

Data File : VL037193.D
Acq On : 17 Jun 2021 7:23
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Jun 17 09:52:56 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1515910	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4448962	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	5180882	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3223115	8.21	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	82.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	2648643	10.046	ppbv	99
3) Chlorodifluoromethane	2.99	51	2720494	9.229	ppbv	99
4) Chloromethane	3.14	50	949063	9.661	ppbv	99
5) Vinyl Chloride	3.26	62	1019885	9.446	ppbv	100
6) Bromomethane	3.47	94	631829	9.809	ppbv	97
7) Chloroethane	3.56	64	369973	9.587	ppbv	98
8) Dichlorotetrafluoroethane	3.19	85	2526151	9.340	ppbv	100
9) Propene	3.01	41	891005	9.454	ppbv	100
10) Heptane	8.12	43	2256724	9.887	ppbv	100
11) Trichlorofluoromethane	3.95	101	2627711	9.341	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1902473	9.594	ppbv	100
13) Ethanol	3.61	45	58360	4.003	ppbv	93
14) Bromoethene	3.74	108	818868	9.894	ppbv	99
15) Acetone	3.85	43	1364881	7.984	ppbv	98
16) 1,3-Butadiene	3.33	39	978649	9.684	ppbv	98
17) tert-Butyl alcohol	4.29	59	1664832	10.537	ppbv	99
18) 1,1-Dichloroethene	4.29	96	836035	9.514	ppbv	98
19) Isopropyl Alcohol	3.97	45	1021305	9.864	ppbv	99
20) Methylene Chloride	4.34	84	746637	7.296	ppbv	95
21) Allyl Chloride	4.41	41	1206698	9.365	ppbv	95
22) trans-1,2-Dichloroethene	4.88	96	854116	9.823	ppbv	99
23) Vinyl Acetate	5.07	43	2504085	10.216	ppbv	99
24) 1,1-Dichloroethane	5.01	63	1950077	9.881	ppbv	100
25) Ethyl Acetate	5.68	43	3554242	9.604	ppbv	99
26) Hexane	5.69	57	1713851	9.163	ppbv	99
27) Carbon Disulfide	4.55	76	1944519	10.611	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	2227958	9.908	ppbv	99
29) Chloroform	5.75	83	2733249	9.460	ppbv	97
30) Cyclohexane	7.13	84	1479018	9.490	ppbv	100
31) cis-1,2-Dichloroethene	5.55	61	1721195	10.014	ppbv	99
32) 1,1,1-Trichloroethane	6.51	97	2827782	9.146	ppbv	100
34) 2-Butanone	5.25	43	1697794	9.812	ppbv	98
35) Carbon Tetrachloride	7.02	117	2976844	9.976	ppbv	98
36) Benzene	6.89	78	3535431	9.827	ppbv	100
37) 1,2-Dichloroethane	6.31	62	2070455	9.907	ppbv	100
38) Trichloroethene	7.84	130	1502712	8.787	ppbv	97
39) 1,2-Dichloropropane	7.61	63	1342491	10.042	ppbv	98
40) 1,4-Dioxane	7.83	88	366285	9.992	ppbv	93
41) Tetrahydrofuran	6.05	42	840192	10.454	ppbv	99
42) Bromodichloromethane	7.79	83	2899359	10.056	ppbv	100
43) Methyl Methacrylate	8.01	69	1306414	10.515	ppbv	99

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5817093	9.602	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	1314545	11.992	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1672574	11.154	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	1479126	9.698	ppbv	97
48) Dibromochloromethane	10.30	129	2619605	10.881	ppbv	99
49) Bromoform	13.04	173	2133228	11.893	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2491228	10.482	ppbv	100
51) 2-Hexanone	10.14	43	1294828	11.198	ppbv #	99
52) Tetrachloroethene	11.22	164	1465585	8.767	ppbv	98
53) Toluene	9.81	91	4248525	9.886	ppbv	100
54) 1,2-Dibromoethane	10.61	107	2267084	10.343	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.13	131	1810635	7.993	ppbv	97
57) Chlorobenzene	12.15	112	3226233	7.678	ppbv	95
58) Ethyl Benzene	12.71	91	5613234	7.870	ppbv	99
59) m/p-Xylene	13.00	91	4822463	7.979	ppbv #	34
60) o-Xylene	13.69	91	4504778	7.827	ppbv	99
61) Styrene	13.53	104	2591595	8.725	ppbv	98
62) Isopropylbenzene	14.67	105	6243855	7.630	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	3023599	7.890	ppbv	99
64) n-propylbenzene	15.56	120	1699609	8.293	ppbv	98
65) tert-Butylbenzene	16.74	119	5709837	7.867	ppbv	100
66) Benzyl Chloride	16.99	91	273579	8.895	ppbv	99
67) sec-Butylbenzene	17.29	105	7600088	7.852	ppbv	100
69) p-Isopropyltoluene	17.65	119	6628802	8.108	ppbv	100
70) n-Butylbenzene	18.55	91	6300524	8.327	ppbv	100
71) 2-Chlorotoluene	15.45	91	4590100	8.022	ppbv	100
72) 4-Ethyltoluene	15.84	105	5482571	8.386	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	4925297	7.793	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	5219224	8.015	ppbv	95
75) 1,3-Dichlorobenzene	17.00	146	3234744	8.170	ppbv	100
76) 1,4-Dichlorobenzene	17.14	146	3130592	7.916	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	3093773	8.078	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	2038127	6.189	ppbv	99
79) Naphthalene	22.19	128	4098053	7.548	ppbv	99
80) Naphthalene,2-methyl-	24.98	142	1183604	8.312	ppbv	95
81) 1,2,4-Trichlorobenzene	21.93	180	2271985	7.252	ppbv	98

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

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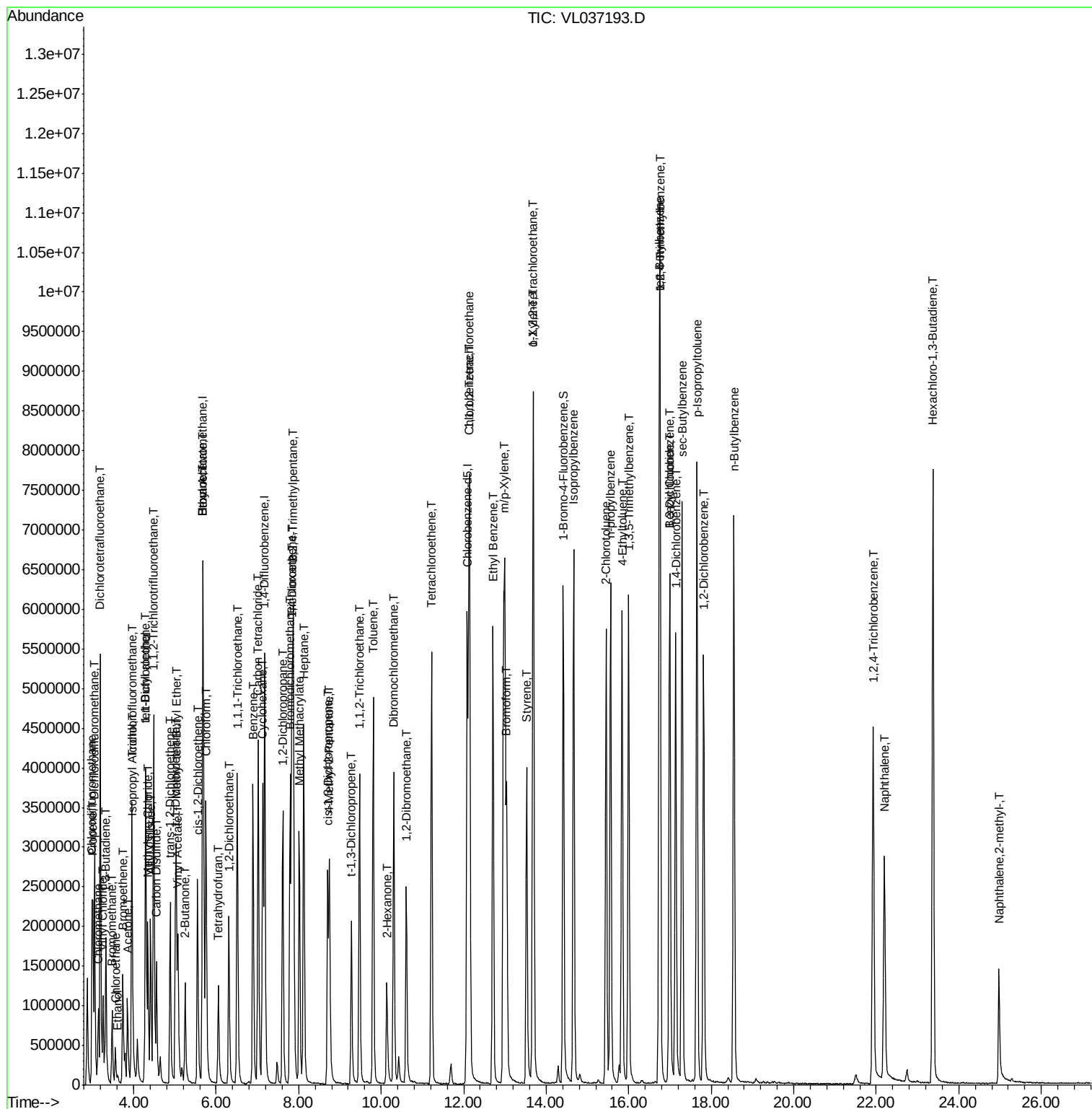
Quant Time: Jun 17 09:52:56 2021

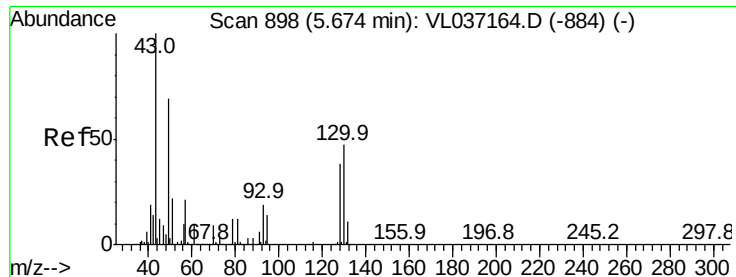
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_L\METHODS\VL061621AIR.M

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

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ClientSampleId :

VSTDCCC010EC

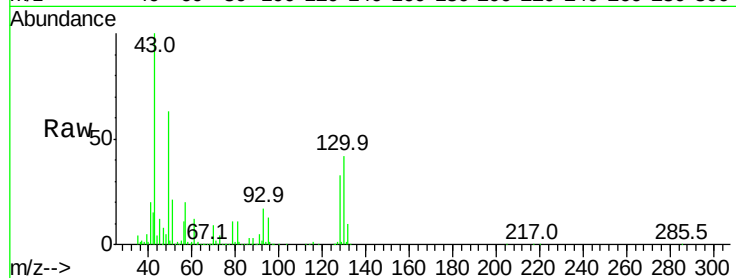
Tgt Ion: 49 Resp: 1515910

Ion Ratio Lower Upper

49 100

128 56.8 29.3 88.0

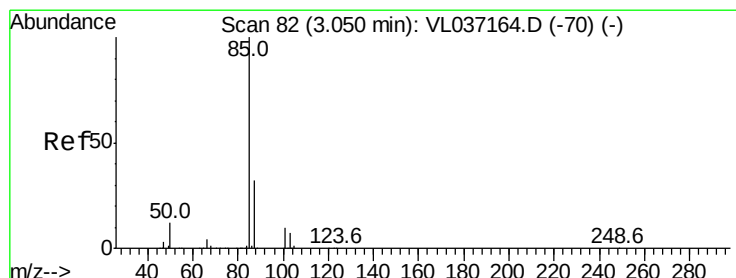
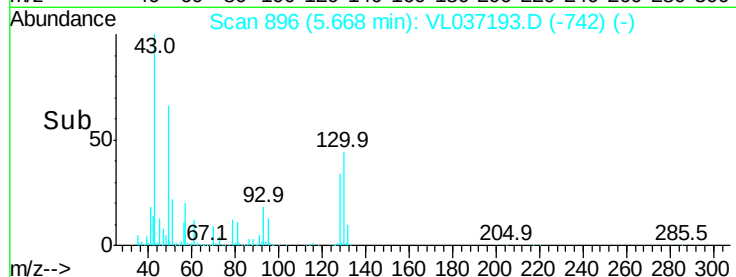
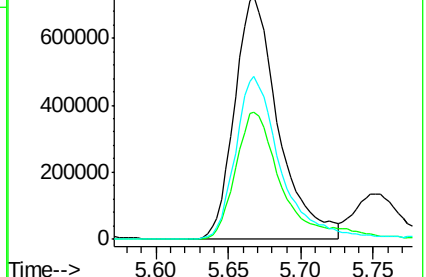
130 70.8 35.9 107.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 10.046 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL037193.D

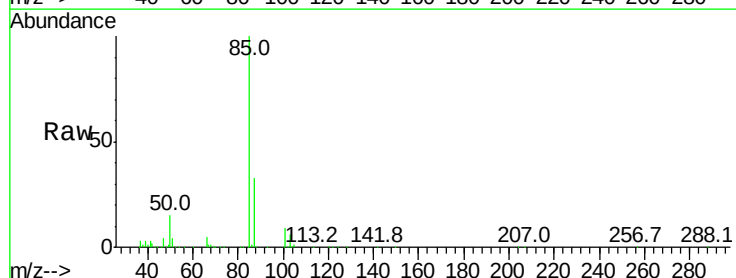
Acq: 17 Jun 2021 7:23

Tgt Ion: 85 Resp: 2648643

Ion Ratio Lower Upper

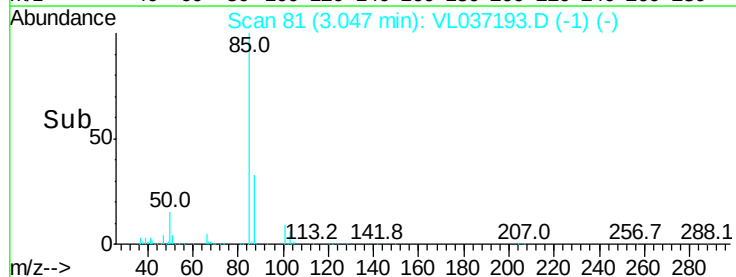
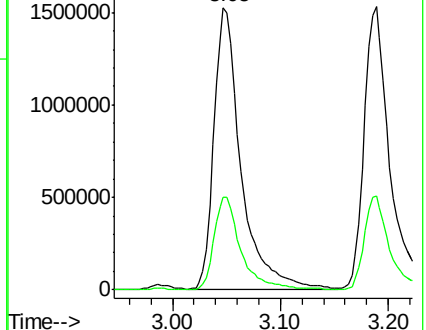
85 100

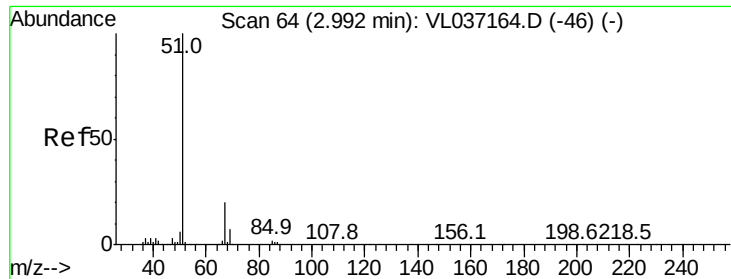
87 32.8 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.229 ppbv

RT: 2.99 min Scan# 63

Delta R.T. -0.00 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Instrument :

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ClientSampleId :

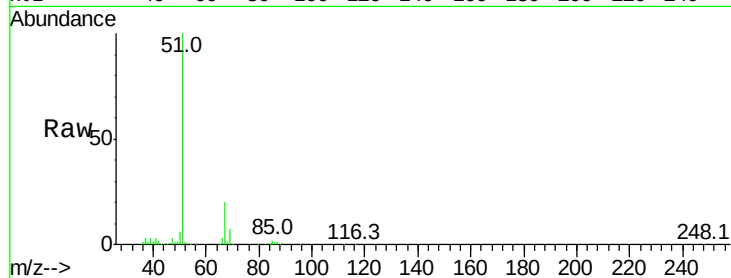
VSTDCCC010EC

Tgt Ion: 51 Resp: 2720494

Ion Ratio Lower Upper

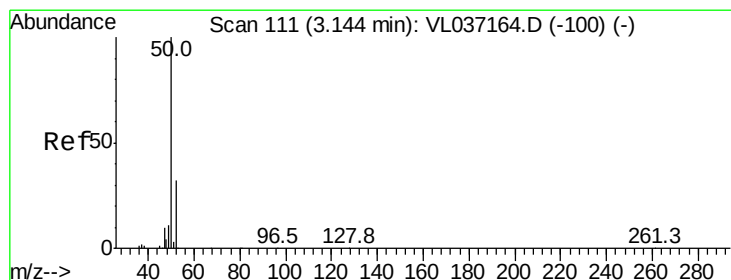
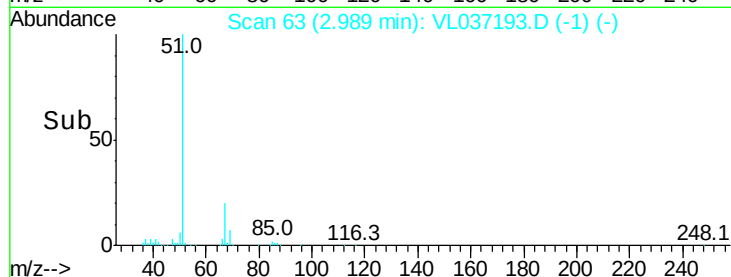
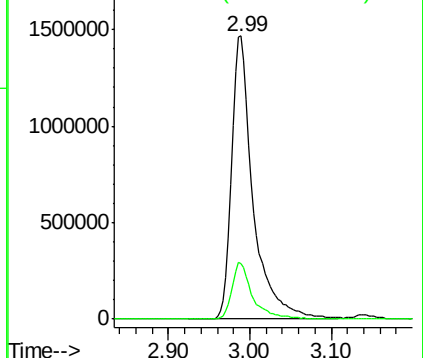
51 100

67 19.4 15.8 23.6



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.661 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL037193.D

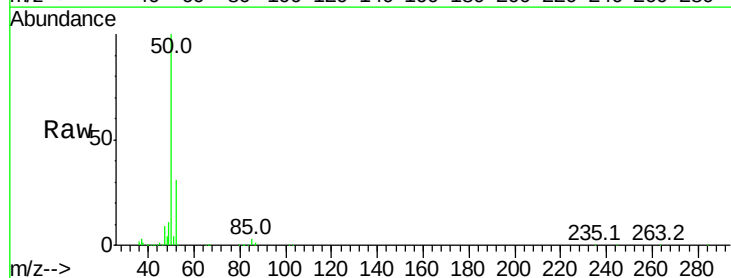
Acq: 17 Jun 2021 7:23

Tgt Ion: 50 Resp: 949063

Ion Ratio Lower Upper

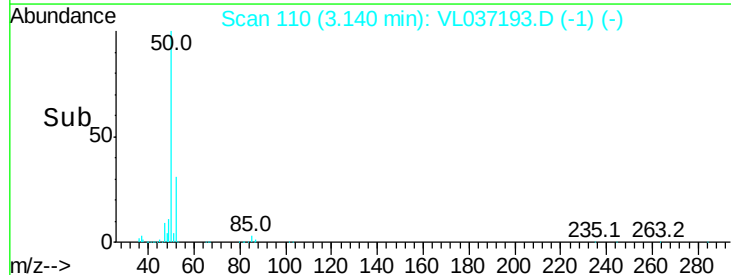
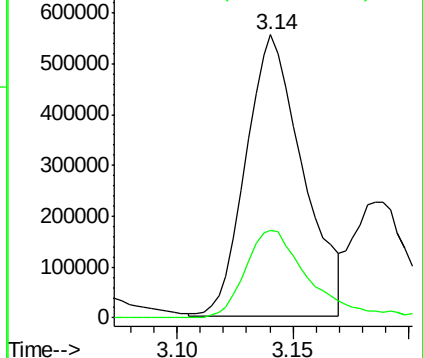
50 100

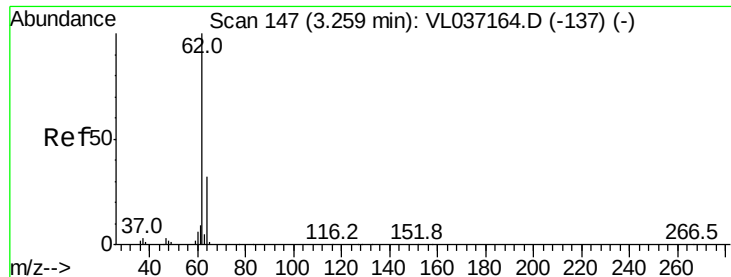
52 31.6 25.8 38.8



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.446 ppbv

RT: 3.26 min Scan# 146

Delta R.T. -0.00 min

Lab File: VL037193.D

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ClientSampleId :

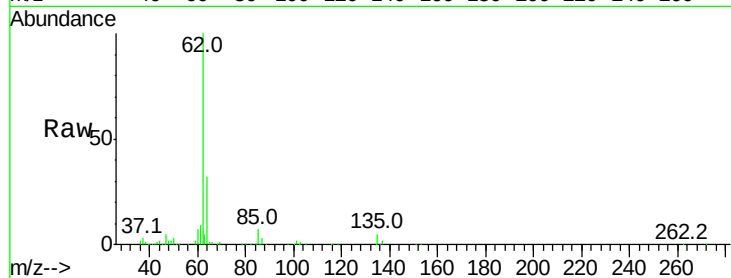
VSTDCCC010EC

Tgt Ion: 62 Resp: 1019885

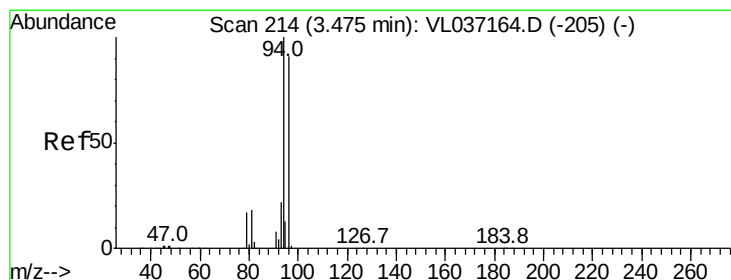
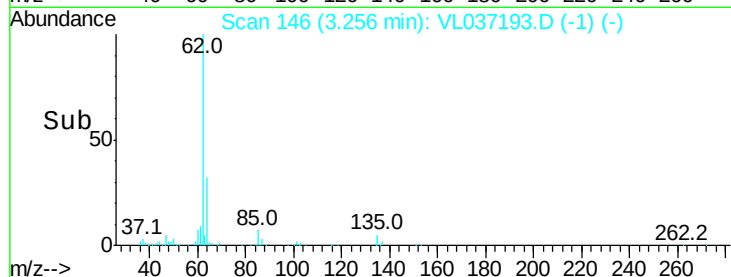
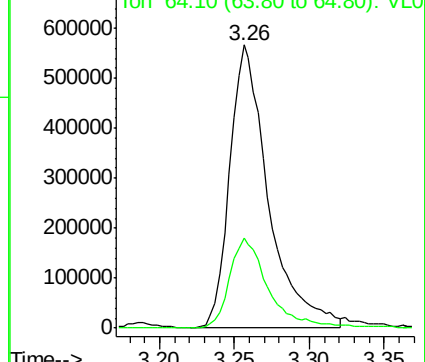
Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4



Abundance Ion 62.10 (61.80 to 62.80): VL0



#6

Bromomethane

Concen: 9.809 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.00 min

Lab File: VL037193.D

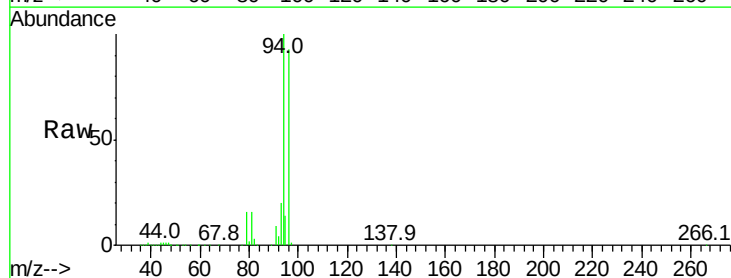
Acq: 17 Jun 2021 7:23

Tgt Ion: 94 Resp: 631829

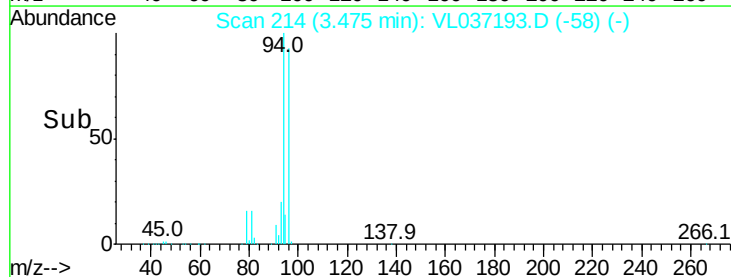
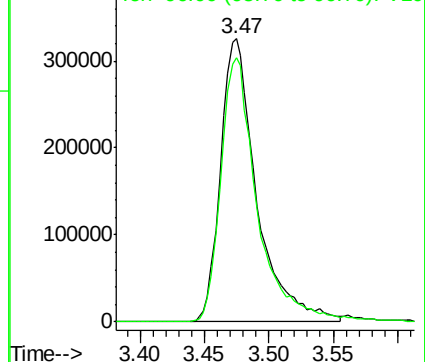
Ion Ratio Lower Upper

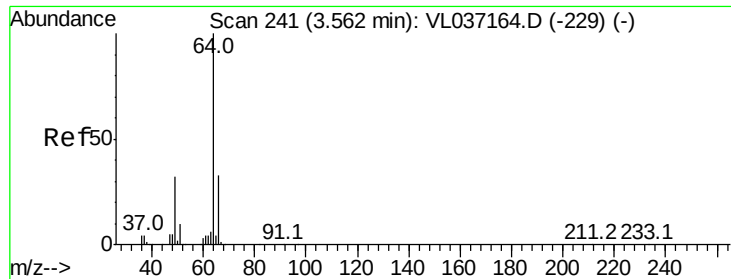
94 100

96 93.4 72.6 108.8



Abundance Ion 94.00 (93.70 to 94.70): VL0





#7

Chloroethane

Concen: 9.587 ppbv

RT: 3.56 min Scan# 240

Delta R.T. -0.00 min

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Acq: 17 Jun 2021 7:23

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ClientSampleId :

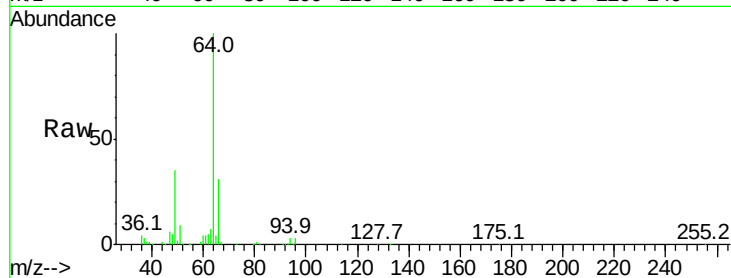
VSTDCCC010EC

Tgt Ion: 64 Resp: 369973

Ion Ratio Lower Upper

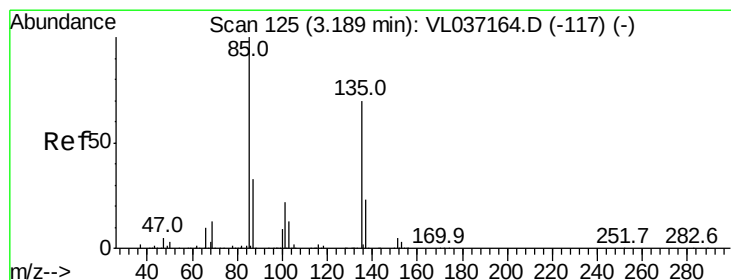
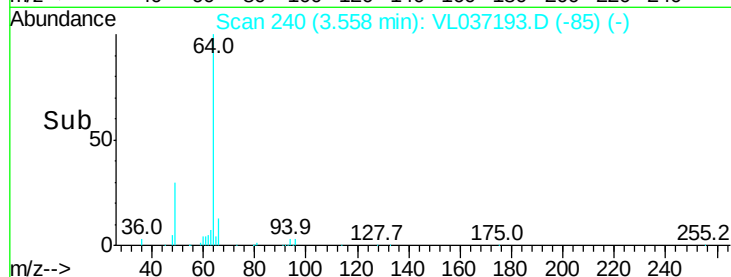
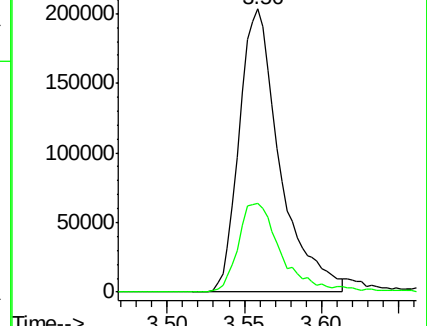
64 100

66 31.4 26.2 39.4



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 9.340 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL037193.D

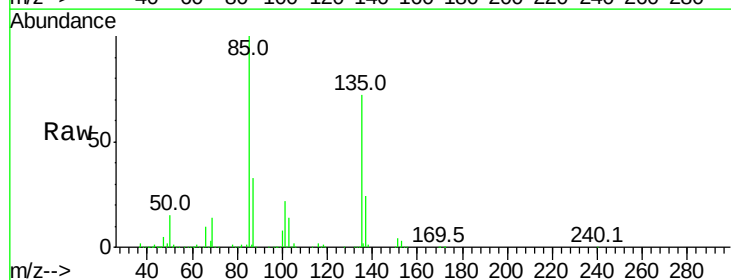
Acq: 17 Jun 2021 7:23

Tgt Ion: 85 Resp: 2526151

Ion Ratio Lower Upper

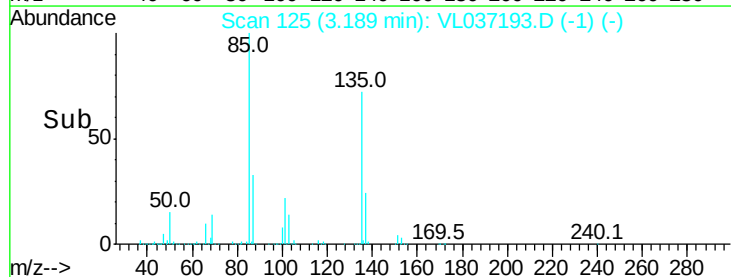
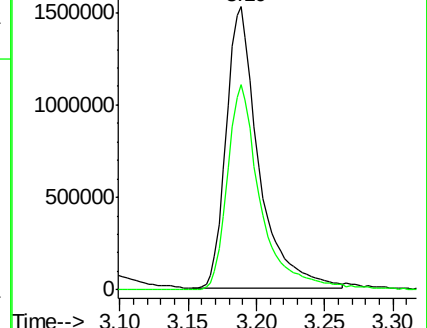
85 100

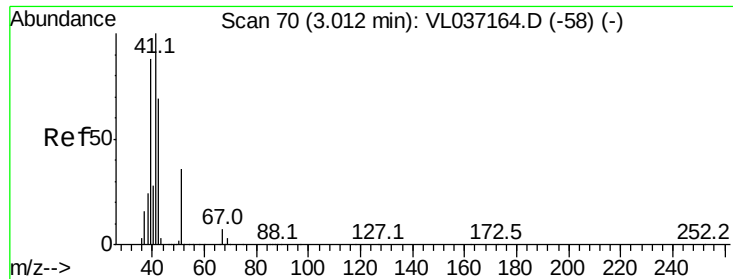
135 75.6 60.4 90.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V





#9

Propene

Concen: 9.454 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

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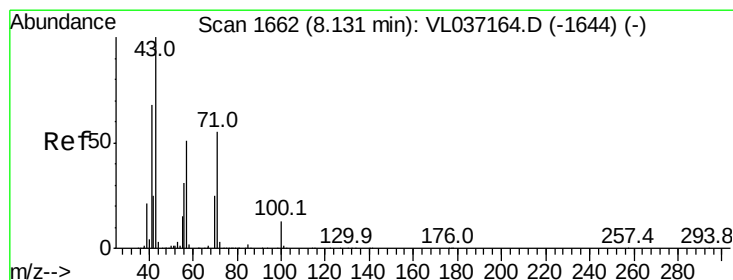
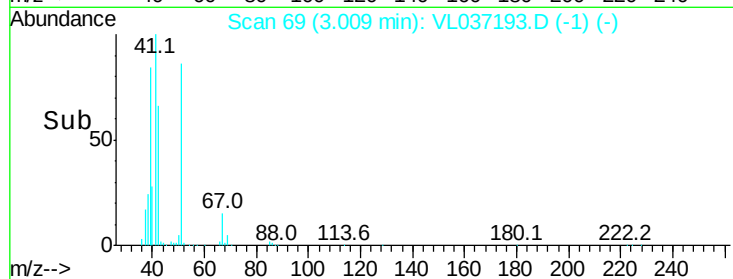
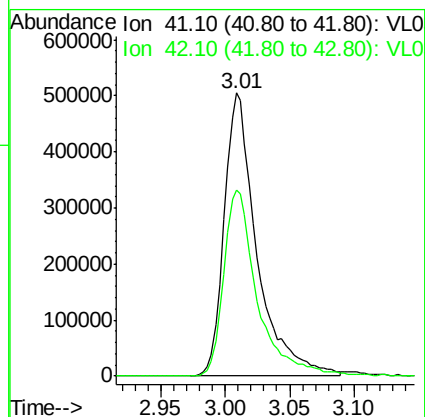
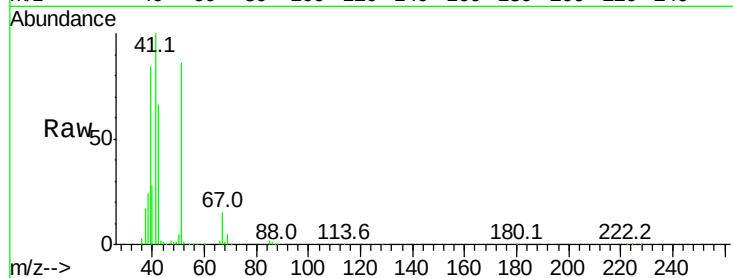
VSTDCCC010EC

Tgt Ion: 41 Resp: 891005

Ion Ratio Lower Upper

41 100

42 67.9 54.5 81.7



#10

Heptane

Concen: 9.887 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL037193.D

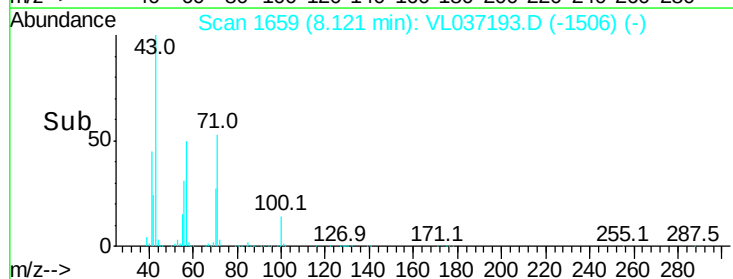
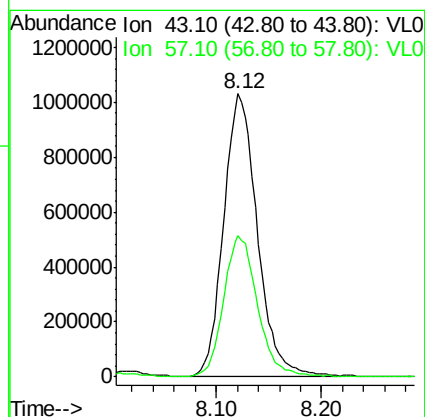
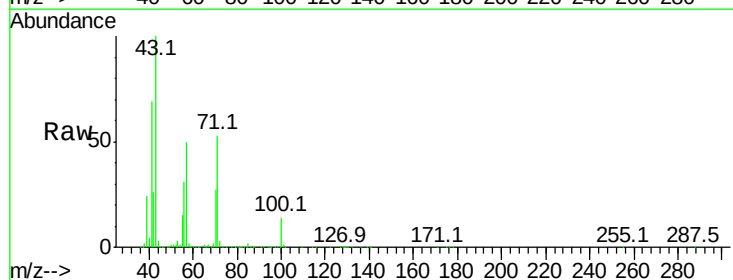
Acq: 17 Jun 2021 7:23

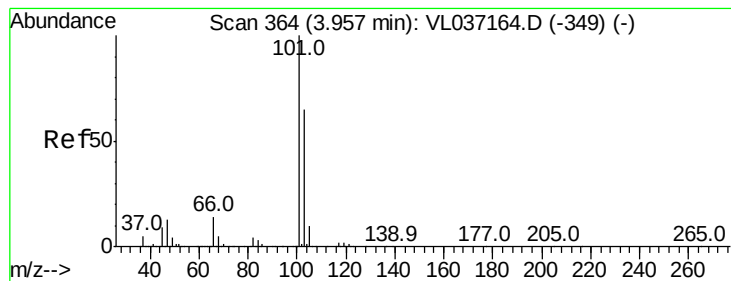
Tgt Ion: 43 Resp: 2256724

Ion Ratio Lower Upper

43 100

57 50.8 40.6 61.0





#11

Trichlorofluoromethane

Concen: 9.341 ppbv

RT: 3.95 min Scan# 362

Delta R.T. -0.01 min

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ClientSampleId :

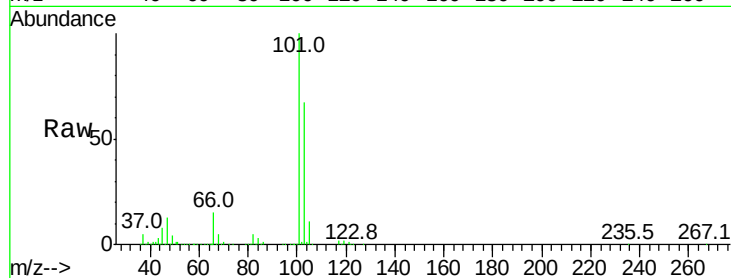
VSTDCCC010EC

Tgt Ion:101 Resp: 2627711

Ion Ratio Lower Upper

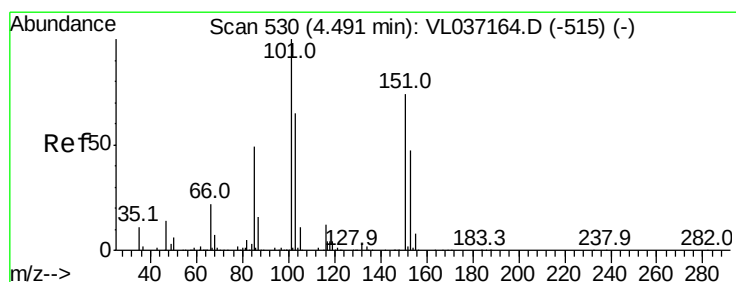
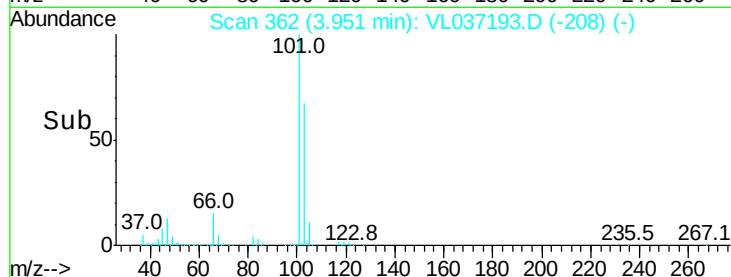
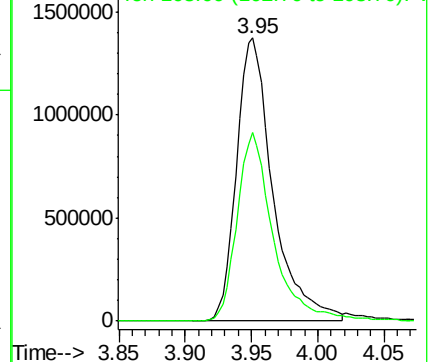
101 100

103 66.6 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.594 ppbv

RT: 4.48 min Scan# 528

Delta R.T. -0.01 min

Lab File: VL037193.D

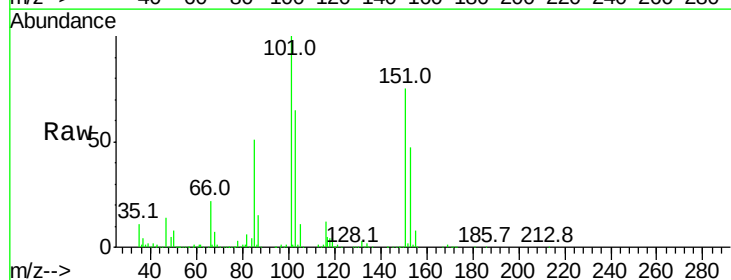
Acq: 17 Jun 2021 7:23

Tgt Ion:101 Resp: 1902473

Ion Ratio Lower Upper

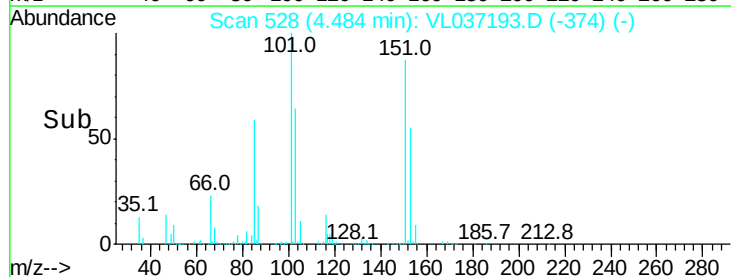
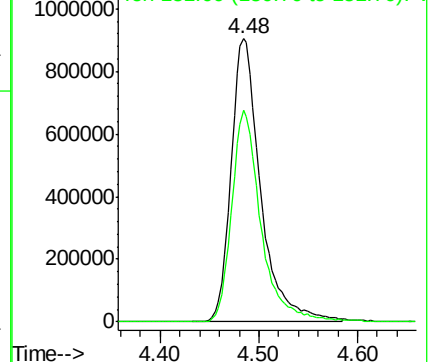
101 100

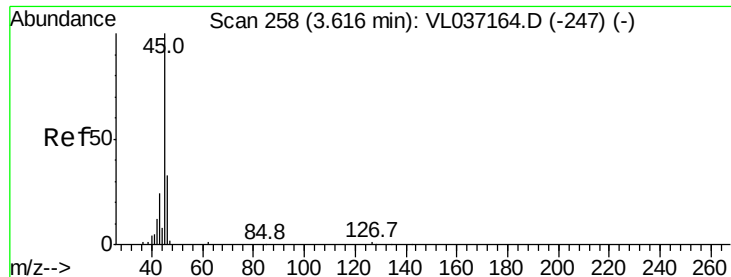
151 74.2 59.1 88.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 4.003 ppbv

RT: 3.61 min Scan# 257

Delta R.T. -0.00 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Instrument :

MSVOA_L

ClientSampleId :

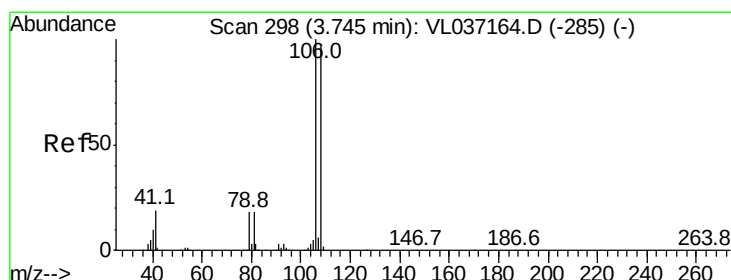
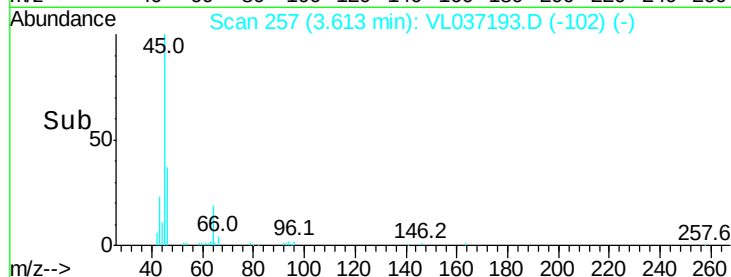
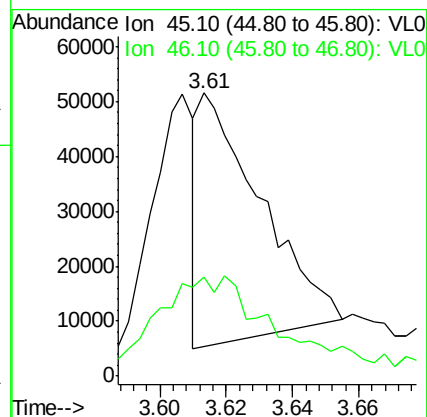
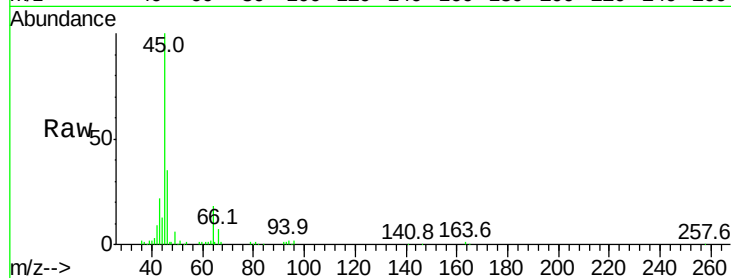
VSTDCCC010EC

Tgt Ion: 45 Resp: 58360

Ion Ratio Lower Upper

45 100

46 92.2 34.2 137.0



#14

Bromoethene

Concen: 9.894 ppbv

RT: 3.74 min Scan# 296

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

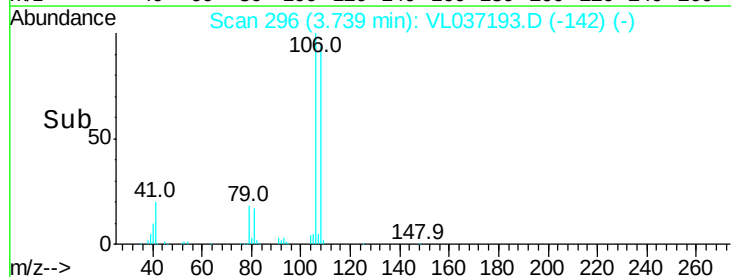
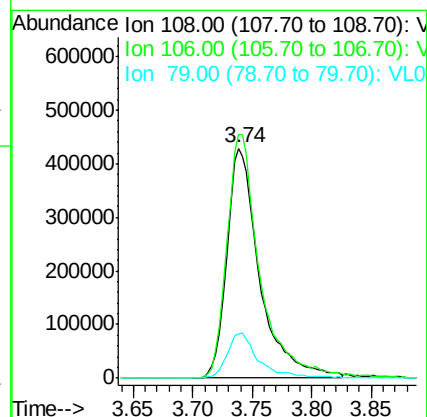
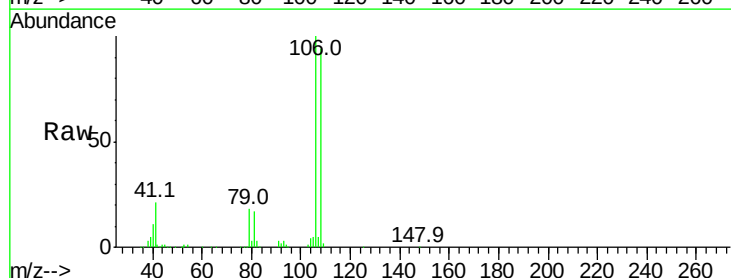
Tgt Ion: 108 Resp: 818868

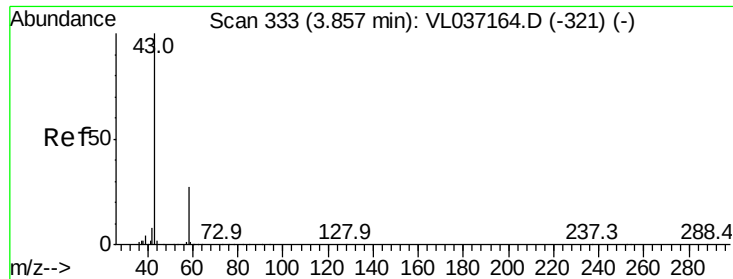
Ion Ratio Lower Upper

108 100

106 108.0 86.8 130.2

79 19.2 15.6 23.4





#15

Acetone

Concen: 7.984 ppbv

RT: 3.85 min Scan# 331

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Instrument :

MSVOA_L

ClientSampleId :

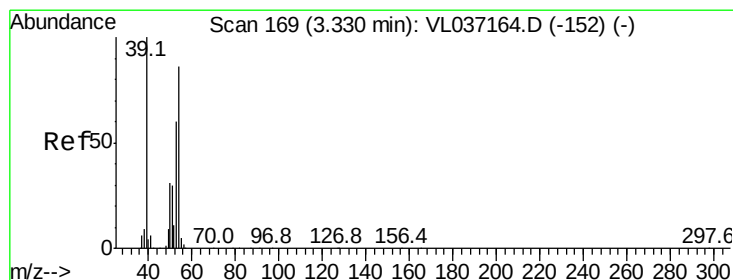
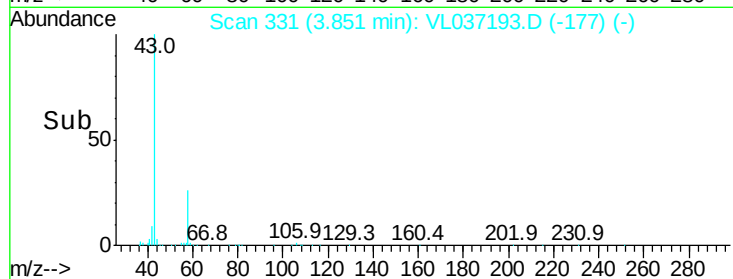
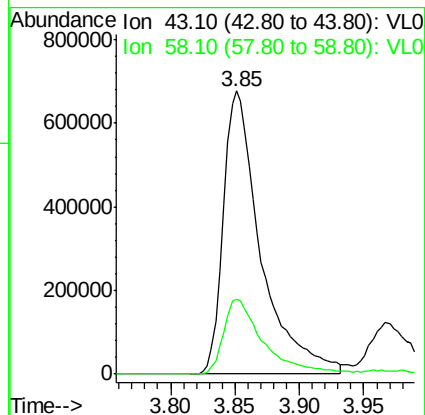
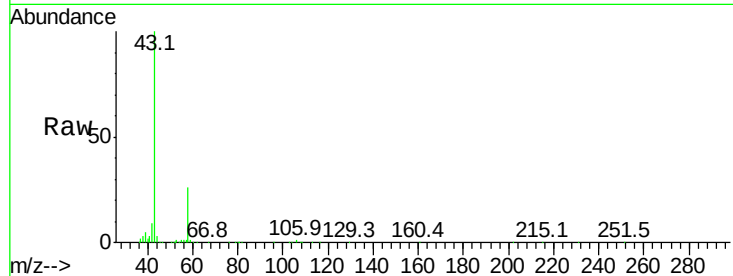
VSTDCCC010EC

Tgt Ion: 43 Resp: 1364881

Ion Ratio Lower Upper

43 100

58 28.3 23.7 35.5



#16

1,3-Butadiene

Concen: 9.684 ppbv

RT: 3.33 min Scan# 168

Delta R.T. -0.00 min

Lab File: VL037193.D

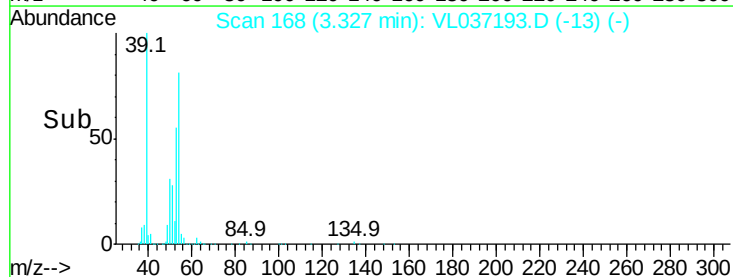
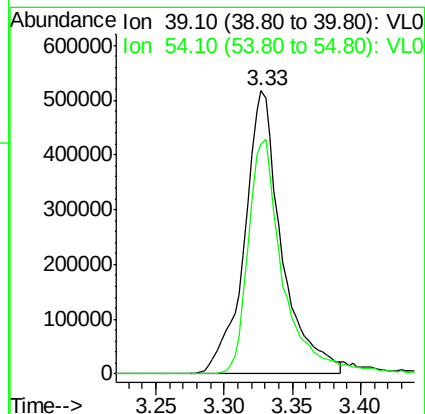
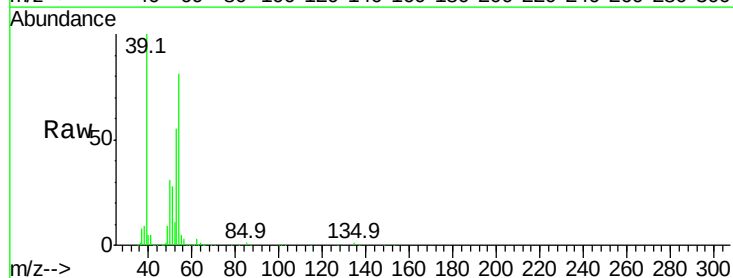
Acq: 17 Jun 2021 7:23

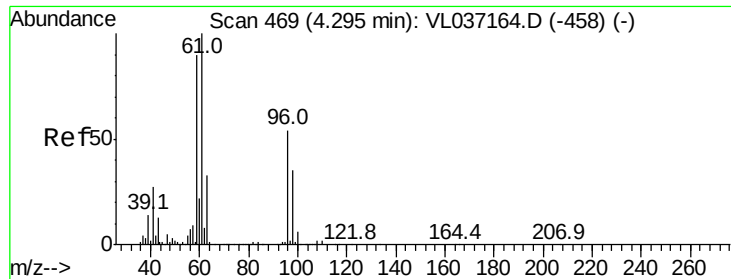
Tgt Ion: 39 Resp: 978649

Ion Ratio Lower Upper

39 100

54 78.5 61.2 91.8



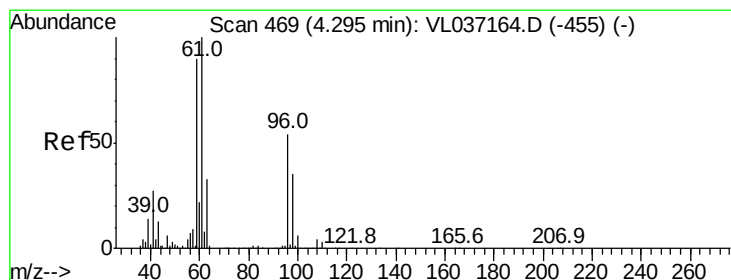
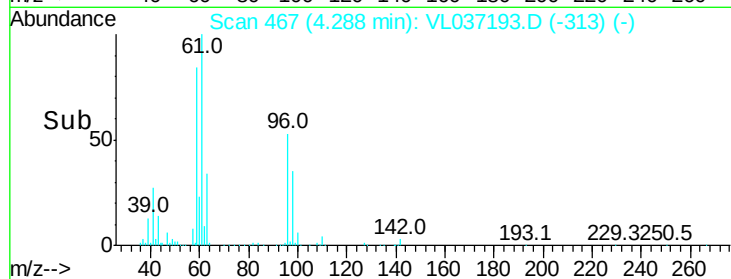
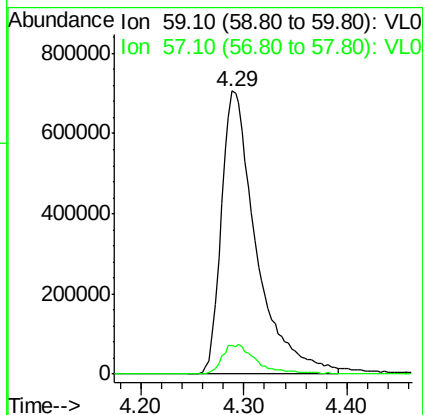
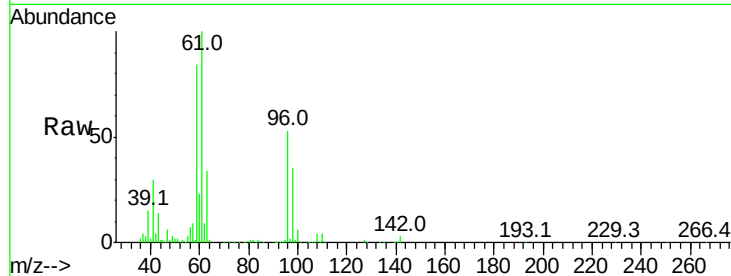


#17

tert-Butyl alcohol
 Concen: 10.537 ppbv
 RT: 4.29 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

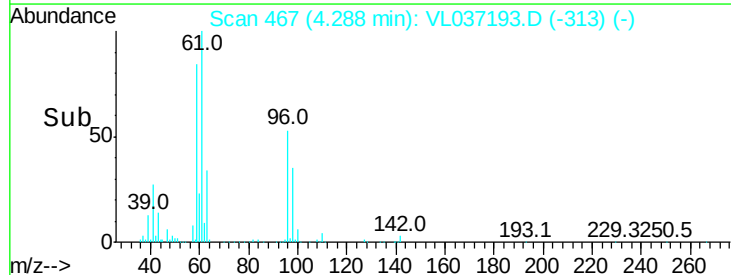
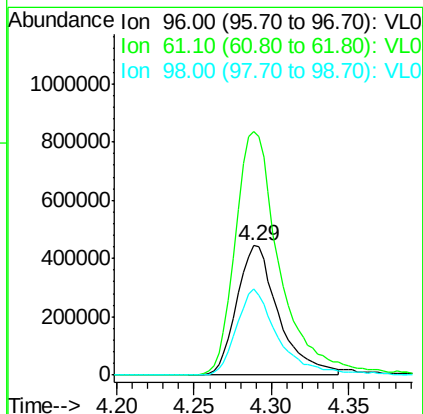
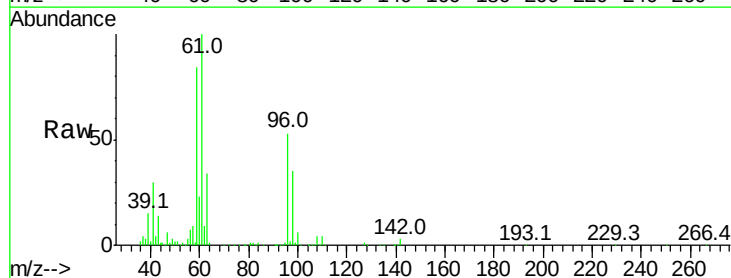
Tgt Ion: 59 Resp: 1664832
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.8 13.2

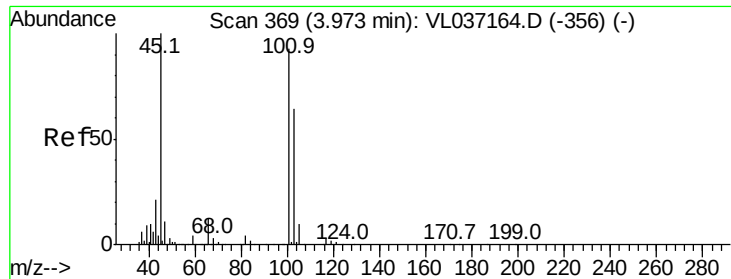


#18

1,1-Dichloroethene
 Concen: 9.514 ppbv
 RT: 4.29 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Tgt Ion: 96 Resp: 836035
 Ion Ratio Lower Upper
 96 100
 61 188.1 148.6 222.8
 98 66.1 51.9 77.9





#19

Isopropyl Alcohol

Concen: 9.864 ppbv

RT: 3.97 min Scan# 368

Delta R.T. -0.00 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Instrument :

MSVOA_L

ClientSampleId :

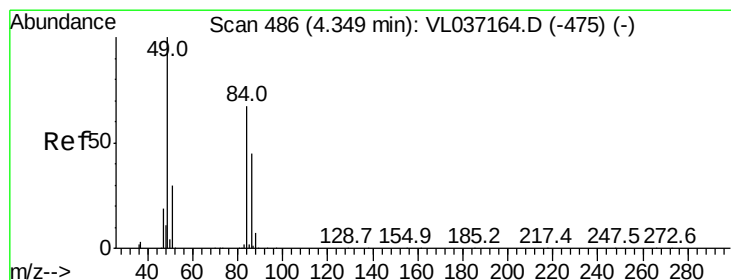
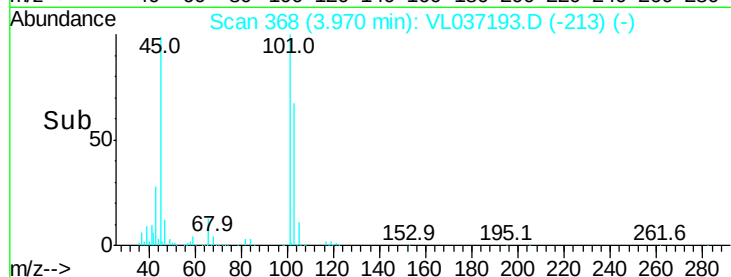
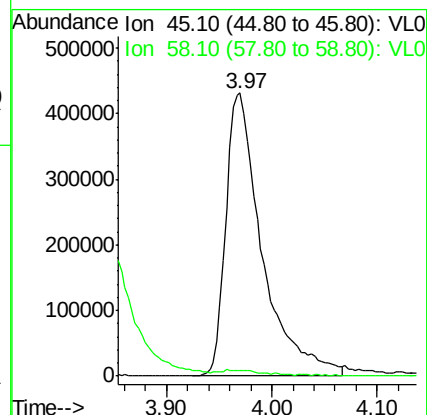
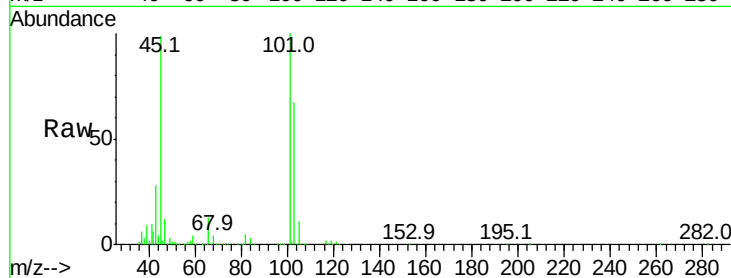
VSTDCCC010EC

Tgt Ion: 45 Resp: 1021305

Ion Ratio Lower Upper

45 100

58 2.6 2.4 3.6



#20

Methylene Chloride

Concen: 7.296 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Tgt Ion: 84 Resp: 746637

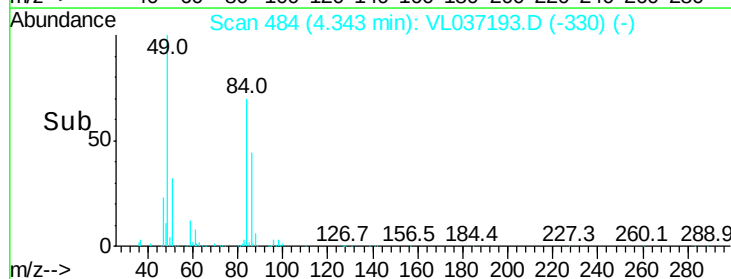
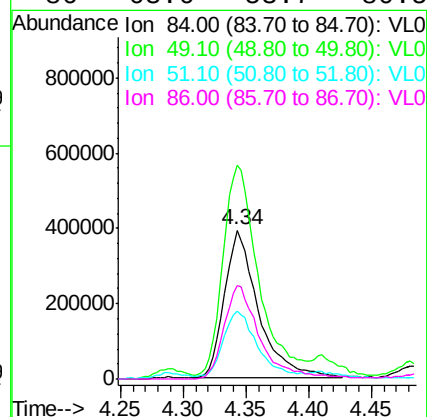
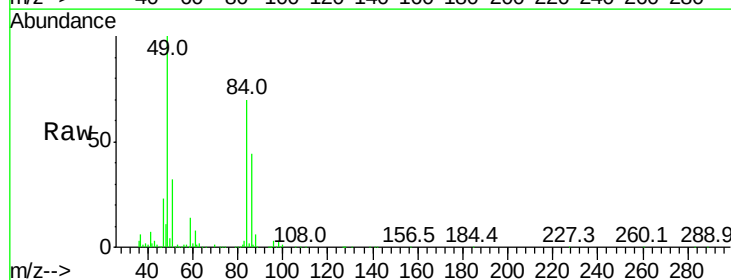
Ion Ratio Lower Upper

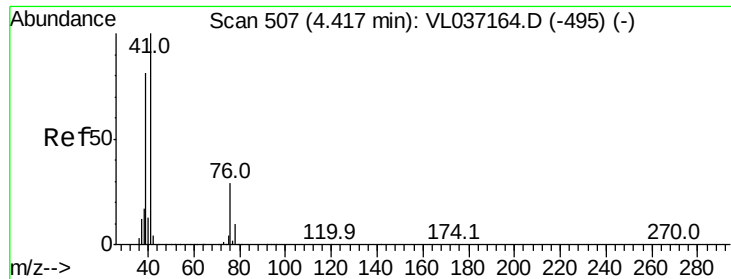
84 100

49 141.9 119.7 179.5

51 44.2 36.1 54.1

86 63.6 53.7 80.5

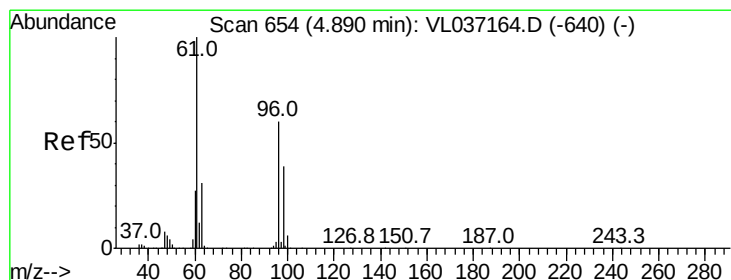
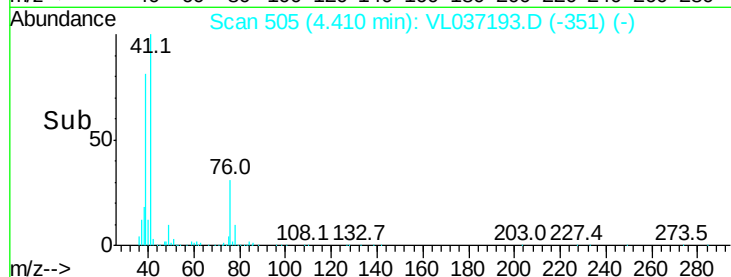
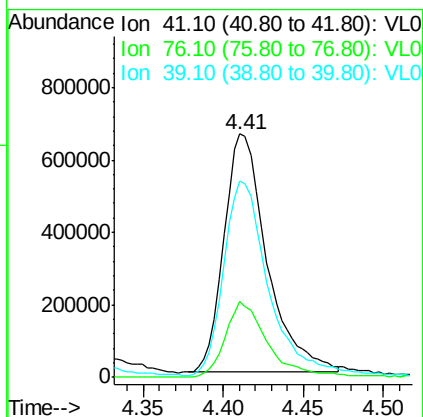
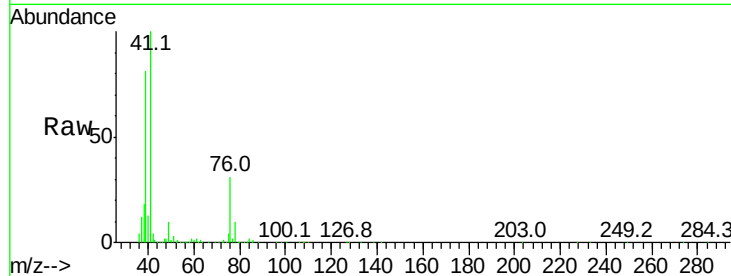




#21
 Allyl Chloride
 Concen: 9.365 ppbv
 RT: 4.41 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

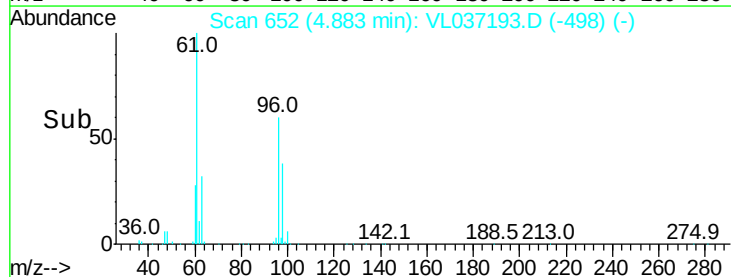
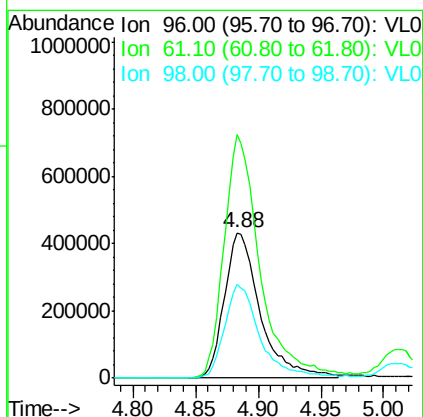
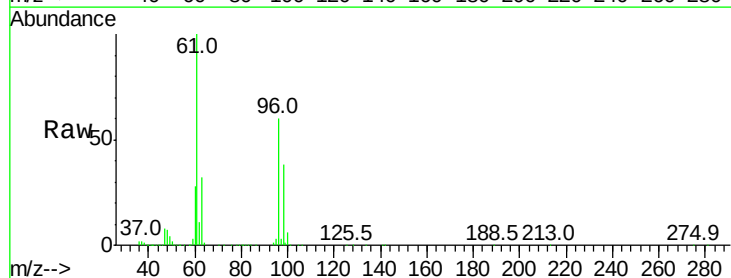
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

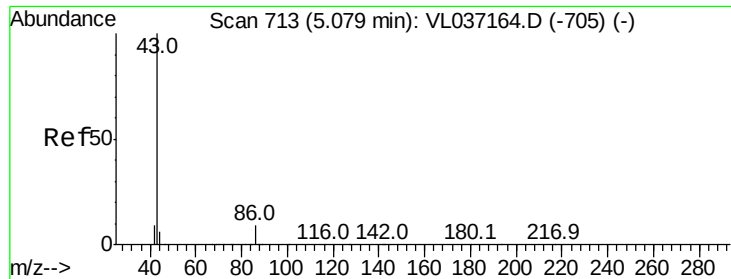
Tgt Ion: 41 Resp: 1206698
 Ion Ratio Lower Upper
 41 100
 76 31.8 24.6 37.0
 39 86.9 65.4 98.0



#22
 trans-1,2-Dichloroethene
 Concen: 9.823 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Tgt Ion: 96 Resp: 854116
 Ion Ratio Lower Upper
 96 100
 61 167.6 133.9 200.9
 98 64.2 52.9 79.3



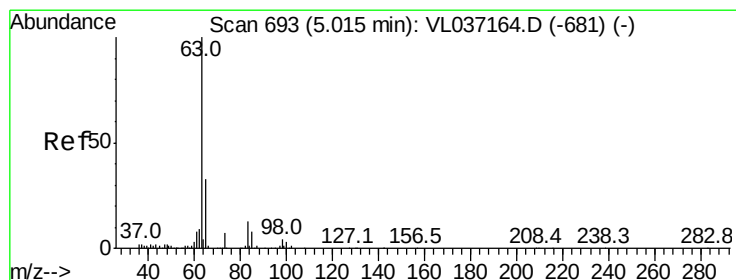
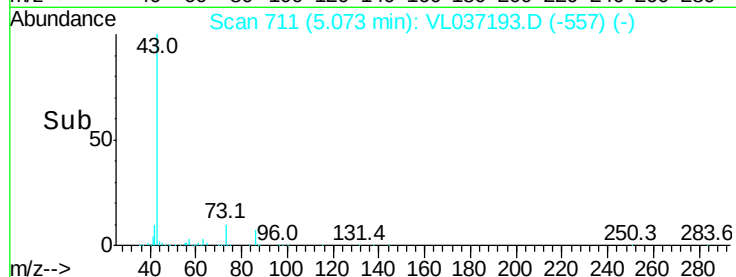
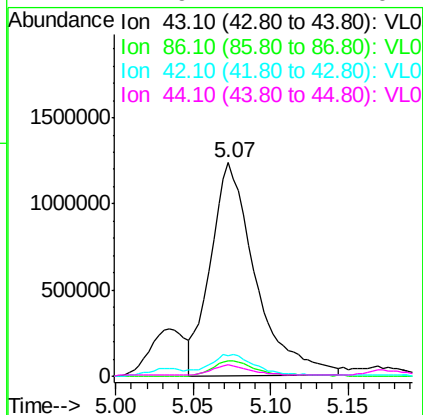
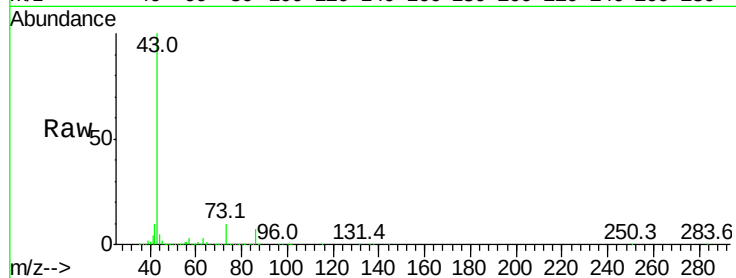


#23
 Vinyl Acetate
 Concen: 10.216 ppbv
 RT: 5.07 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 2504085

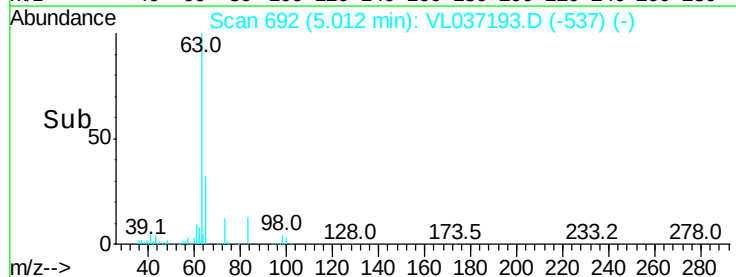
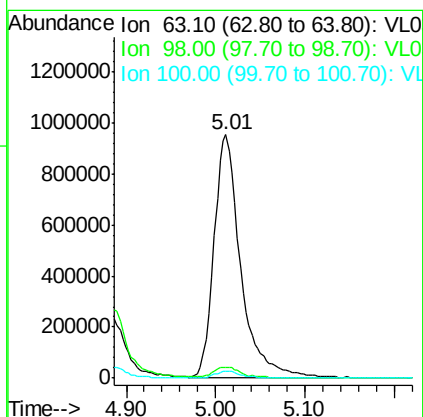
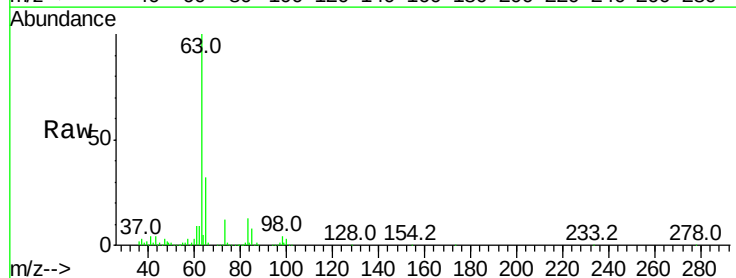
Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.8	8.8
42	9.7	8.2	12.2
44	4.9	4.2	6.4

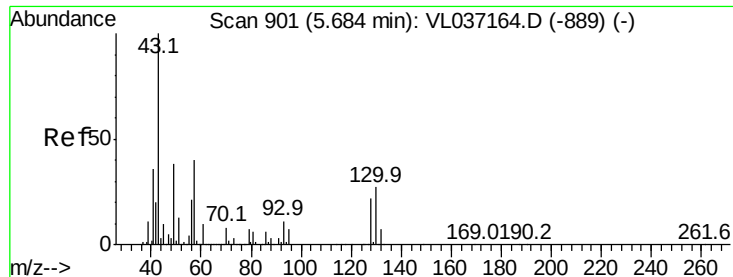


#24
 1,1-Dichloroethane
 Concen: 9.881 ppbv
 RT: 5.01 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Tgt Ion: 63 Resp: 1950077

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.1	6.5
100	2.9	1.4	4.0



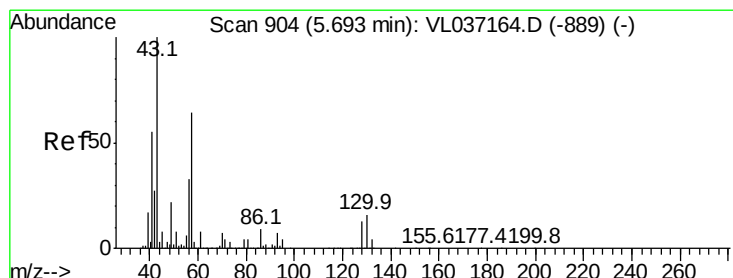
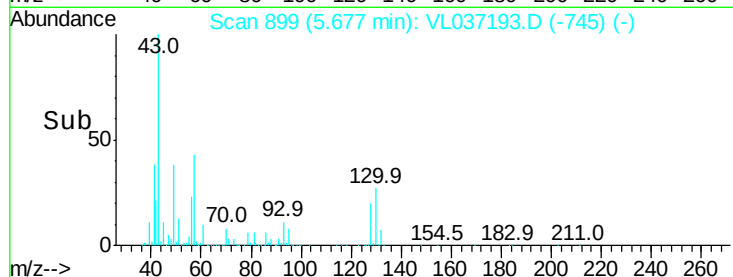
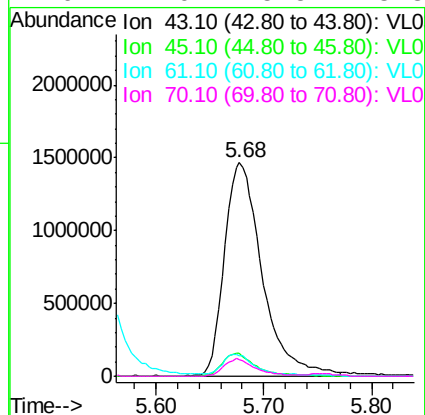
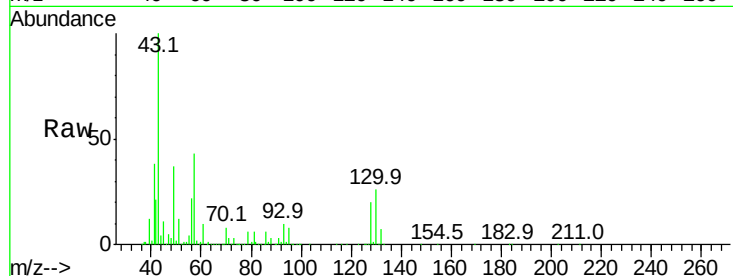


#25
Ethyl Acetate
Concen: 9.604 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 3554242

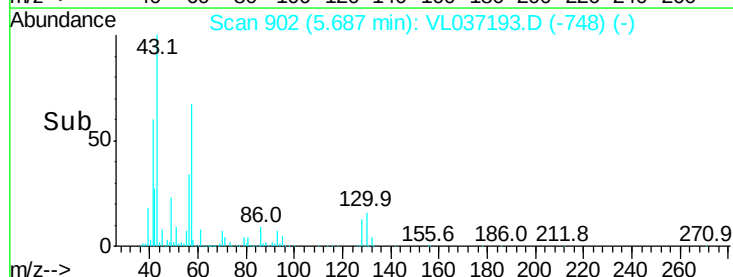
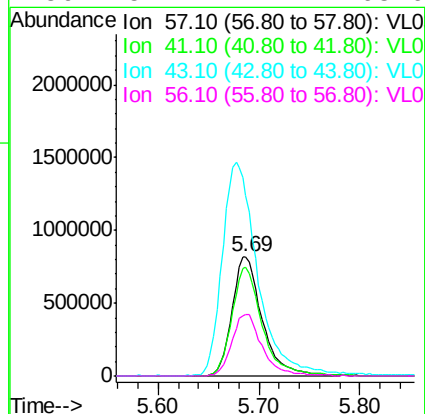
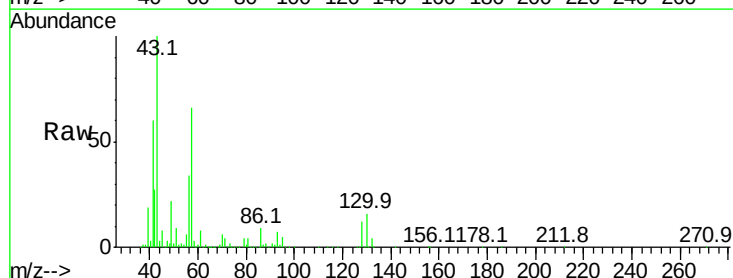
Ion	Ratio	Lower	Upper
43	100		
45	9.8	8.0	12.0
61	9.8	8.1	12.1
70	7.0	5.5	8.3

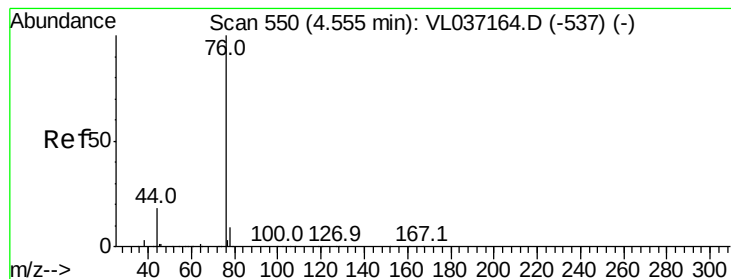


#26
Hexane
Concen: 9.163 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

Tgt Ion: 57 Resp: 1713851

Ion	Ratio	Lower	Upper
57	100		
41	92.0	73.5	110.3
43	210.3	170.7	256.1
56	52.7	42.4	63.6





#27

Carbon Disulfide

Concen: 10.611 ppbv

RT: 4.55 min Scan# 549

Delta R.T. -0.00 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

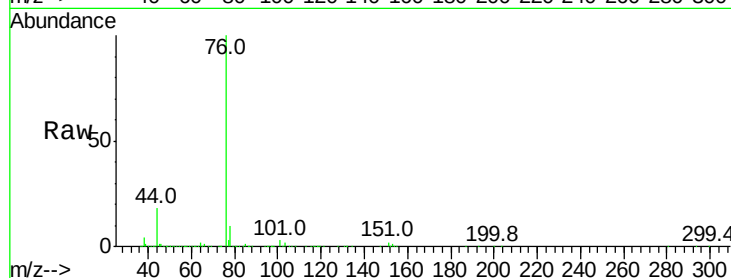
Tgt Ion: 76 Resp: 1944519

Ion Ratio Lower Upper

76 100

44 19.1 15.4 23.2

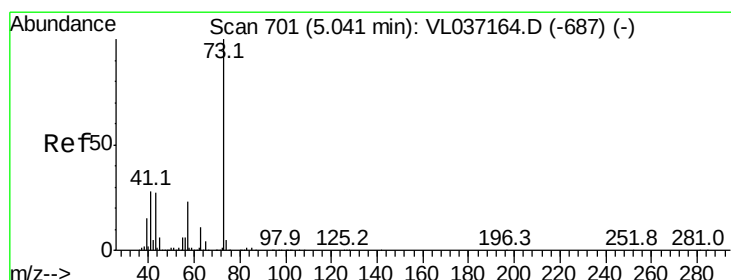
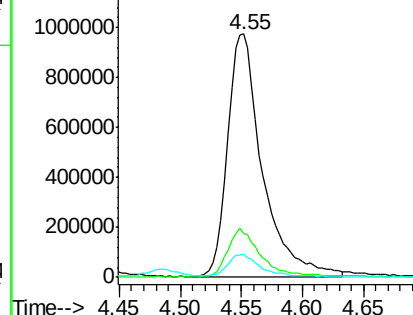
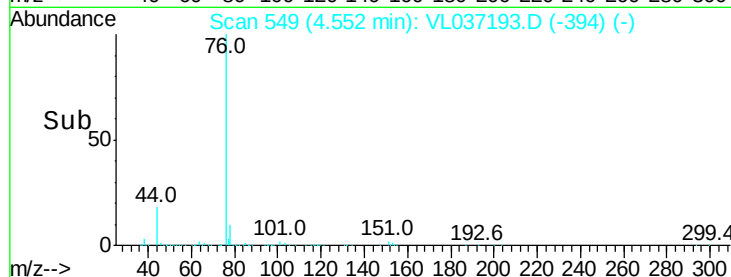
78 9.6 8.0 12.0



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.908 ppbv

RT: 5.03 min Scan# 699

Delta R.T. -0.01 min

Lab File: VL037193.D

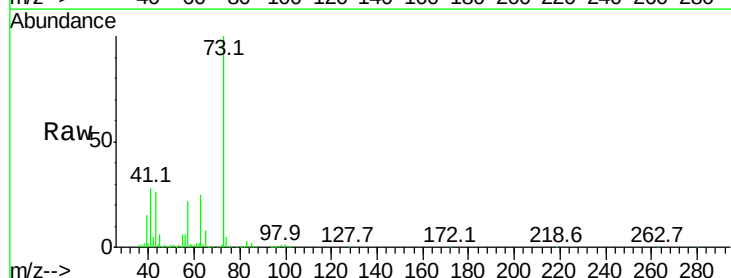
Acq: 17 Jun 2021 7:23

Tgt Ion: 73 Resp: 2227958

Ion Ratio Lower Upper

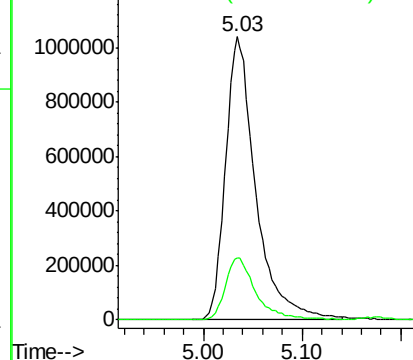
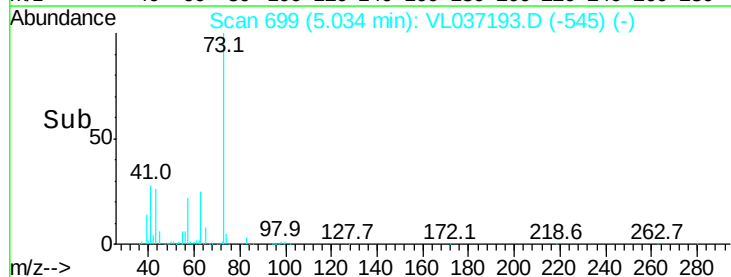
73 100

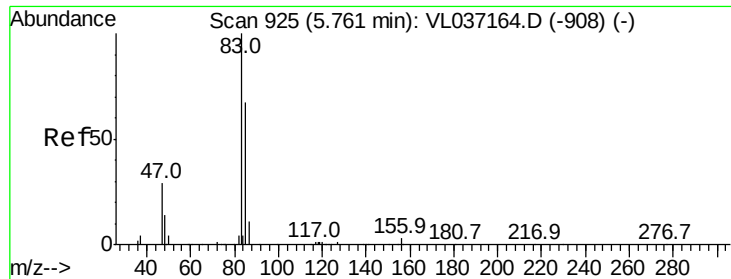
57 22.2 18.0 27.0



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

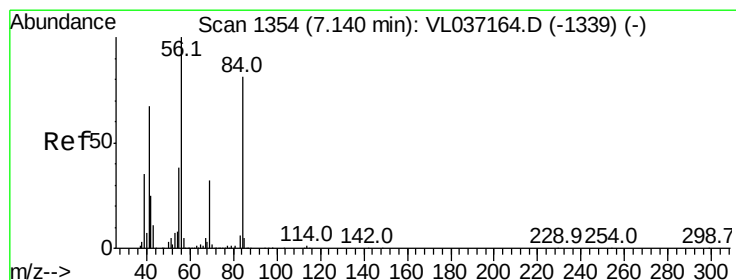
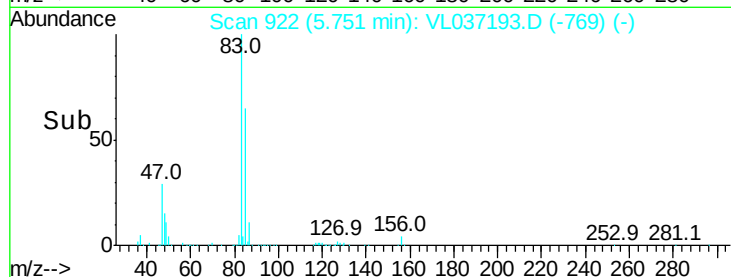
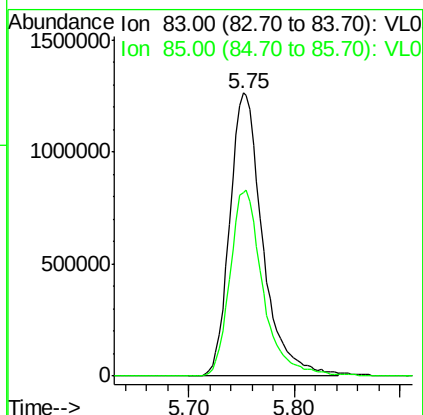
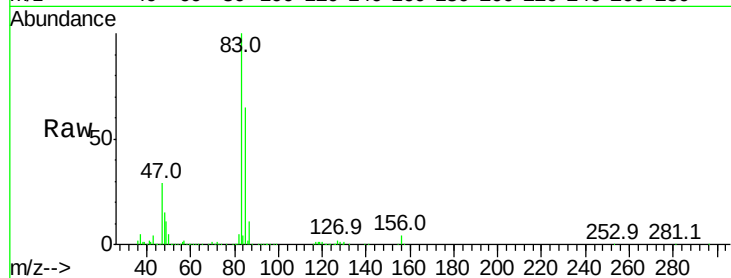




#29
Chloroform
Concen: 9.460 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

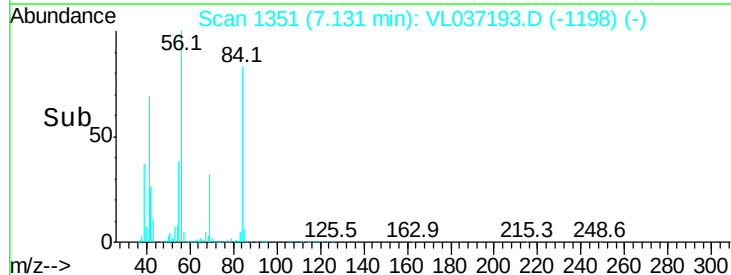
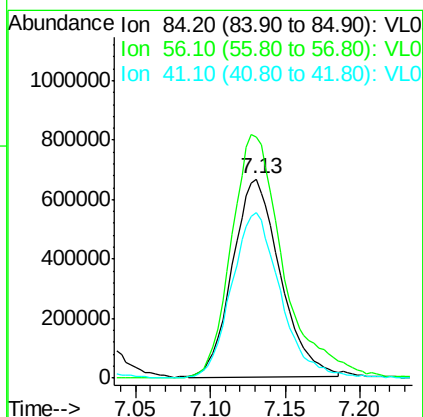
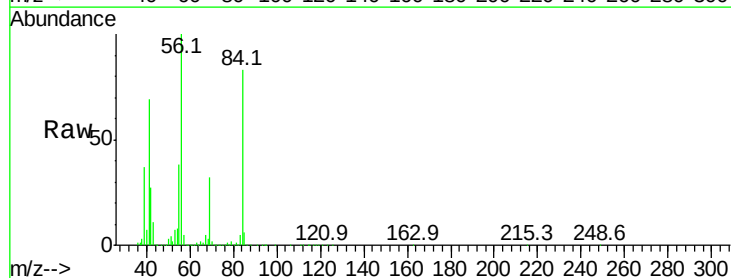
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

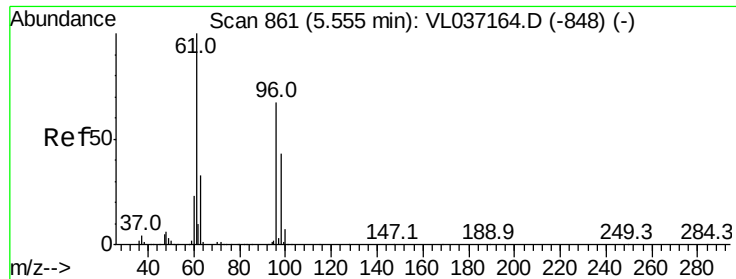
Tgt Ion: 83 Resp: 2733249
Ion Ratio Lower Upper
83 100
85 64.9 53.6 80.4



#30
Cyclohexane
Concen: 9.490 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

Tgt Ion: 84 Resp: 1479018
Ion Ratio Lower Upper
84 100
56 134.8 107.7 161.5
41 86.0 69.0 103.6



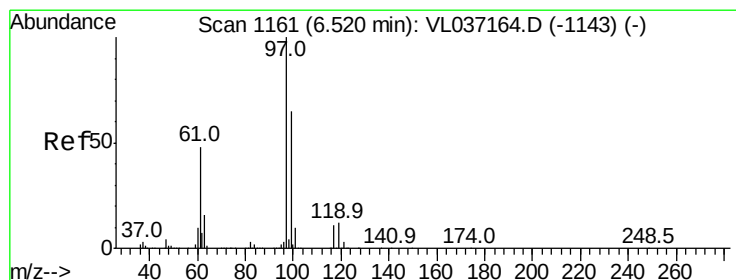
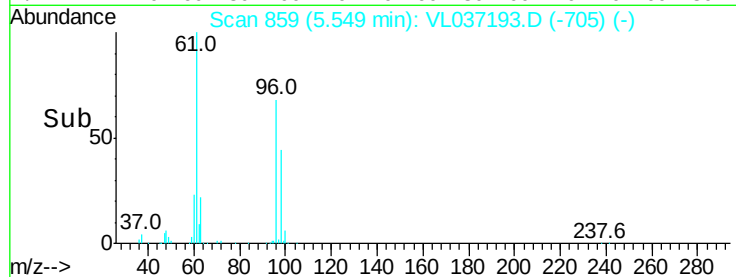
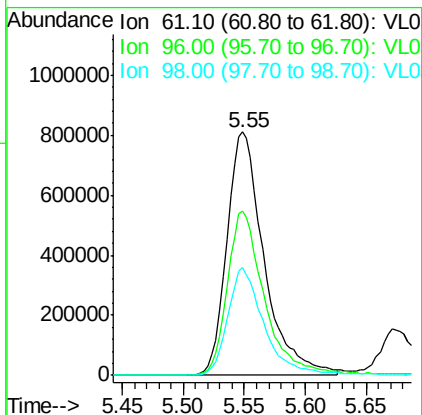
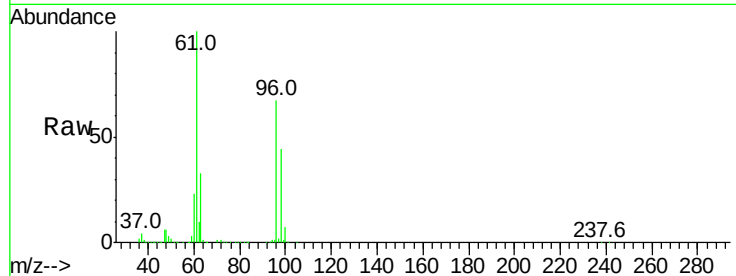


#31

cis-1,2-Dichloroethene
 Concen: 10.014 ppbv
 RT: 5.55 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

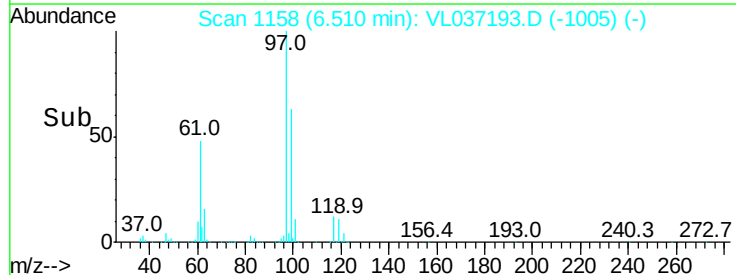
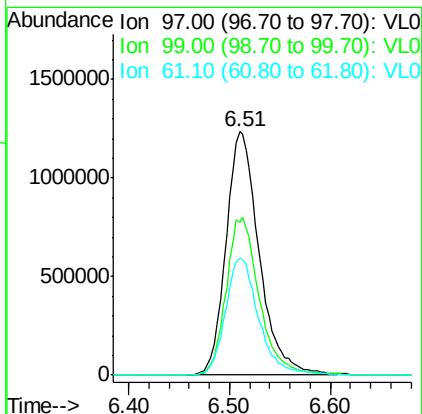
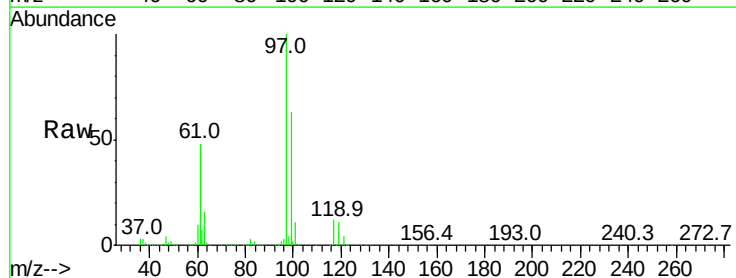
Tgt Ion: 61 Resp: 1721195
 Ion Ratio Lower Upper
 61 100
 96 67.5 53.6 80.4
 98 44.1 34.7 52.1

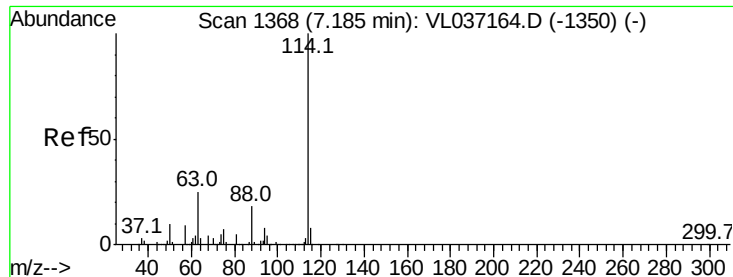


#32

1,1,1-Trichloroethane
 Concen: 9.146 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Tgt Ion: 97 Resp: 2827782
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.2 78.4
 61 48.5 38.8 58.2

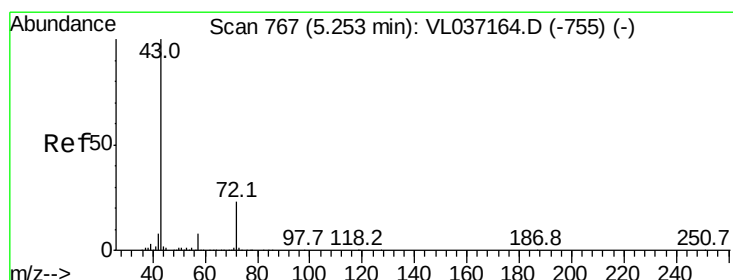
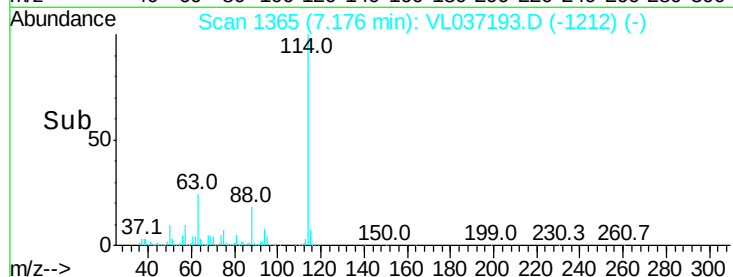
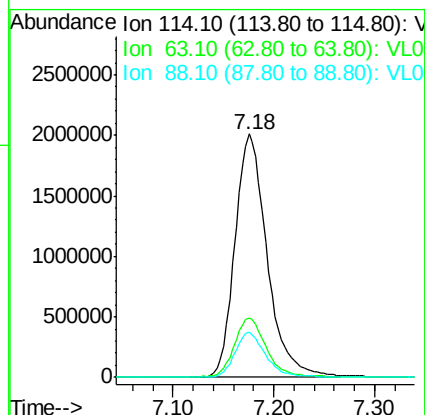
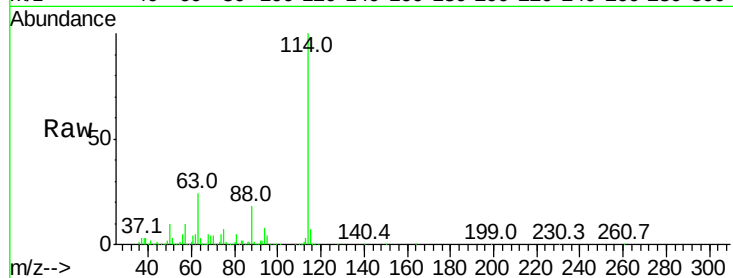




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

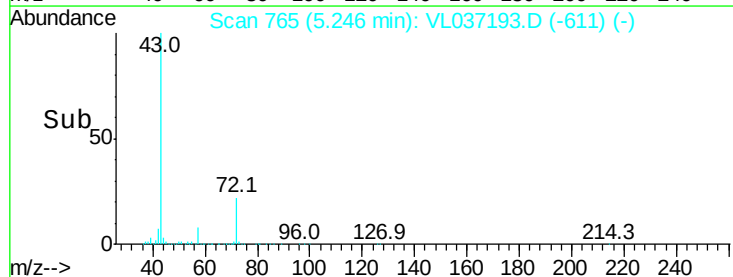
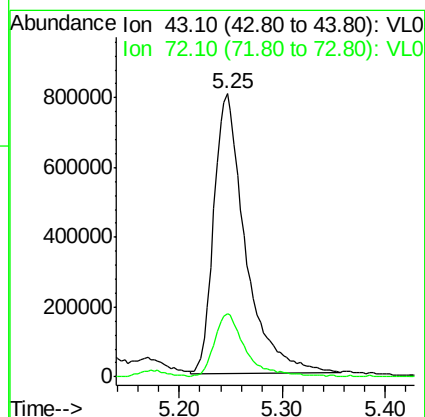
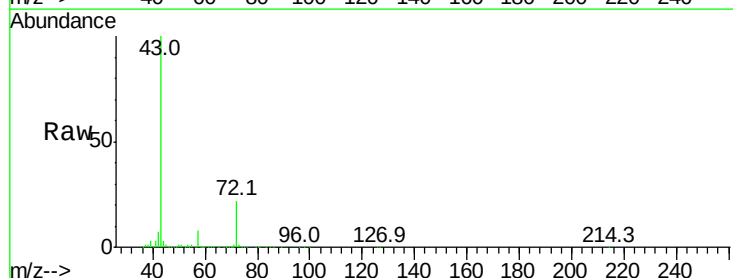
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

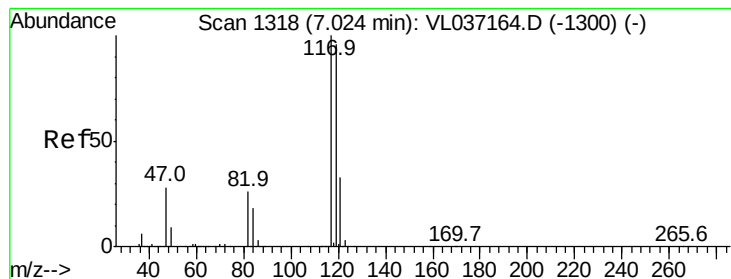
Tgt Ion:114 Resp: 4448962
 Ion Ratio Lower Upper
 114 100
 63 24.6 19.6 29.4
 88 17.9 14.2 21.2



#34
 2-Butanone
 Concen: 9.812 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Tgt Ion: 43 Resp: 1697794
 Ion Ratio Lower Upper
 43 100
 72 22.4 18.9 28.3





#35

Carbon Tetrachloride

Concen: 9.976 ppbv

RT: 7.02 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

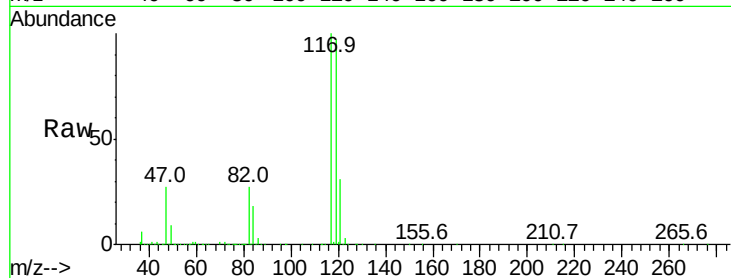
Tgt Ion:117 Resp: 2976844

Ion Ratio Lower Upper

117 100

119 97.4 76.6 114.8

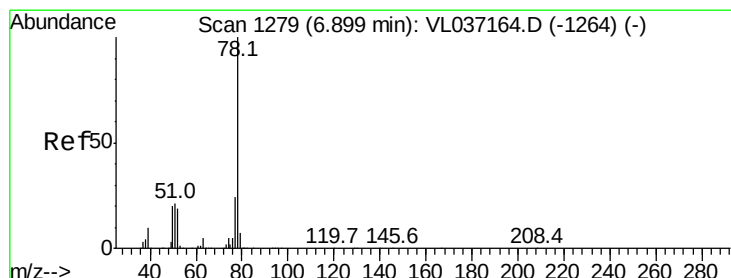
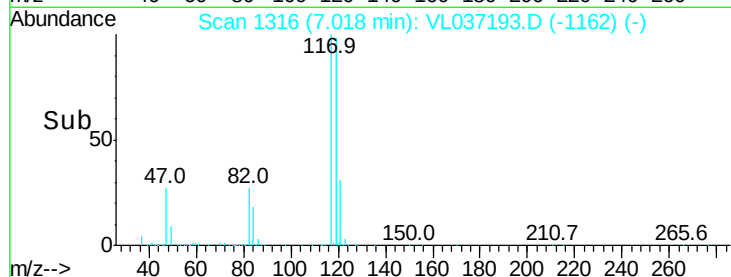
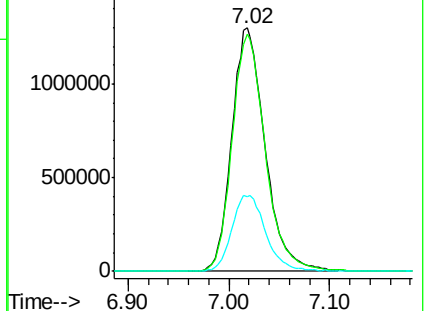
121 30.8 26.4 39.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.827 ppbv

RT: 6.89 min Scan# 1276

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

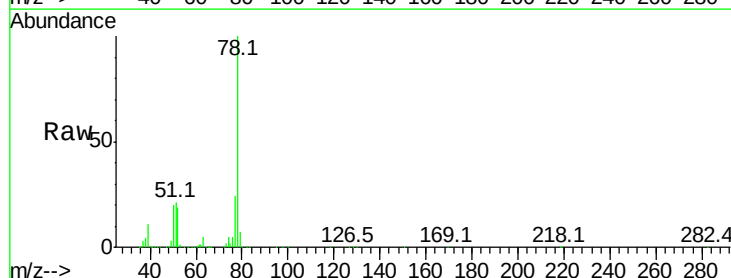
Tgt Ion: 78 Resp: 3535431

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

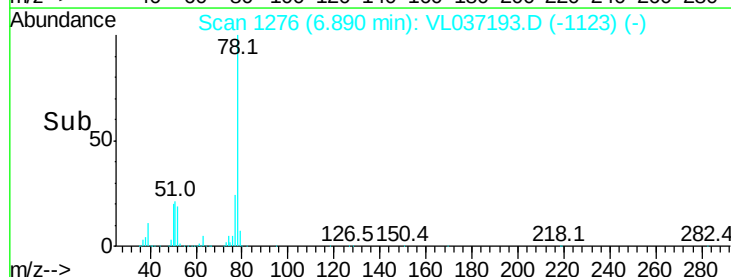
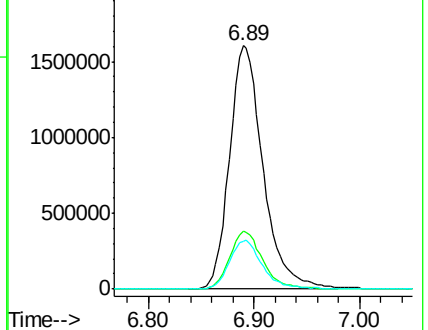
50 19.8 15.7 23.5

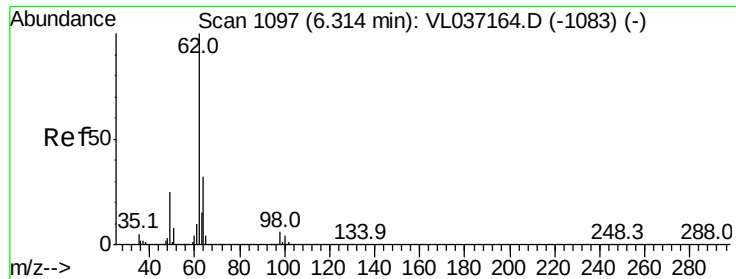


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

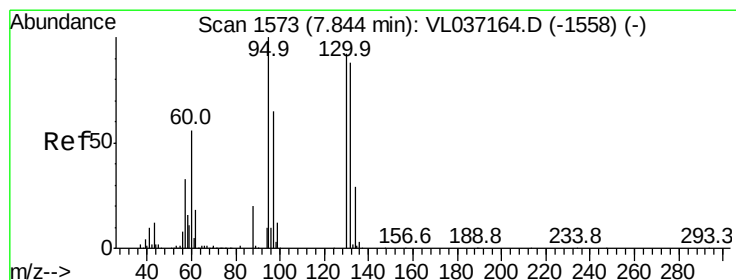
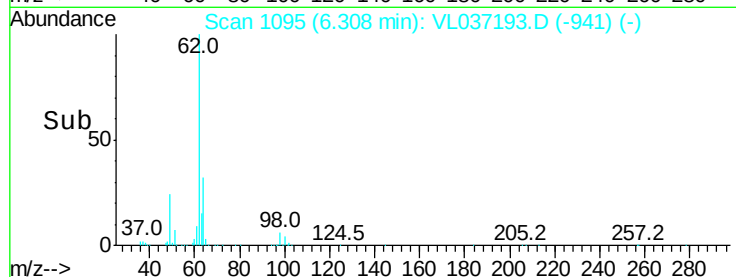
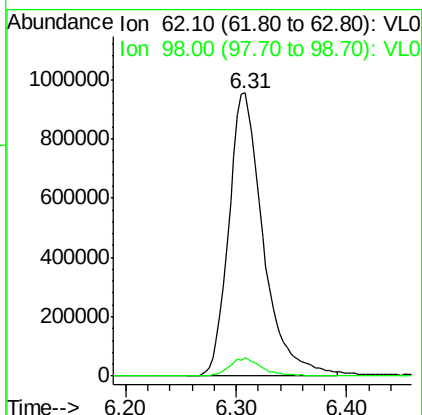
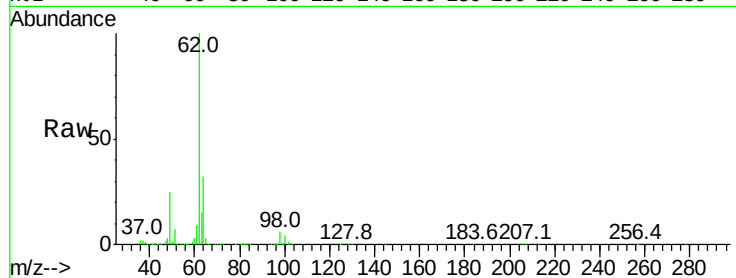




#37
 1,2-Dichloroethane
 Concen: 9.907 ppbv
 RT: 6.31 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

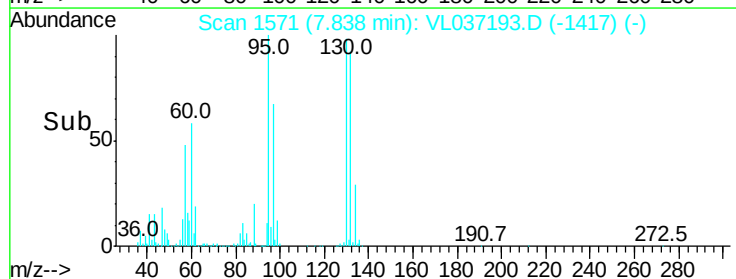
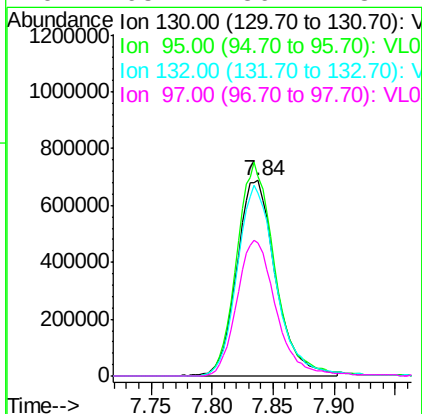
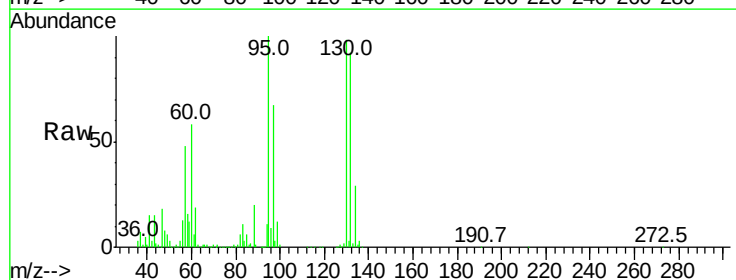
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

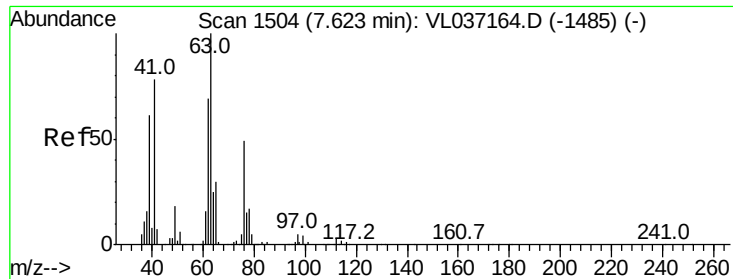
Tgt Ion: 62 Resp: 2070455
 Ion Ratio Lower Upper
 62 100
 98 6.4 5.0 7.6



#38
 Trichloroethene
 Concen: 8.787 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Tgt Ion: 130 Resp: 1502712
 Ion Ratio Lower Upper
 130 100
 95 102.5 86.6 129.8
 132 94.2 76.6 114.8
 97 68.2 56.1 84.1





#39

1,2-Dichloropropane

Concen: 10.042 ppbv

RT: 7.61 min Scan# 1501

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

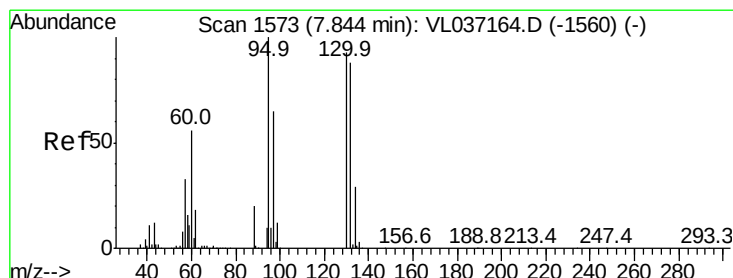
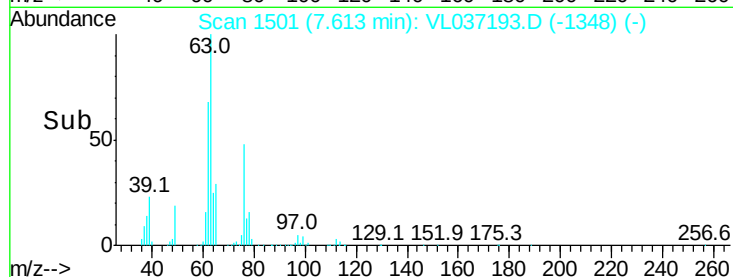
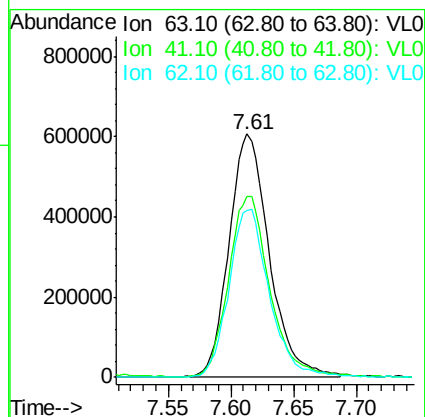
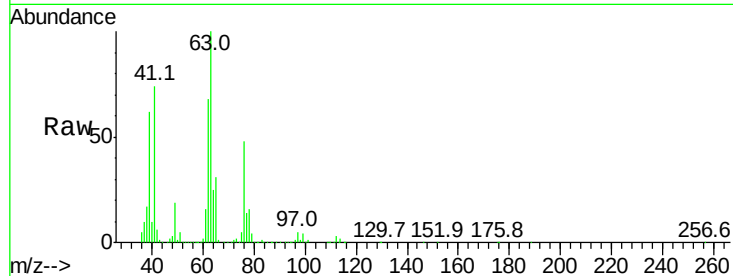
Tgt Ion: 63 Resp: 1342491

Ion Ratio Lower Upper

63 100

41 73.9 62.0 93.0

62 68.2 54.9 82.3



#40

1,4-Dioxane

Concen: 9.992 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Tgt Ion: 88 Resp: 366285

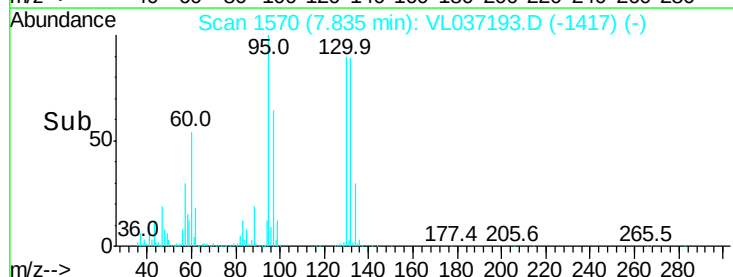
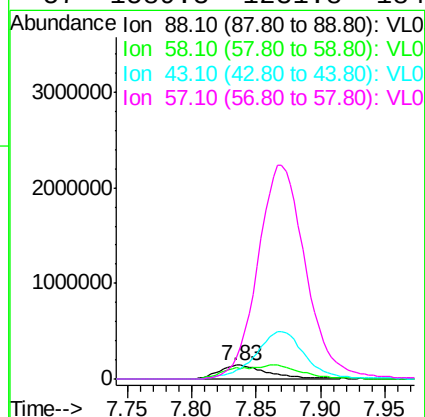
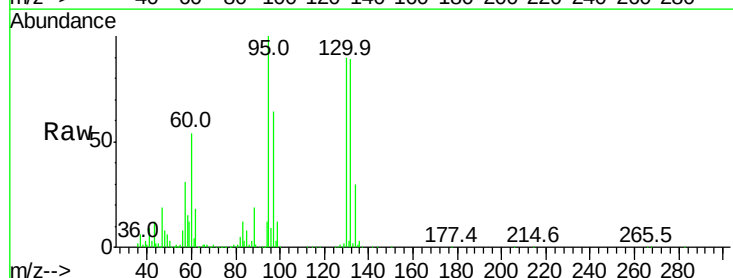
Ion Ratio Lower Upper

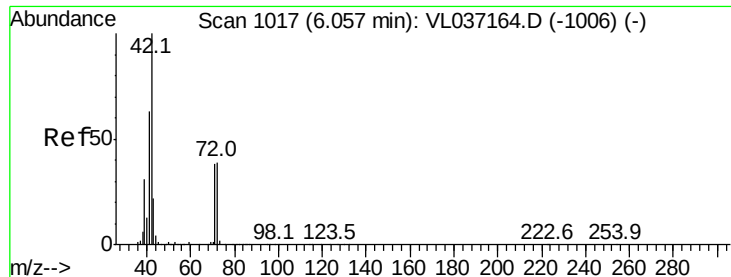
88 100

58 151.0 118.4 177.6

43 366.8 284.0 426.0

57 1589.3 1231.8 1847.6





#41

Tetrahydrofuran

Concen: 10.454 ppbv

RT: 6.05 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

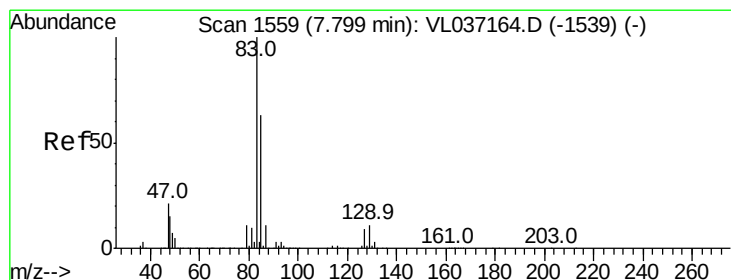
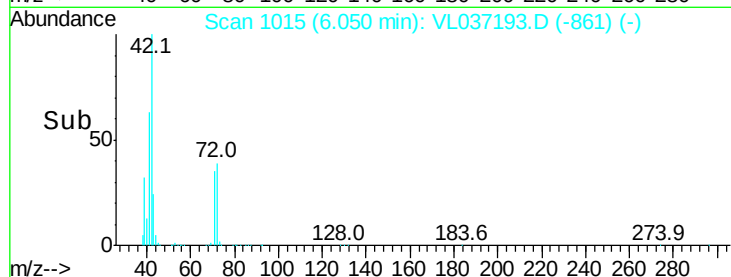
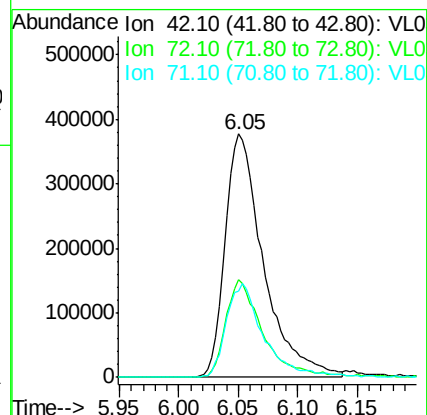
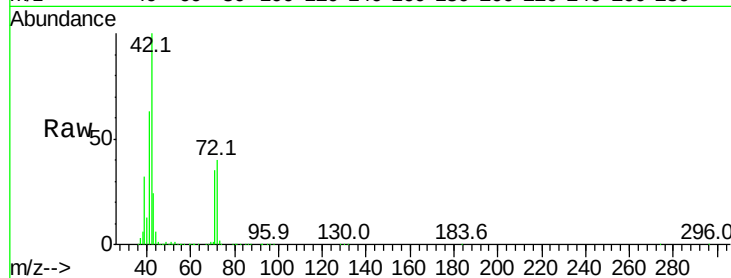
Tgt Ion: 42 Resp: 840192

Ion Ratio Lower Upper

42 100

72 40.0 33.0 49.4

71 38.5 31.0 46.6



#42

Bromodichloromethane

Concen: 10.056 ppbv

RT: 7.79 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

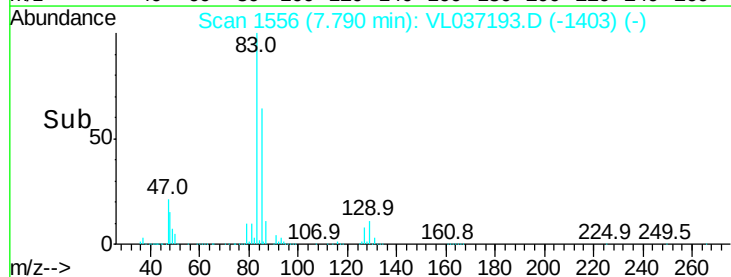
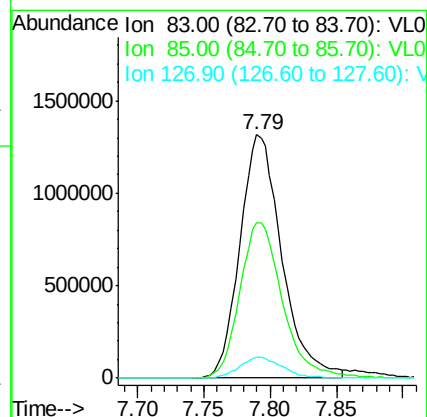
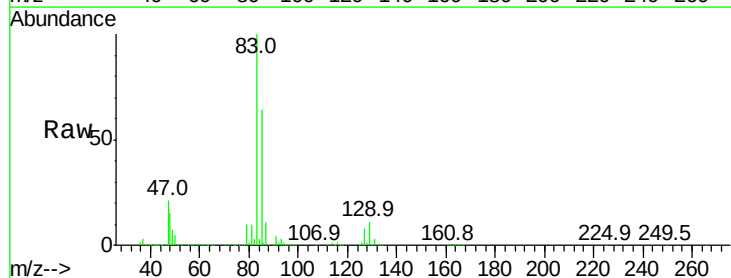
Tgt Ion: 83 Resp: 2899359

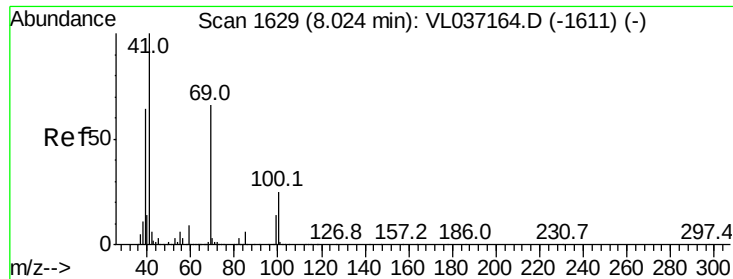
Ion Ratio Lower Upper

83 100

85 63.5 50.8 76.2

127 8.5 7.0 10.6





#43

Methyl Methacrylate

Concen: 10.515 ppbv

RT: 8.01 min Scan# 1625

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

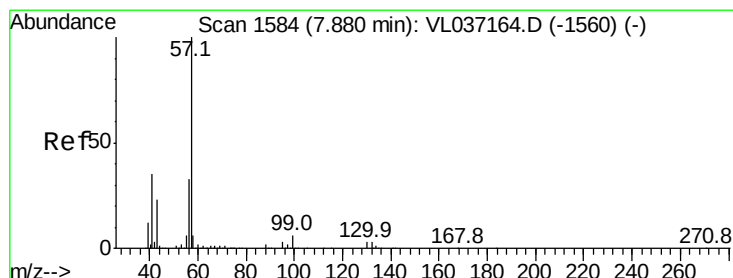
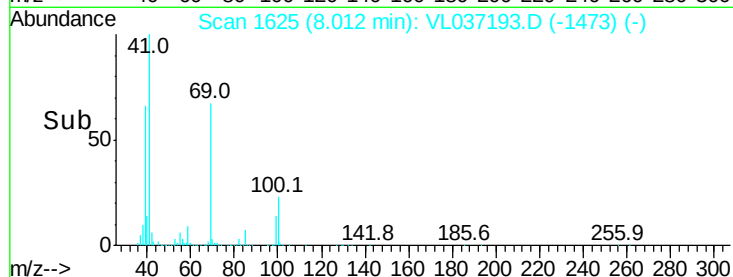
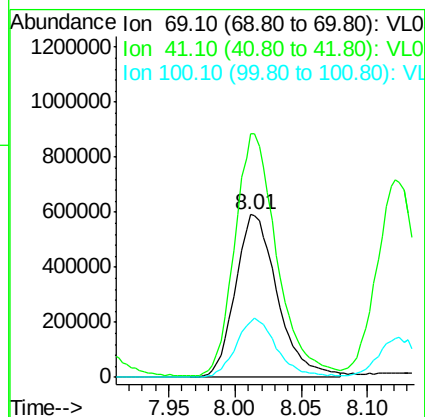
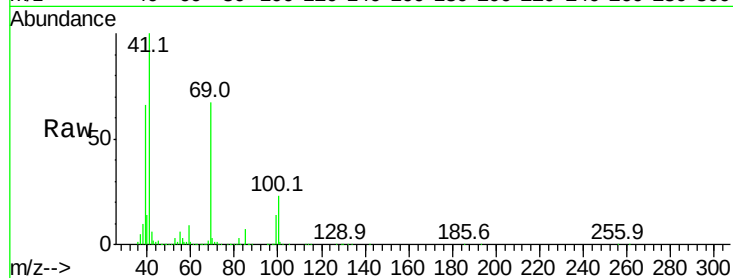
Tgt Ion: 69 Resp: 1306414

Ion Ratio Lower Upper

69 100

41 150.3 119.4 179.0

100 35.3 28.6 43.0



#44

2,2,4-Trimethylpentane

Concen: 9.602 ppbv

RT: 7.87 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

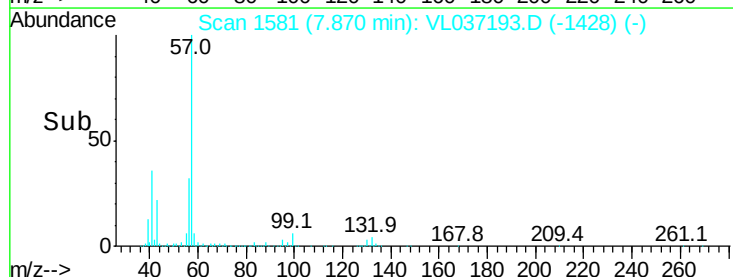
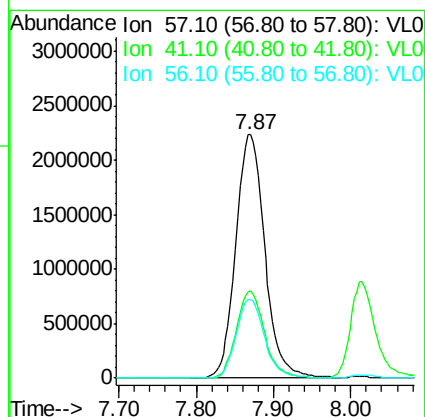
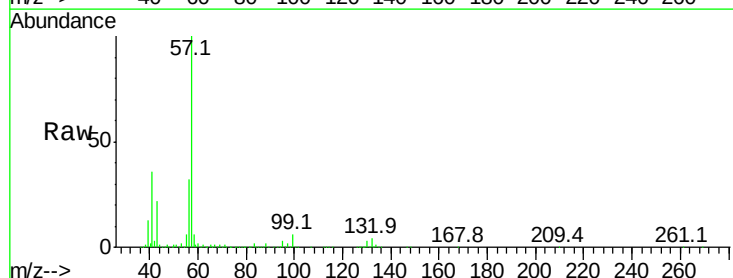
Tgt Ion: 57 Resp: 5817093

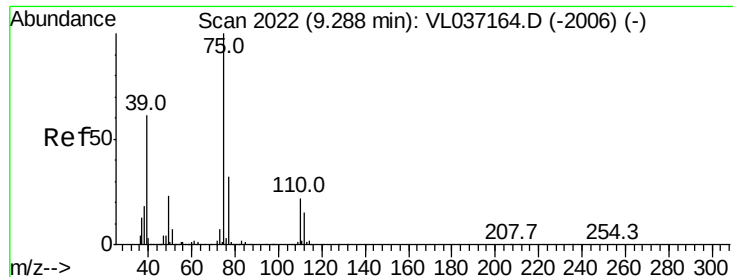
Ion Ratio Lower Upper

57 100

41 34.6 27.6 41.4

56 31.5 25.3 37.9

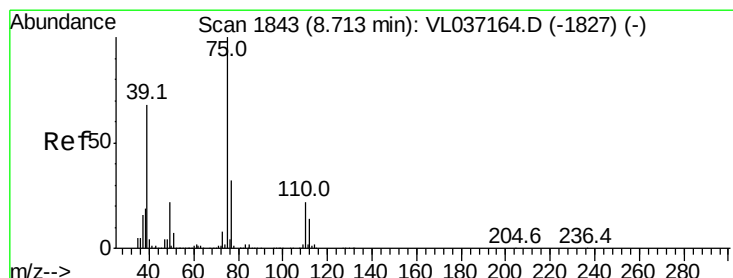
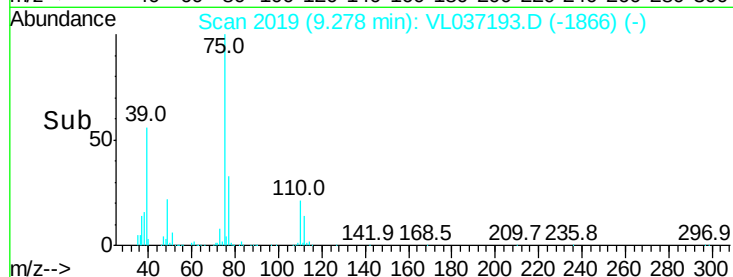
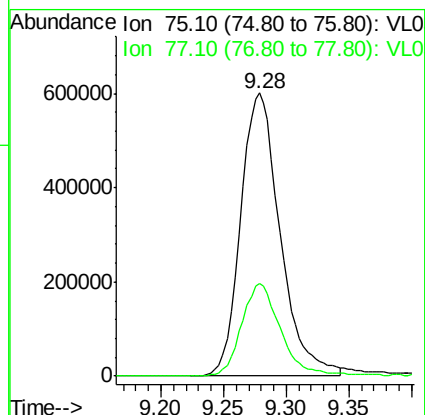
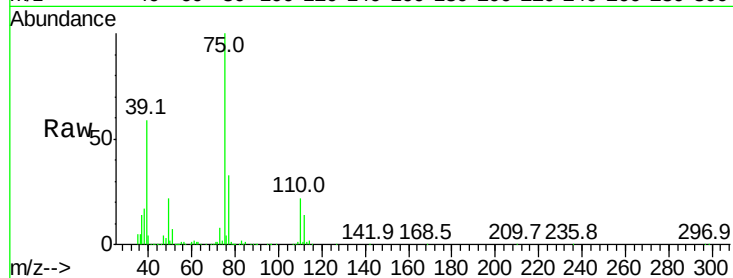




#45
 t-1,3-Dichloropropene
 Concen: 11.992 ppbv
 RT: 9.28 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

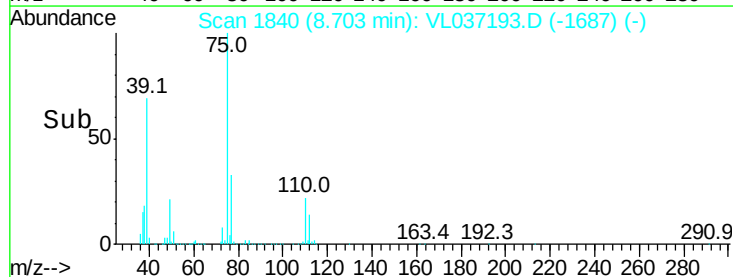
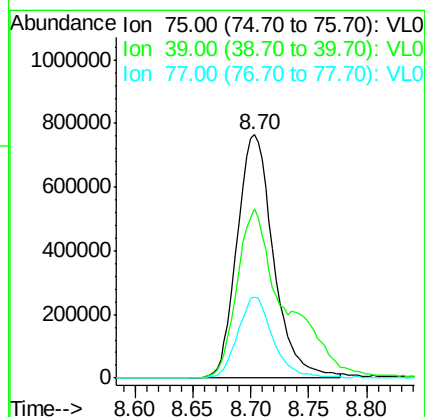
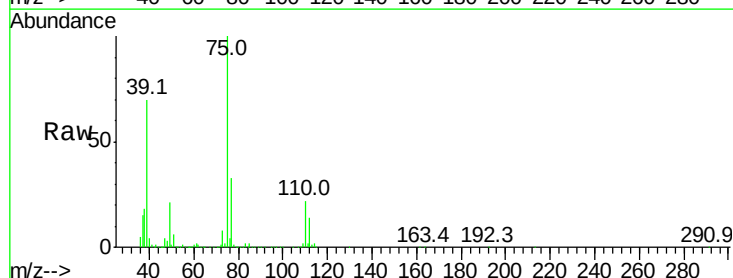
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

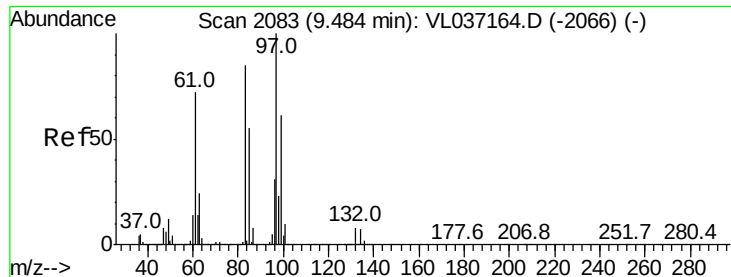
Tgt Ion: 75 Resp: 1314545
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.6 38.4



#46
 cis-1,3-Dichloropropene
 Concen: 11.154 ppbv
 RT: 8.70 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Tgt Ion: 75 Resp: 1672574
 Ion Ratio Lower Upper
 75 100
 39 69.5 54.7 82.1
 77 33.5 25.8 38.8

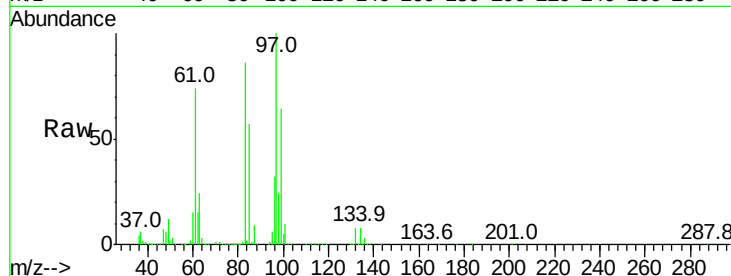




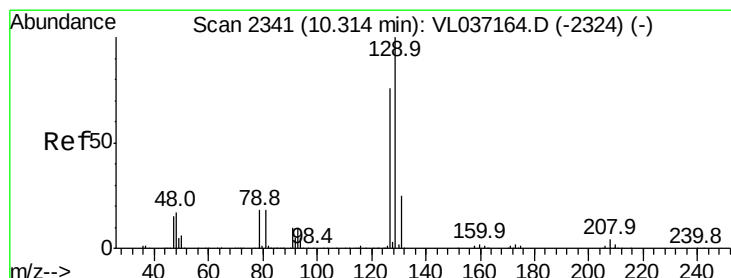
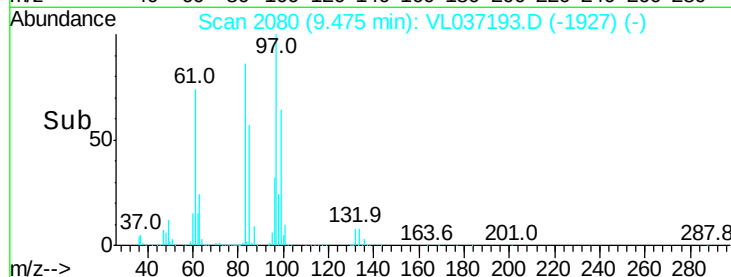
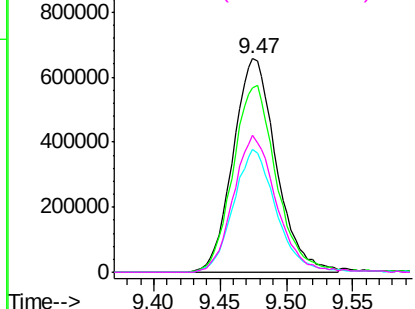
#47
 1,1,2-Trichloroethane
 Concen: 9.698 ppbv
 RT: 9.47 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 97 Resp: 1479126
 Ion Ratio Lower Upper
 97 100
 83 86.3 68.3 102.5
 85 57.5 44.1 66.1
 99 64.3 48.6 72.8

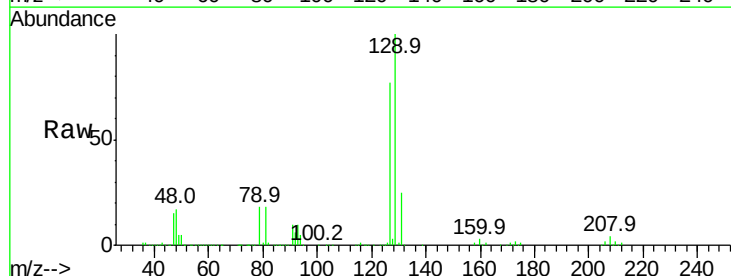


Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 83.00 (82.70 to 83.70): VL0
 Ion 85.00 (84.70 to 85.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0

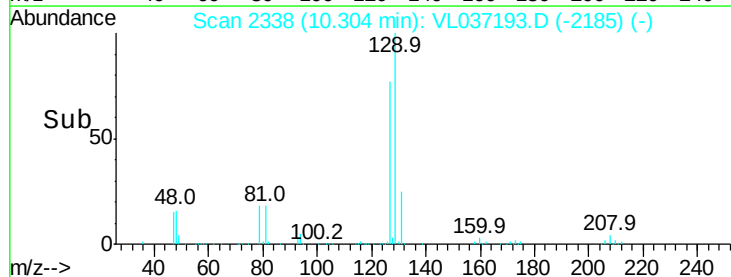
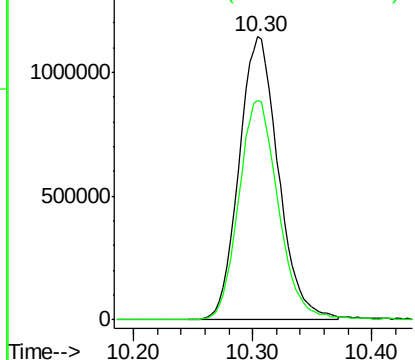


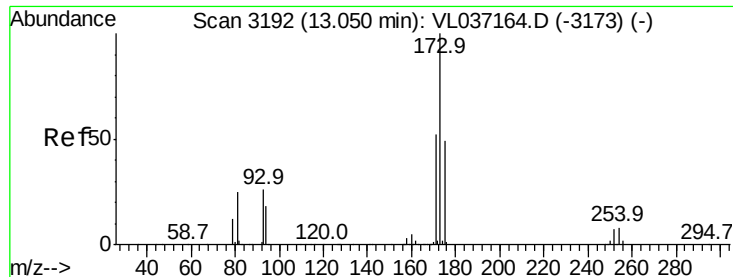
#48
 Dibromochloromethane
 Concen: 10.881 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Tgt Ion: 129 Resp: 2619605
 Ion Ratio Lower Upper
 129 100
 127 78.7 39.1 117.2



Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 11.893 ppbv

RT: 13.04 min Scan# 3189

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

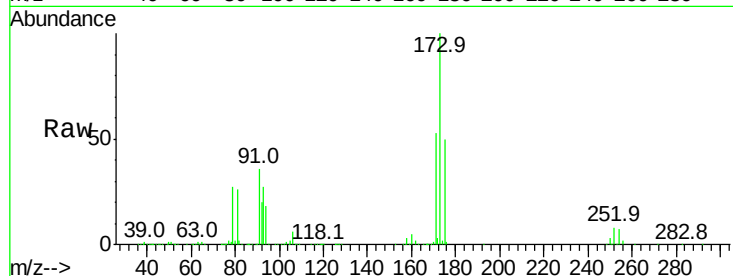
Tgt Ion:173 Resp: 2133228

Ion Ratio Lower Upper

173 100

175 50.1 40.2 60.4

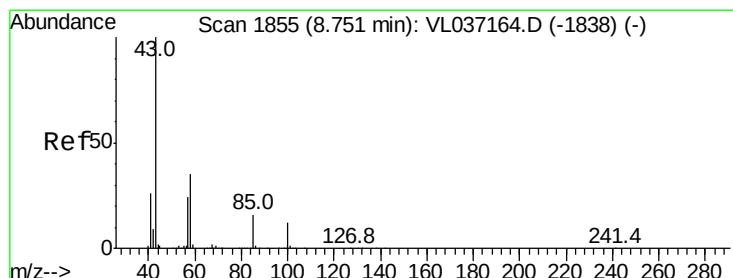
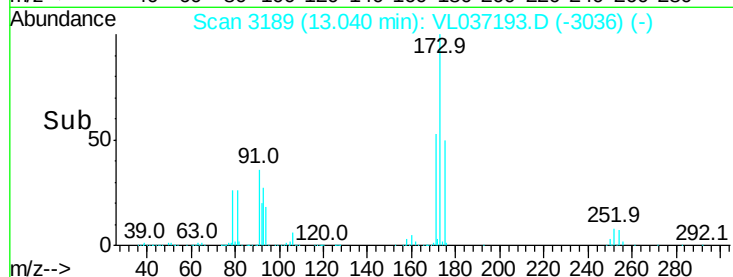
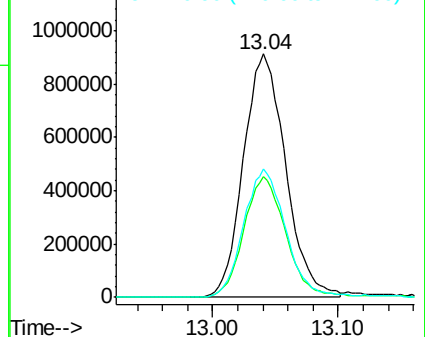
171 53.3 41.8 62.8



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: 10.482 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VL037193.D

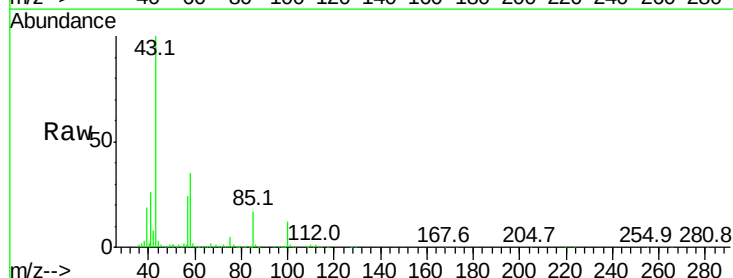
Acq: 17 Jun 2021 7:23

Tgt Ion: 43 Resp: 2491228

Ion Ratio Lower Upper

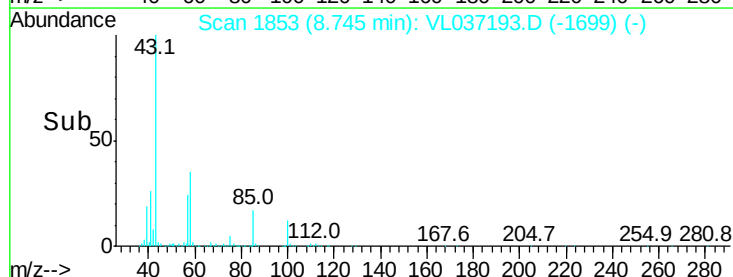
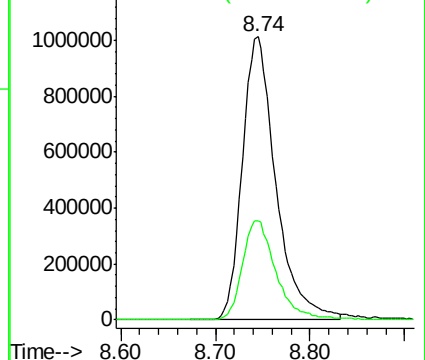
43 100

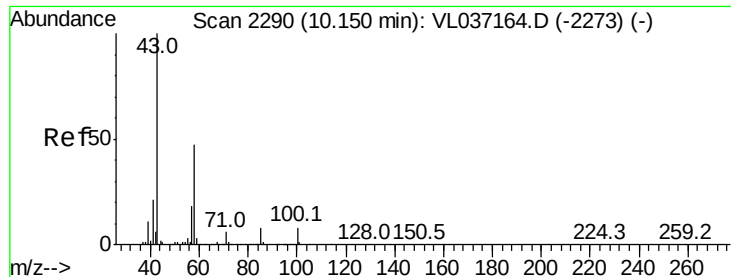
58 35.8 28.4 42.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

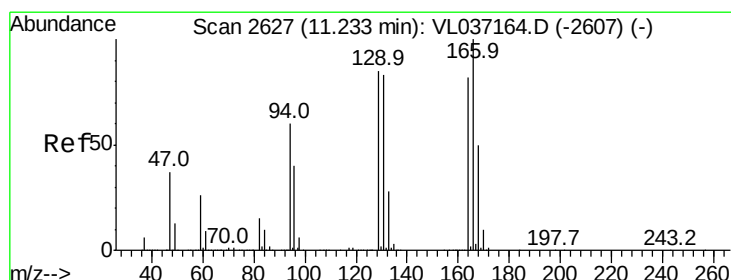
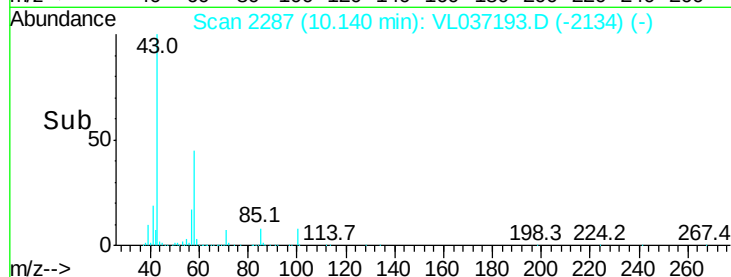
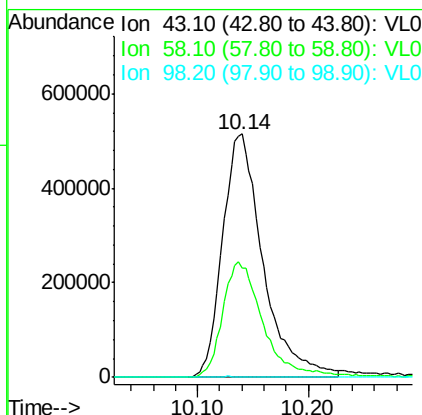
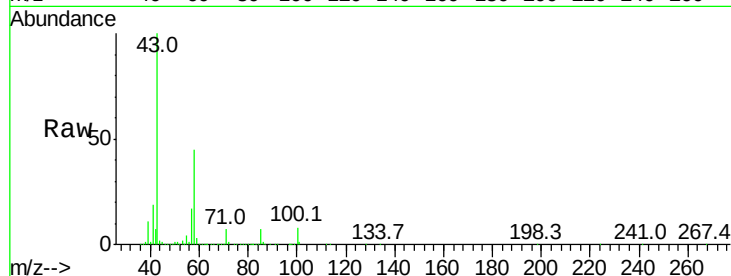




#51
2-Hexanone
Concen: 11.198 ppbv
RT: 10.14 min Scan# 2287
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

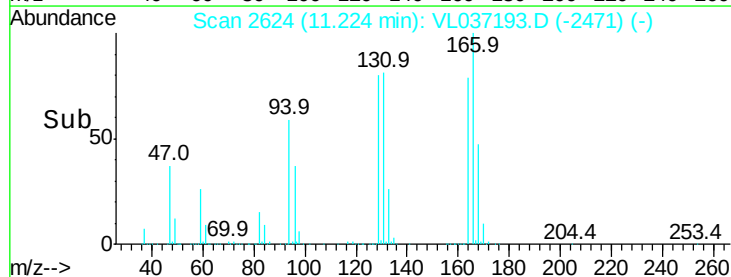
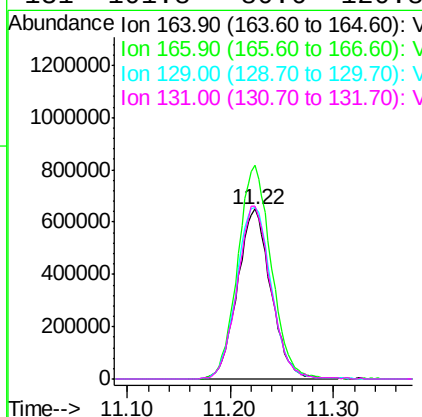
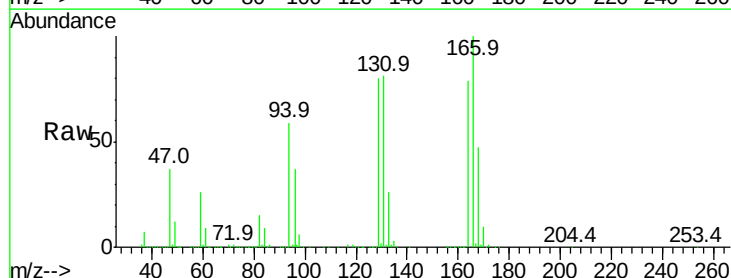
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

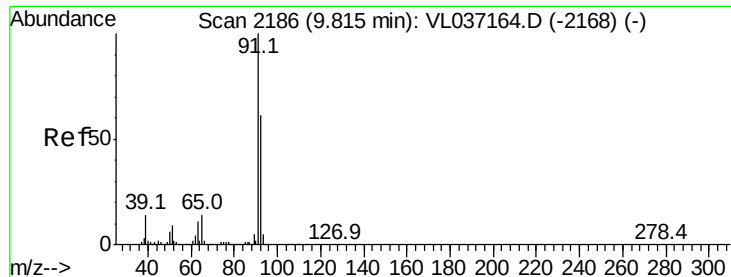
Tgt Ion: 43 Resp: 1294828
Ion Ratio Lower Upper
43 100
58 48.5 38.4 57.6
98 0.3 0.3 0.5#



#52
Tetrachloroethene
Concen: 8.767 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

Tgt Ion: 164 Resp: 1465585
Ion Ratio Lower Upper
164 100
166 125.9 97.6 146.4
129 101.2 82.9 124.3
131 101.8 80.6 120.8





#53

Toluene

Concen: 9.886 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Instrument :

MSVOA_L

ClientSampleId :

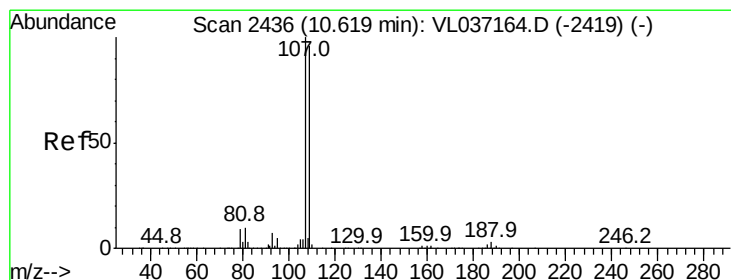
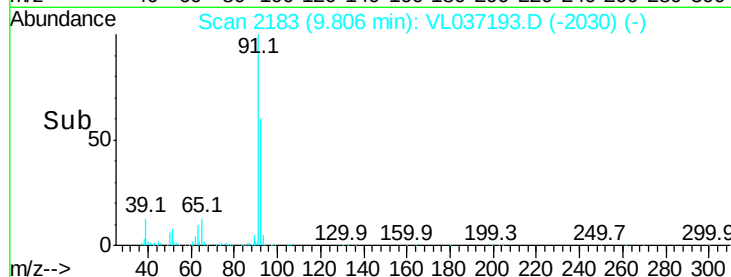
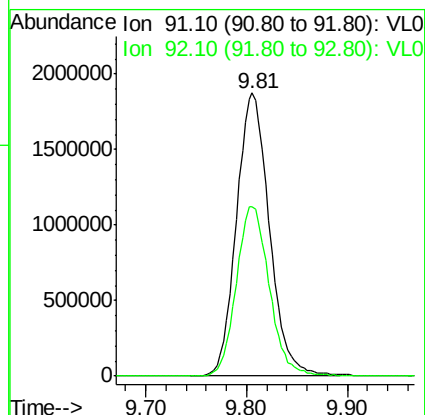
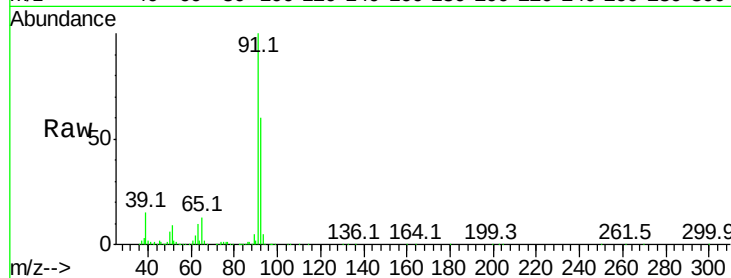
VSTDCCC010EC

Tgt Ion: 91 Resp: 4248525

Ion Ratio Lower Upper

91 100

92 60.4 48.3 72.5



#54

1,2-Dibromoethane

Concen: 10.343 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.01 min

Lab File: VL037193.D

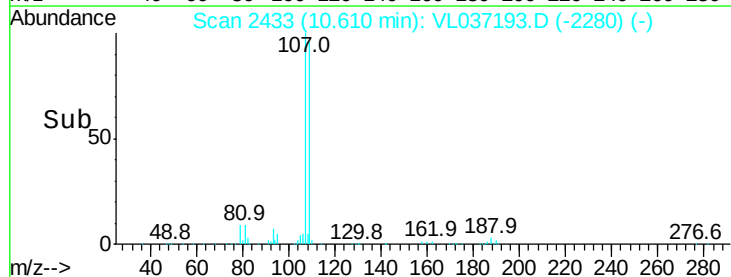
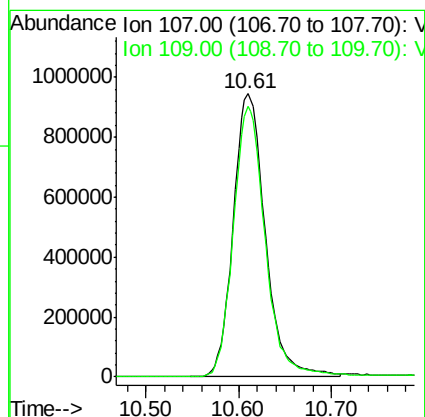
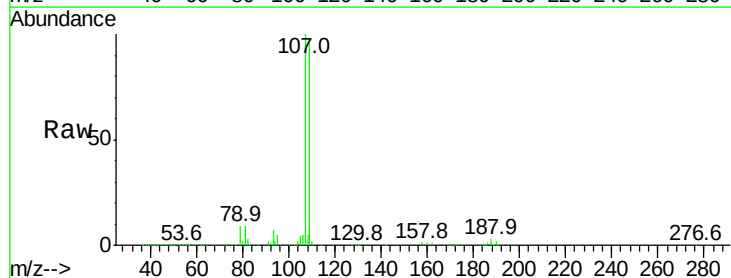
Acq: 17 Jun 2021 7:23

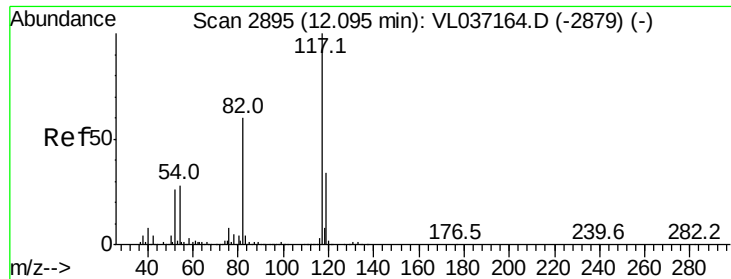
Tgt Ion: 107 Resp: 2267084

Ion Ratio Lower Upper

107 100

109 95.7 77.0 115.6

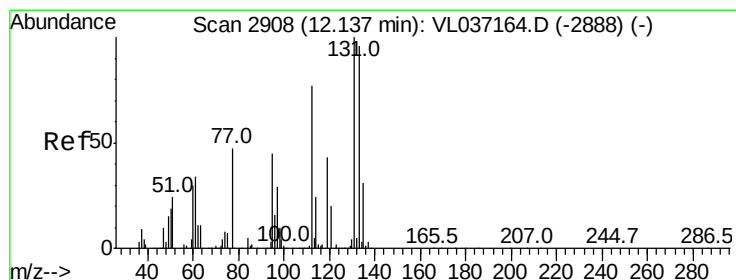
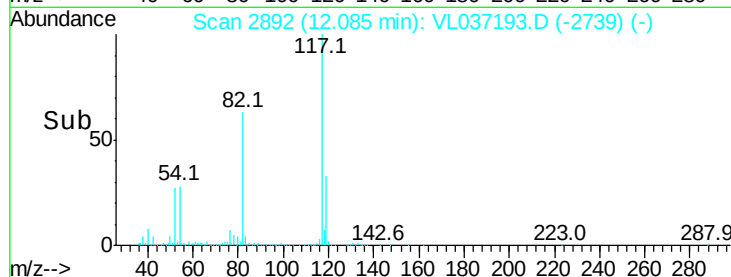
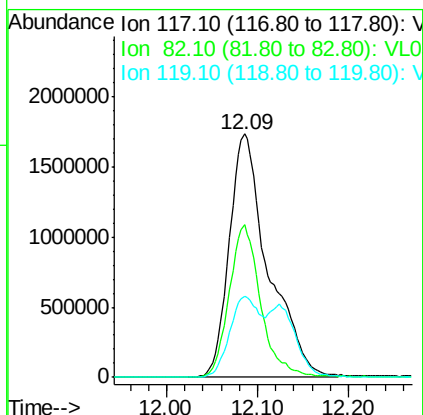
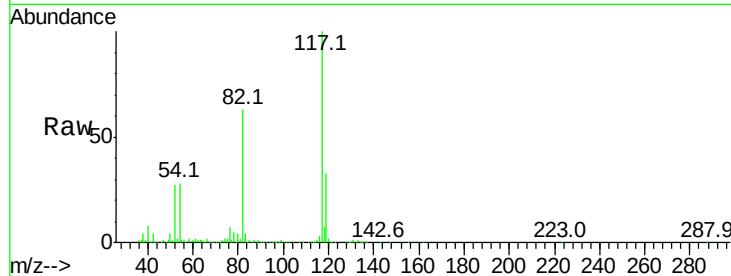




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

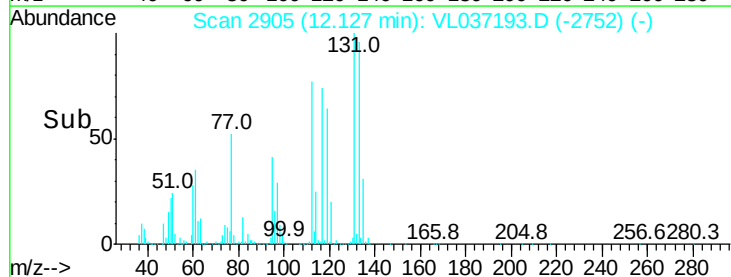
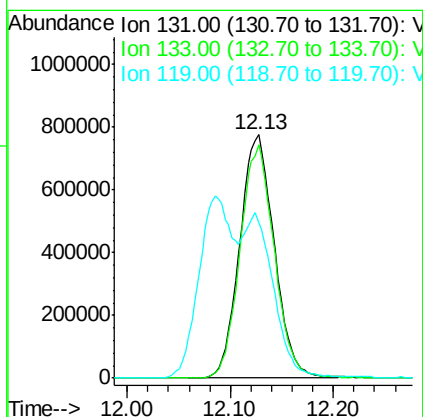
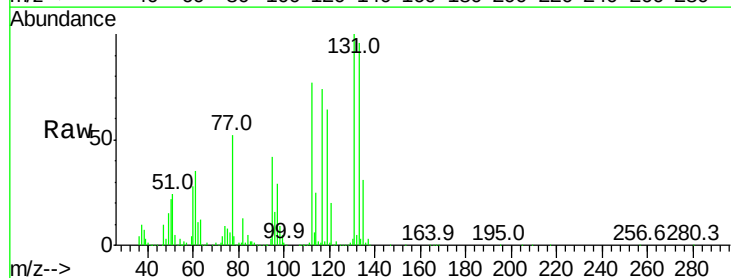
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

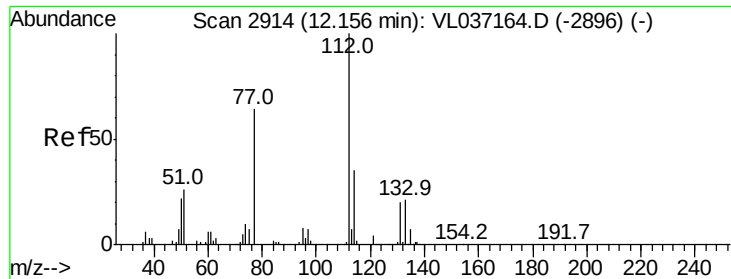
Tgt Ion:117 Resp: 5180882
Ion Ratio Lower Upper
117 100
82 50.6 51.7 77.5#
119 28.1 47.6 71.4#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.993 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

Tgt Ion:131 Resp: 1810635
Ion Ratio Lower Upper
131 100
133 95.5 76.5 114.7
119 55.1 48.6 72.8

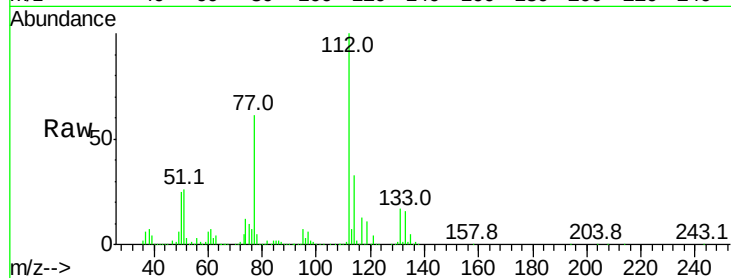




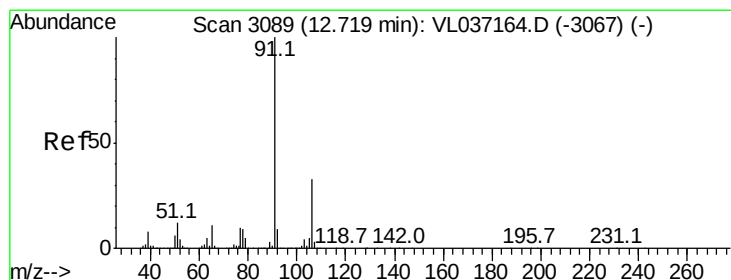
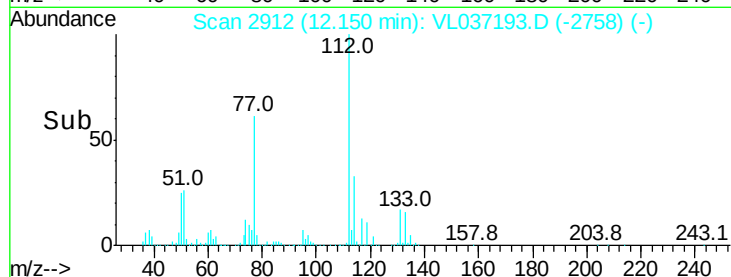
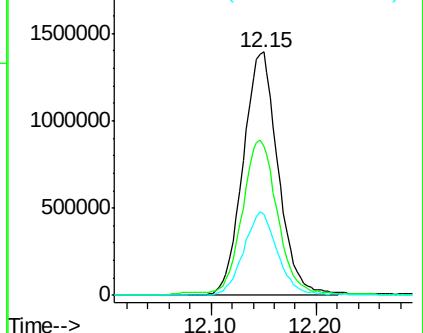
#57
Chlorobenzene
Concen: 7.678 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 112 Resp: 3226233
Ion Ratio Lower Upper
112 100
77 60.6 52.2 78.4
114 33.1 31.1 38.1

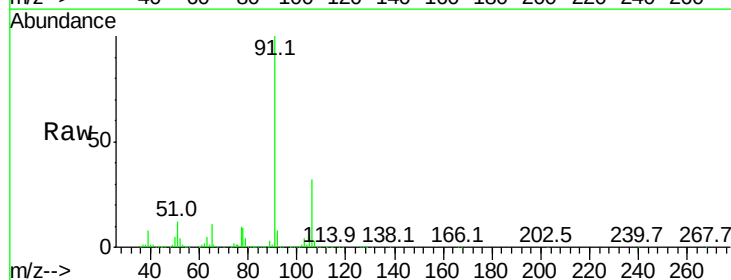


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

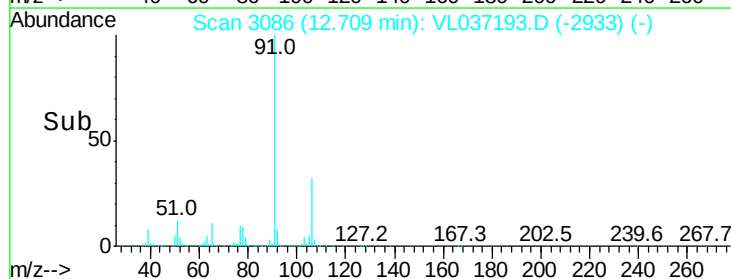
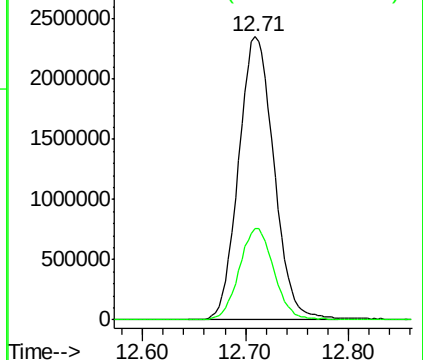


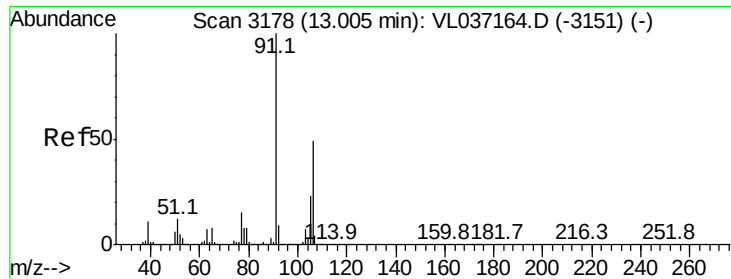
#58
Ethyl Benzene
Concen: 7.870 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

Tgt Ion: 91 Resp: 5613234
Ion Ratio Lower Upper
91 100
106 32.3 26.3 39.5



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

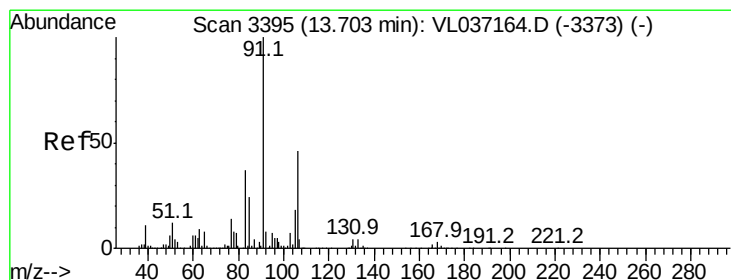
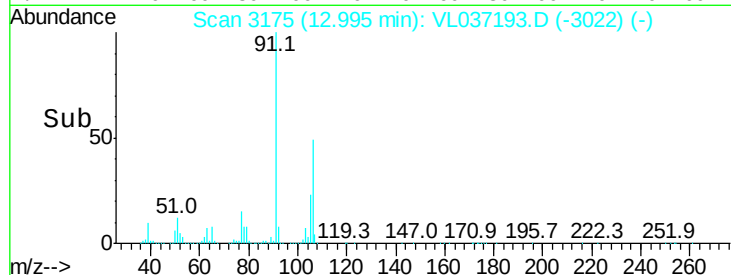
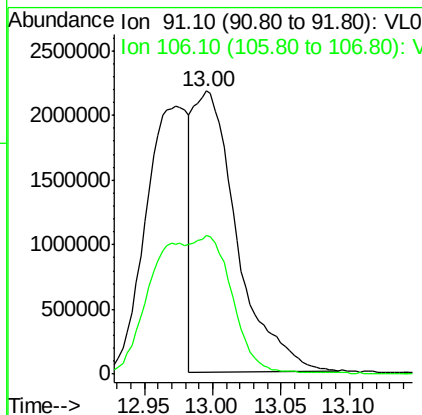
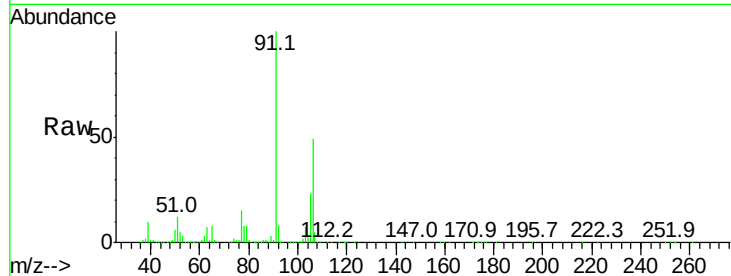




#59
m/p-Xylene
Concen: 7.979 ppbv
RT: 13.00 min Scan# 3175
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

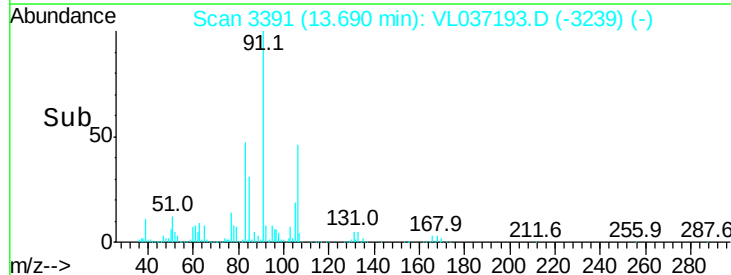
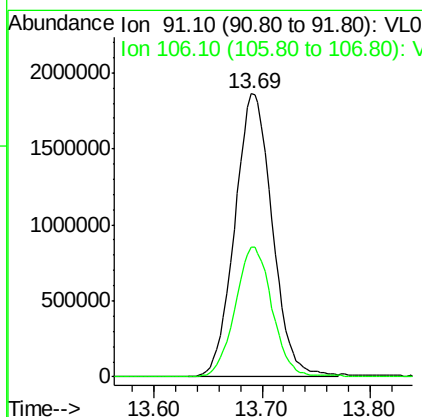
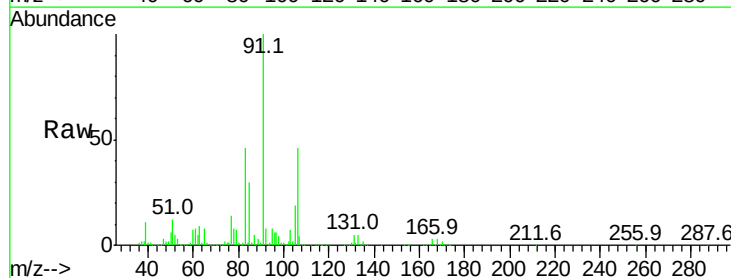
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

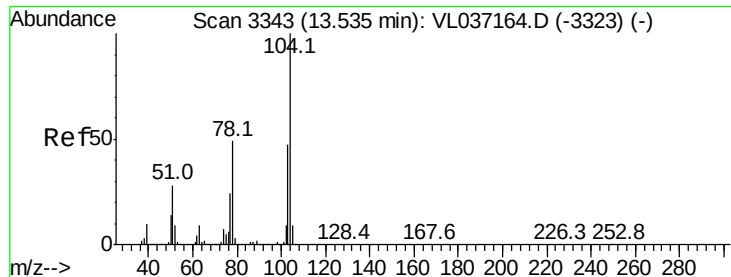
Tgt Ion: 91 Resp: 4822463
Ion Ratio Lower Upper
91 100
106 90.1 37.0 55.4#



#60
o-Xylene
Concen: 7.827 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

Tgt Ion: 91 Resp: 4504778
Ion Ratio Lower Upper
91 100
106 45.6 23.0 69.0

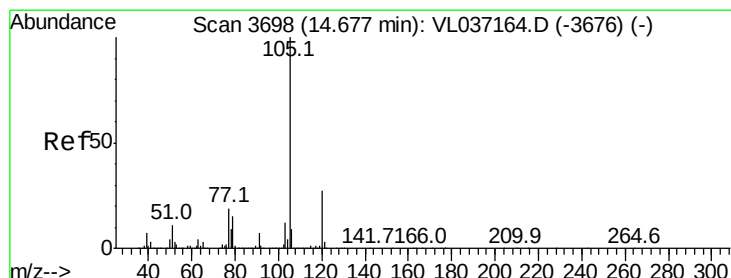
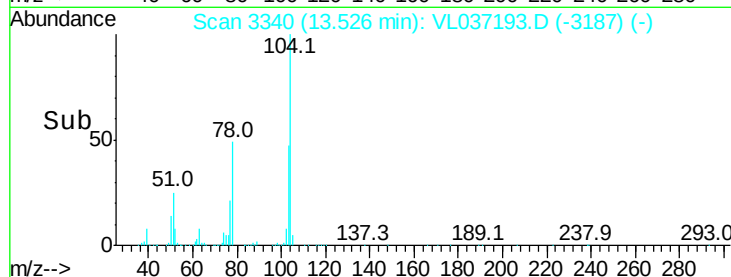
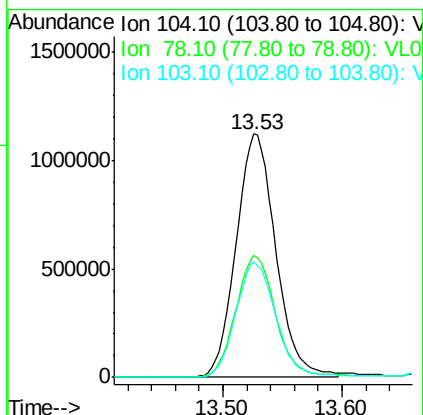
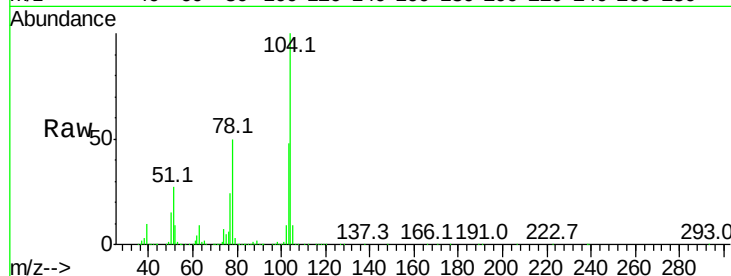




#61
Styrene
Concen: 8.725 ppbv
RT: 13.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

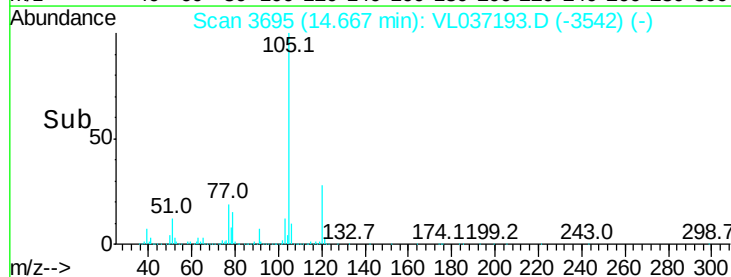
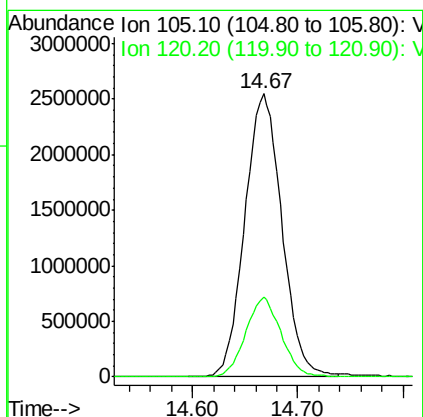
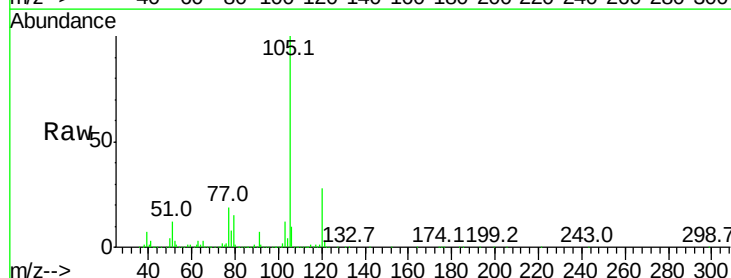
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

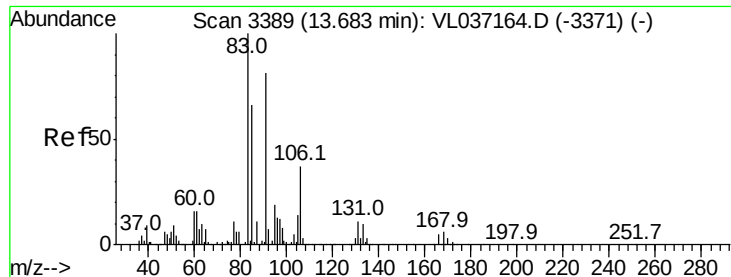
Tgt Ion:104 Resp: 2591595
Ion Ratio Lower Upper
104 100
78 50.8 39.7 59.5
103 48.3 37.6 56.4



#62
Isopropylbenzene
Concen: 7.630 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

Tgt Ion:105 Resp: 6243855
Ion Ratio Lower Upper
105 100
120 27.1 21.6 32.4





#63

1,1,2,2-Tetrachloroethane

Concen: 7.890 ppbv

RT: 13.67 min Scan# 3386

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

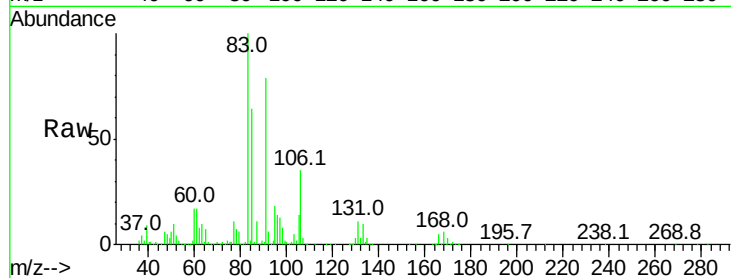
Tgt Ion: 83 Resp: 3023599

Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.4	16.2
85	66.8	33.1	99.2

83 100

131 11.0 5.4 16.2

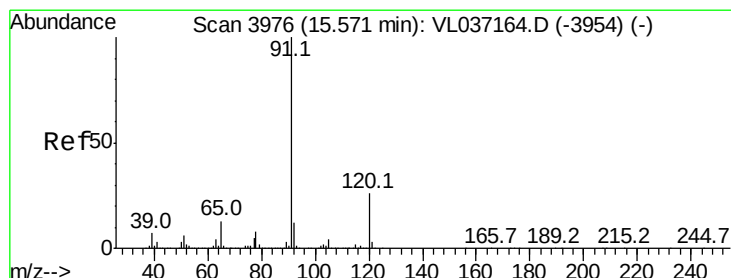
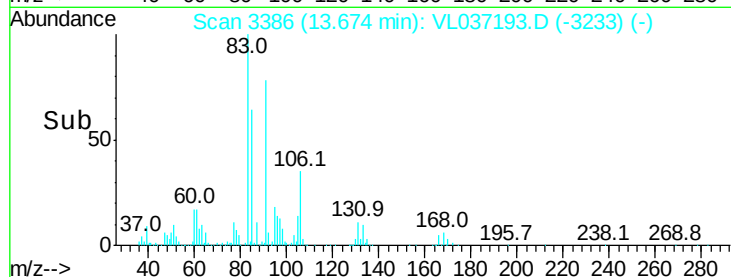
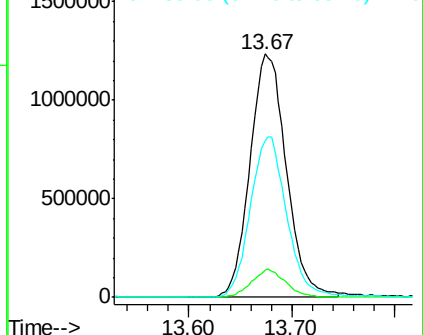
85 66.8 33.1 99.2



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.293 ppbv

RT: 15.56 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VL037193.D

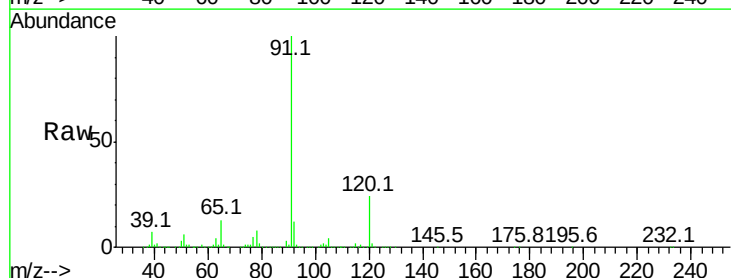
Acq: 17 Jun 2021 7:23

Tgt Ion: 120 Resp: 1699609

Ion	Ratio	Lower	Upper
120	100		
91	434.8	343.3	514.9

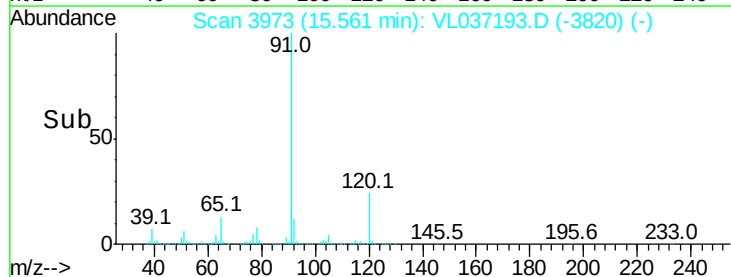
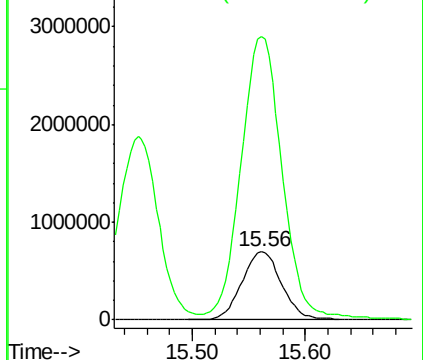
120 100

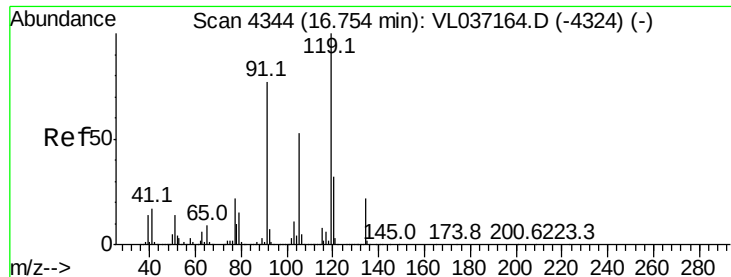
91 434.8 343.3 514.9



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

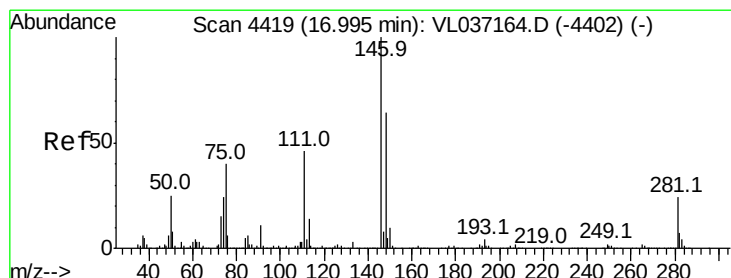
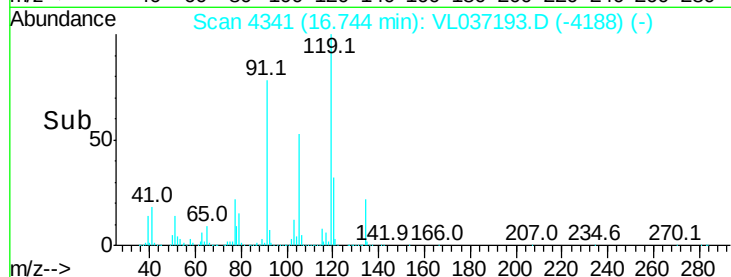
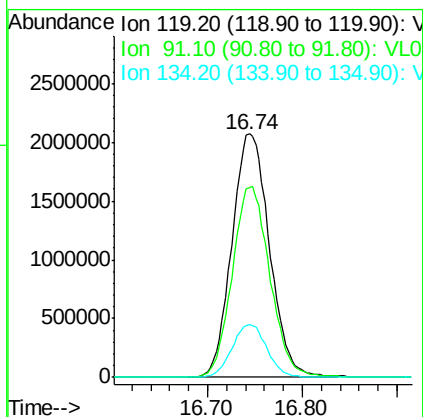
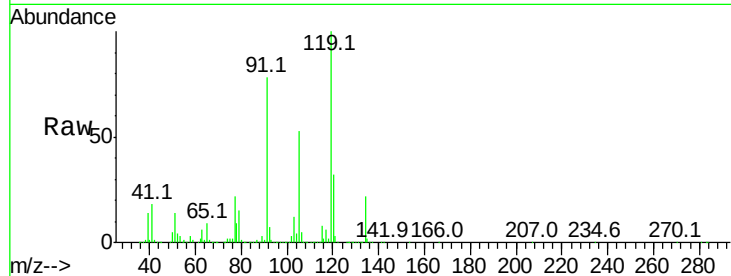




#65
 tert-Butylbenzene
 Concen: 7.867 ppbv
 RT: 16.74 min Scan# 4341
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

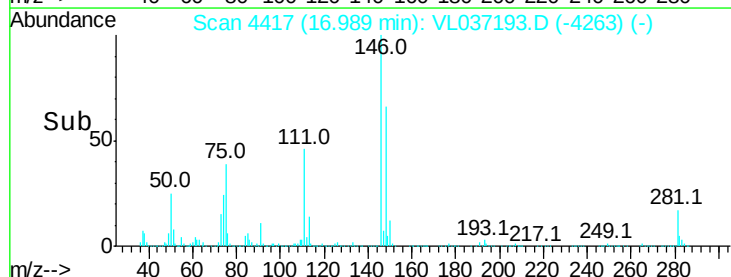
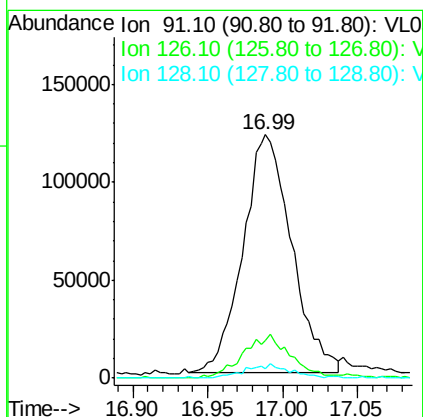
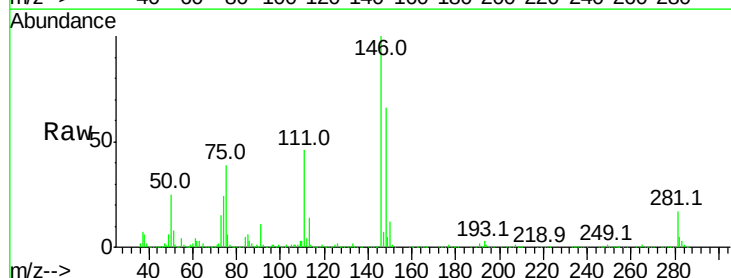
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

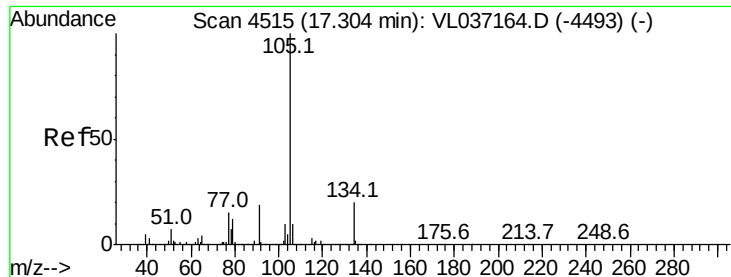
Tgt Ion: 119 Resp: 5709837
 Ion Ratio Lower Upper
 119 100
 91 78.7 62.6 93.8
 134 20.3 16.2 24.4



#66
 Benzyl Chloride
 Concen: 8.895 ppbv
 RT: 16.99 min Scan# 4417
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Tgt Ion: 91 Resp: 273579
 Ion Ratio Lower Upper
 91 100
 126 19.2 15.5 23.3
 128 5.8 5.7 8.5





#67

sec-Butylbenzene

Concen: 7.852 ppbv

RT: 17.29 min Scan# 4512

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Instrument :

MSVOA_L

ClientSampleId :

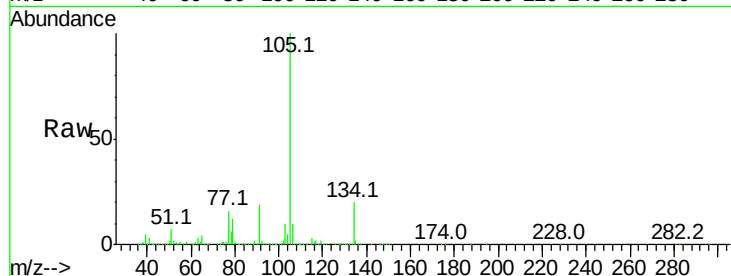
VSTDCCC010EC

Tgt Ion:105 Resp: 7600088

Ion Ratio Lower Upper

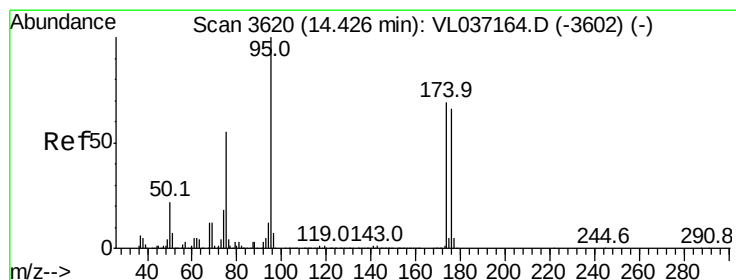
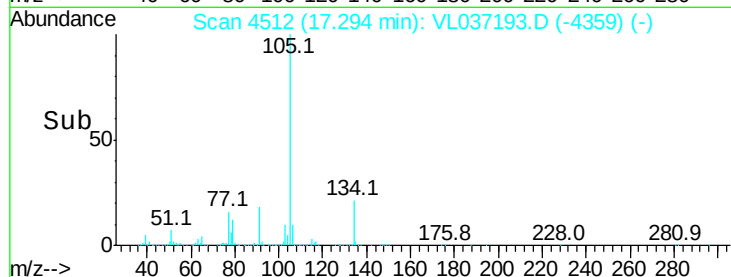
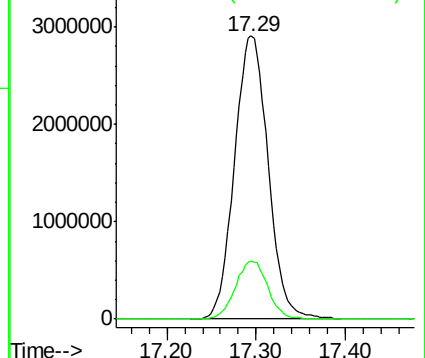
105 100

134 19.9 15.8 23.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.210 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

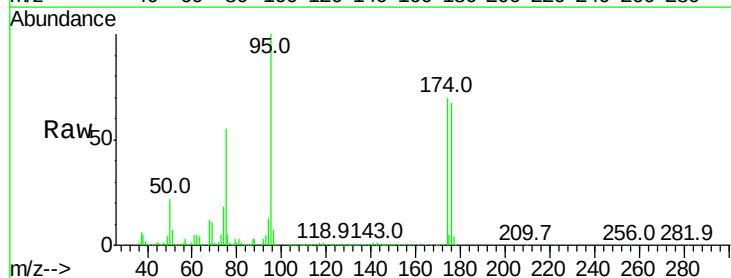
Tgt Ion: 95 Resp: 3223115

Ion Ratio Lower Upper

95 100

174 71.2 57.0 85.4

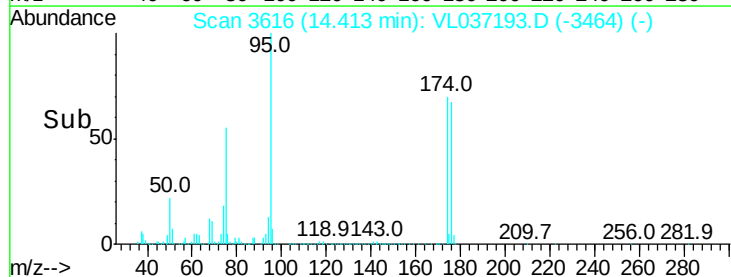
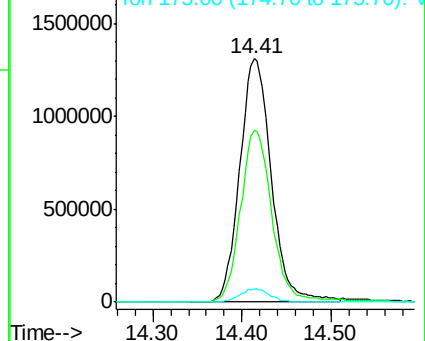
175 5.4 4.4 6.6

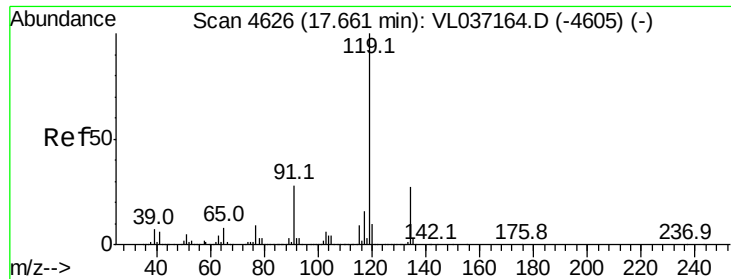


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

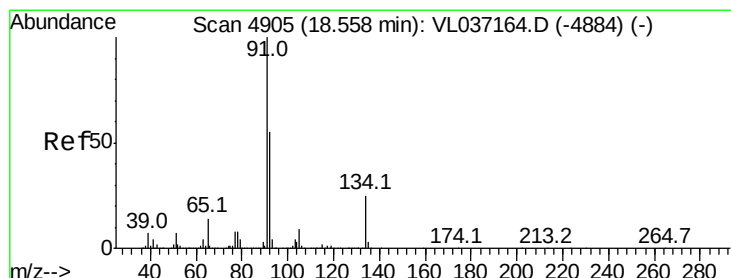
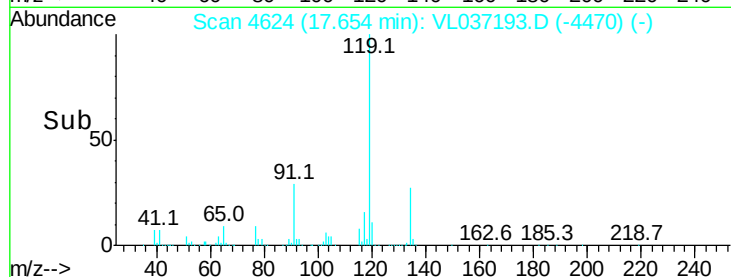
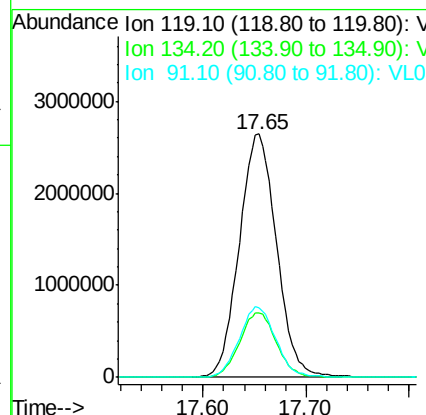
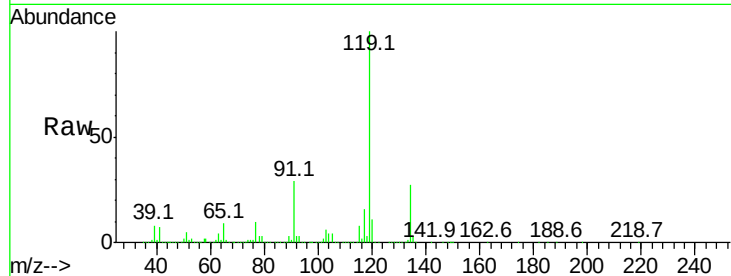




#69
 p-Isopropyltoluene
 Concen: 8.108 ppbv
 RT: 17.65 min Scan# 4624
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

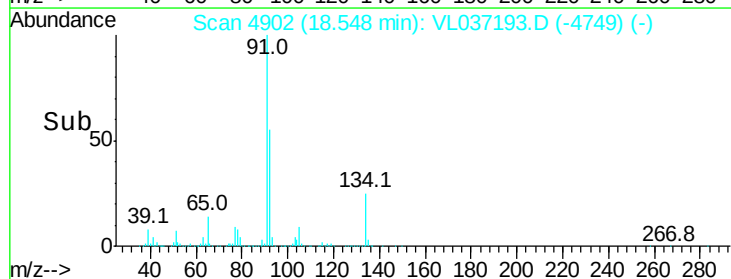
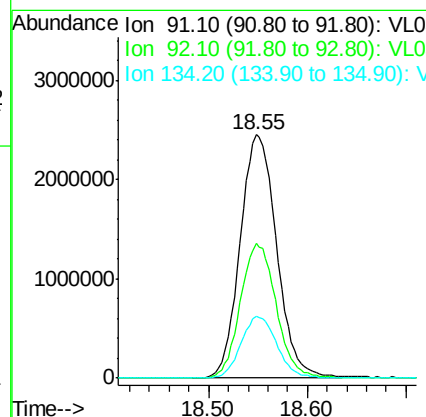
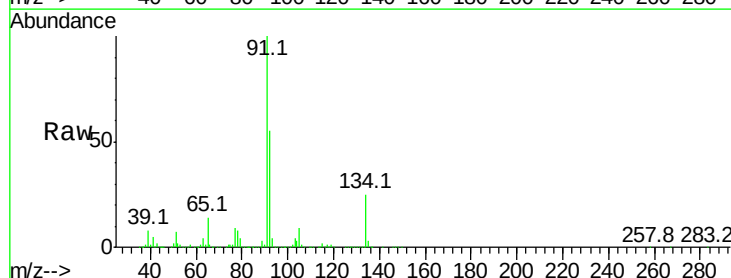
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

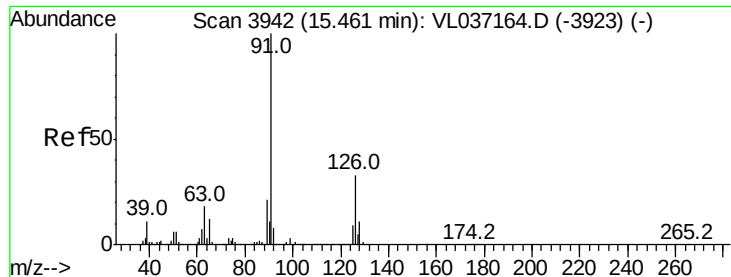
Tgt Ion: 119 Resp: 6628802
 Ion Ratio Lower Upper
 119 100
 134 26.3 20.9 31.3
 91 28.4 22.6 34.0



#70
 n-Butylbenzene
 Concen: 8.327 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Tgt Ion: 91 Resp: 6300524
 Ion Ratio Lower Upper
 91 100
 92 54.8 44.0 66.0
 134 25.1 20.2 30.4

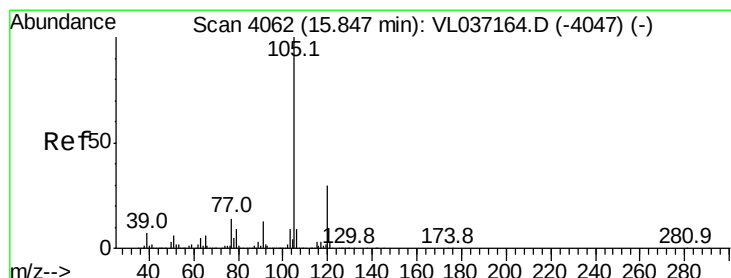
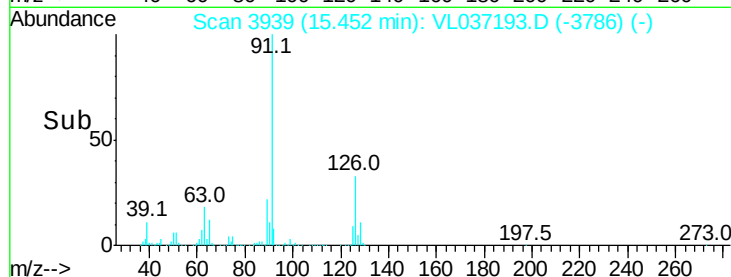
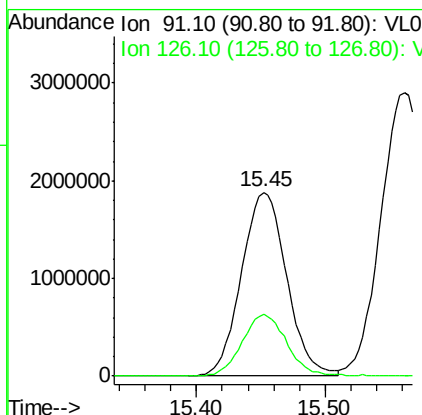
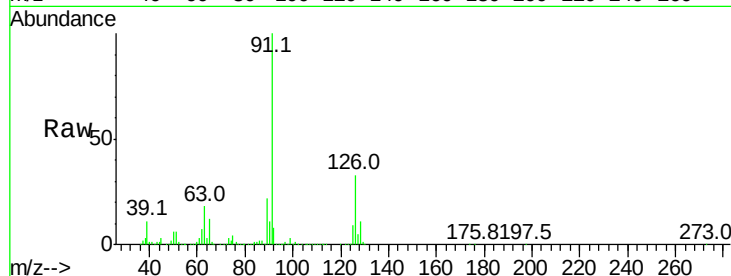




#71
2-Chlorotoluene
Concen: 8.022 ppbv
RT: 15.45 min Scan# 3939
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

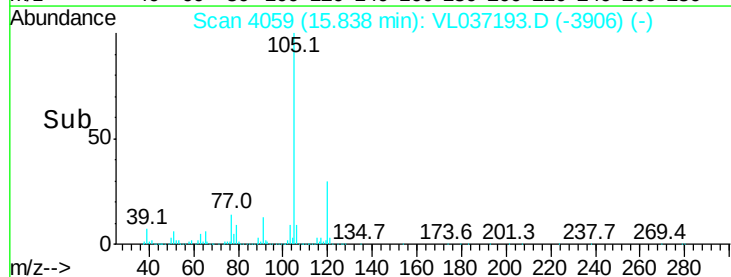
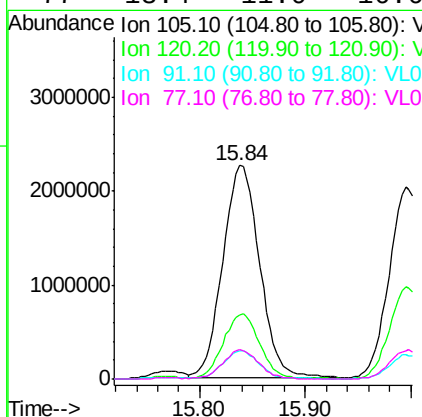
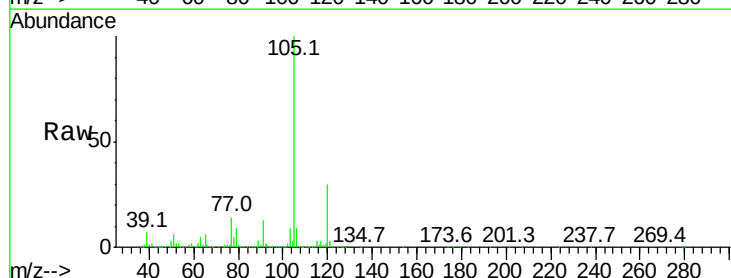
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

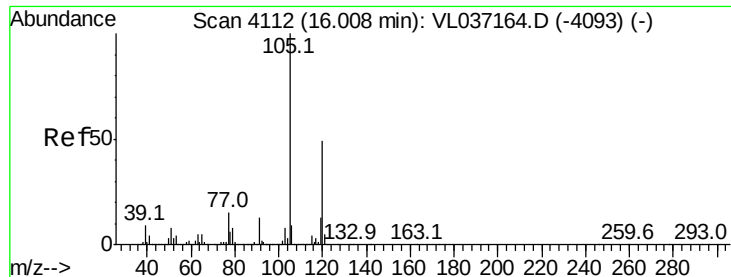
Tgt Ion: 91 Resp: 4590100
Ion Ratio Lower Upper
91 100
126 34.0 13.5 54.1



#72
4-Ethyltoluene
Concen: 8.386 ppbv
RT: 15.84 min Scan# 4059
Delta R.T. -0.01 min
Lab File: VL037193.D
Acq: 17 Jun 2021 7:23

Tgt Ion: 105 Resp: 5482571
Ion Ratio Lower Upper
105 100
120 30.8 24.7 37.1
91 13.0 10.2 15.4
77 13.4 11.0 16.6

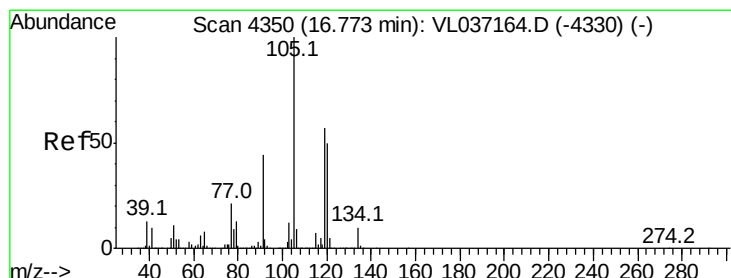
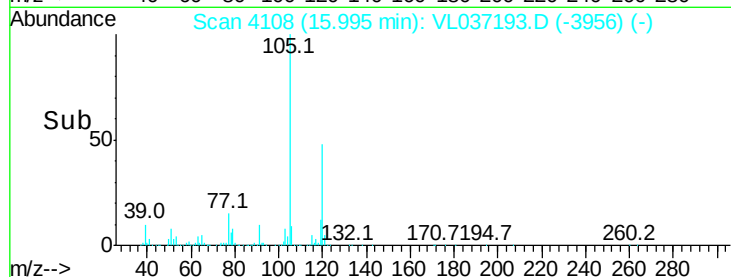
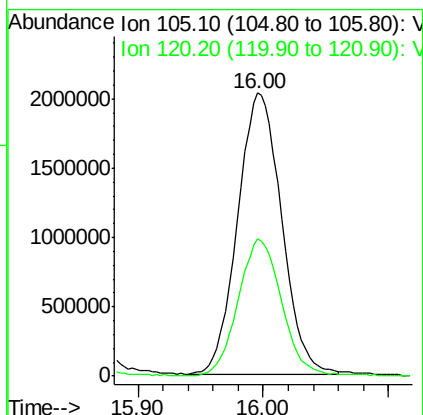
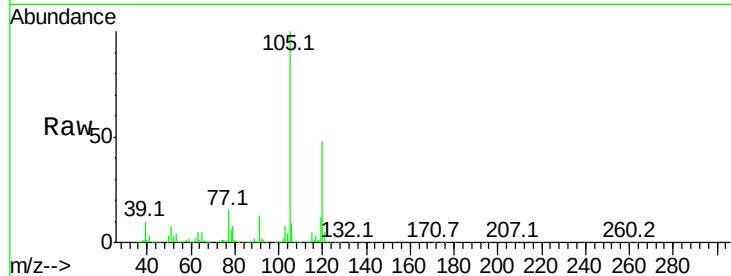




#73
 1,3,5-Trimethylbenzene
 Concen: 7.793 ppbv
 RT: 16.00 min Scan# 4108
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

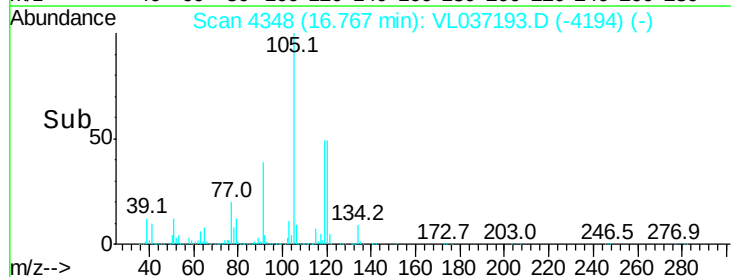
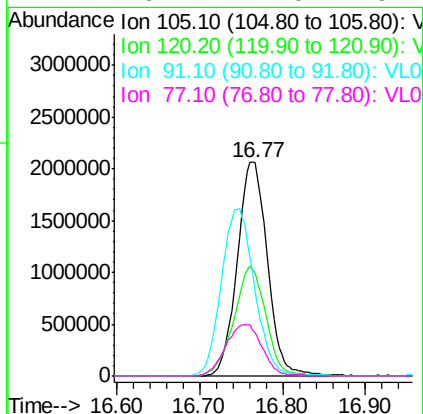
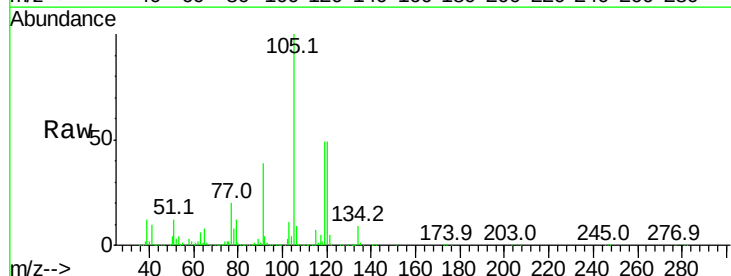
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

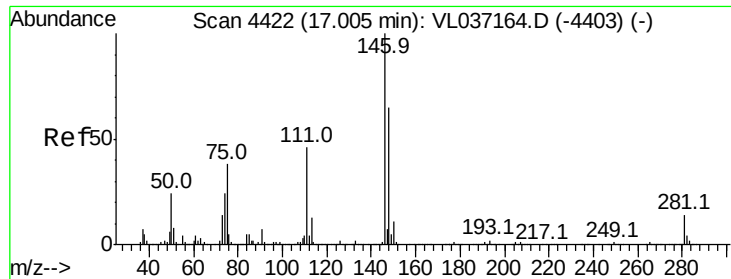
Tgt Ion:105 Resp: 4925297
 Ion Ratio Lower Upper
 105 100
 120 48.5 39.4 59.2



#74
 1,2,4-Trimethylbenzene
 Concen: 8.015 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Tgt Ion:105 Resp: 5219224
 Ion Ratio Lower Upper
 105 100
 120 48.5 39.8 59.8
 91 39.3 37.0 55.4
 77 20.1 17.0 25.4

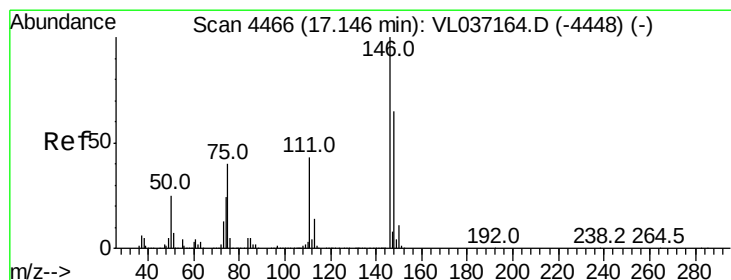
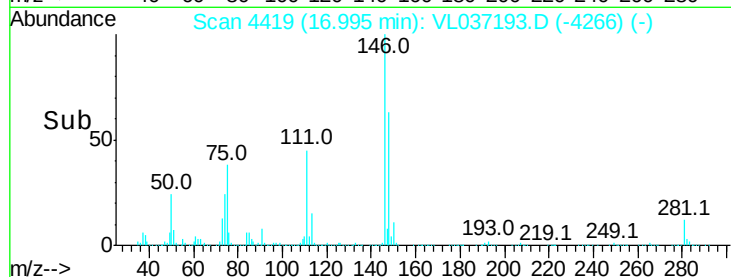
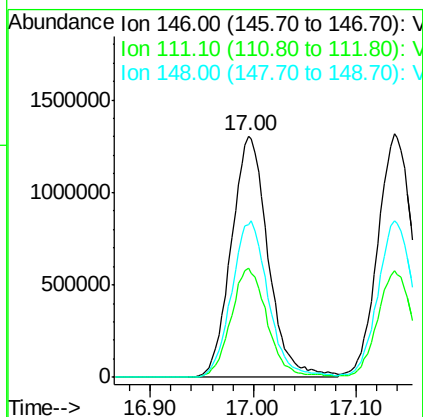
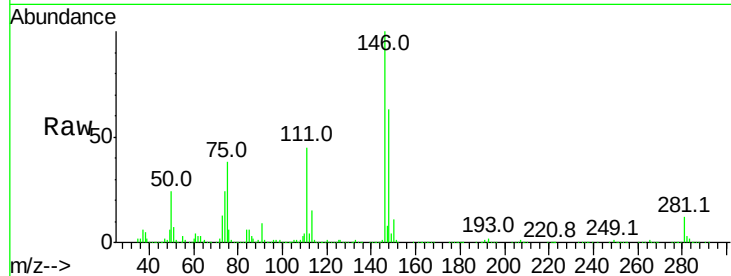




#75
 1,3-Dichlorobenzene
 Concen: 8.170 ppbv
 RT: 17.00 min Scan# 4419
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

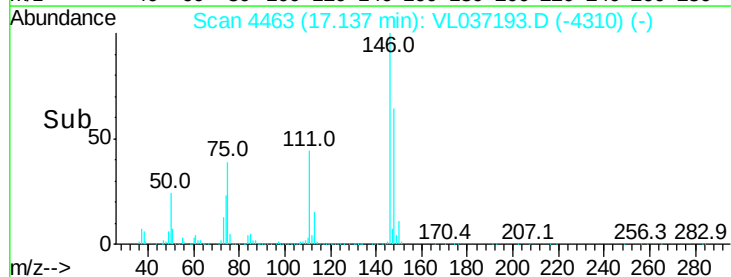
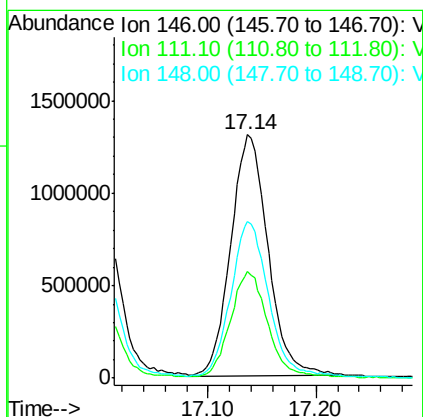
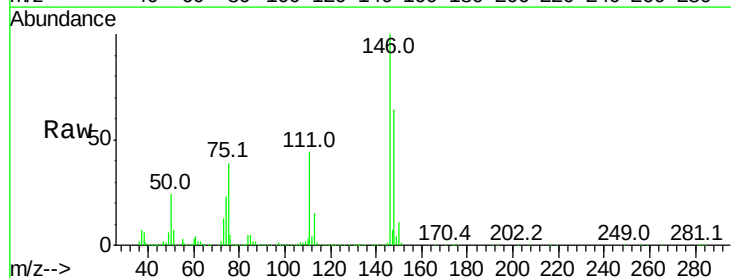
Instrument :
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 ClientSampleId :
 VSTDCCC010EC

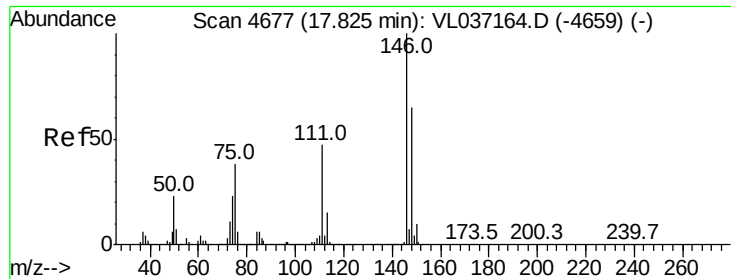
Tgt Ion:146 Resp: 3234744
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.2 66.6
 148 64.7 32.4 97.2



#76
 1,4-Dichlorobenzene
 Concen: 7.916 ppbv
 RT: 17.14 min Scan# 4463
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Tgt Ion:146 Resp: 3130592
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.7 68.0
 148 66.6 33.7 101.1

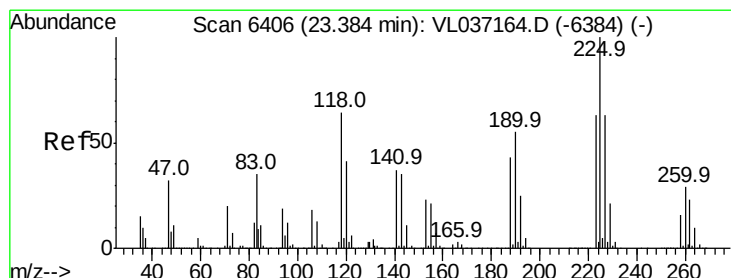
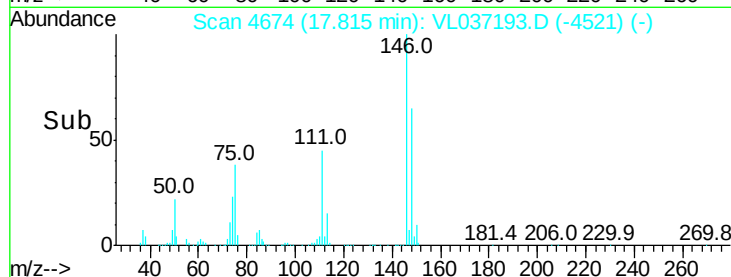
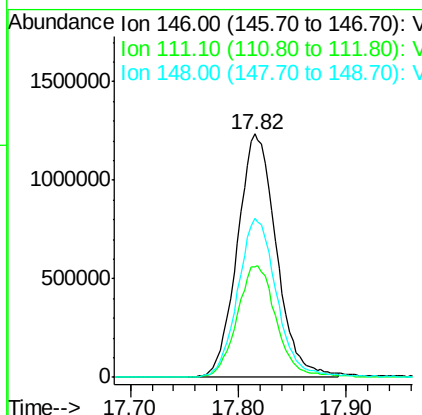
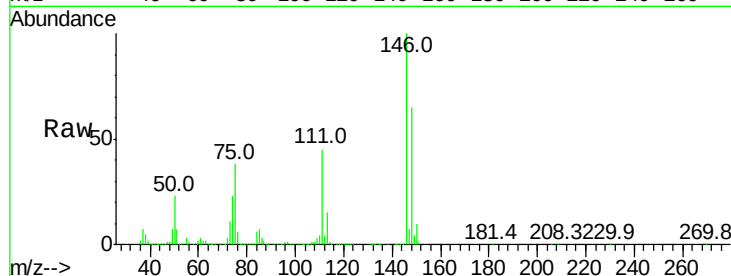




#77
 1,2-Dichlorobenzene
 Concen: 8.078 ppbv
 RT: 17.82 min Scan# 4674
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

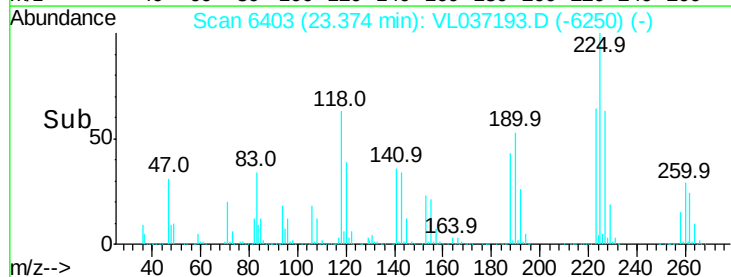
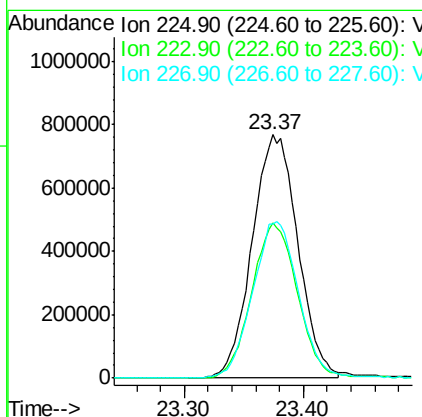
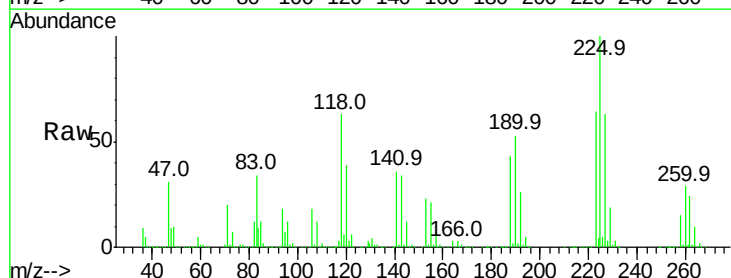
Instrument :
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 ClientSampleId :
 VSTDCCC010EC

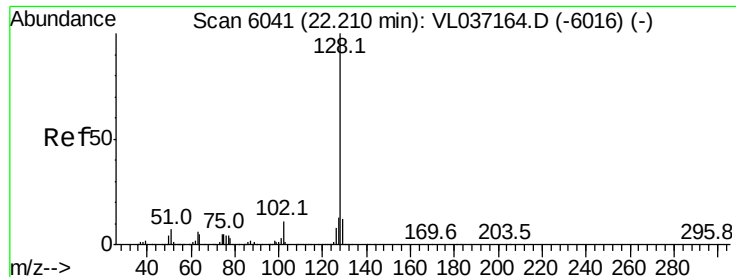
Tgt Ion:146 Resp: 3093773
 Ion Ratio Lower Upper
 146 100
 111 46.3 23.3 69.8
 148 65.2 32.4 97.0



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.189 ppbv
 RT: 23.37 min Scan# 6403
 Delta R.T. -0.01 min
 Lab File: VL037193.D
 Acq: 17 Jun 2021 7:23

Tgt Ion:225 Resp: 2038127
 Ion Ratio Lower Upper
 225 100
 223 64.2 51.8 77.8
 227 65.2 51.4 77.0





#79

Naphthalene

Concen: 7.548 ppbv

RT: 22.19 min Scan# 6036

Delta R.T. -0.02 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

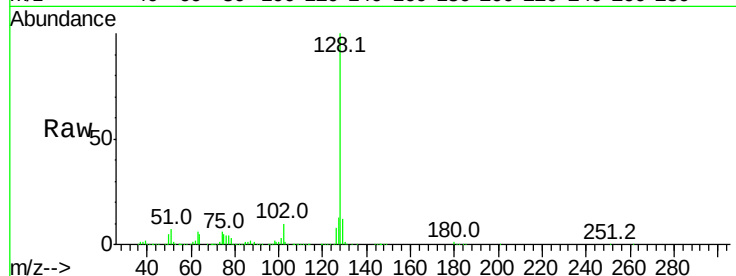
Tgt Ion:128 Resp: 4098053

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

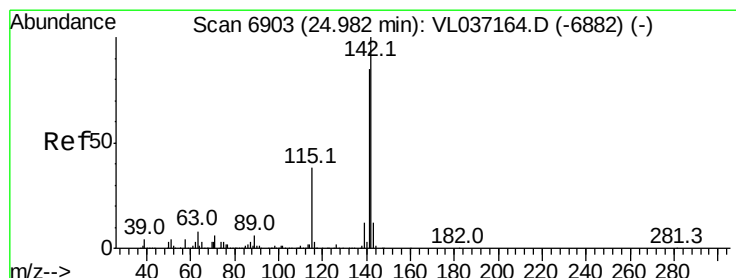
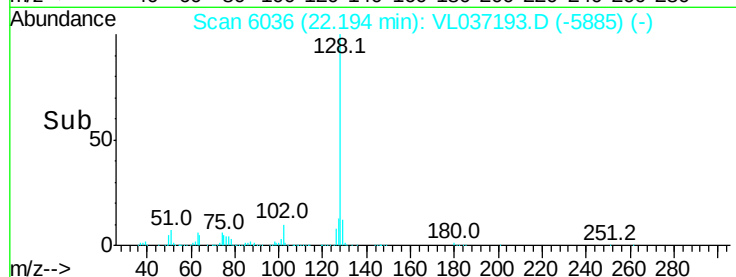
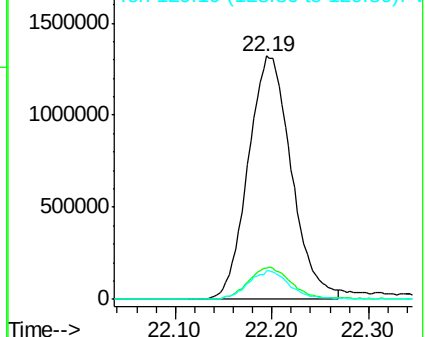
129 11.7 9.3 13.9



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: 8.312 ppbv

RT: 24.98 min Scan# 6901

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

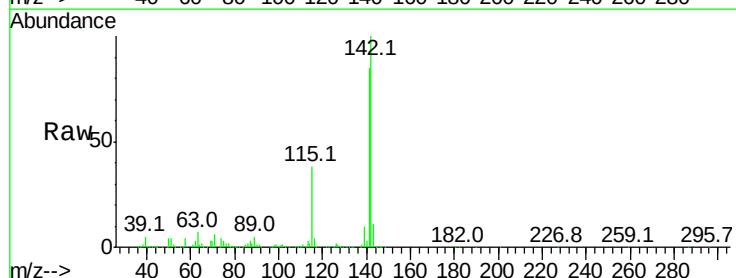
Tgt Ion:142 Resp: 1183604

Ion Ratio Lower Upper

142 100

141 84.2 63.7 95.5

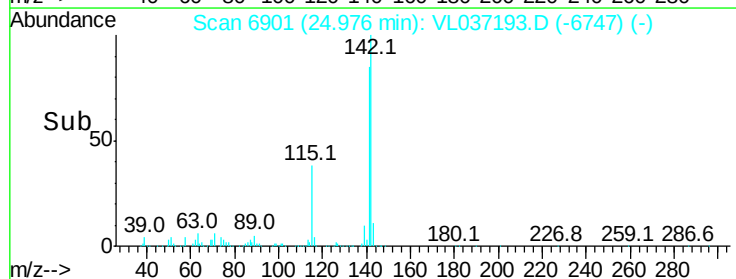
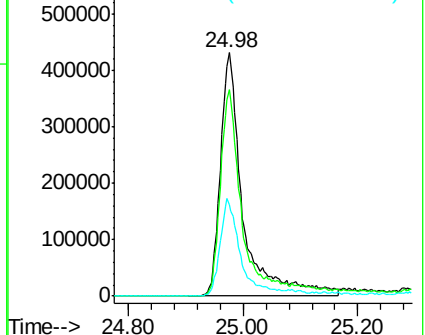
115 36.0 30.6 45.8

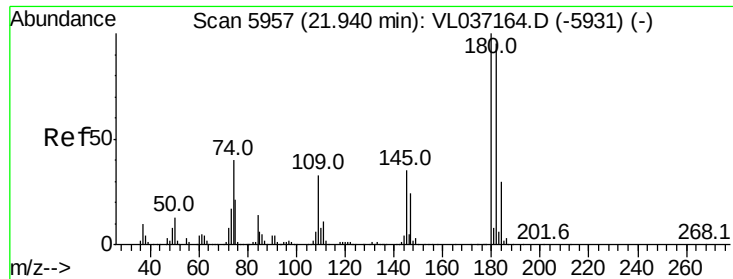


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81

1,2,4-Trichlorobenzene

Concen: 7.252 ppbv

RT: 21.93 min Scan# 5953

Delta R.T. -0.01 min

Lab File: VL037193.D

Acq: 17 Jun 2021 7:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

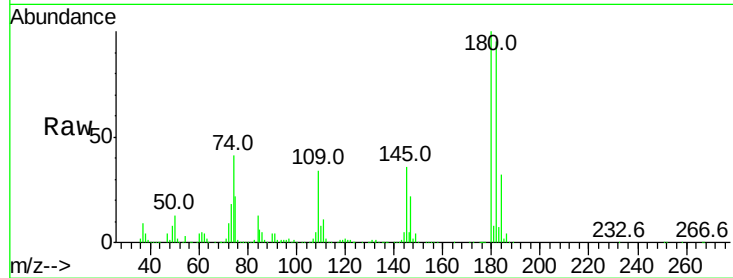
Tgt Ion:180 Resp: 2271985

Ion Ratio Lower Upper

180 100

182 96.8 79.3 118.9

184 31.7 24.7 37.1



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

