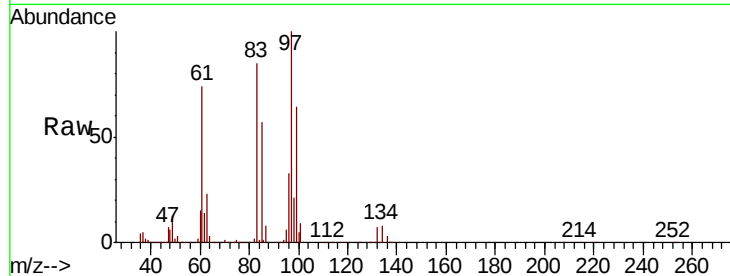




#47
 1,1,2-Trichloroethane
 Concen: 10.431 ppbv
 RT: 9.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jun 2022 13:48

Tot Ion: 97 Resp: 1065813

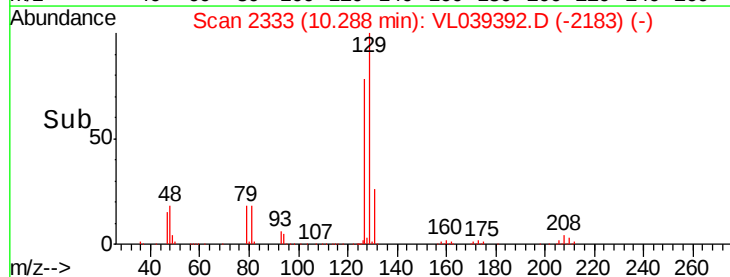
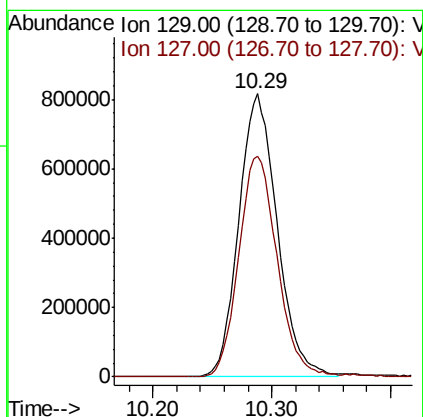
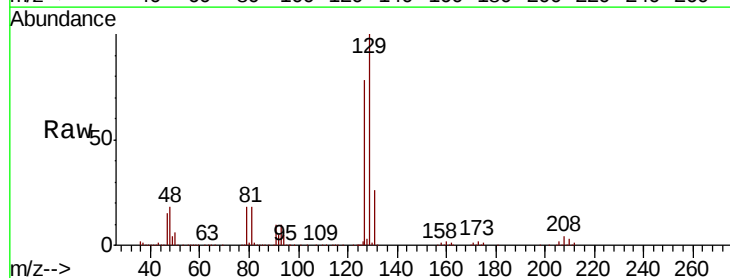
Ion	Ratio	Lower	Upper
97	100		
83	84.6	71.6	107.4
85	57.2	44.8	67.2
99	64.3	49.0	73.4

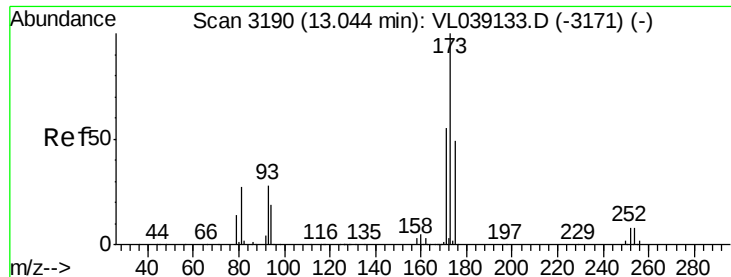


#48
 Dibromochloromethane
 Concen: 9.981 ppbv
 RT: 10.29 min Scan# 2333
 Delta R.T. -0.02 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

Tgt Ion: 129 Resp: 1820926

Ion	Ratio	Lower	Upper
129	100		
127	79.1	40.0	119.9





#49

Bromoform

Concen: 9.966 ppbv

RT: 13.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Jun 2022 13:48

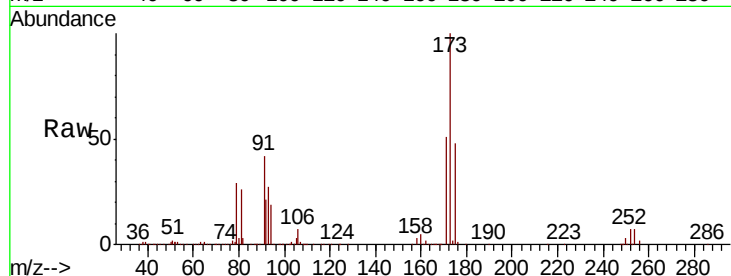
Tot Ion:173 Resp: 1515214

Ion Ratio Lower Upper

173 100

175 51.2 40.2 60.2

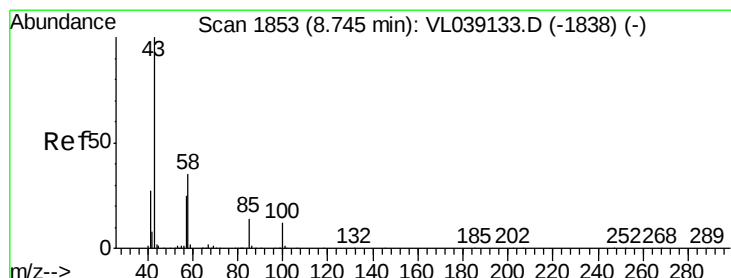
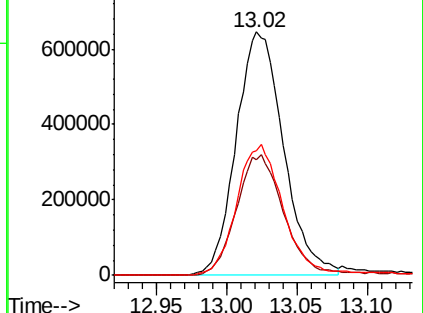
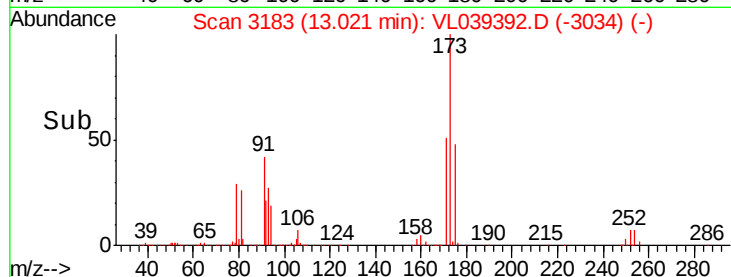
171 54.3 43.9 65.9



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: 10.714 ppbv

RT: 8.72 min Scan# 1846

Delta R.T. -0.02 min

Lab File: VL039392.D

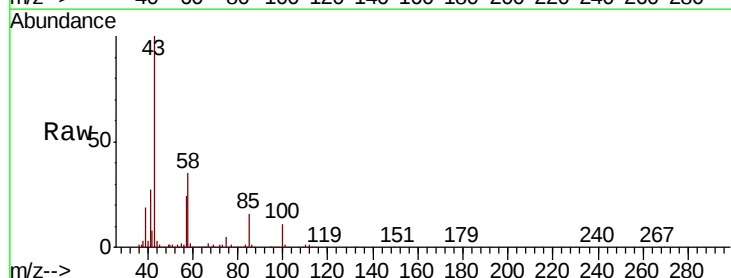
Acq: 28 Jun 2022 13:48

Tgt Ion: 43 Resp: 2642441

Ion Ratio Lower Upper

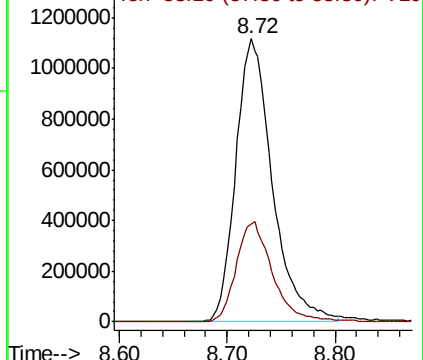
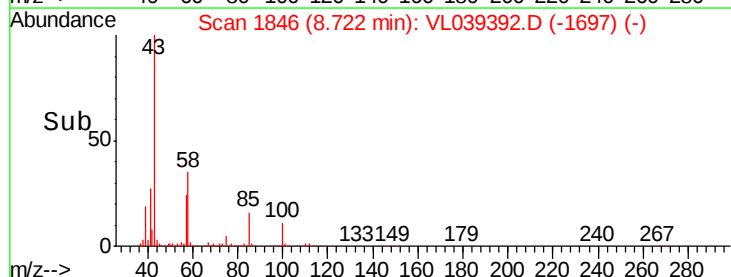
43 100

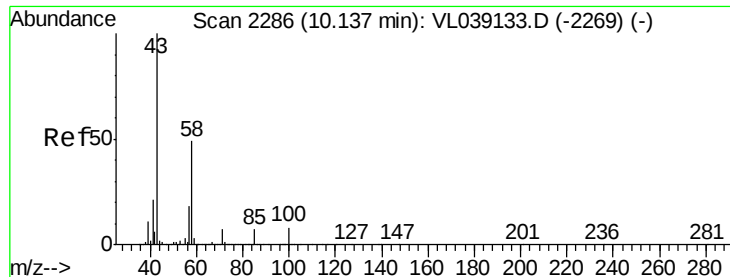
58 35.6 28.7 43.1



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.475 ppbv

RT: 10.11

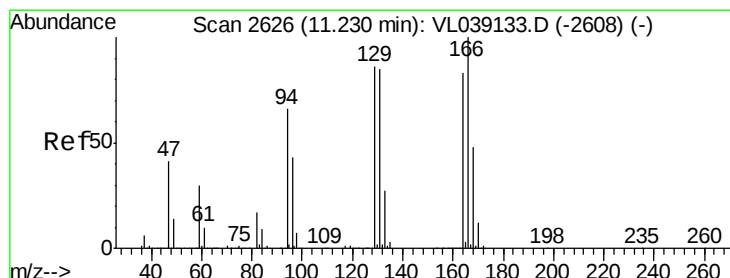
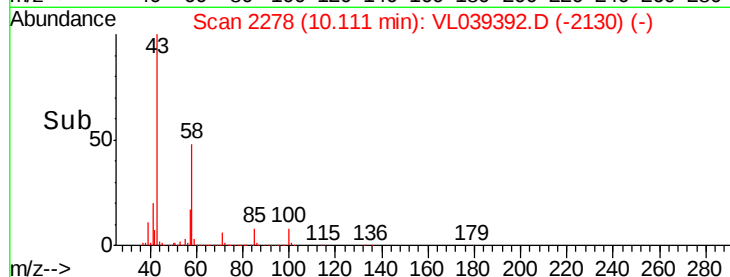
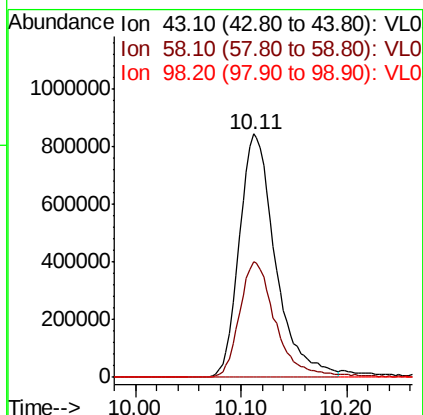
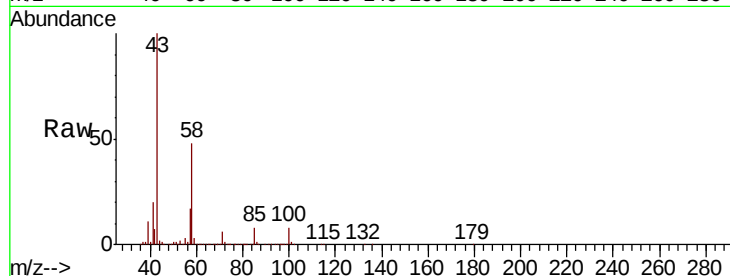
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Jun 2022 13:48

Tot Ion: 43 Resp: 2010202

Ion	Ratio	Lower	Upper
43	100		
58	48.5	40.0	60.0
98	0.4	0.1	0.1#



#52

Tetrachloroethene

Concen: 10.533 ppbv

RT: 11.21 min Scan# 2619

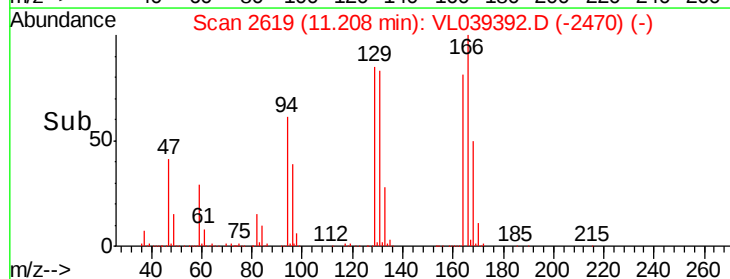
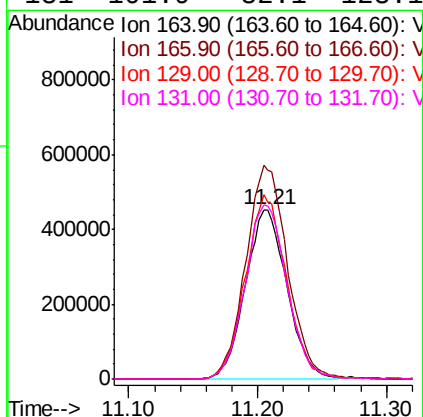
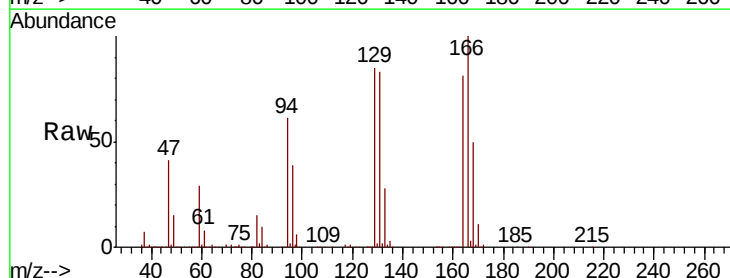
Delta R.T. -0.02 min

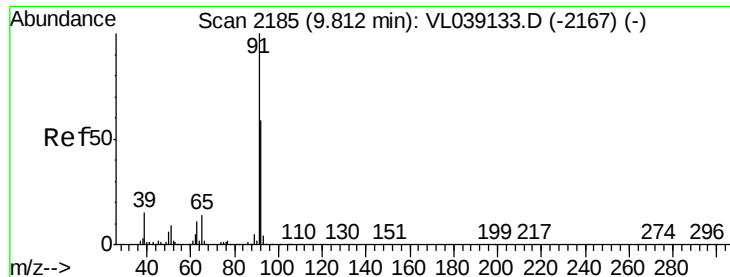
Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

Tgt Ion: 164 Resp: 1012537

Ion	Ratio	Lower	Upper
164	100		
166	123.2	96.3	144.5
129	104.2	82.5	123.7
131	101.9	82.1	123.1





#53

Toluene

Concen: 10.879 ppbv

RT: 9.79 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

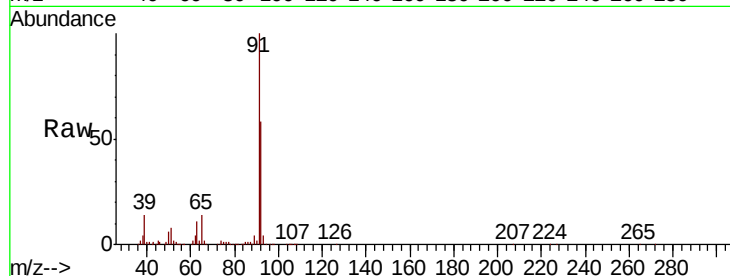
Acq: 28 Jun 2022 13:48 VSTDCCC010EC

Tot Ion: 91 Resp: 3084501

Ion Ratio Lower Upper

91 100

92 59.5 48.1 72.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

9.79

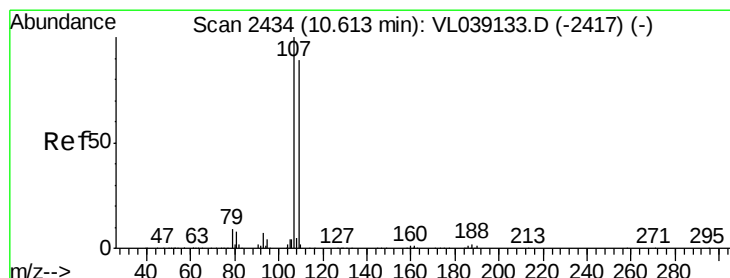
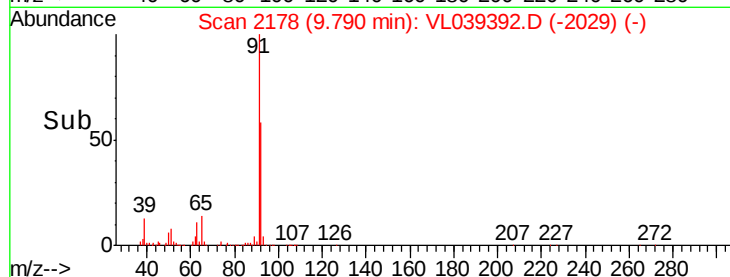
1500000

1000000

500000

0

Time-->



#54

1,2-Dibromoethane

Concen: 10.898 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. -0.02 min

Lab File: VL039392.D

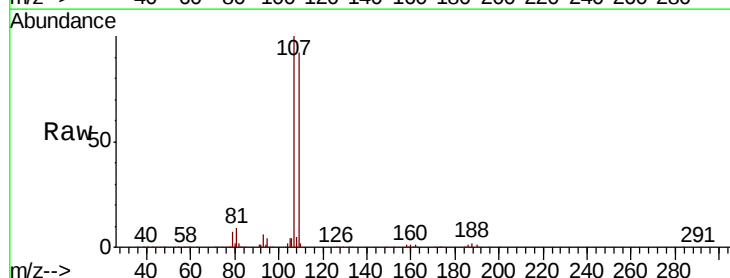
Acq: 28 Jun 2022 13:48

Tgt Ion:107 Resp: 1496314

Ion Ratio Lower Upper

107 100

109 91.6 71.4 107.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

10.59

800000

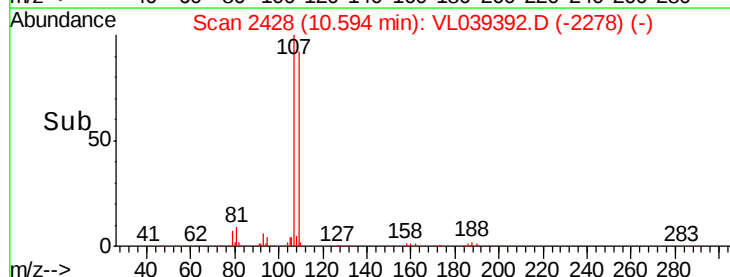
600000

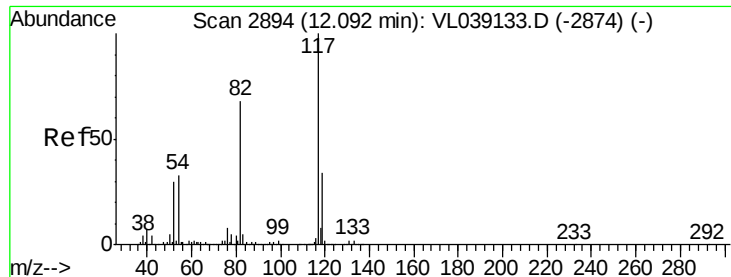
400000

200000

0

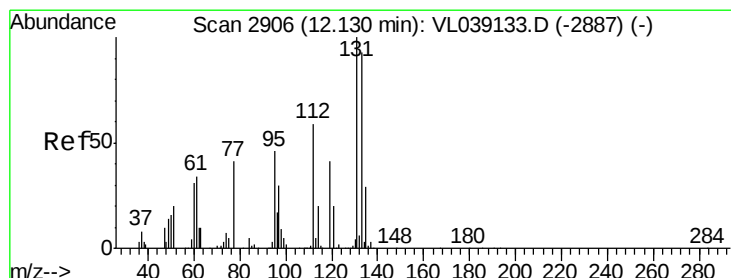
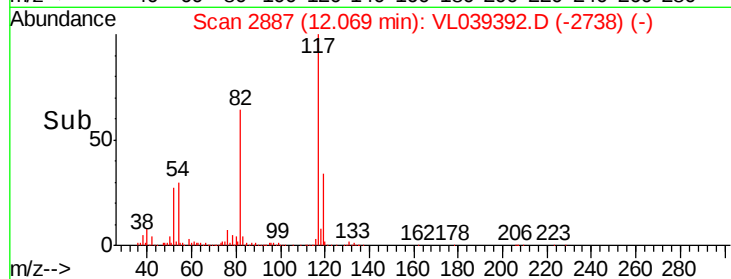
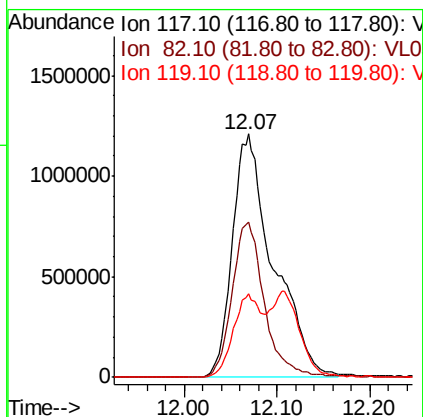
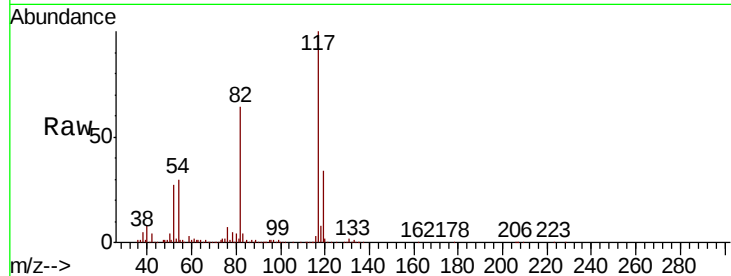
Time-->





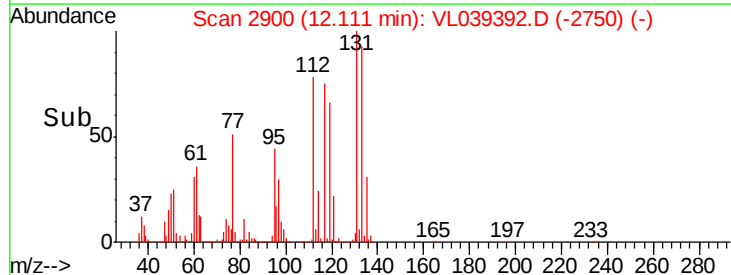
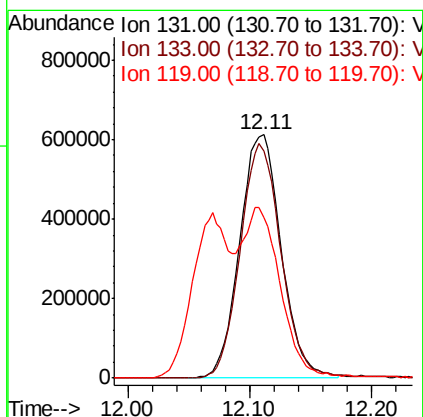
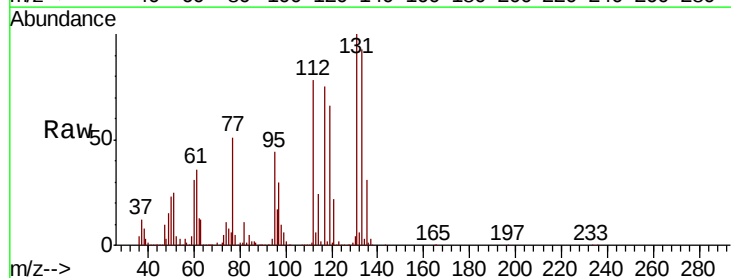
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 28 Jun 2022 13:48
VSTDCCC010EC

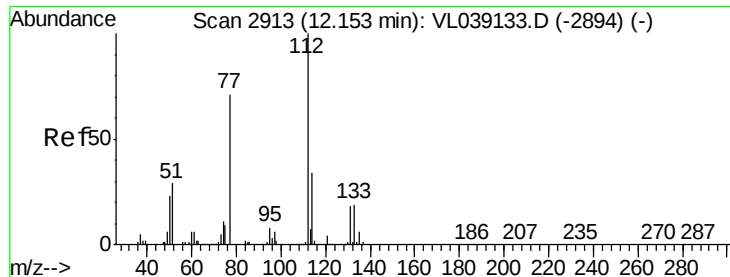
Tot Ion:117 Resp: 3717001
Ion Ratio Lower Upper
117 100
82 50.5 55.1 82.7#
119 21.0 24.7 37.1#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.181 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.02 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

Tgt Ion:131 Resp: 1438836
Ion Ratio Lower Upper
131 100
133 95.3 78.6 117.8
119 73.2 51.7 77.5





#57

Chlorobenzene

Concen: 8.452 ppbv

RT: 12.13

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Jun 2022 13:48

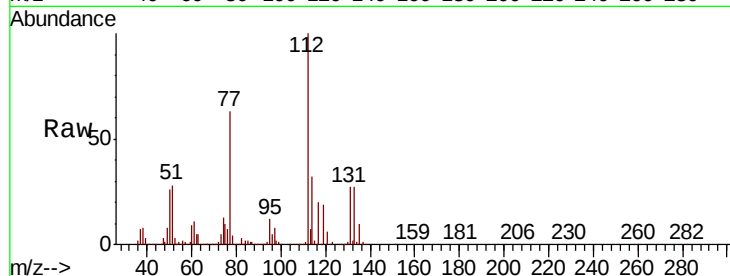
Tot Ion: 112 Resp: 2363718

Ion Ratio Lower Upper

112 100

77 62.1 56.5 84.7

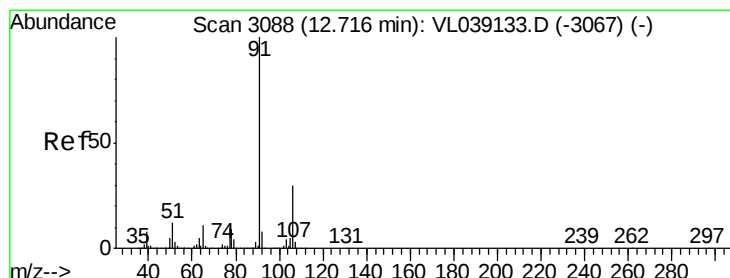
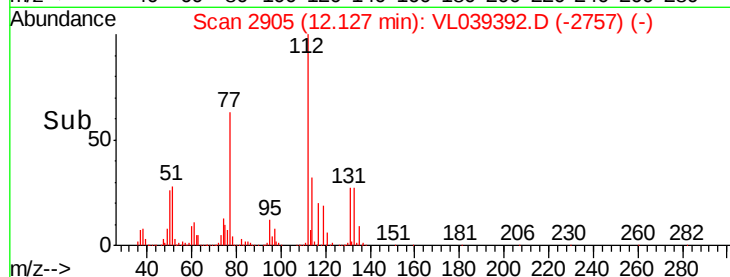
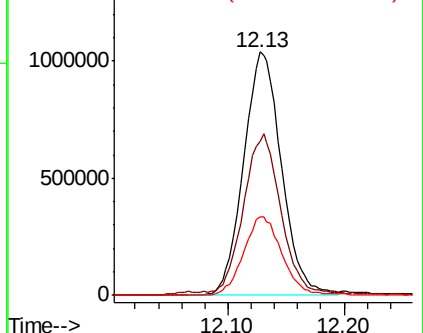
114 32.0 30.3 37.1



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: 8.205 ppbv

RT: 12.69 min Scan# 3081

Delta R.T. -0.02 min

Lab File: VL039392.D

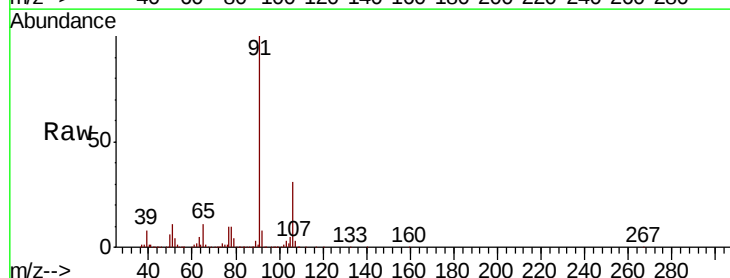
Acq: 28 Jun 2022 13:48

Tgt Ion: 91 Resp: 4201076

Ion Ratio Lower Upper

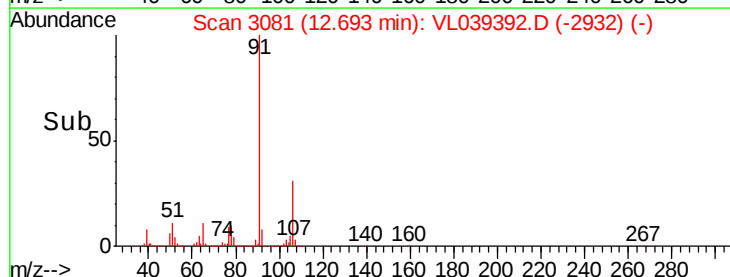
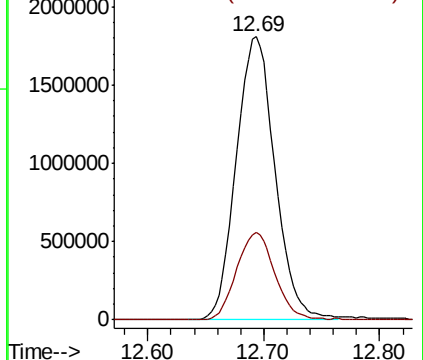
91 100

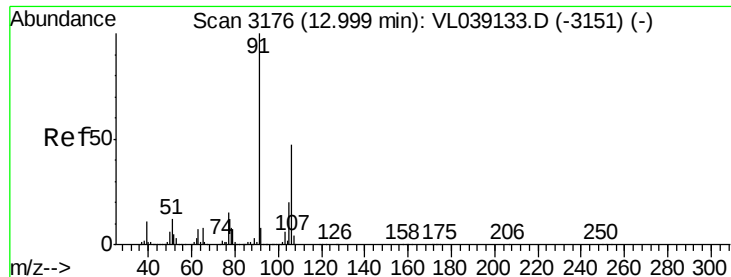
106 31.0 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

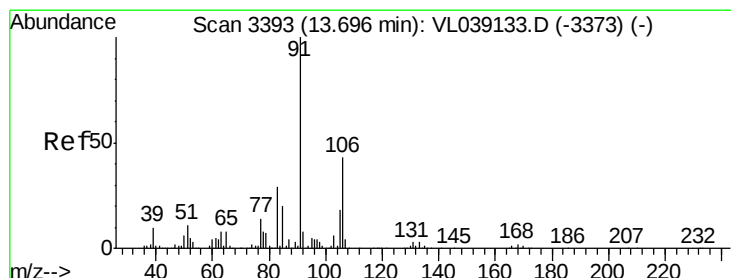
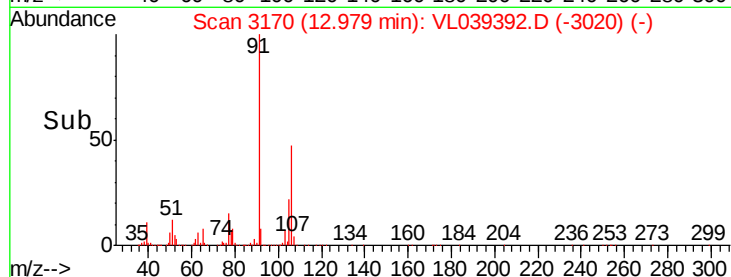
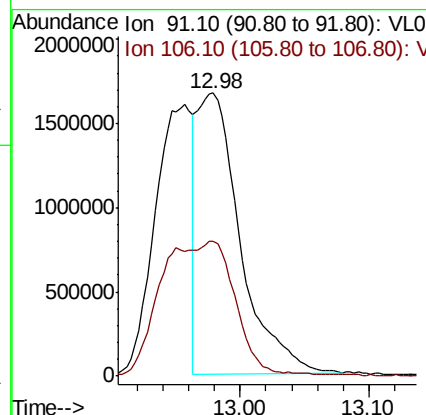
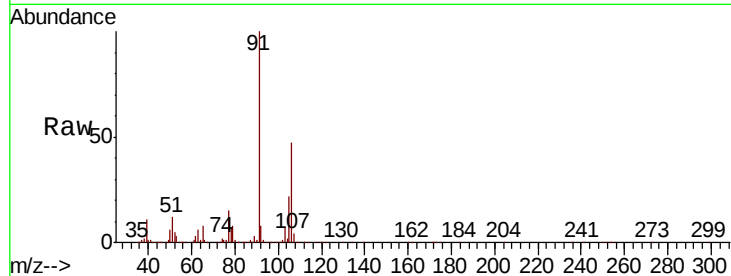
Ion 106.10 (105.80 to 106.80): V





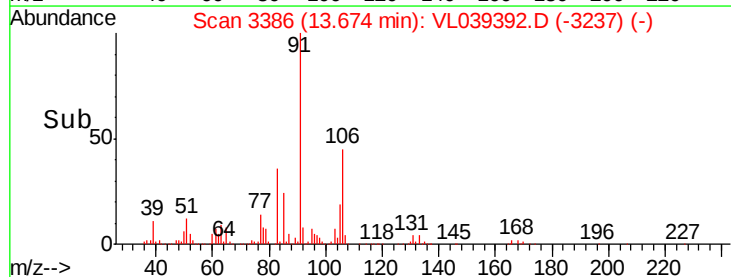
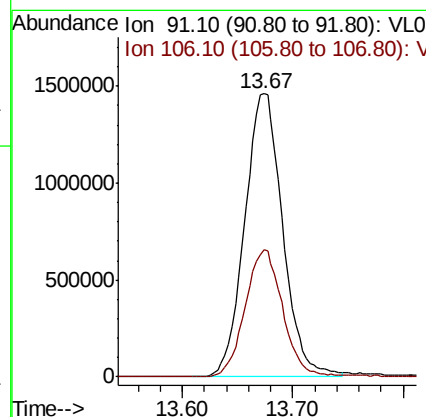
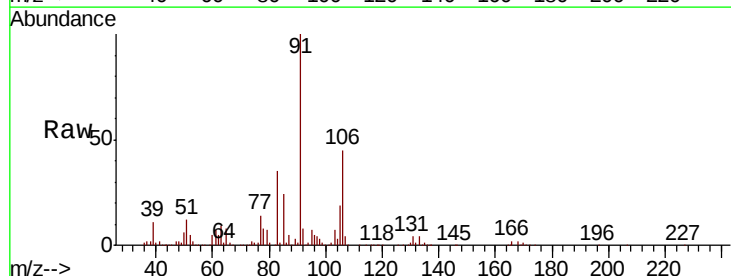
#59
m/p-Xylene
Concen: 8.599 ppbv
RT: 12.98 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Jun 2022 13:48

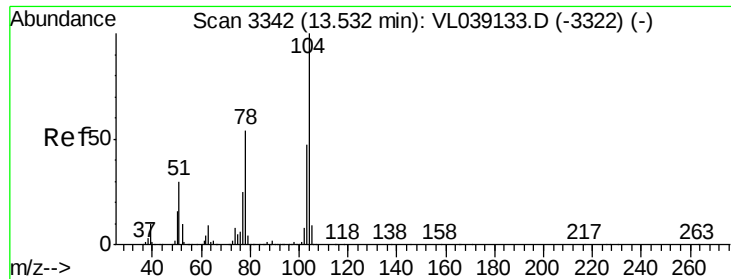
Tot Ion: 91 Resp: 3877210
Ion Ratio Lower Upper
91 100
106 83.4 34.3 51.5#



#60
o-Xylene
Concen: 8.218 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.02 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

Tgt Ion: 91 Resp: 3481583
Ion Ratio Lower Upper
91 100
106 45.2 22.3 66.9

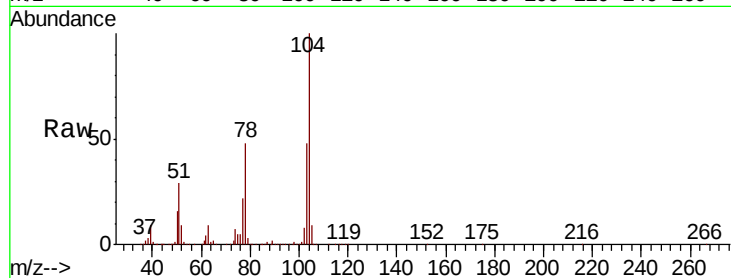




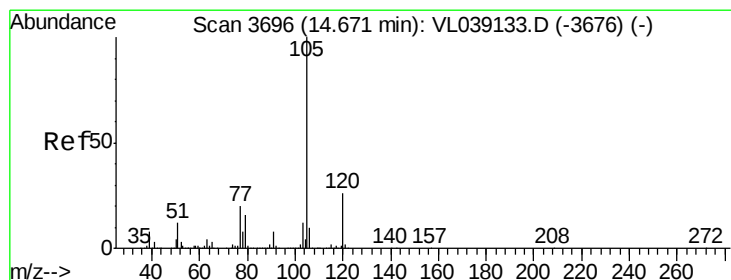
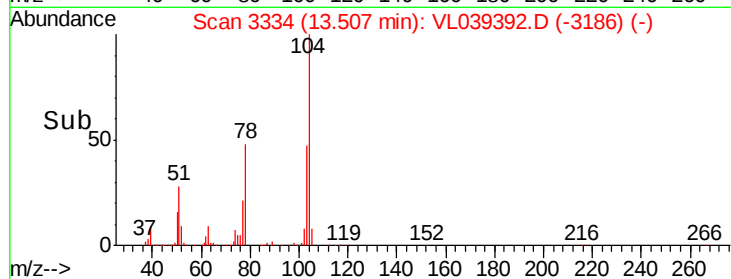
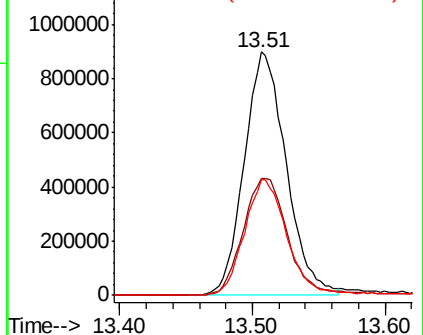
#61
Stvrene
Concen: 8.743 ppbv
RT: 13.51
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Jun 2022 13:48

Tot Ion:104 Resp: 1983622

Ion	Ratio	Lower	Upper
104	100		
78	51.6	45.7	68.5
103	49.0	39.6	59.4



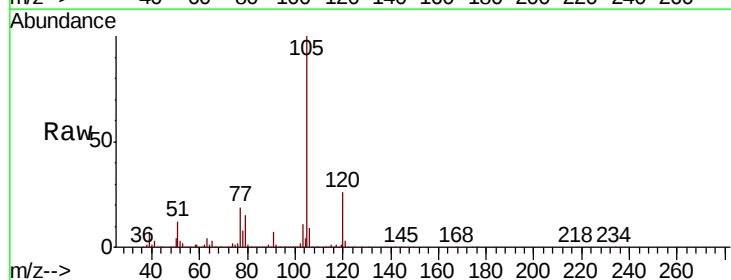
Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V



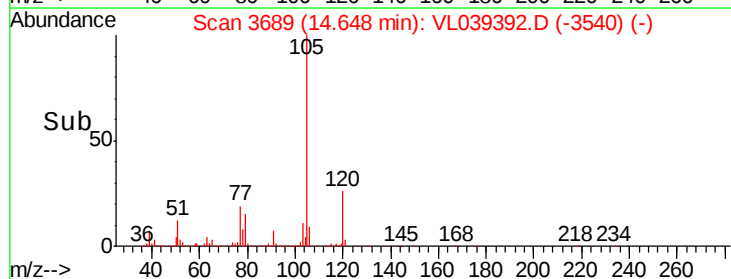
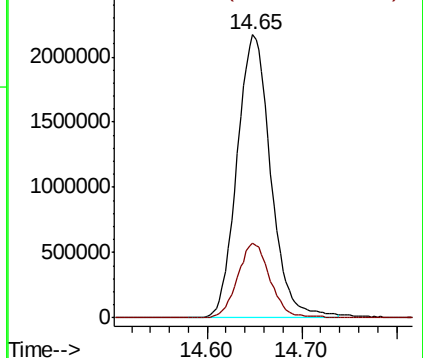
#62
Isopropylbenzene
Concen: 8.546 ppbv
RT: 14.65 min Scan# 3689
Delta R.T. -0.02 min
Lab File: VL039392.D
Acq: 28 Jun 2022 13:48

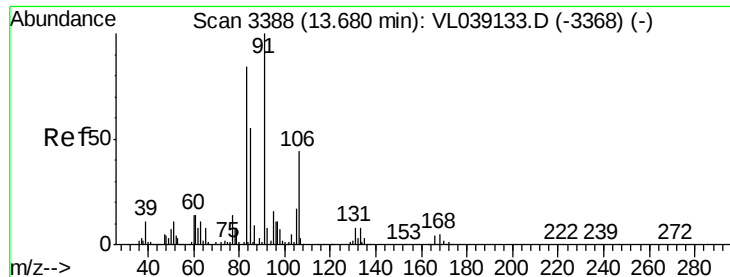
Tgt Ion:105 Resp: 5381038

Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.3	30.5



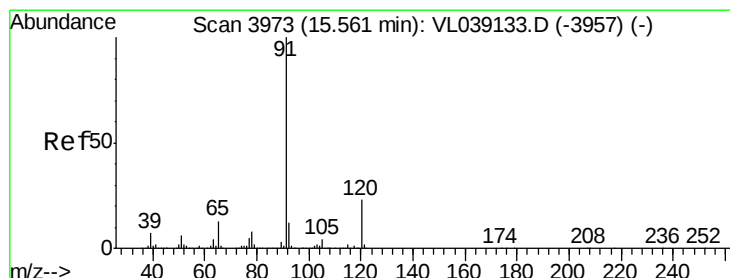
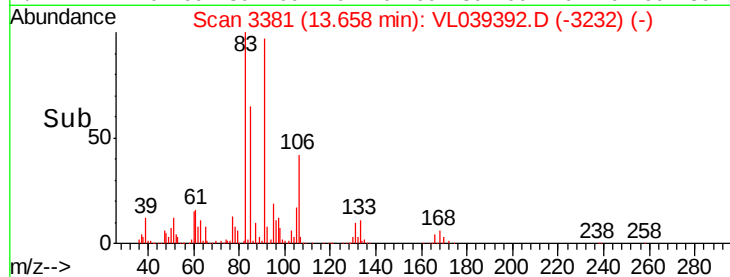
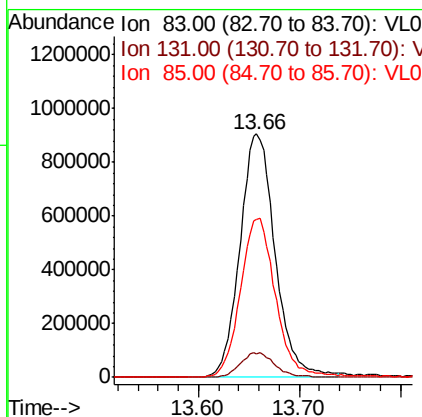
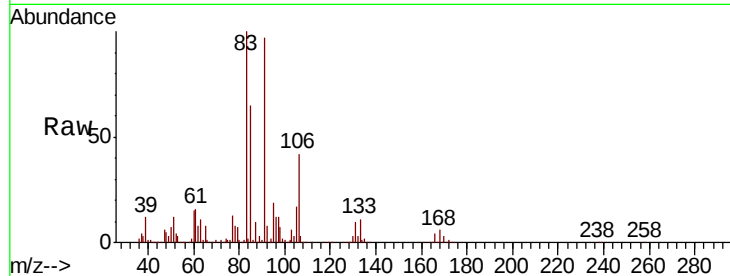
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





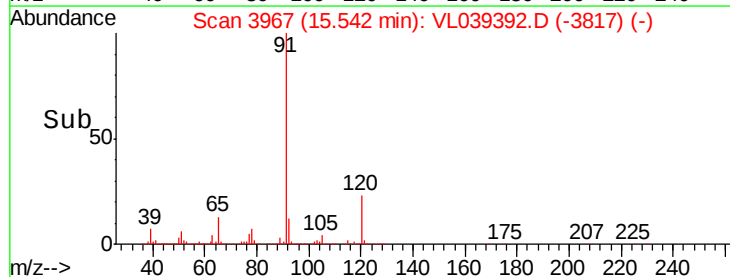
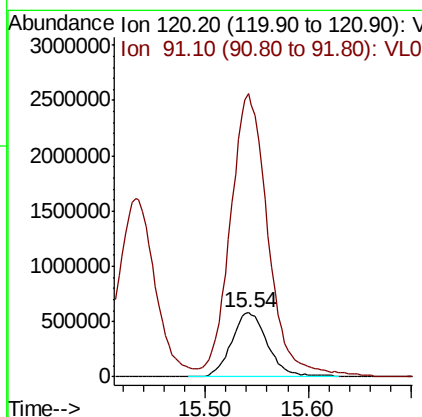
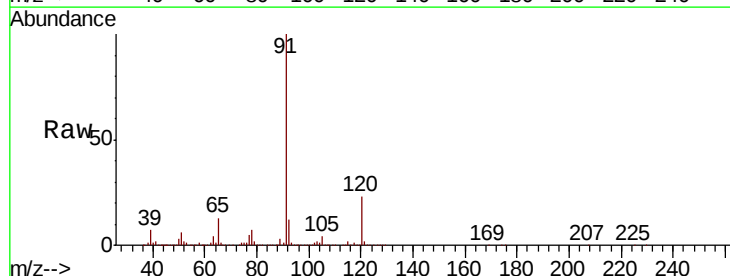
#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.200 ppbv
 RT: 13.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jun 2022 13:48

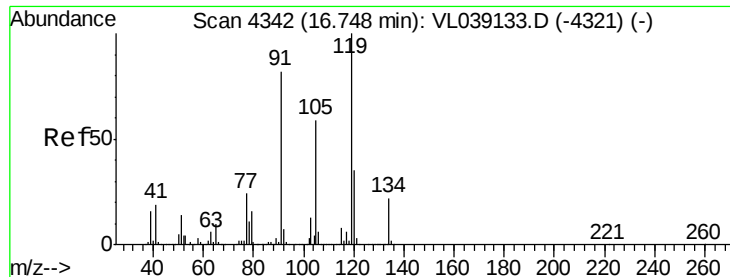
Tot Ion: 83 Resp: 2187917
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.8 14.3
 85 65.7 33.0 99.0



#64
 n-propylbenzene
 Concen: 9.205 ppbv
 RT: 15.54 min Scan# 3967
 Delta R.T. -0.02 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

Tgt Ion:120 Resp: 1424938
 Ion Ratio Lower Upper
 120 100
 91 460.7 388.4 582.6

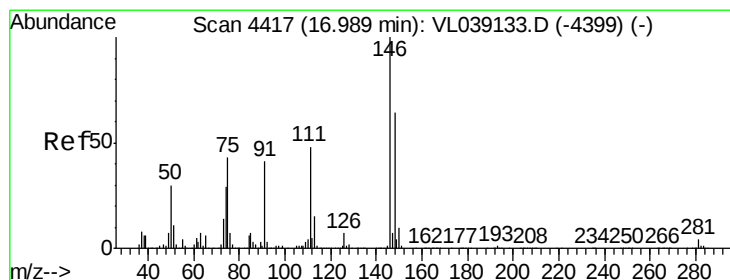
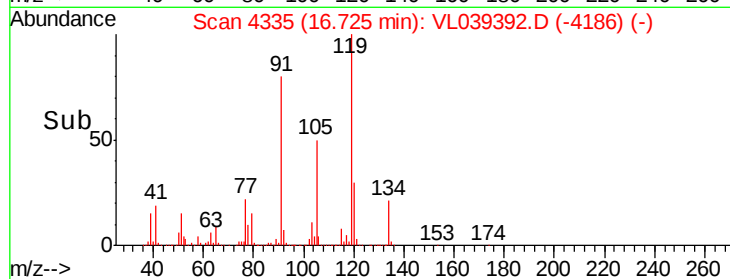
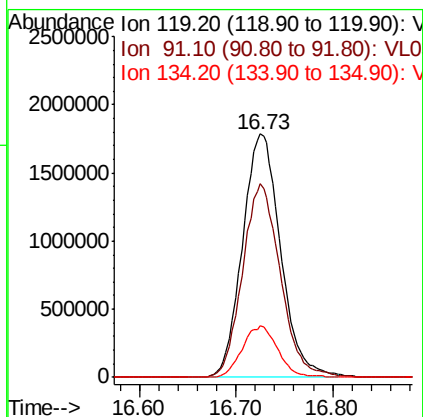
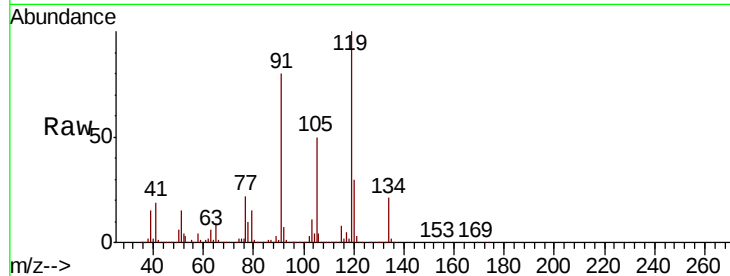




#65
 tert-Butylbenzene
 Concen: 8.468 ppbv
 RT: 16.73 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 28 Jun 2022 13:48

Tot Ion: 119 Resp: 4875702

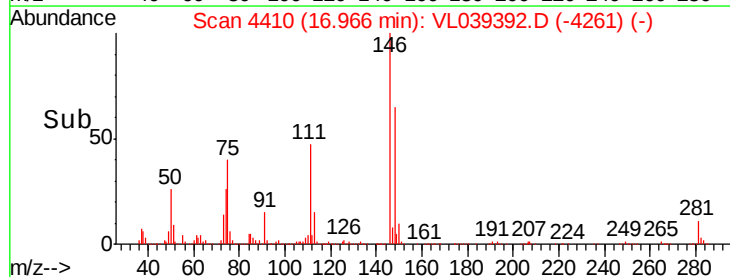
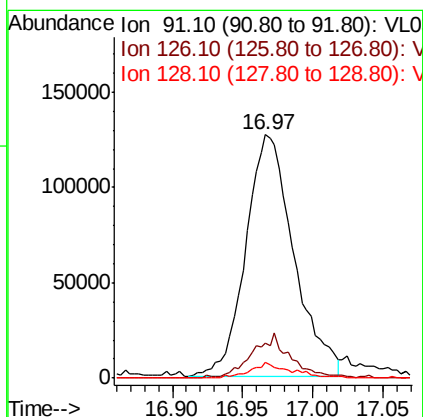
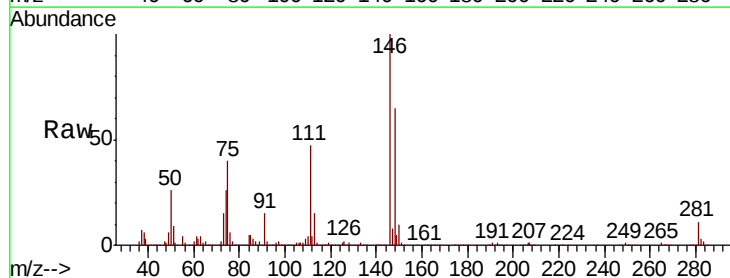
Ion	Ratio	Lower	Upper
119	100		
91	79.2	67.1	100.7
134	19.9	15.8	23.8

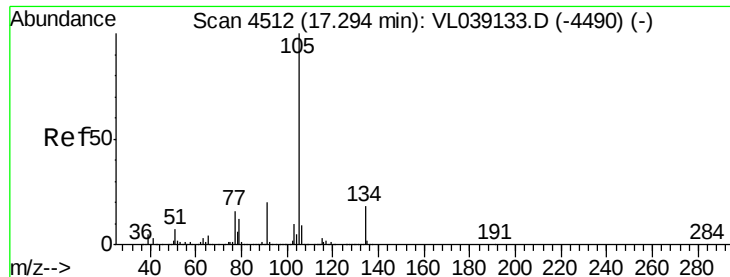


#66
 Benzyl Chloride
 Concen: 4.027 ppbv
 RT: 16.97 min Scan# 4410
 Delta R.T.: -0.02 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

Tgt Ion: 91 Resp: 301468

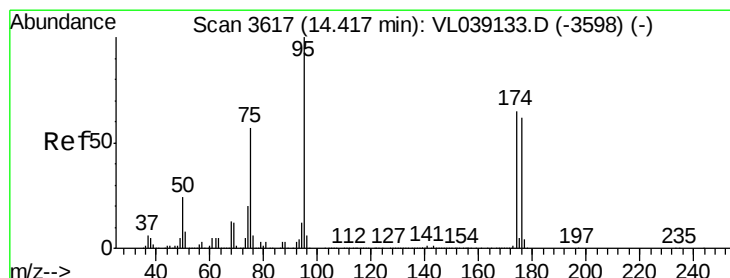
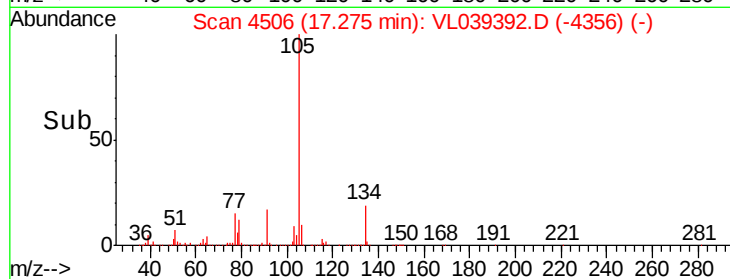
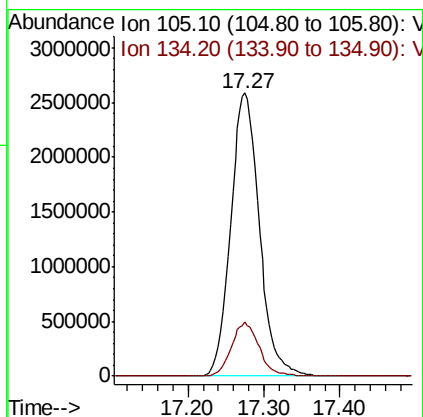
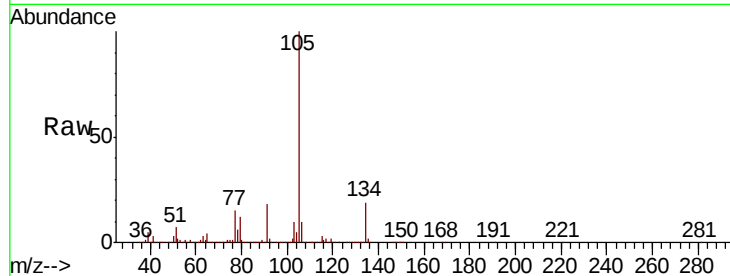
Ion	Ratio	Lower	Upper
91	100		
126	15.5	13.4	20.0
128	5.5	4.1	6.1





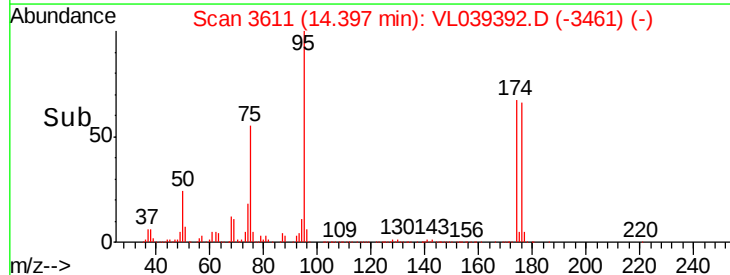
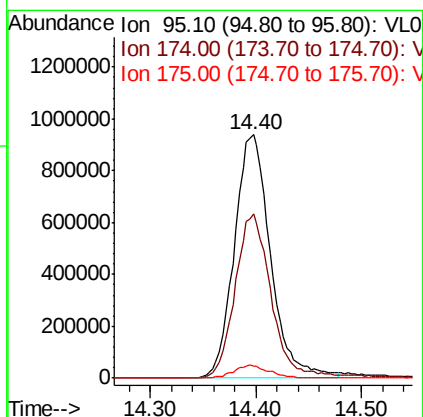
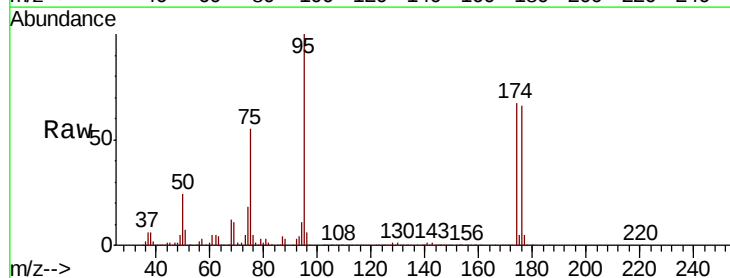
#67
 sec-Butylbenzene
 Concen: 8.603 ppbv
 RT: 17.27 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 28 Jun 2022 13:48

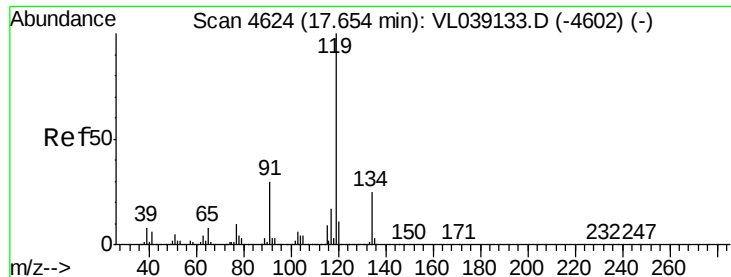
Tot Ion: 105 Resp: 6759069
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.282 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T.: -0.02 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

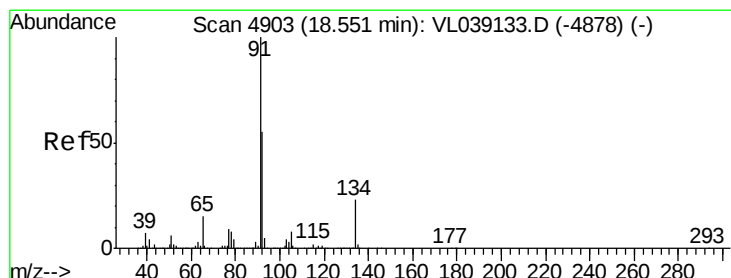
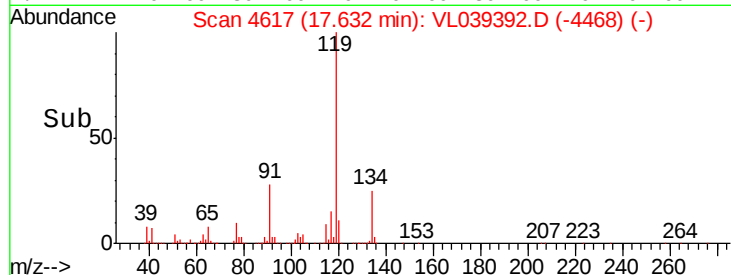
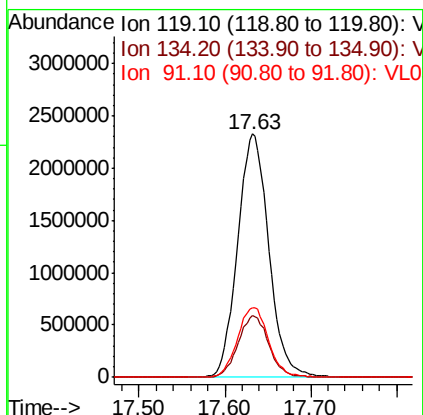
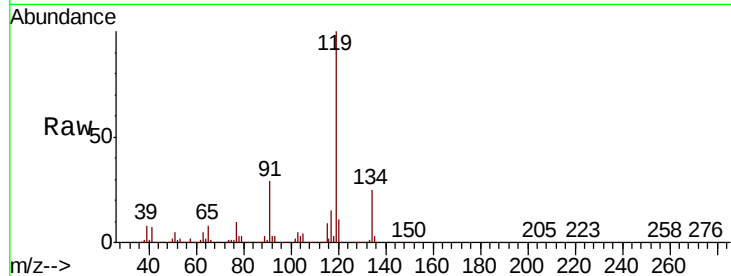
Tgt Ion: 95 Resp: 2237713
 Ion Ratio Lower Upper
 95 100
 174 68.6 53.8 80.8
 175 5.3 4.1 6.1





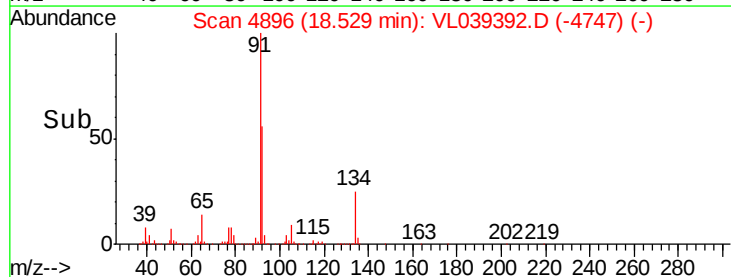
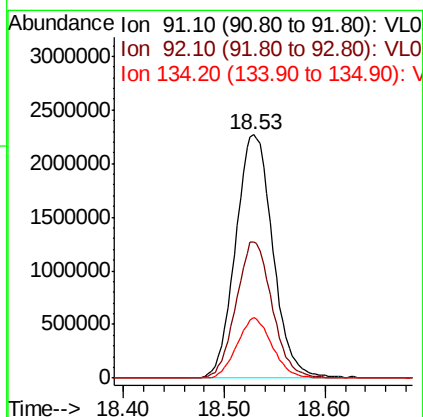
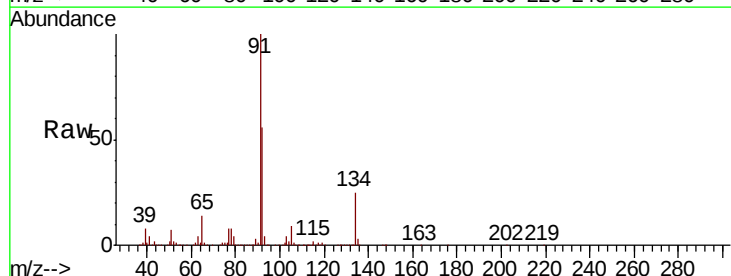
#69
 p-Isopropyltoluene
 Concen: 8.815 ppbv
 RT: 17.63 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jun 2022 13:48

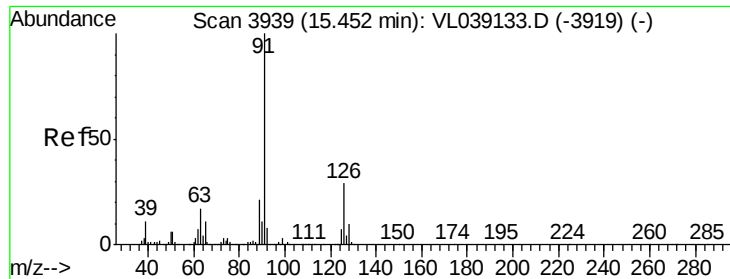
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.4	30.6
91	28.5	24.2	36.4



#70
 n-Butylbenzene
 Concen: 8.496 ppbv
 RT: 18.53 min Scan# 4896
 Delta R.T. -0.02 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

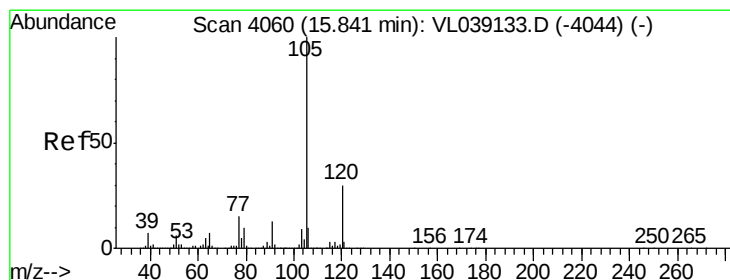
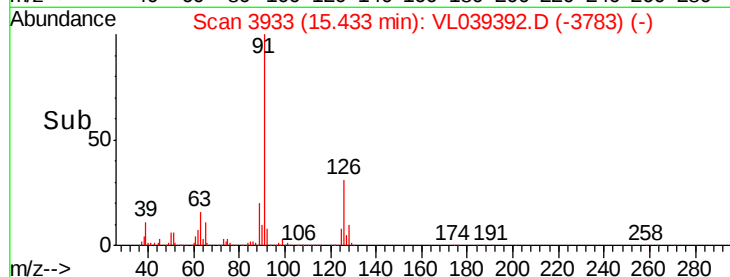
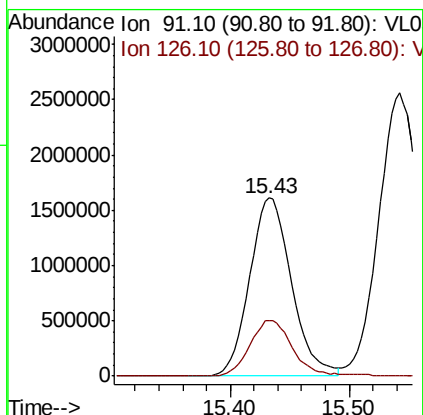
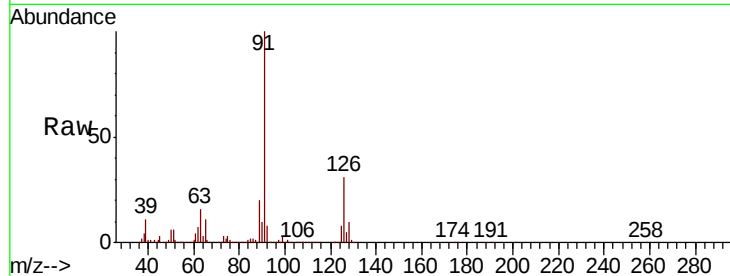
Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	43.6	65.4
134	23.7	17.7	26.5





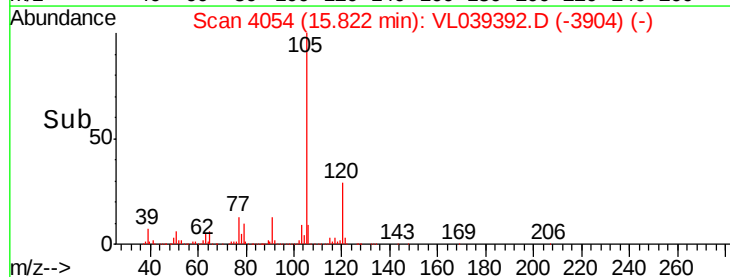
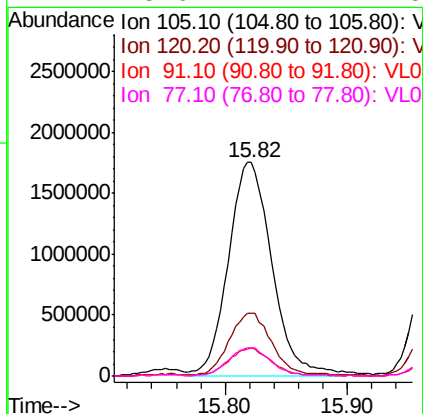
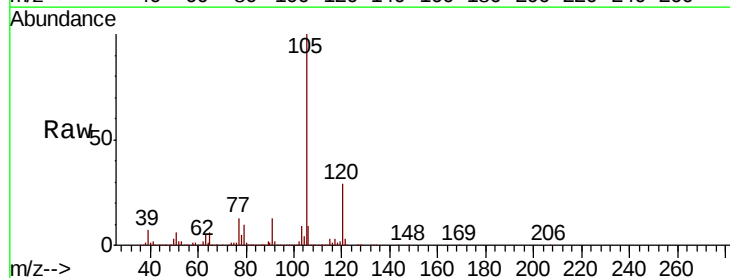
#71
 2-Chlorotoluene
 Concen: 8.192 ppbv
 RT: 15.43
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jun 2022 13:48

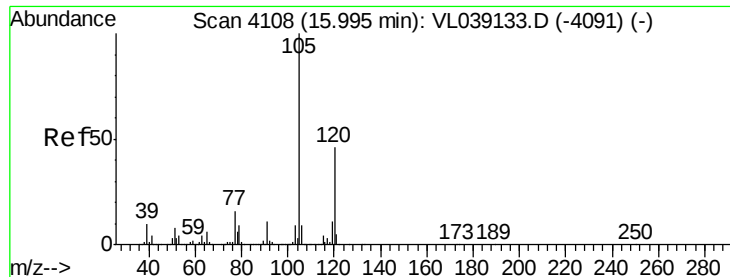
Tot Ion: 91 Resp: 3933841
 Ion Ratio Lower Upper
 91 100
 126 32.6 12.2 48.6



#72
 4-Ethyltoluene
 Concen: 8.720 ppbv
 RT: 15.82 min Scan# 4054
 Delta R.T. -0.02 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

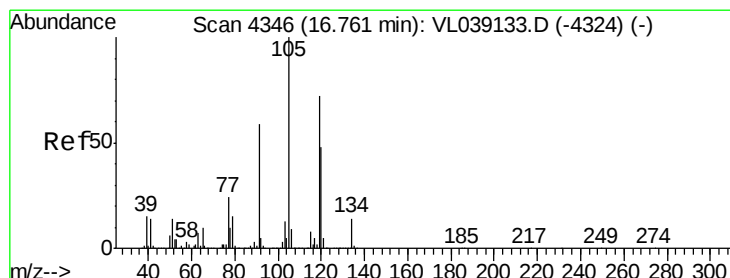
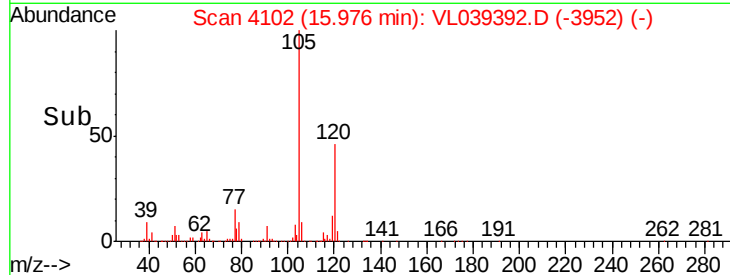
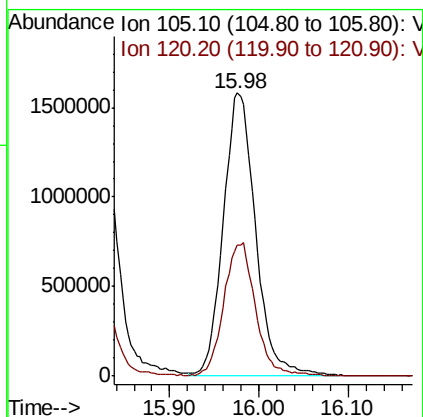
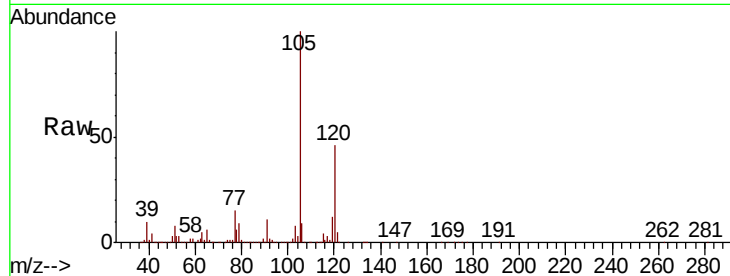
Tgt Ion:105 Resp: 4329719
 Ion Ratio Lower Upper
 105 100
 120 29.5 23.9 35.9
 91 12.2 10.6 16.0
 77 13.6 11.7 17.5





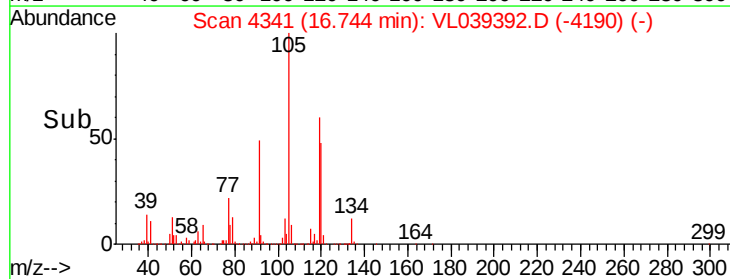
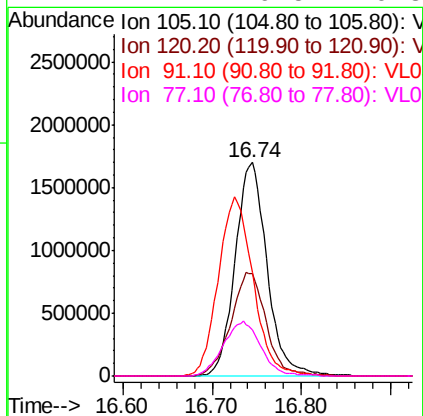
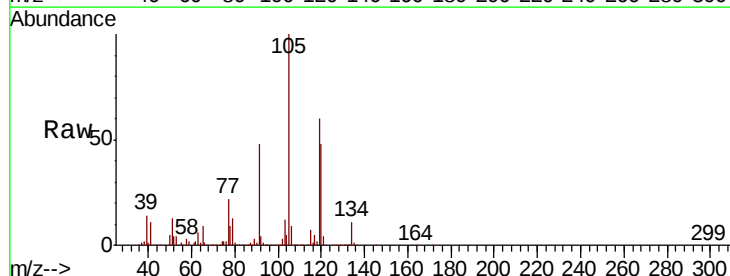
#73
 1,3,5-Trimethylbenzene
 Concen: 8.795 ppbv
 RT: 15.98 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 28 Jun 2022 13:48

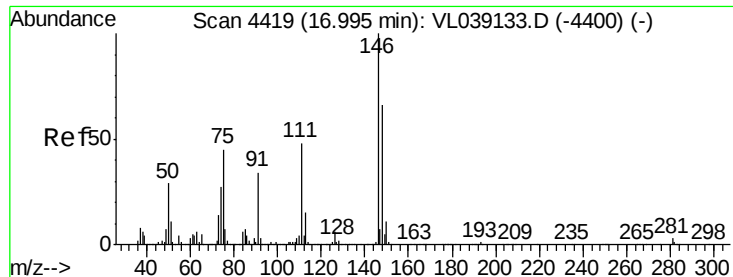
Tot Ion:105 Resp: 3939015
 Ion Ratio Lower Upper
 105 100
 120 46.4 36.7 55.1



#74
 1,2,4-Trimethylbenzene
 Concen: 8.426 ppbv
 RT: 16.74 min Scan# 4341
 Delta R.T. -0.02 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

Tgt Ion:105 Resp: 4211363
 Ion Ratio Lower Upper
 105 100
 120 47.8 38.1 57.1
 91 48.3 47.4 71.0
 77 21.7 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 8.765 ppbv

RT: 16.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Jun 2022 13:48

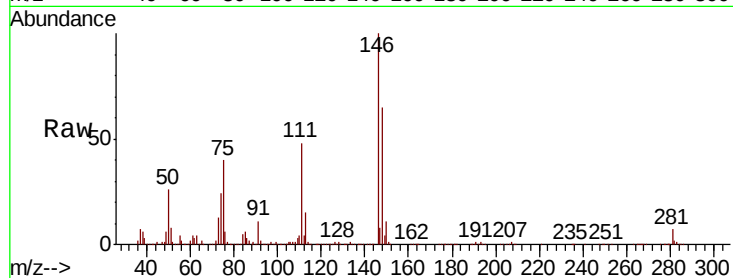
Tot Ion:146 Resp: 2479514

Ion Ratio Lower Upper

146 100

111 46.2 23.8 71.4

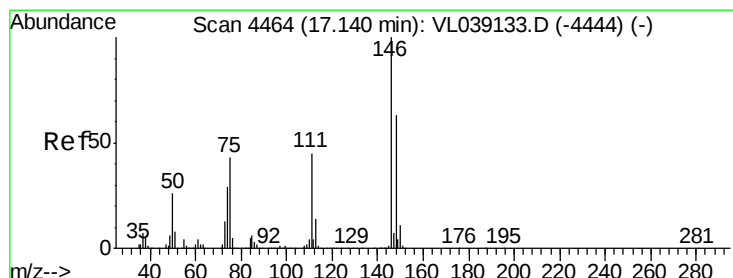
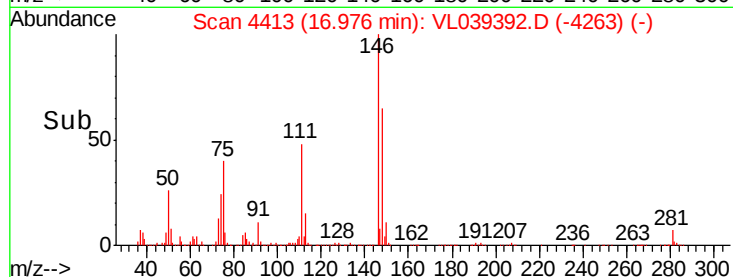
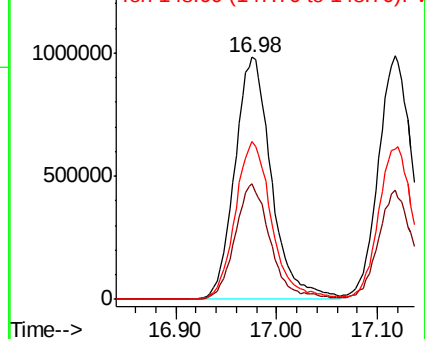
148 65.2 32.4 97.0



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: 8.743 ppbv

RT: 17.12 min Scan# 4457

Delta R.T. -0.02 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

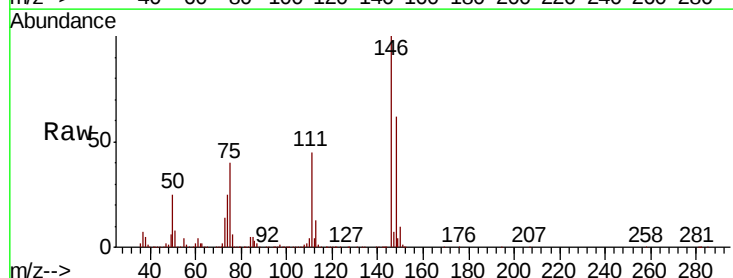
Tgt Ion:146 Resp: 2467721

Ion Ratio Lower Upper

146 100

111 45.0 23.6 71.0

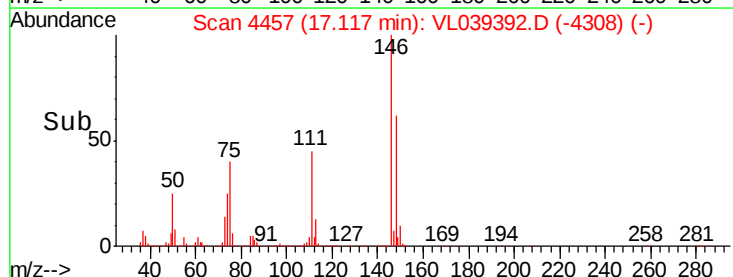
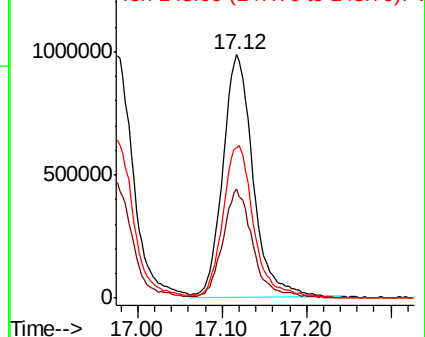
148 63.7 33.7 101.0

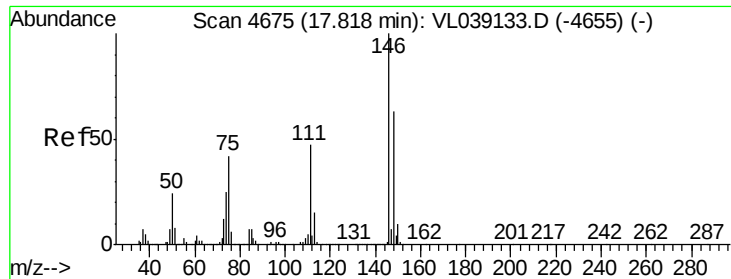


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V

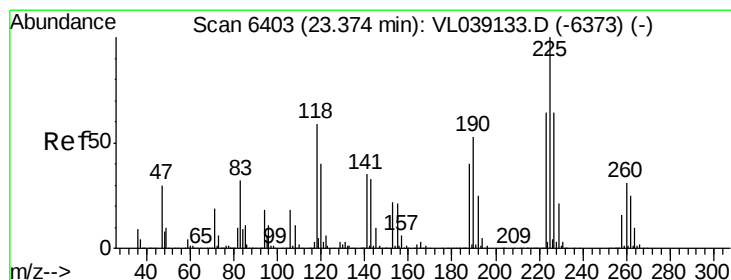
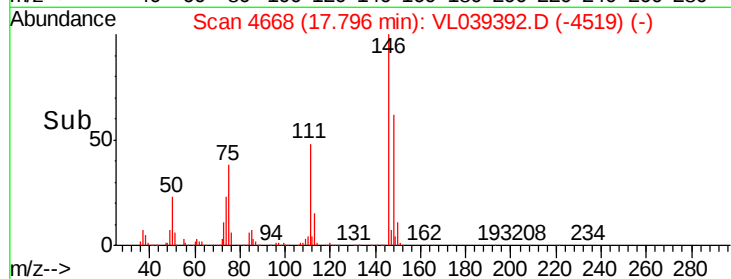
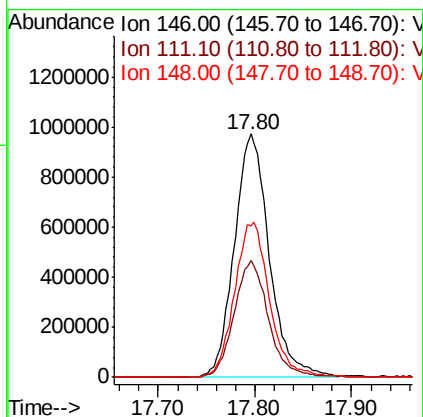
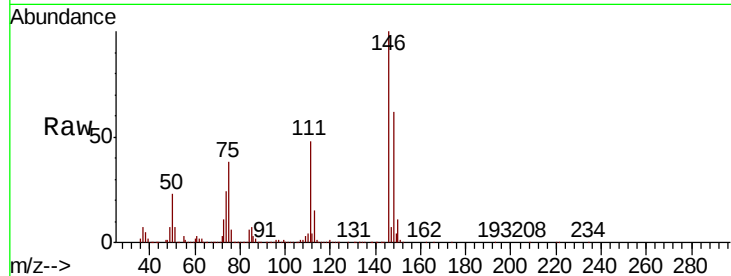




#77
 1,2-Dichlorobenzene
 Concen: 8.517 ppbv
 RT: 17.80 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 28 Jun 2022 13:48

Tot Ion:146 Resp: 2428164

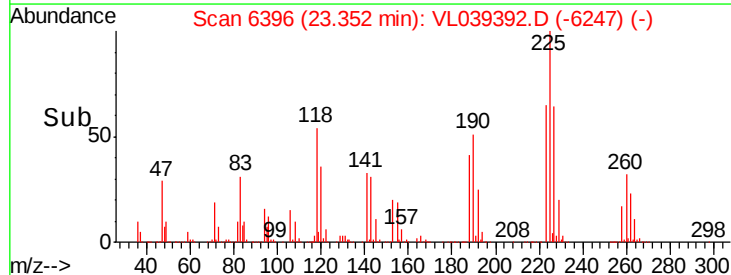
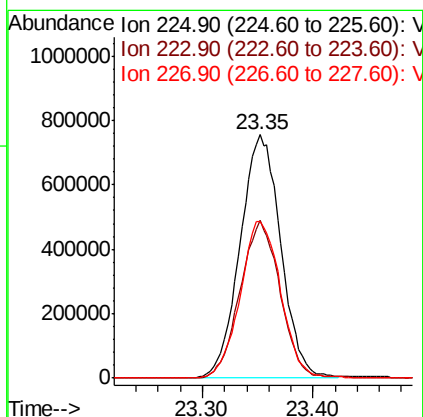
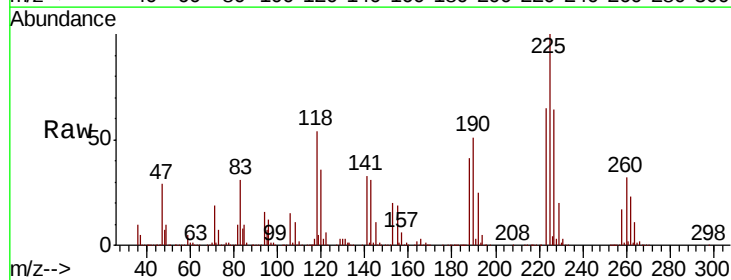
Ion	Ratio	Lower	Upper
146	100		
111	47.5	24.4	73.4
148	64.3	32.1	96.5

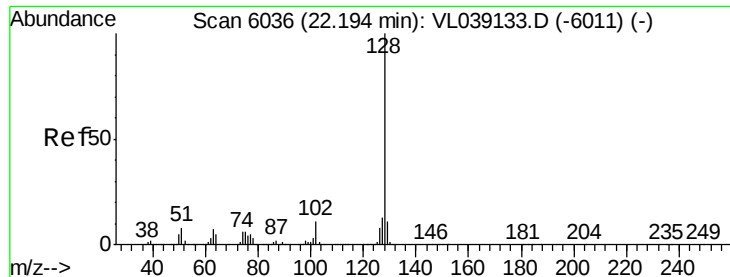


#78
 Hexachloro-1,3-Butadiene
 Concen: 7.387 ppbv
 RT: 23.35 min Scan# 6396
 Delta R.T. -0.02 min
 Lab File: VL039392.D
 Acq: 28 Jun 2022 13:48

Tgt Ion:225 Resp: 1925840

Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.4	77.0
227	64.5	50.6	75.8





#79

Naphthalene

Concen: 9.379 ppbv

RT: 22.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Jun 2022 13:48 VSTDCCC010EC

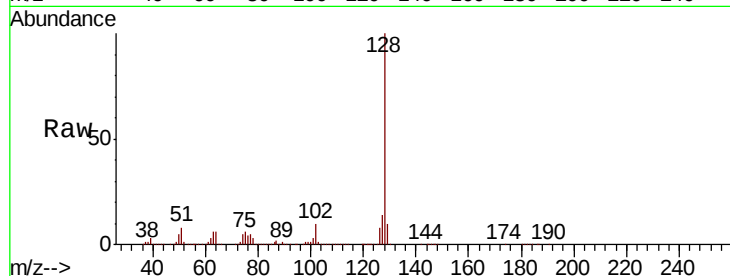
Tot Ion:128 Resp: 3608455

Ion Ratio Lower Upper

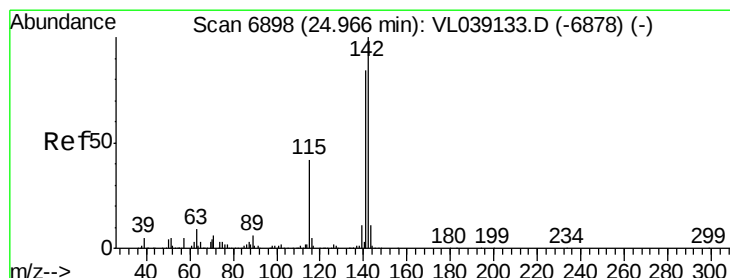
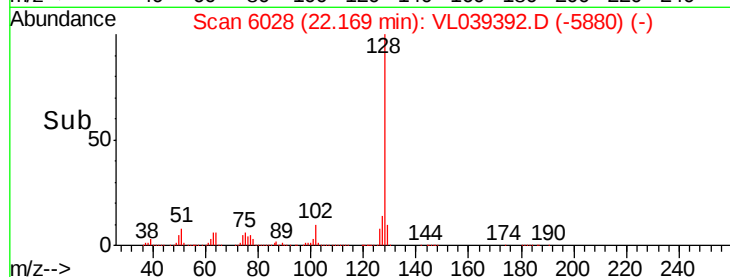
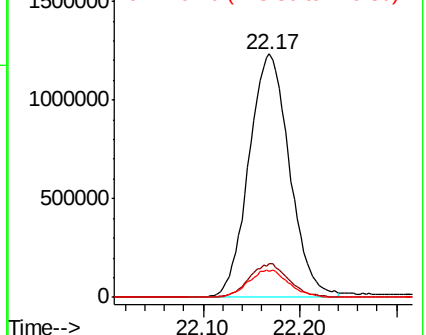
128 100

127 14.0 10.4 15.6

129 10.5 9.0 13.6



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 7.138 ppbv

RT: 24.95 min Scan# 6893

Delta R.T. -0.02 min

Lab File: VL039392.D

Acq: 28 Jun 2022 13:48

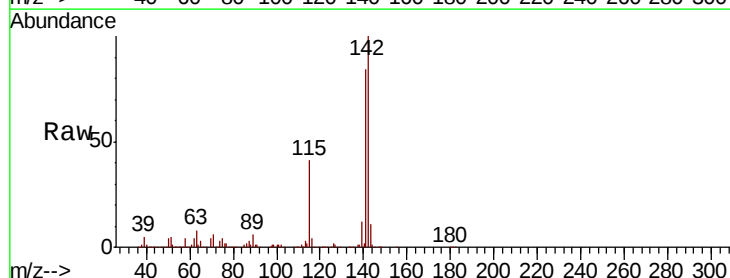
Tgt Ion:142 Resp: 1020378

Ion Ratio Lower Upper

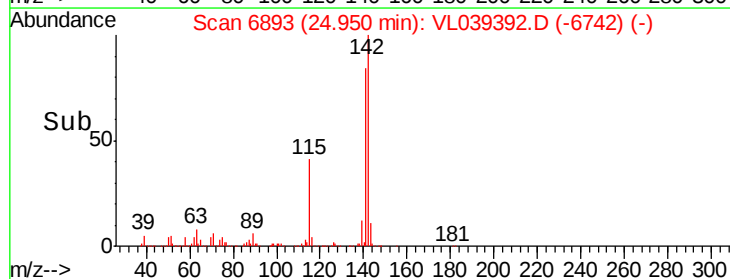
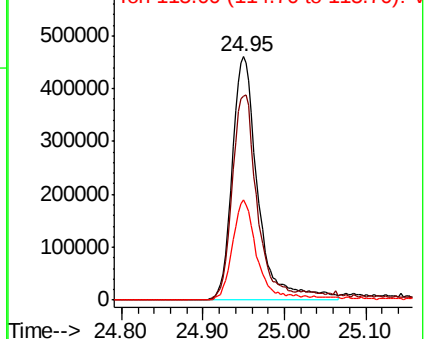
142 100

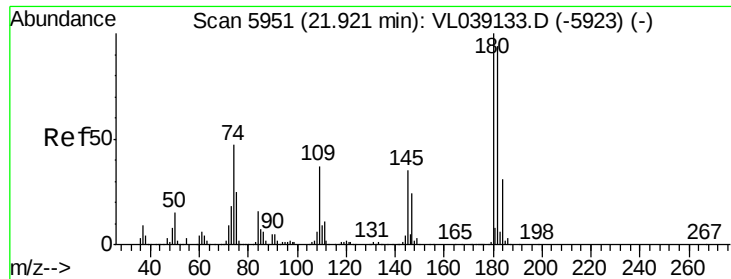
141 89.8 64.6 96.8

115 41.5 32.7 49.1



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 8.303 ppbv
 RT: 21.90
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jun 2022 15:48

Tot Ion:180 Resp: 2023687
 Ion Ratio Lower Upper
 180 100
 182 97.0 0.0 0.0#
 184 30.3 0.0 0.0#

