

Data File : VL037409.D

Acq On : 12 Aug 2021 10:28

Operator : SY/AP

Sample : VSTDCCC010

Misc : 400mL/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Quant Time: Aug 12 11:30:37 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081221AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 11 09:01:07 2021

QLast Update : Wed Aug 11 09:01:07 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1364745	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4159679	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4650352	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2735132	7.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	78.90%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.05	85	1687976	6.843	ppbv	98
3) Chlorodifluoromethane	2.99	51	2355601	9.283	ppbv	99
4) Chloromethane	3.14	50	847021	9.063	ppbv	97
5) Vinyl Chloride	3.26	62	896544	9.390	ppbv	97
6) Bromomethane	3.47	94	505099	9.651	ppbv	96
7) Chloroethane	3.56	64	324513	9.926	ppbv	94
8) Dichlorotetrafluoroethane	3.19	85	2106050	9.786	ppbv	98
9) Propene	3.01	41	809781	9.373	ppbv	97
10) Heptane	8.12	43	2082864	10.193	ppbv	100
11) Trichlorofluoromethane	3.95	101	2018581	9.733	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1502877	10.182	ppbv	95
13) Ethanol	3.62	45	25674	2.462	ppbv #	1
14) Bromoethene	3.74	108	678403	10.049	ppbv	99
15) Acetone	3.85	43	1122038	8.629	ppbv	99
16) 1,3-Butadiene	3.32	39	887424	9.715	ppbv	99
17) tert-Butyl alcohol	4.29	59	1331408	11.445	ppbv	99
18) 1,1-Dichloroethene	4.29	96	672948	10.062	ppbv	96
19) Isopropyl Alcohol	3.96	45	775638	10.361	ppbv #	33
20) Methylene Chloride	4.34	84	613851	8.694	ppbv	97
21) Allyl Chloride	4.41	41	1041971	10.216	ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	650176	10.287	ppbv	98
23) Vinyl Acetate	5.07	43	2123443	10.161	ppbv #	98
24) 1,1-Dichloroethane	5.01	63	1584143	9.638	ppbv	98
25) Ethyl Acetate	5.67	43	3241124	9.736	ppbv	100
26) Hexane	5.68	57	1584139	9.397	ppbv	97
27) Carbon Disulfide	4.55	76	1602806	11.344	ppbv	98
28) Methyl tert-Butyl Ether	5.03	73	1803584	10.018	ppbv	100
29) Chloroform	5.75	83	2336415	9.665	ppbv	99
30) Cyclohexane	7.13	84	1342930	9.623	ppbv	100
31) cis-1,2-Dichloroethene	5.55	61	1502427	9.946	ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	2260134	9.643	ppbv	100
34) 2-Butanone	5.24	43	1387922	8.782	ppbv	100
35) Carbon Tetrachloride	7.02	117	2377255	10.248	ppbv	98
36) Benzene	6.89	78	3226875	9.775	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1684995	9.979	ppbv	99
38) Trichloroethene	7.83	130	1300685	9.254	ppbv	96
39) 1,2-Dichloropropane	7.61	63	1232409	10.212	ppbv	99
40) 1,4-Dioxane	7.83	88	282513	8.786	ppbv #	100
41) Tetrahydrofuran	6.04	42	726327	9.776	ppbv	99
42) Bromodichloromethane	7.79	83	2463770	10.322	ppbv	98
43) Methyl Methacrylate	8.01	69	1193716	10.391	ppbv	99

Data File : VL037409.D

Acq On : 12 Aug 2021 10:28

Operator : SY/AP

Sample : VSTDCCC010

Misc : 400mL/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Quant Time: Aug 12 11:30:37 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081221AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 11 09:01:07 2021

QLast Update : Wed Aug 11 09:01:07 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5384537	9.779	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	1023593	11.868	ppbv	100
46) cis-1,3-Dichloropropene	8.70	75	1331594	11.413	ppbv	99
47) 1,1,2-Trichloroethane	9.47	97	1328488	9.768	ppbv	99
48) Dibromochloromethane	10.30	129	2181840	10.878	ppbv	99
49) Bromoform	13.04	173	1744463	11.069	ppbv	95
50) 4-Methyl-2-Pentanone	8.74	43	2088335	10.114	ppbv	99
51) 2-Hexanone	10.13	43	1007707	11.012	ppbv #	97
52) Tetrachloroethene	11.22	164	1212681	9.013	ppbv	97
53) Toluene	9.80	91	3816488	9.969	ppbv	98
54) 1,2-Dibromoethane	10.61	107	1906533	9.904	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.12	131	1472380	8.191	ppbv #	59
57) Chlorobenzene	12.14	112	2752378	7.669	ppbv	96
58) Ethyl Benzene	12.70	91	4989123	8.037	ppbv	100
59) m/p-Xylene	12.99	91	198567	0.372	ppbv #	1
60) o-Xylene	13.69	91	3815197	7.700	ppbv	97
61) Styrene	13.52	104	2186963	8.521	ppbv	99
62) Isopropylbenzene	14.66	105	5341270	7.653	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	2745979	7.329	ppbv	98
64) n-propylbenzene	15.55	120	1401373	7.912	ppbv	99
65) tert-Butylbenzene	16.73	119	4889706	7.767	ppbv	99
66) Benzyl Chloride	16.98	91	137254	5.143	ppbv #	62
67) sec-Butylbenzene	17.28	105	6728244	7.775	ppbv	98
69) p-Isopropyltoluene	17.64	119	5703849	8.161	ppbv	100
70) n-Butylbenzene	18.54	91	5493591	8.366	ppbv	99
71) 2-Chlorotoluene	15.45	91	3999140	7.849	ppbv	99
72) 4-Ethyltoluene	15.83	105	4606111	7.949	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	4236494	7.882	ppbv	97
74) 1,2,4-Trimethylbenzene	16.76	105	4458662	8.169	ppbv	98
75) 1,3-Dichlorobenzene	16.99	146	2702726	8.149	ppbv	100
76) 1,4-Dichlorobenzene	17.13	146	2576858	7.912	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	2562640	8.017	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1883748	7.350	ppbv	99
79) Naphthalene	22.18	128	3208575	10.791	ppbv	98
80) Naphthalene,2-methyl-	24.96	142	871184	14.903	ppbv	94
81) 1,2,4-Trichlorobenzene	21.91	180	1973170	9.677	ppbv	100

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

Data File : VL037409.D

Acq On : 12 Aug 2021 10:28

Operator : SY/AP

Sample : VSTDCCC010

Misc : 400mL/MSVOA_L

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

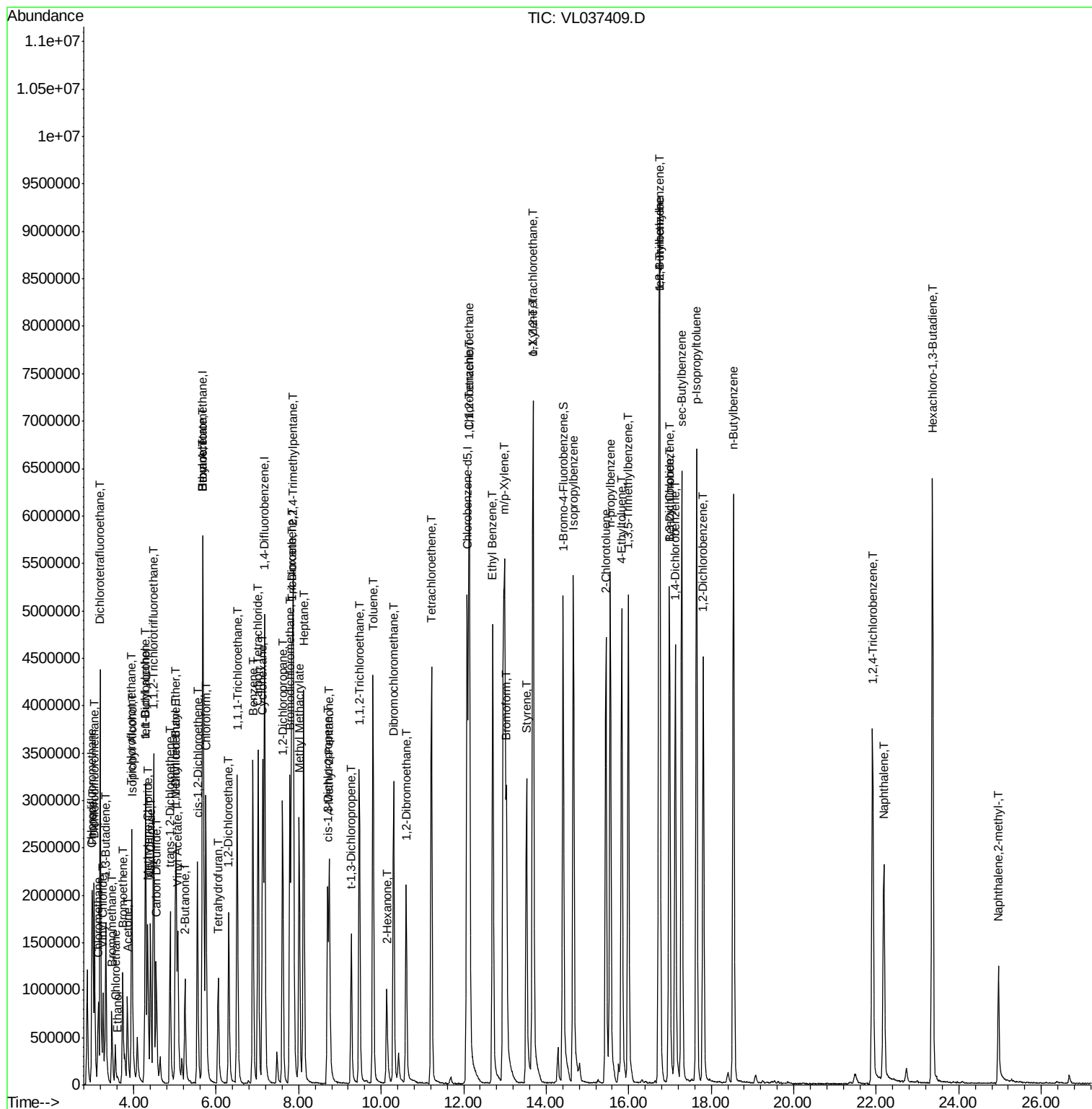
Quant Time: Aug 12 11:30:37 2021

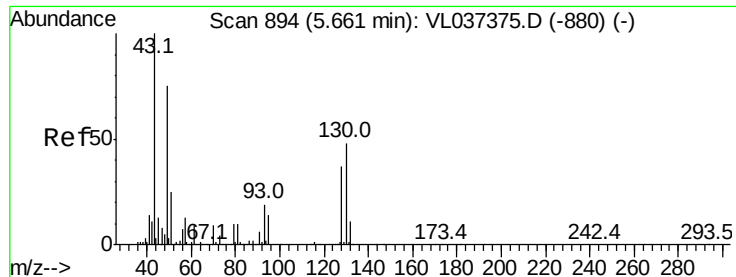
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_L\METHODS\VL081221AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Aug 11 09:01:07 2021

QLast Update : Wed Aug 11 09:01:07 2021

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

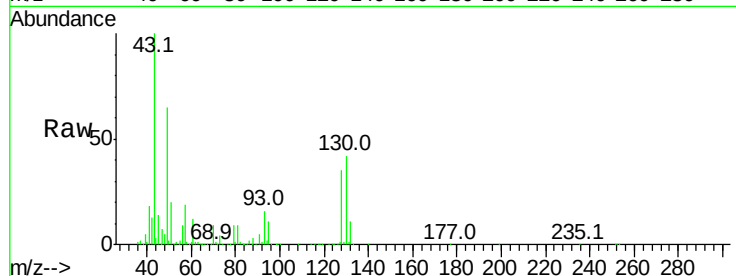
Tgt Ion: 49 Resp: 1364745

Ion Ratio Lower Upper

49 100

128 55.7 28.1 84.4

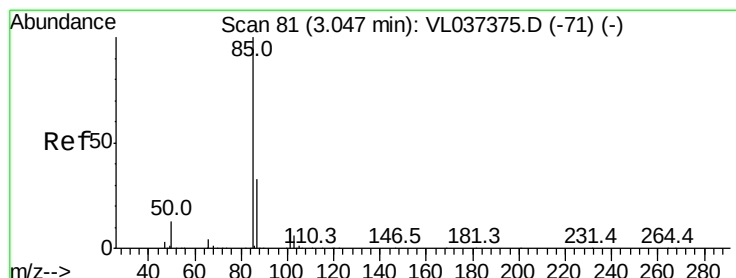
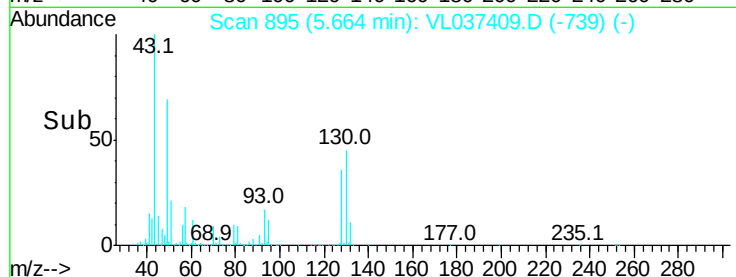
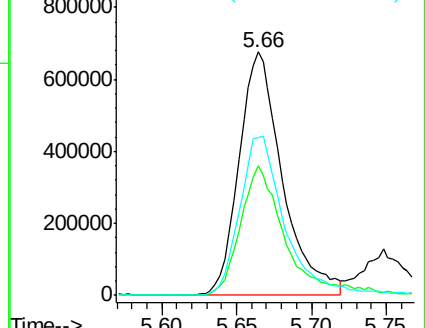
130 69.2 34.3 102.8



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: 6.843 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL037409.D

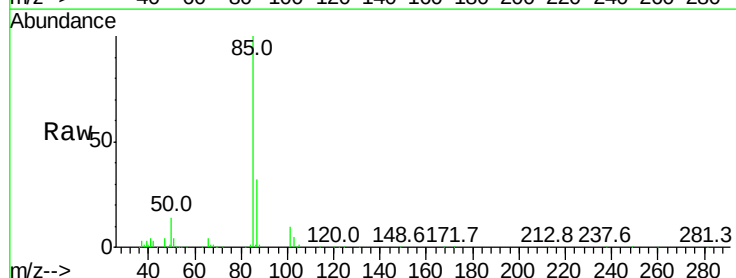
Acq: 12 Aug 2021 10:28

Tgt Ion: 85 Resp: 1687976

Ion Ratio Lower Upper

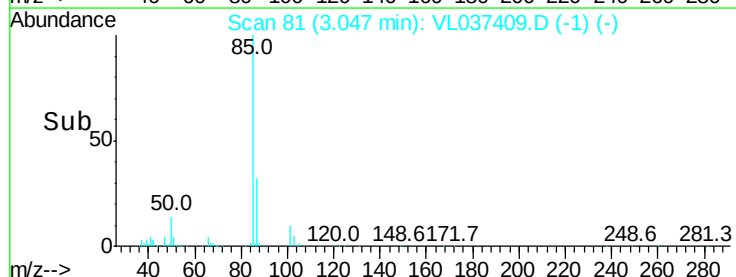
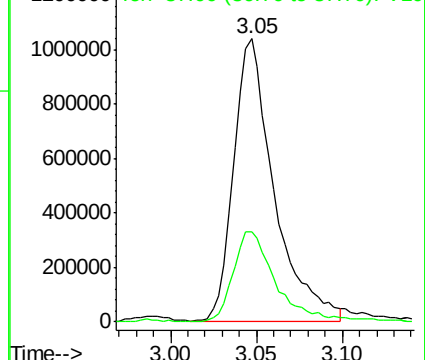
85 100

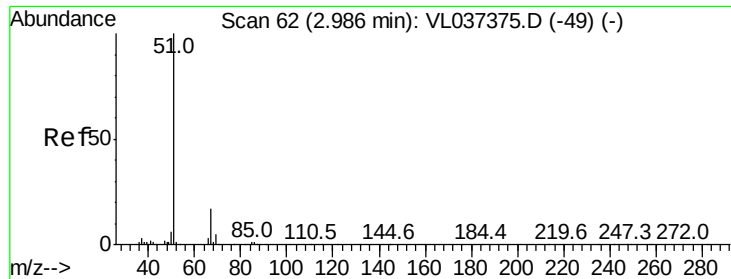
87 32.1 26.6 39.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.283 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

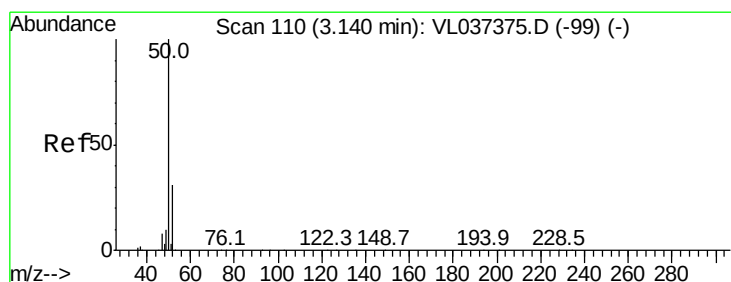
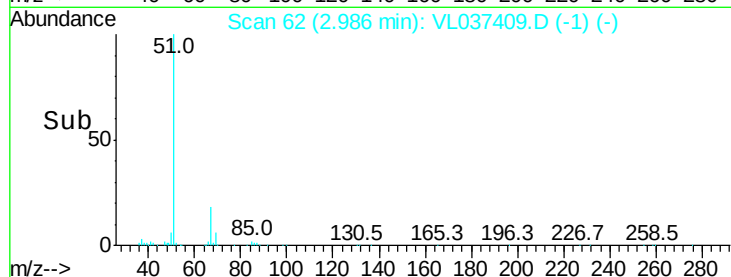
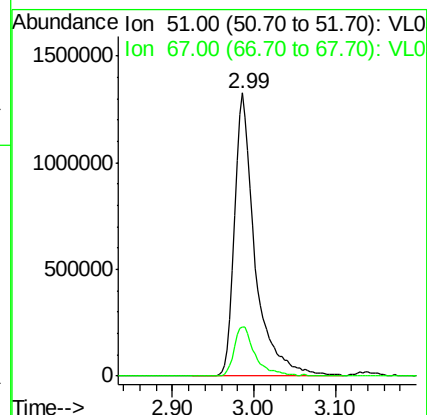
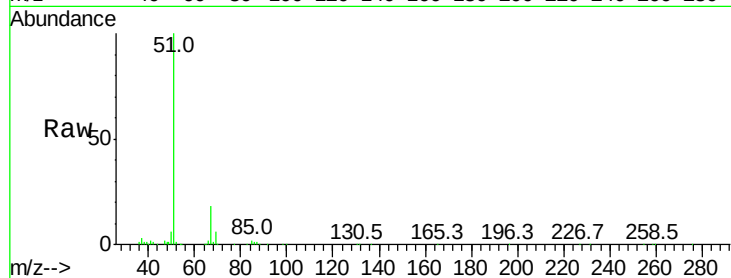
VSTDICCC010

Tgt Ion: 51 Resp: 2355601

Ion Ratio Lower Upper

51 100

67 18.4 14.3 21.5



#4

Chloromethane

Concen: 9.063 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL037409.D

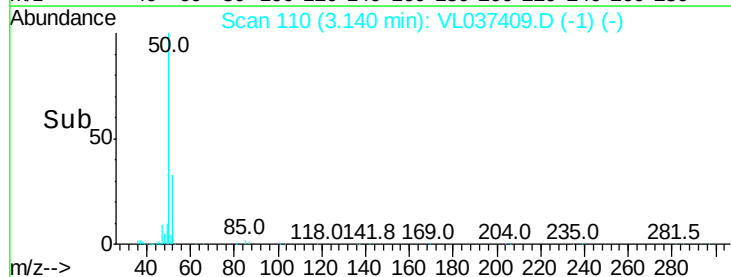
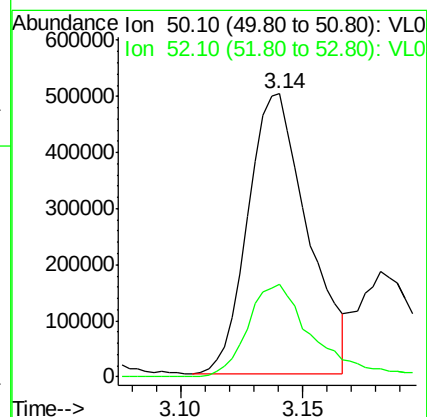
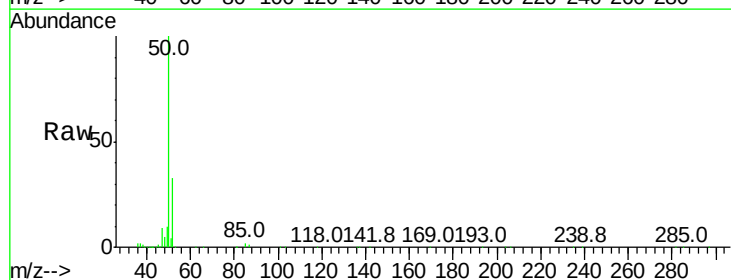
Acq: 12 Aug 2021 10:28

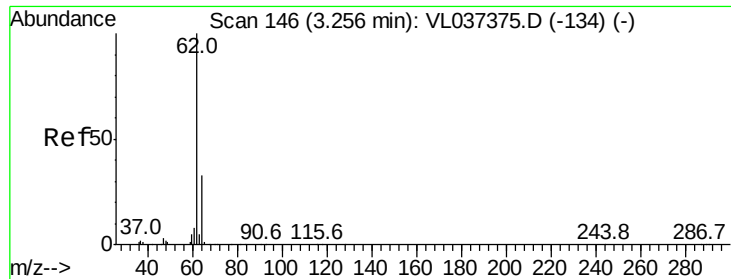
Tgt Ion: 50 Resp: 847021

Ion Ratio Lower Upper

50 100

52 32.8 25.0 37.4





#5

Vinyl Chloride

Concen: 9.390 ppbv

RT: 3.26 min Scan# 146

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

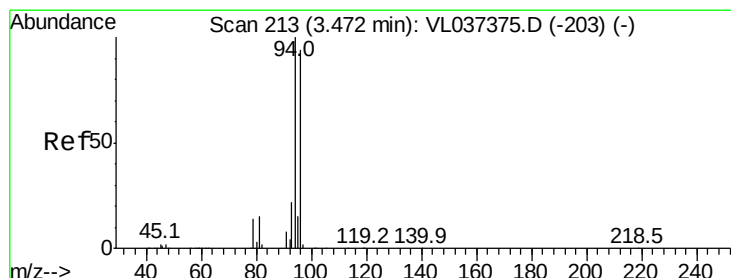
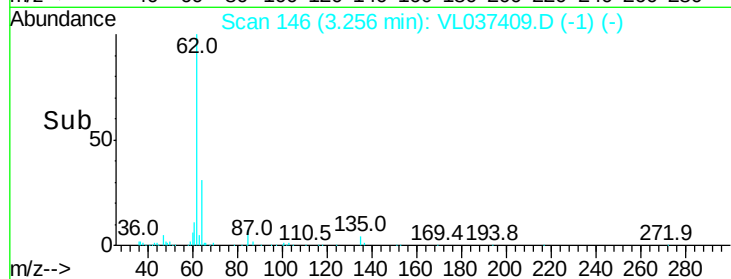
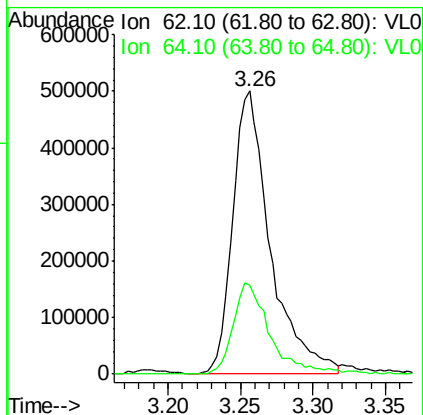
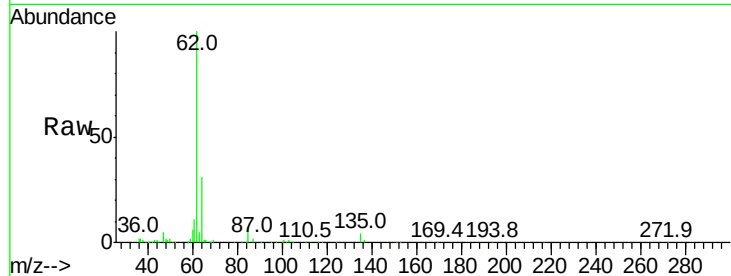
VSTDICCC010

Tgt Ion: 62 Resp: 896544

Ion Ratio Lower Upper

62 100

64 31.3 26.2 39.4



#6

Bromomethane

Concen: 9.651 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.00 min

Lab File: VL037409.D

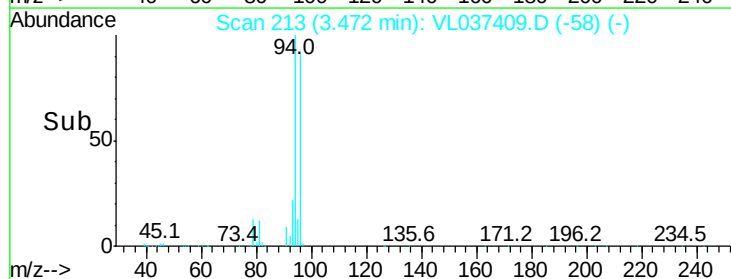
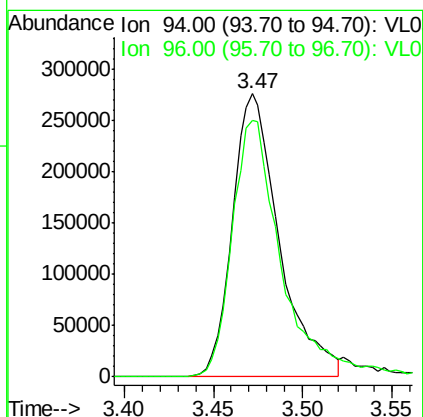
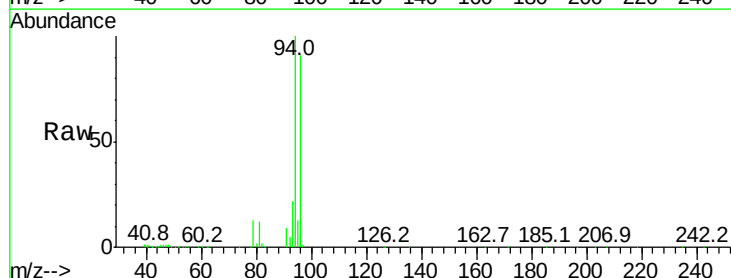
Acq: 12 Aug 2021 10:28

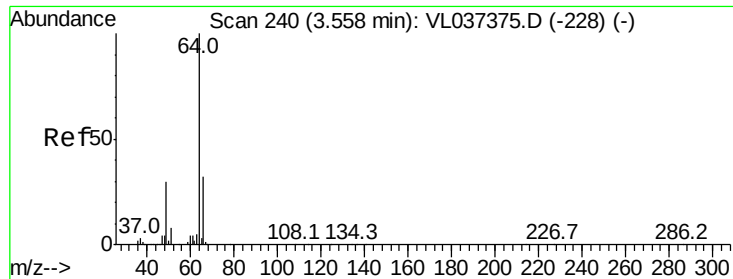
Tgt Ion: 94 Resp: 505099

Ion Ratio Lower Upper

94 100

96 90.3 75.0 112.6





#7

Chloroethane

Concen: 9.926 ppbv

RT: 3.56 min Scan# 239

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

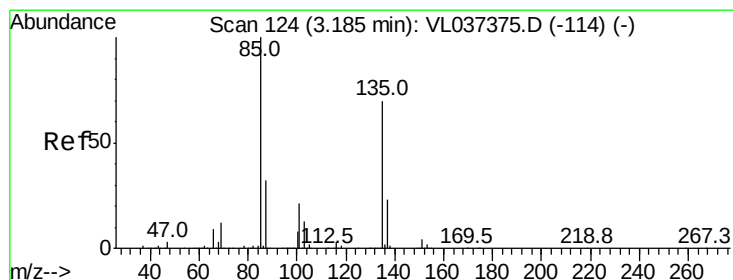
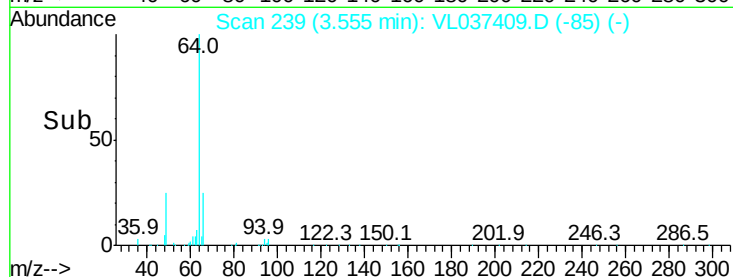
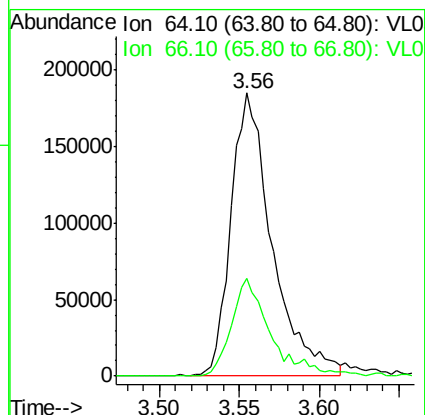
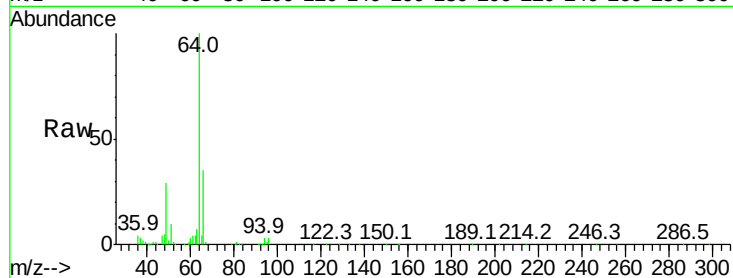
VSTDICCC010

Tgt Ion: 64 Resp: 324513

Ion Ratio Lower Upper

64 100

66 34.8 25.4 38.0



#8

Dichlorotetrafluoroethane

Concen: 9.786 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.00 min

Lab File: VL037409.D

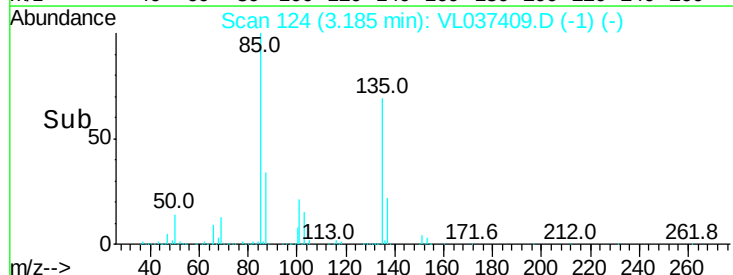
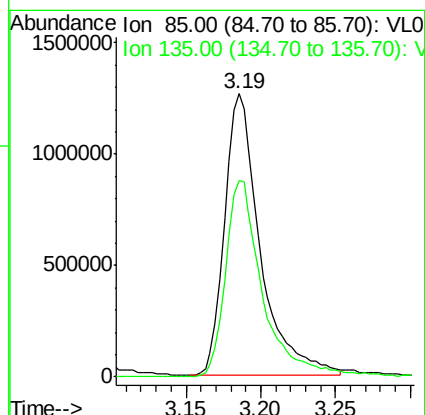
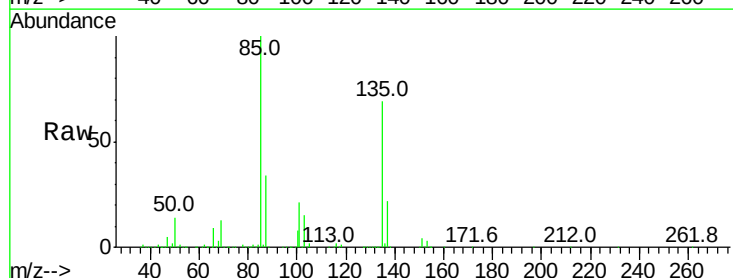
Acq: 12 Aug 2021 10:28

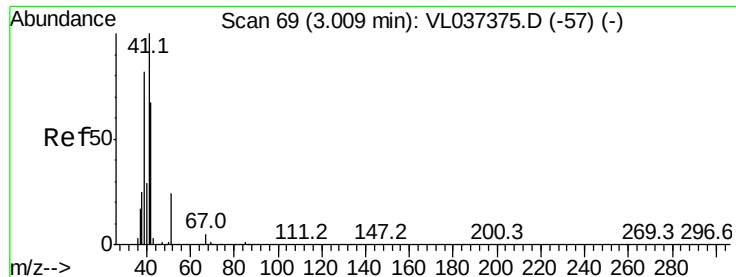
Tgt Ion: 85 Resp: 2106050

Ion Ratio Lower Upper

85 100

135 73.3 59.8 89.6





#9

Propene

Concen: 9.373 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

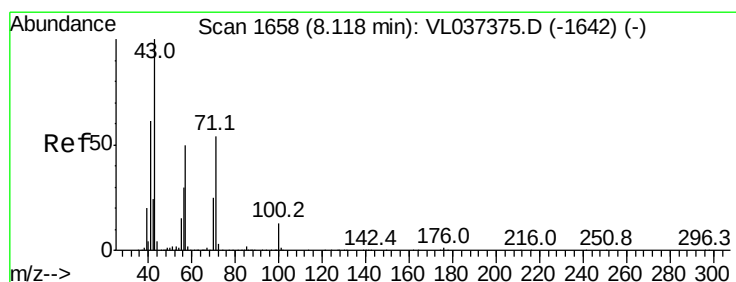
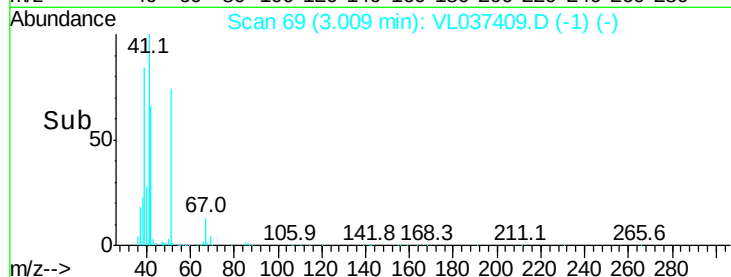
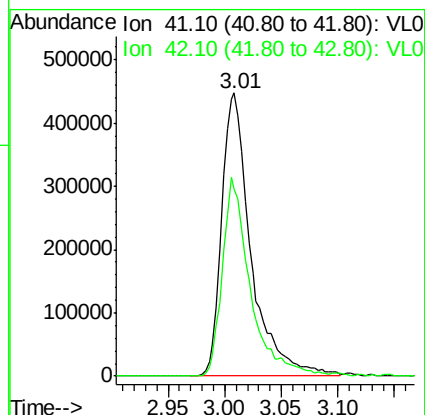
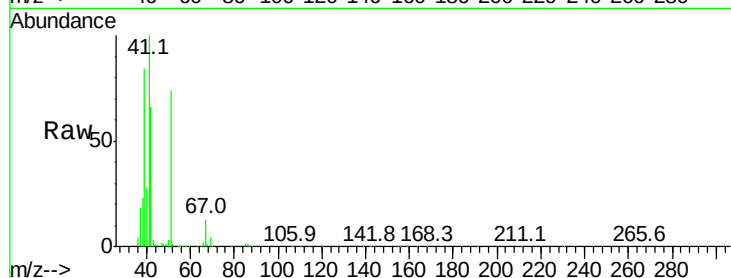
VSTDICCC010

Tgt Ion: 41 Resp: 809781

Ion Ratio Lower Upper

41 100

42 67.3 55.5 83.3



#10

Heptane

Concen: 10.193 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VL037409.D

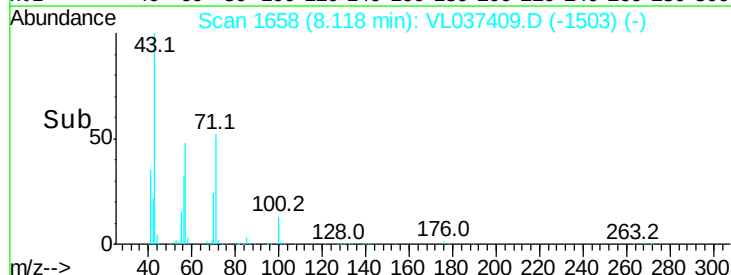
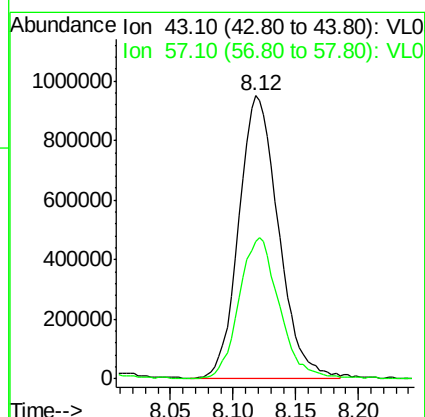
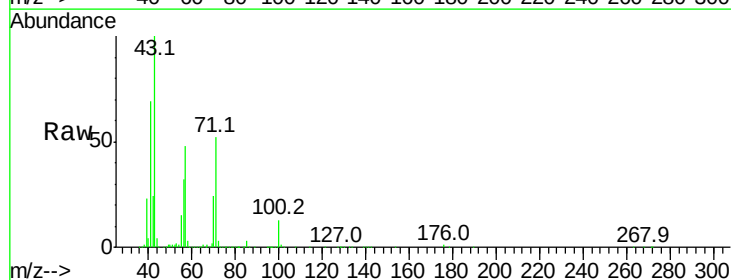
Acq: 12 Aug 2021 10:28

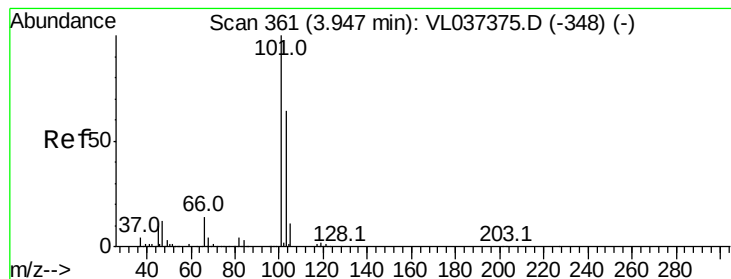
Tgt Ion: 43 Resp: 2082864

Ion Ratio Lower Upper

43 100

57 50.4 40.2 60.2





#11

Trichlorofluoromethane

Concen: 9.733 ppbv

RT: 3.95 min Scan# 361

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

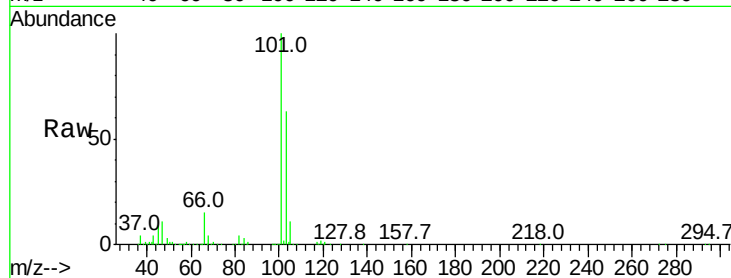
VSTDICCC010

Tgt Ion:101 Resp: 2018581

Ion Ratio Lower Upper

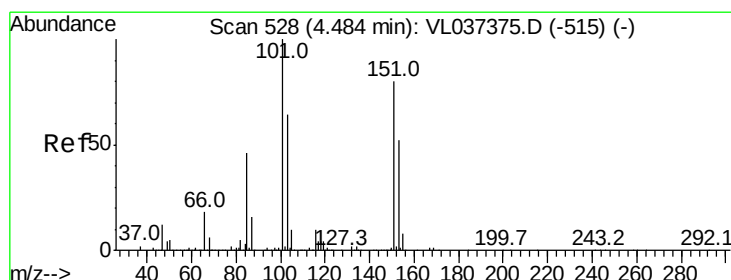
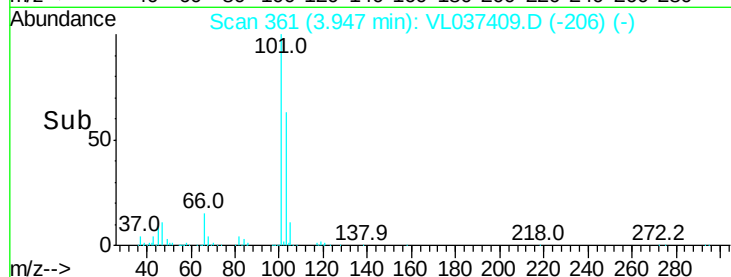
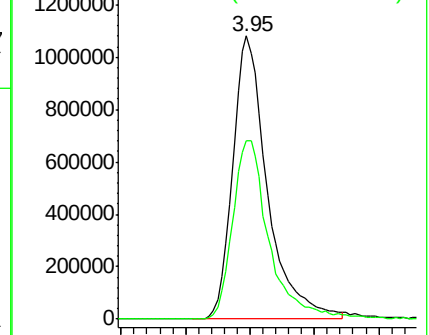
101 100

103 62.8 51.2 76.8



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: 10.182 ppbv

RT: 4.48 min Scan# 528

Delta R.T. -0.00 min

Lab File: VL037409.D

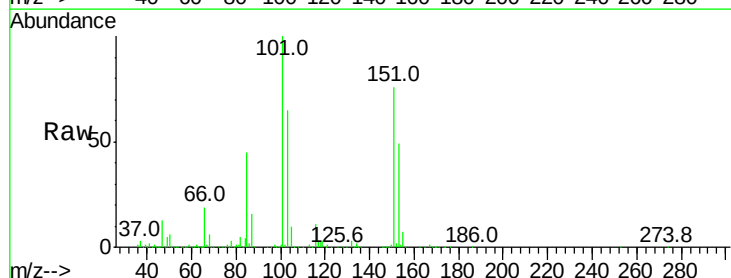
Acq: 12 Aug 2021 10:28

Tgt Ion:101 Resp: 1502877

Ion Ratio Lower Upper

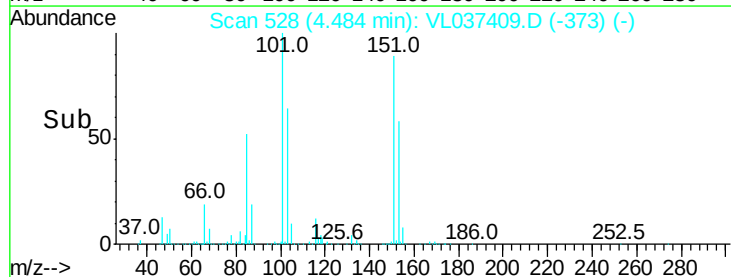
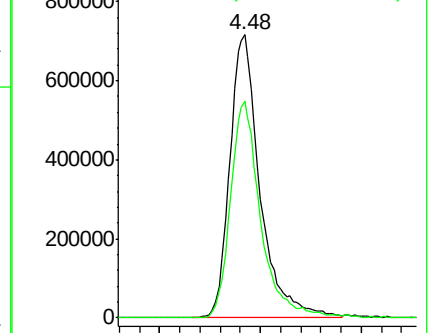
101 100

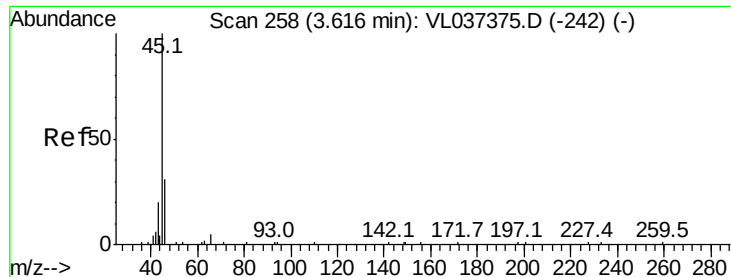
151 76.5 64.9 97.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 2.462 ppbv

RT: 3.62 min Scan# 260

Delta R.T. 0.01 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

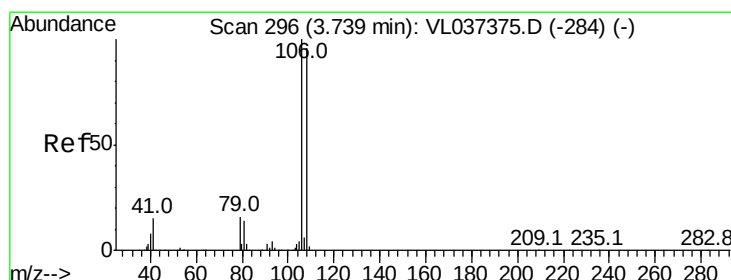
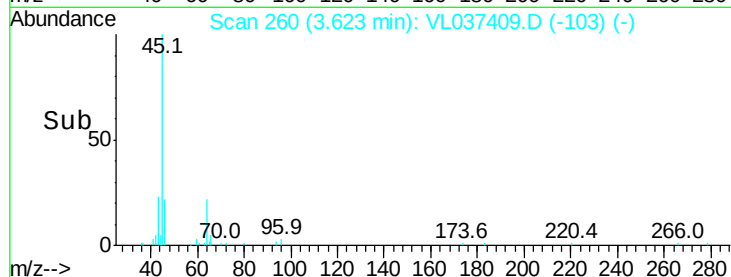
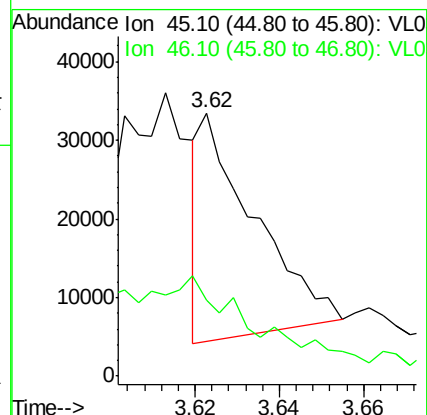
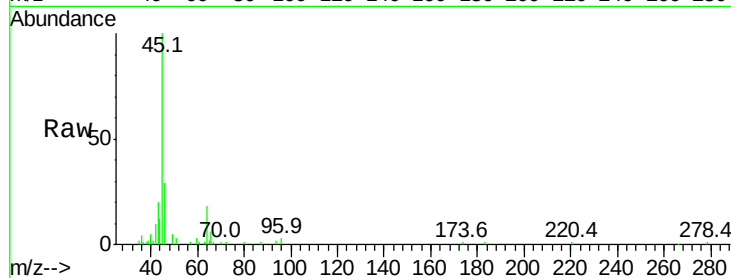
VSTDICCC010

Tgt Ion: 45 Resp: 25674

Ion Ratio Lower Upper

45 100

46 149.5 15.8 63.4#



#14

Bromoethene

Concen: 10.049 ppbv

RT: 3.74 min Scan# 295

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

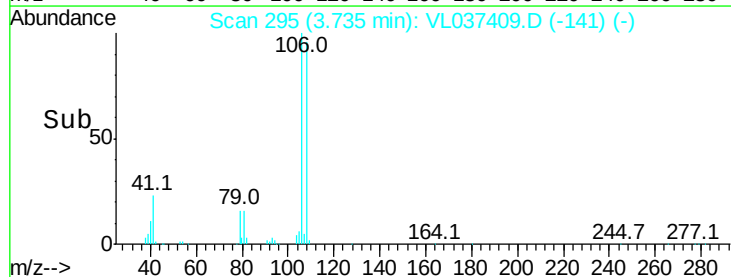
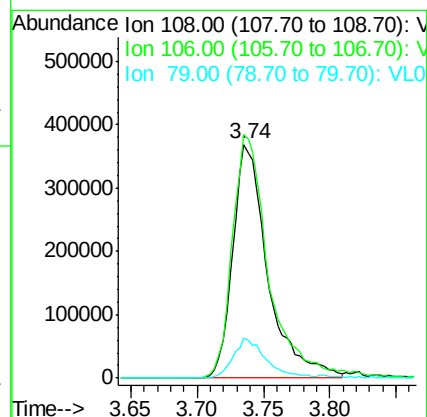
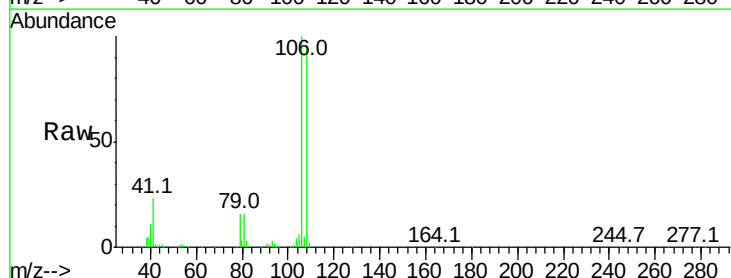
Tgt Ion: 108 Resp: 678403

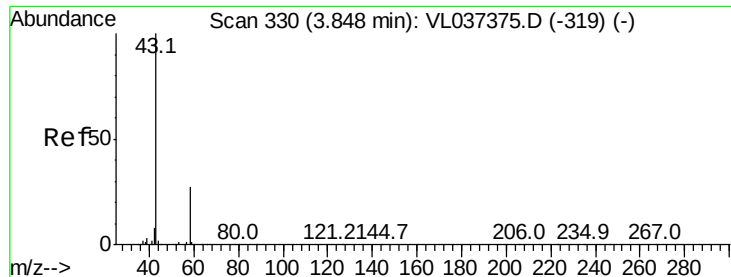
Ion Ratio Lower Upper

108 100

106 109.4 86.2 129.4

79 16.9 13.2 19.8





#15

Acetone

Concen: 8.629 ppbv

RT: 3.85 min Scan# 330

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

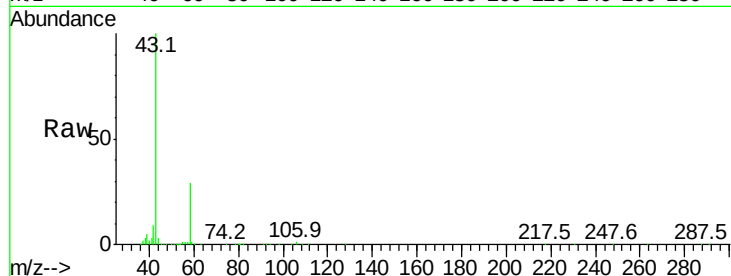
VSTDICCC010

Tgt Ion: 43 Resp: 1122038

Ion Ratio Lower Upper

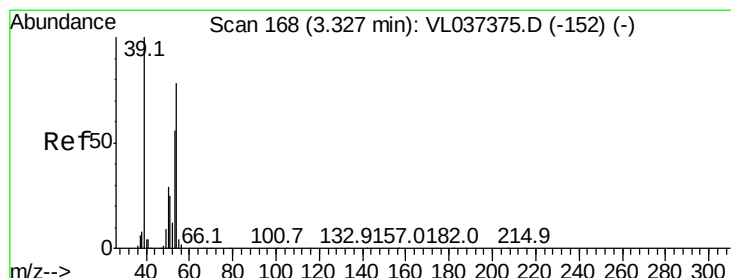
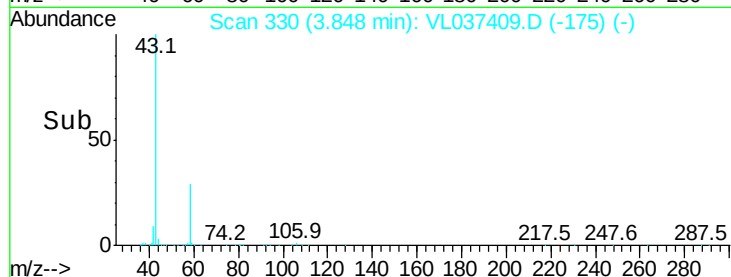
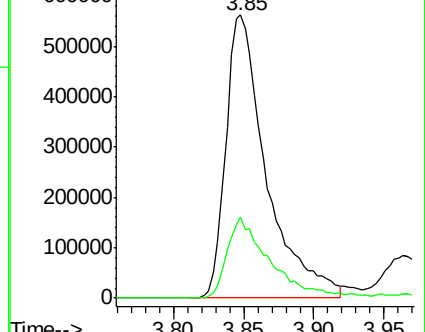
43 100

58 30.5 24.6 37.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 9.715 ppbv

RT: 3.32 min Scan# 167

Delta R.T. -0.00 min

Lab File: VL037409.D

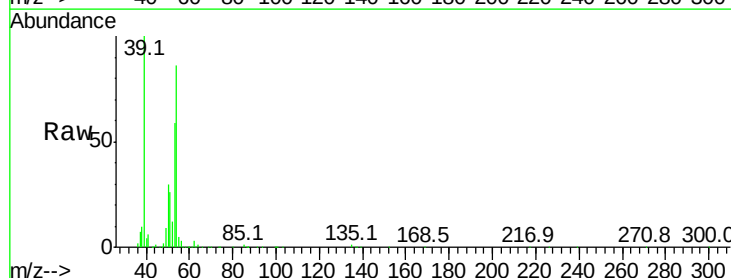
Acq: 12 Aug 2021 10:28

Tgt Ion: 39 Resp: 887424

Ion Ratio Lower Upper

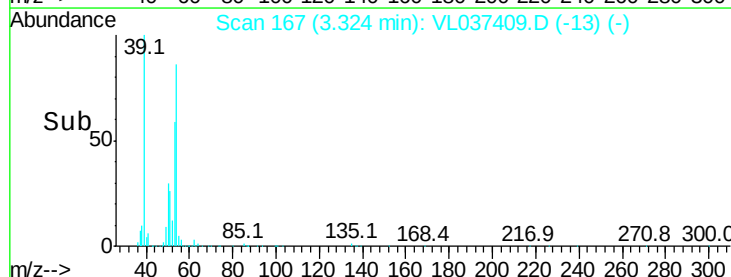
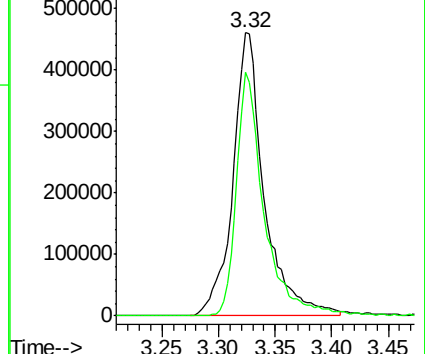
39 100

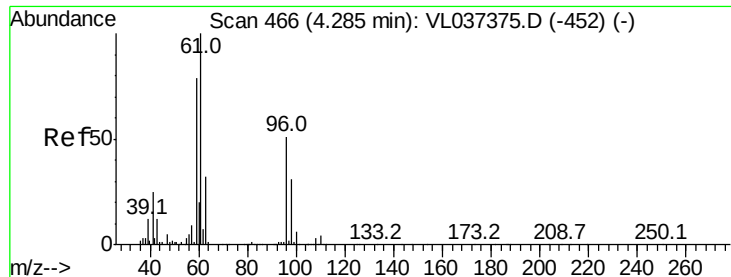
54 76.7 60.9 91.3



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 11.445 ppbv

RT: 4.29 min Scan# 466

Delta R.T. -0.00 min

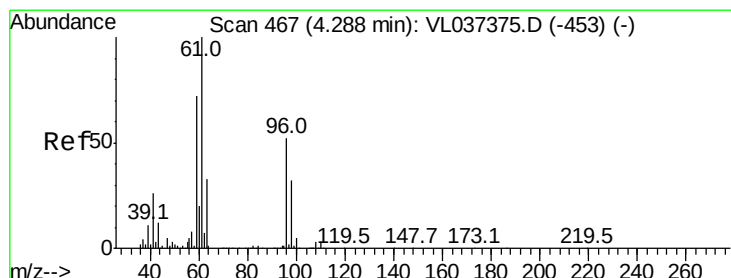
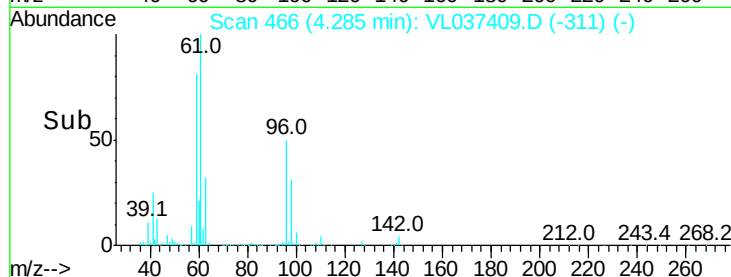
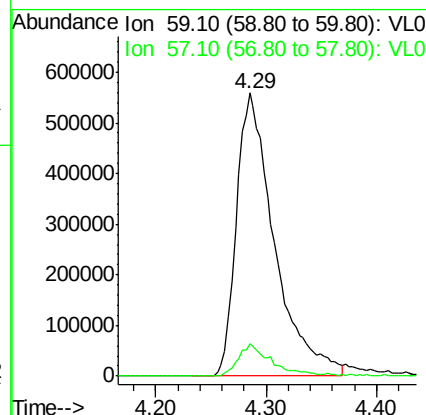
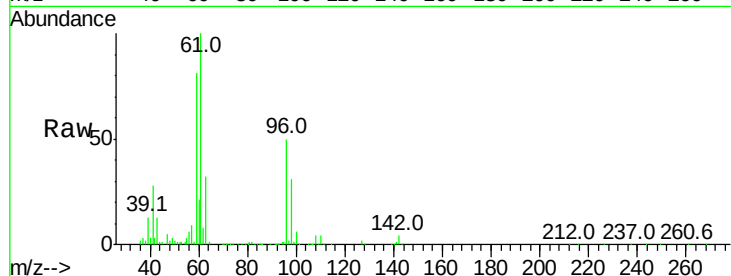
Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 1331408

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.6	13.0



#18

1,1-Dichloroethene

Concen: 10.062 ppbv

RT: 4.29 min Scan# 466

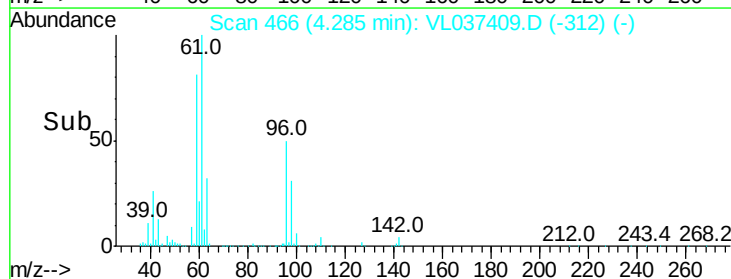
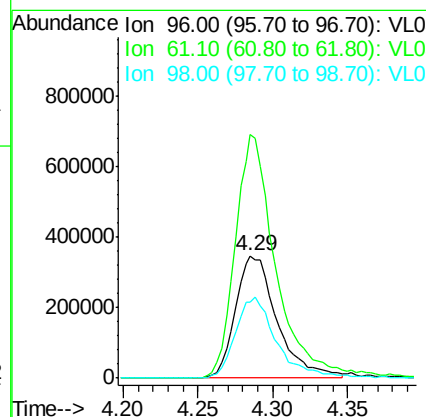
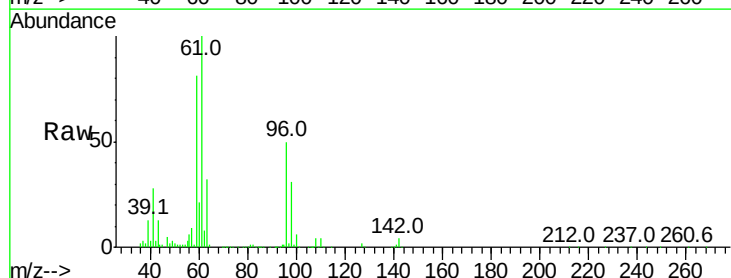
Delta R.T. -0.00 min

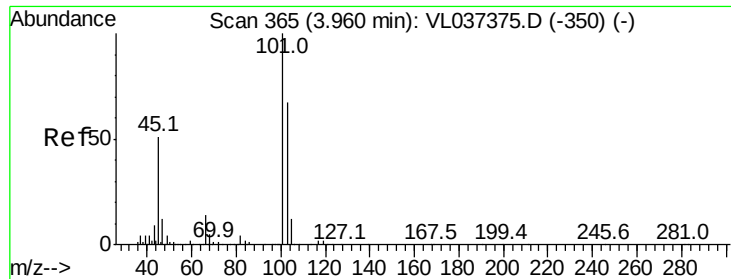
Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Tgt Ion: 96 Resp: 672948

Ion	Ratio	Lower	Upper
96	100		
61	198.7	153.2	229.8
98	61.8	49.5	74.3





#19

Isopropyl Alcohol

Concen: 10.361 ppbv

RT: 3.96 min Scan# 366

Delta R.T. 0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

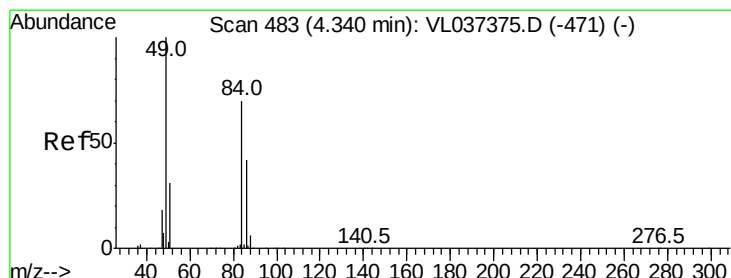
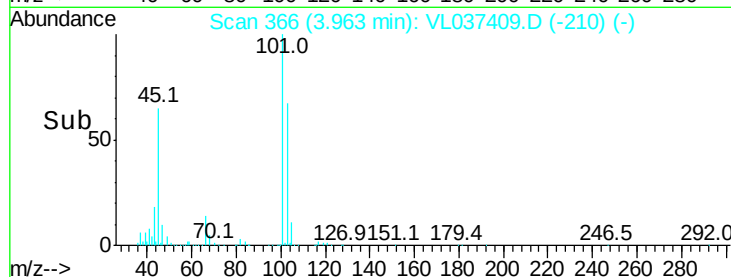
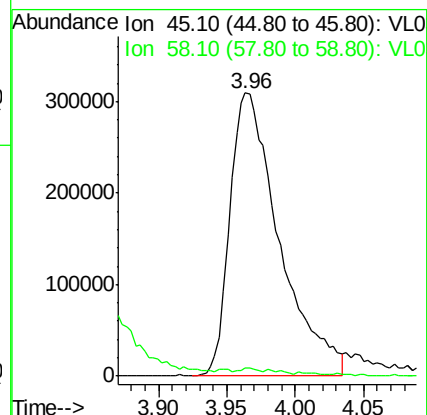
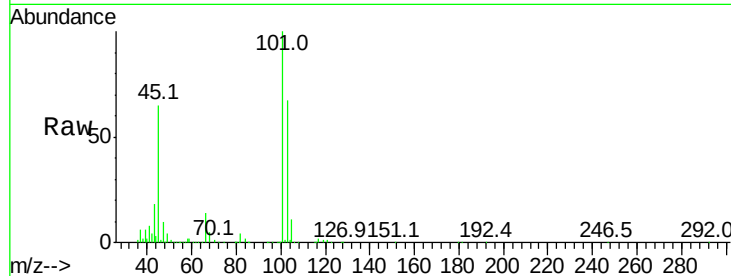
VSTDICCC010

Tgt Ion: 45 Resp: 775638

Ion Ratio Lower Upper

45 100

58 2.8 38.7 58.1#



#20

Methylene Chloride

Concen: 8.694 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Tgt Ion: 84 Resp: 613851

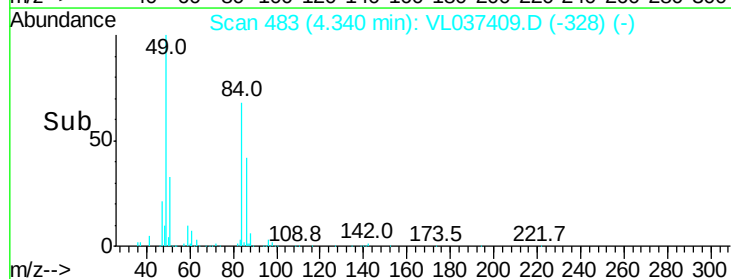
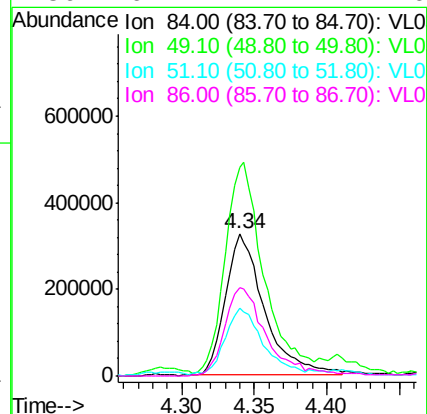
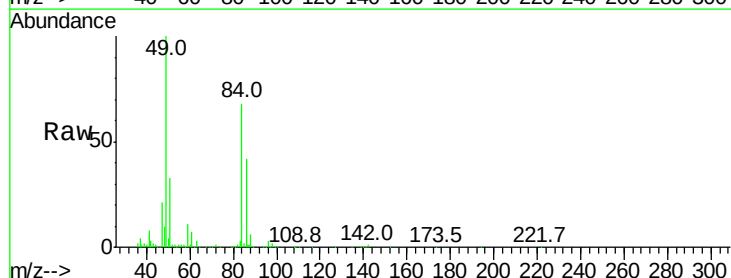
Ion Ratio Lower Upper

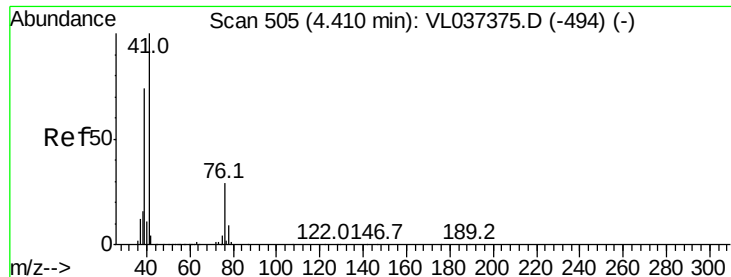
84 100

49 145.0 113.8 170.6

51 46.4 34.7 52.1

86 61.7 47.4 71.0





#21

Allyl Chloride

Concen: 10.216 ppbv

RT: 4.41 min Scan# 505

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

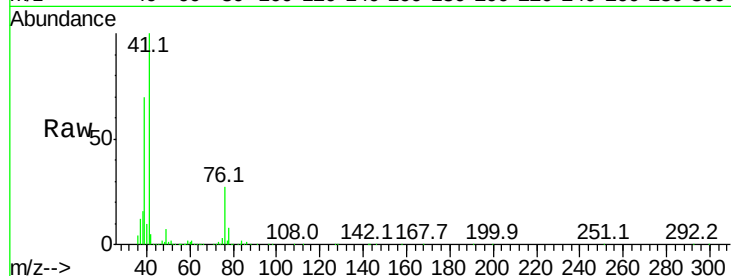
Tgt Ion: 41 Resp: 1041971

Ion Ratio Lower Upper

41 100

76 29.6 23.0 34.4

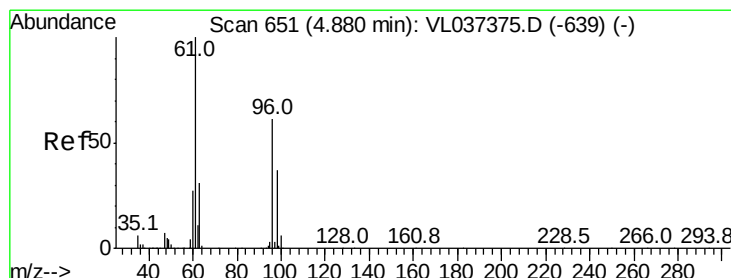
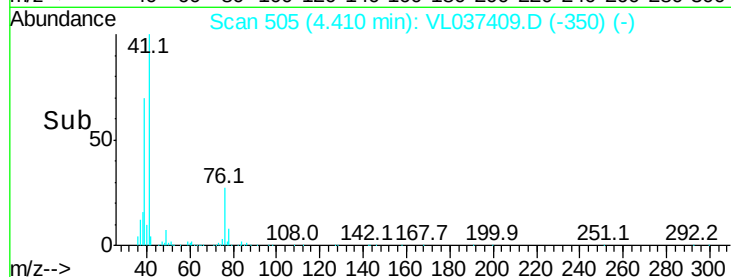
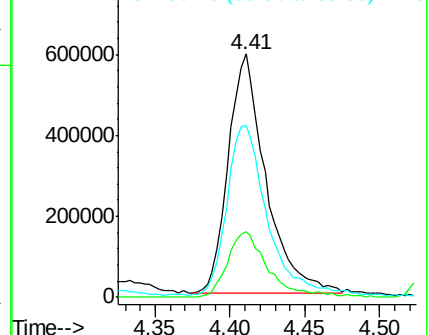
39 77.9 61.4 92.0



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 10.287 ppbv

RT: 4.88 min Scan# 652

Delta R.T. 0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

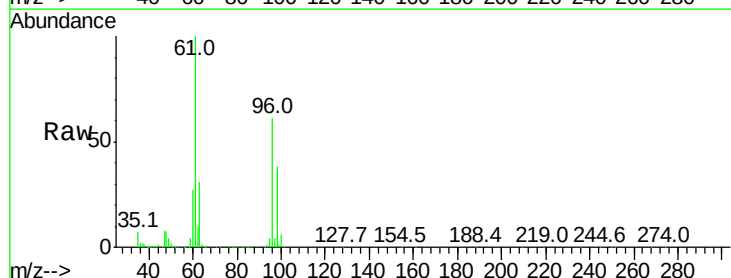
Tgt Ion: 96 Resp: 650176

Ion Ratio Lower Upper

96 100

61 163.7 132.2 198.4

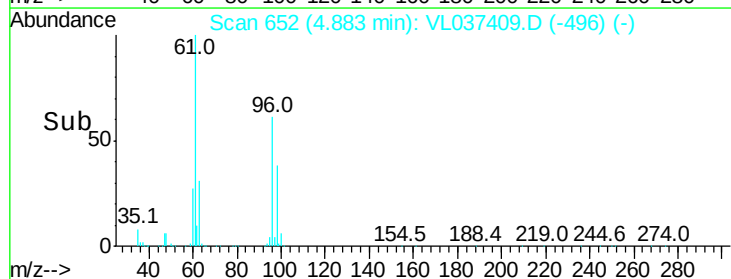
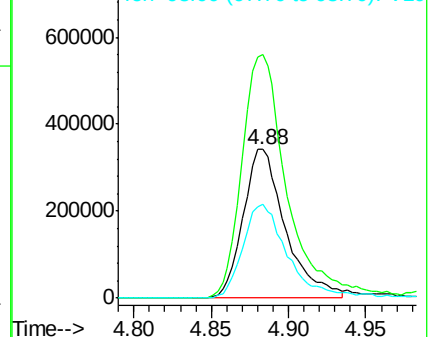
98 62.8 48.7 73.1

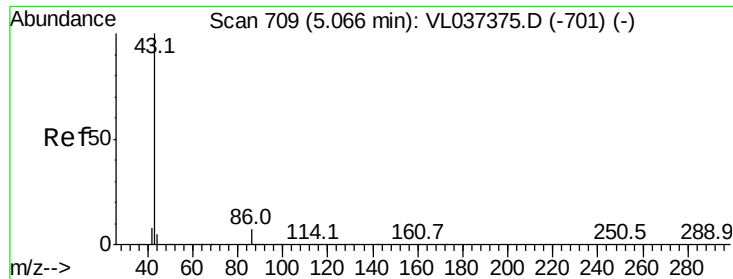


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 10.161 ppbv

RT: 5.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

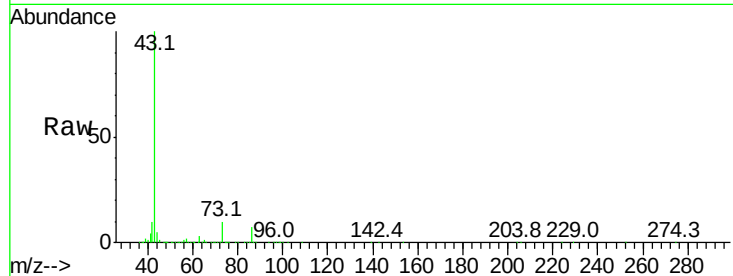
MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 2123443

Ion	Ratio	Lower	Upper
43	100		
86	7.3	4.8	7.2#
42	9.6	7.3	10.9
44	5.0	3.7	5.5

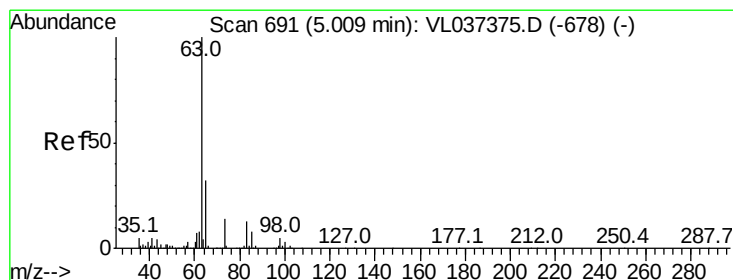
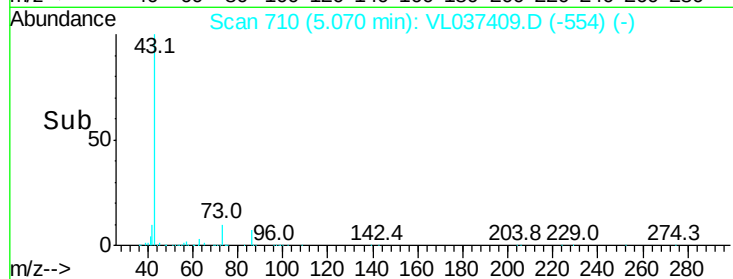
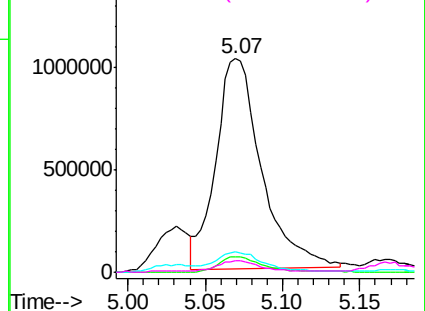


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.638 ppbv

RT: 5.01 min Scan# 692

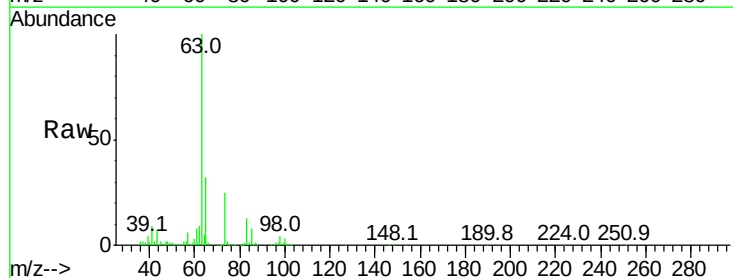
Delta R.T. 0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Tgt Ion: 63 Resp: 1584143

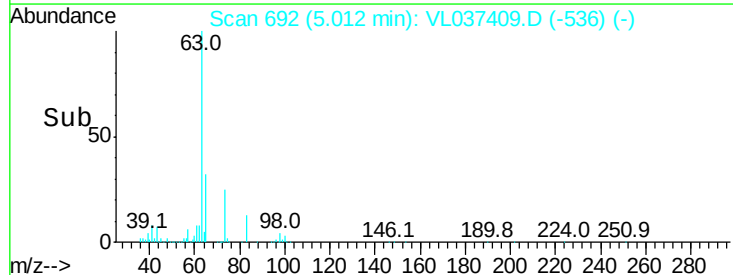
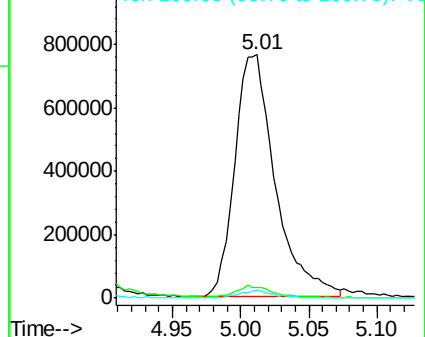
Ion	Ratio	Lower	Upper
63	100		
98	4.2	2.5	7.5
100	3.1	1.4	4.2

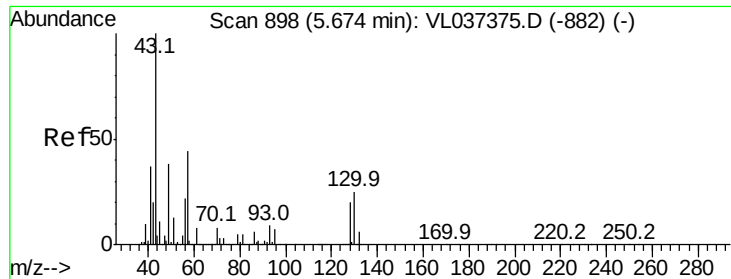


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



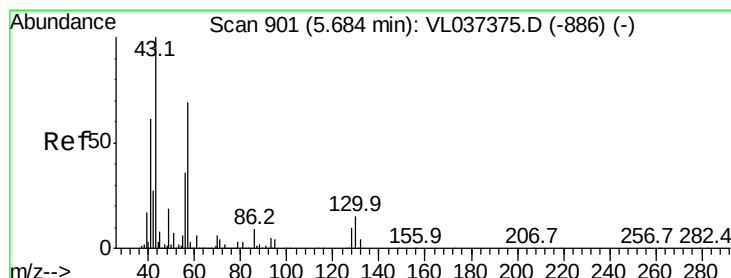
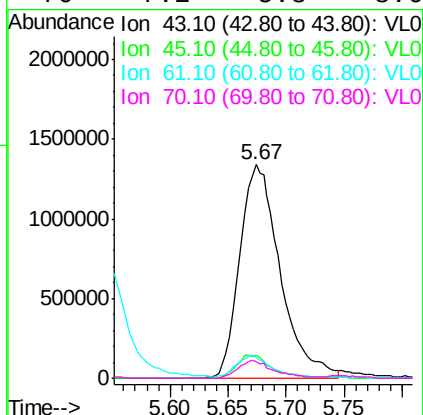
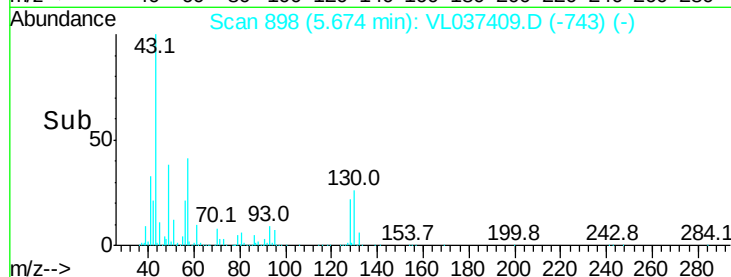
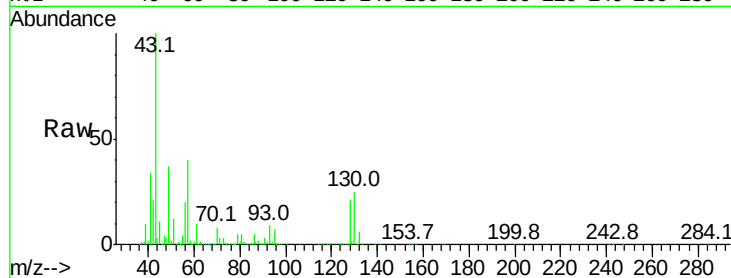


#25
Ethyl Acetate
Concen: 9.736 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 3241124

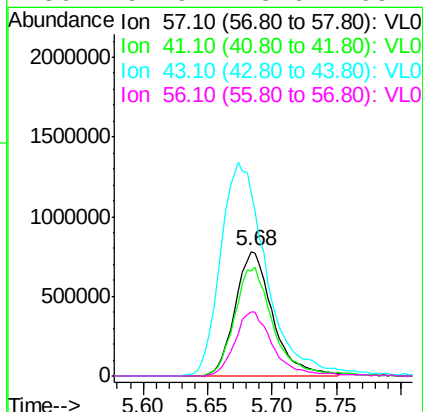
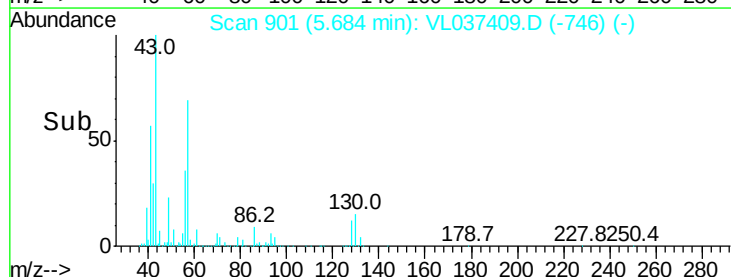
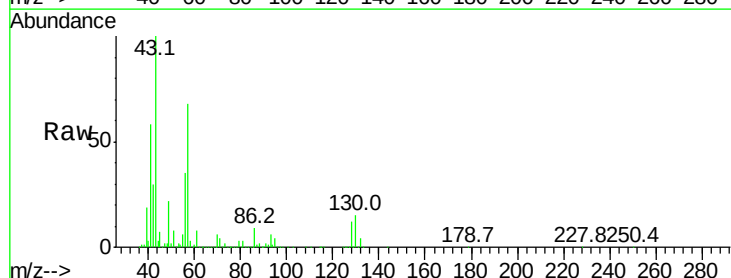
Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.0	12.0
61	9.6	7.7	11.5
70	7.2	5.8	8.6

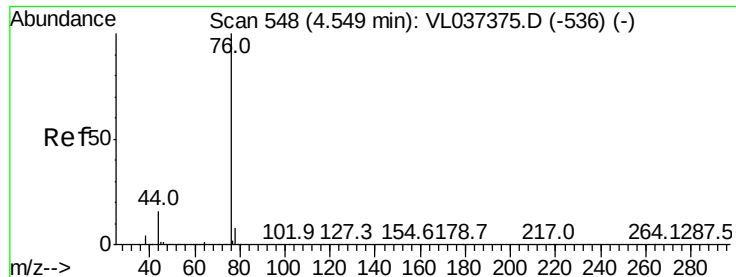


#26
Hexane
Concen: 9.397 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 57 Resp: 1584139

Ion	Ratio	Lower	Upper
57	100		
41	90.6	73.4	110.0
43	211.6	174.4	261.6
56	52.9	43.6	65.4





#27

Carbon Disulfide

Concen: 11.344 ppbv

RT: 4.55 min Scan# 547

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

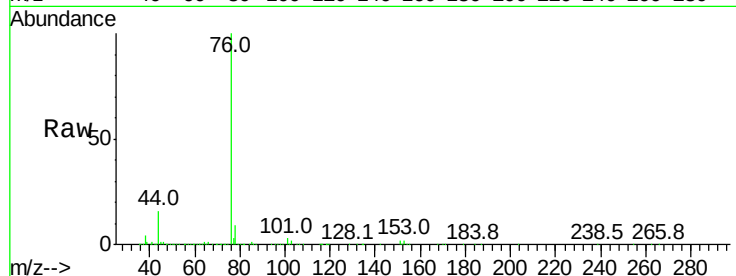
Tgt Ion: 76 Resp: 1602806

Ion Ratio Lower Upper

76 100

44 18.0 13.7 20.5

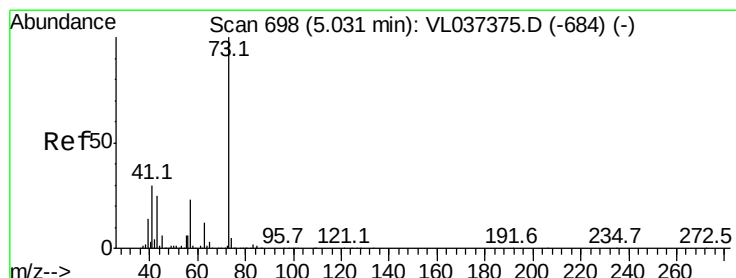
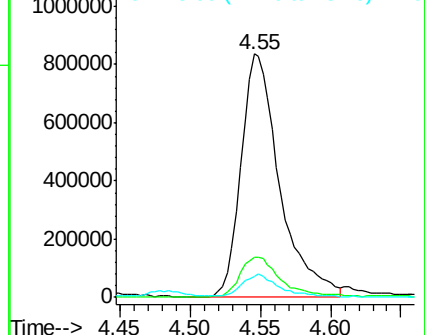
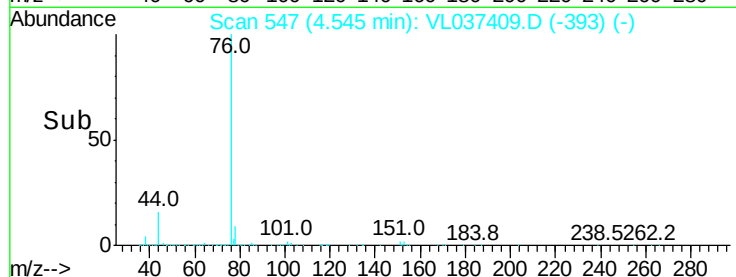
78 10.0 7.7 11.5



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: 10.018 ppbv

RT: 5.03 min Scan# 698

Delta R.T. -0.00 min

Lab File: VL037409.D

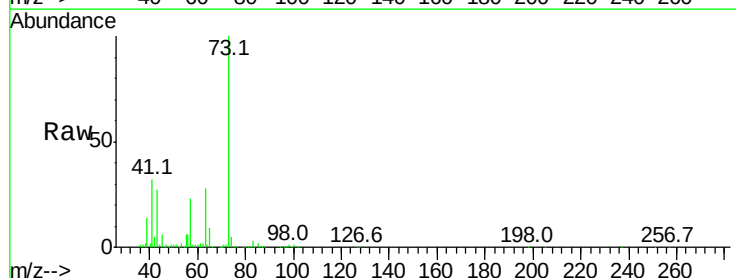
Acq: 12 Aug 2021 10:28

Tgt Ion: 73 Resp: 1803584

Ion Ratio Lower Upper

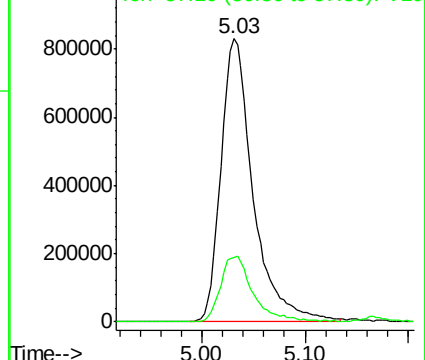
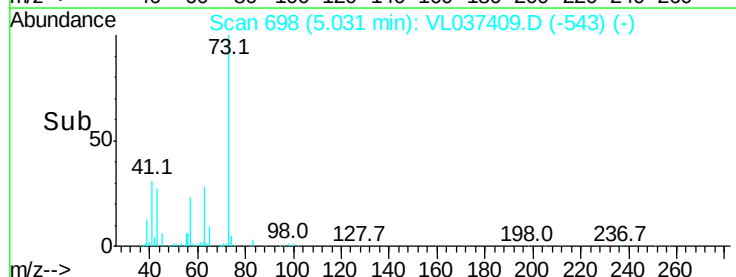
73 100

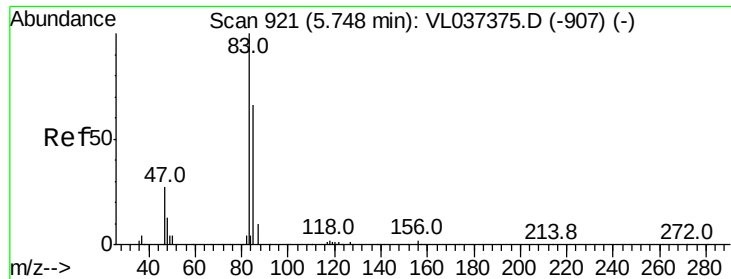
57 23.7 18.8 28.2



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 9.665 ppbv

RT: 5.75 min Scan# 922

Delta R.T. 0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

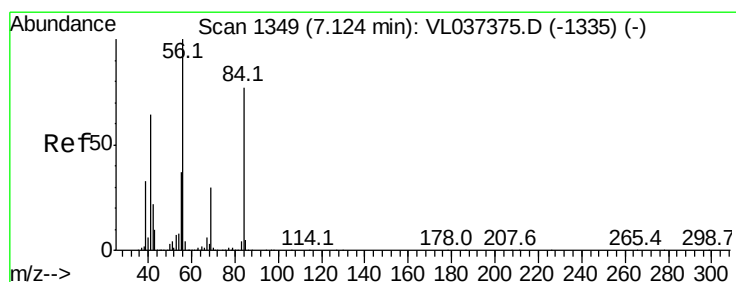
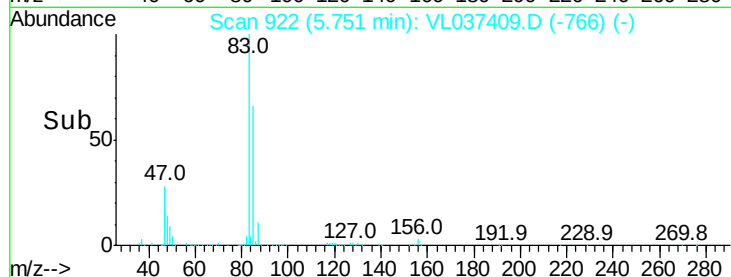
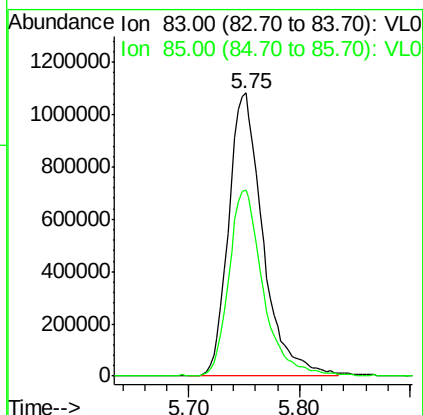
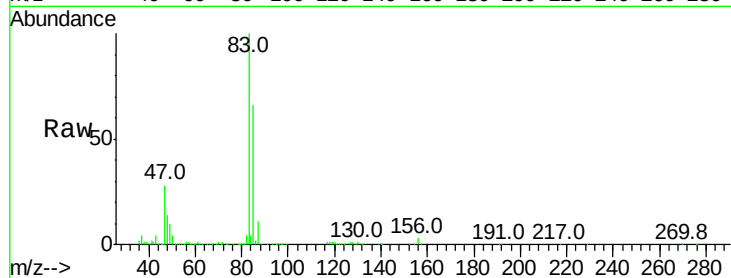
VSTDICCC010

Tgt Ion: 83 Resp: 2336415

Ion Ratio Lower Upper

83 100

85 65.5 52.8 79.2



#30

Cyclohexane

Concen: 9.623 ppbv

RT: 7.13 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

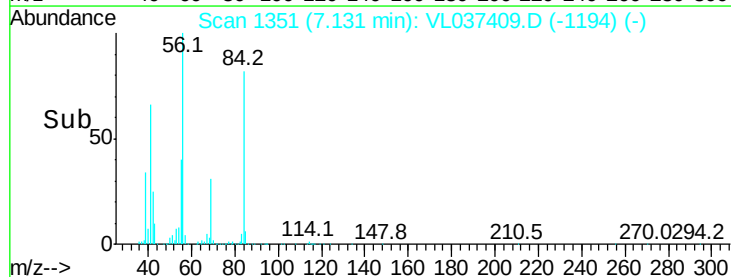
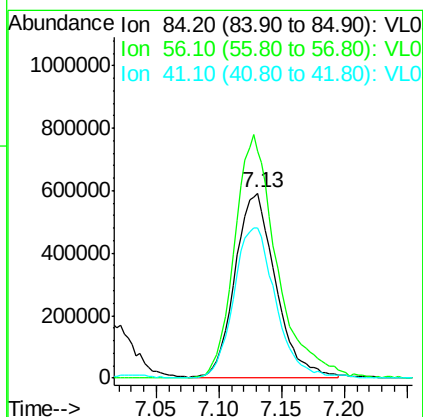
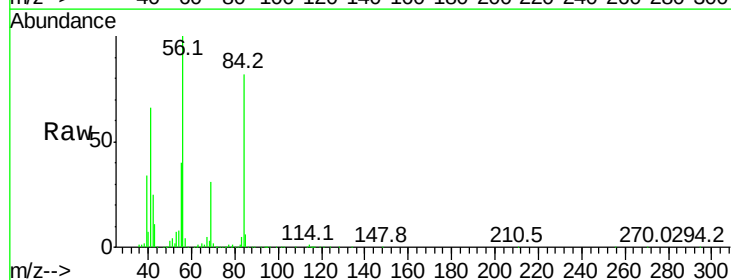
Tgt Ion: 84 Resp: 1342930

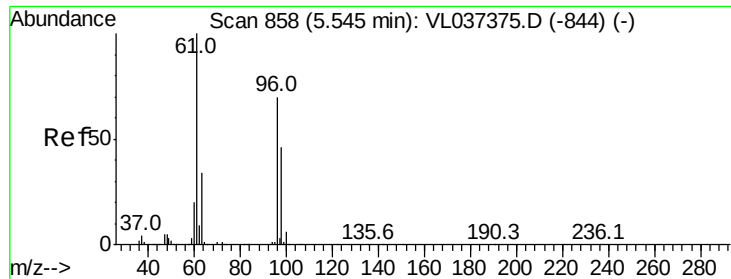
Ion Ratio Lower Upper

84 100

56 137.0 109.4 164.0

41 83.2 66.2 99.2



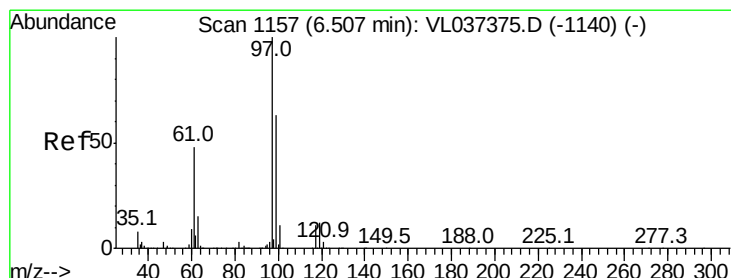
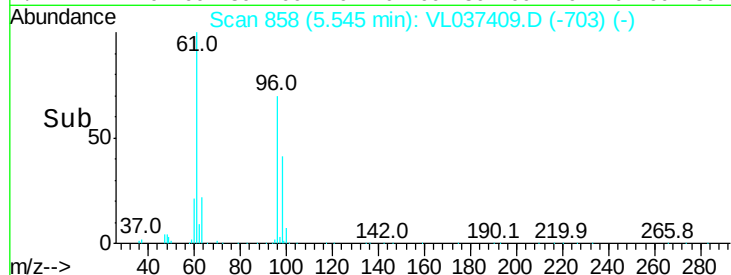
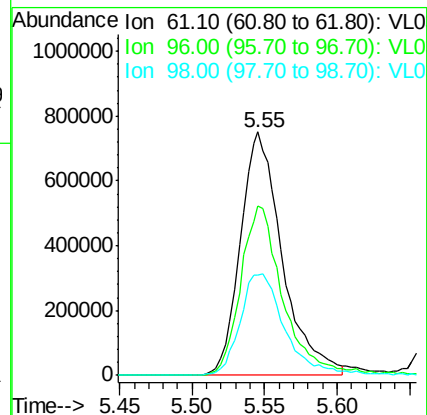
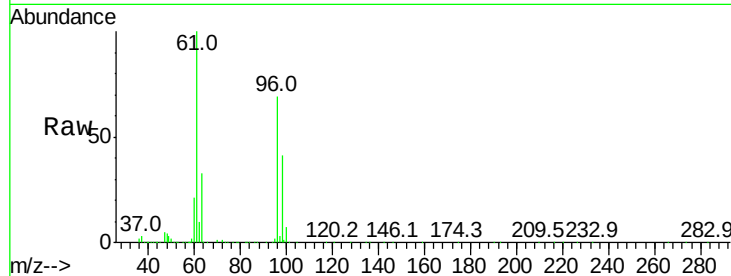


#31

cis-1,2-Dichloroethene
 Concen: 9.946 ppbv
 RT: 5.55 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

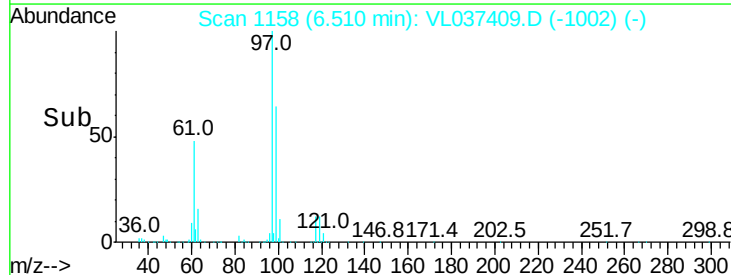
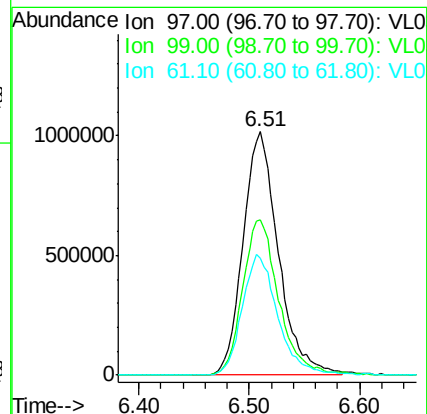
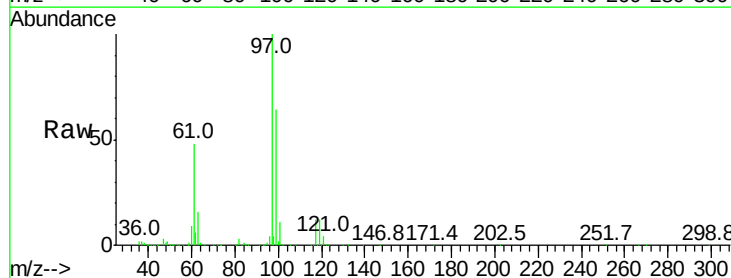
Tgt Ion: 61 Resp: 1502427
 Ion Ratio Lower Upper
 61 100
 96 69.4 56.0 84.0
 98 41.4 36.8 55.2

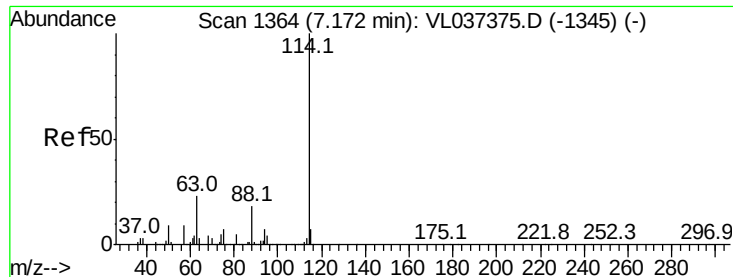


#32

1,1,1-Trichloroethane
 Concen: 9.643 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Tgt Ion: 97 Resp: 2260134
 Ion Ratio Lower Upper
 97 100
 99 65.4 52.7 79.1
 61 50.1 39.9 59.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.00 min

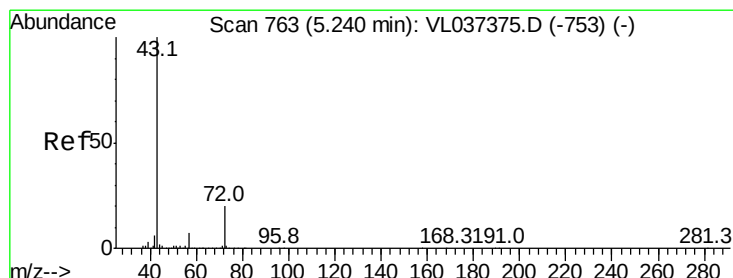
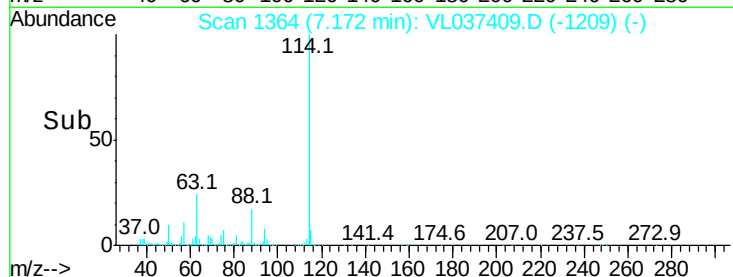
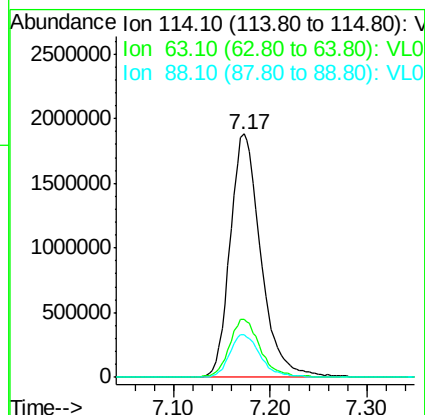
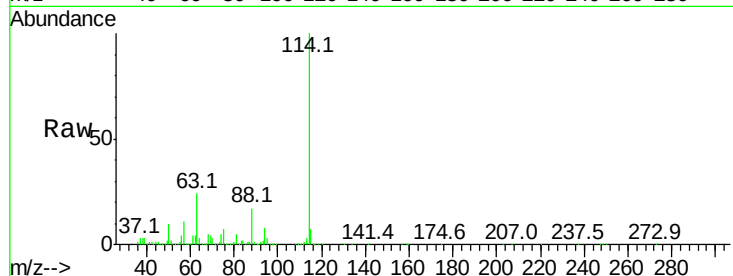
Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 4159679

Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.5	29.3
88	17.8	14.3	21.5



#34

2-Butanone

Concen: 8.782 ppbv

RT: 5.24 min Scan# 764

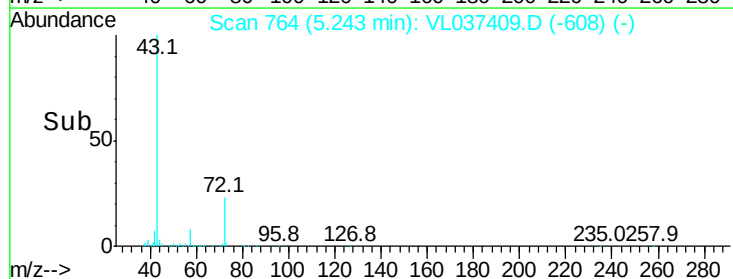
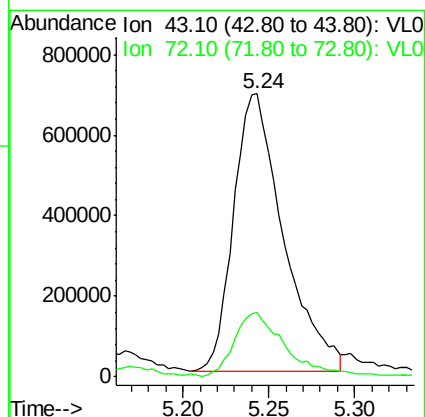
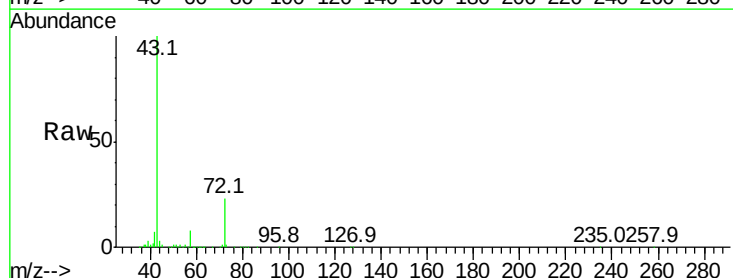
Delta R.T. 0.00 min

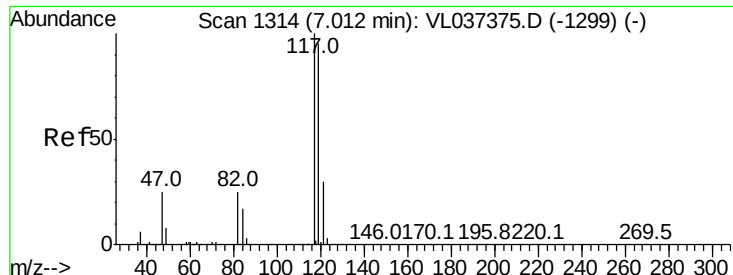
Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Tgt Ion: 43 Resp: 1387922

Ion	Ratio	Lower	Upper
43	100		
72	24.6	19.6	29.4

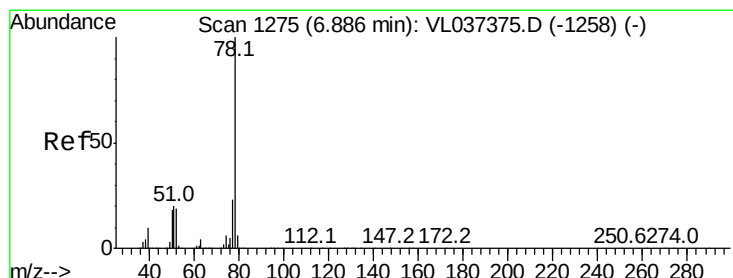
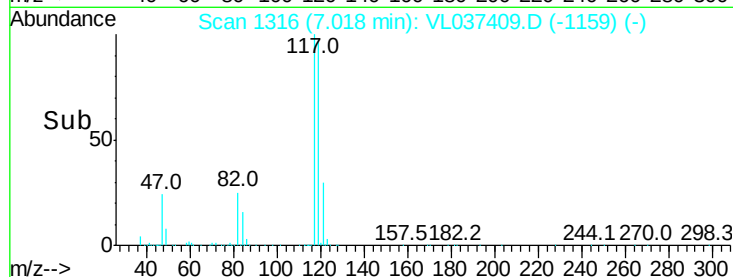
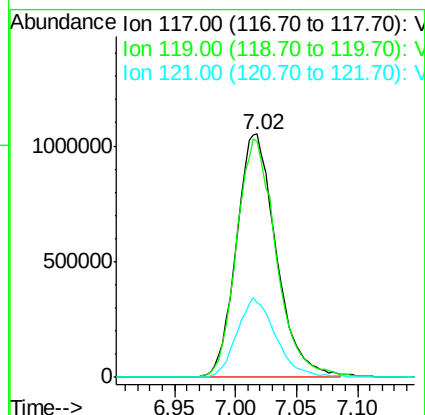
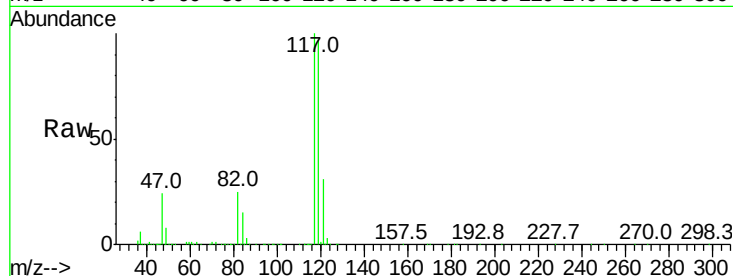




#35
Carbon Tetrachloride
Concen: 10.248 ppbv
RT: 7.02 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

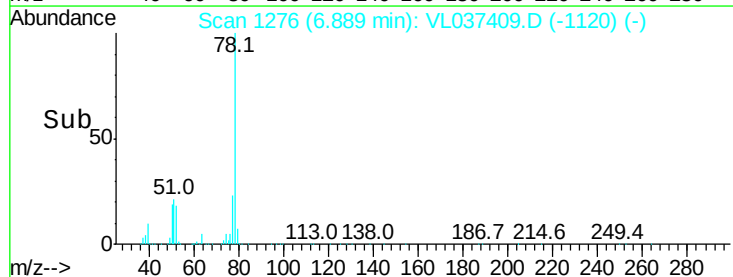
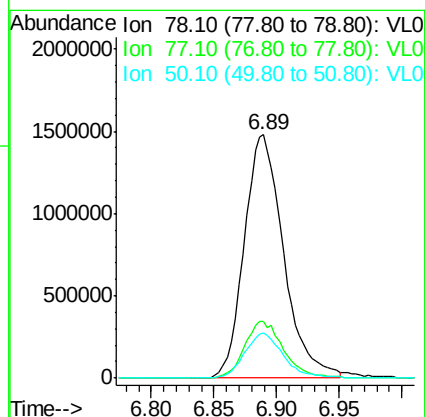
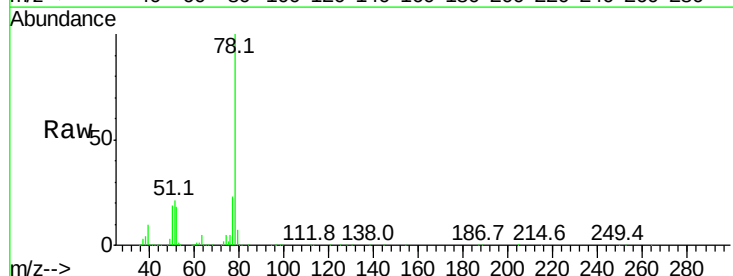
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

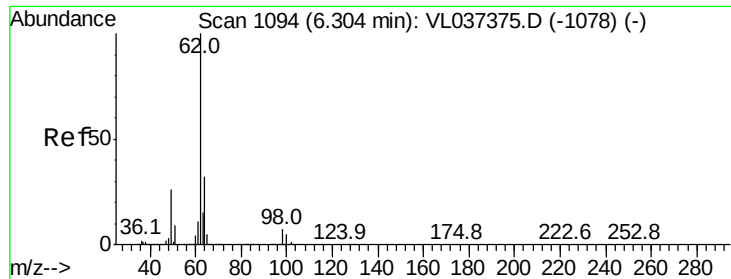
Tgt Ion:117 Resp: 2377255
Ion Ratio Lower Upper
117 100
119 96.9 76.1 114.1
121 30.9 24.4 36.6



#36
Benzene
Concen: 9.775 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 78 Resp: 3226875
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0
50 18.6 14.3 21.5

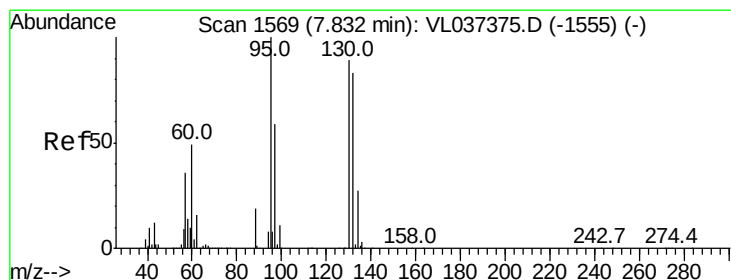
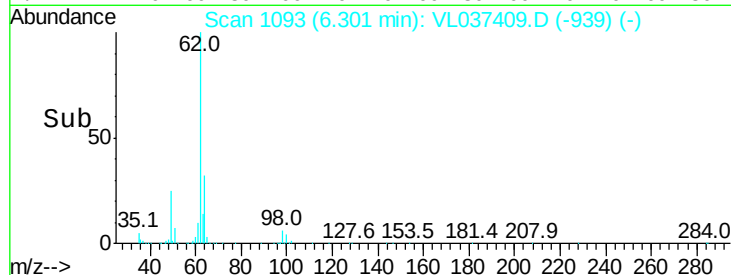
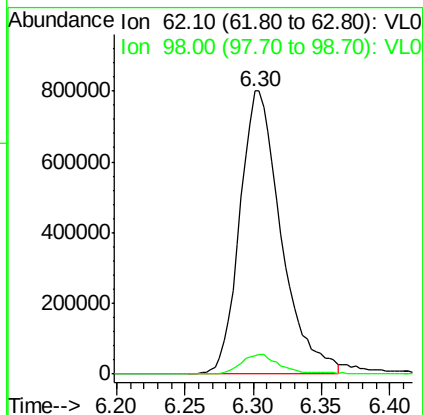
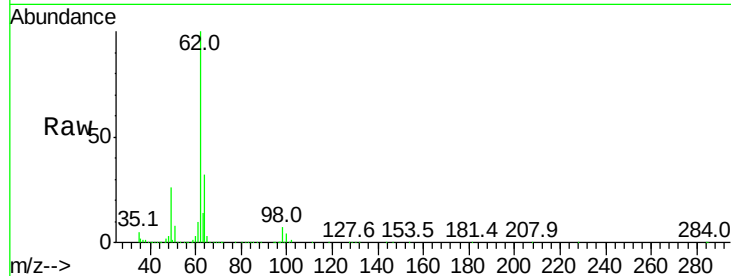




#37
 1,2-Dichloroethane
 Concen: 9.979 ppbv
 RT: 6.30 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

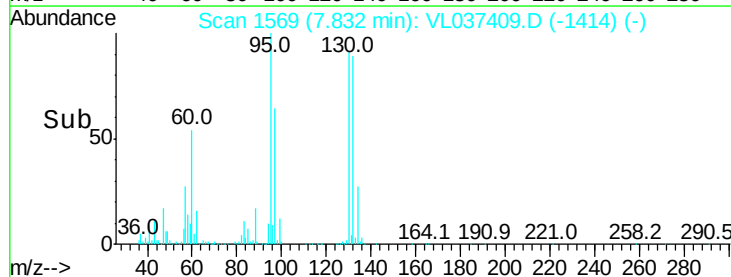
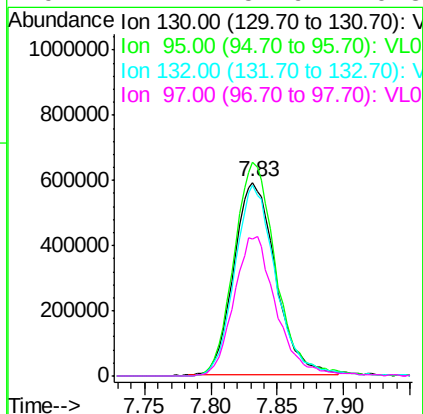
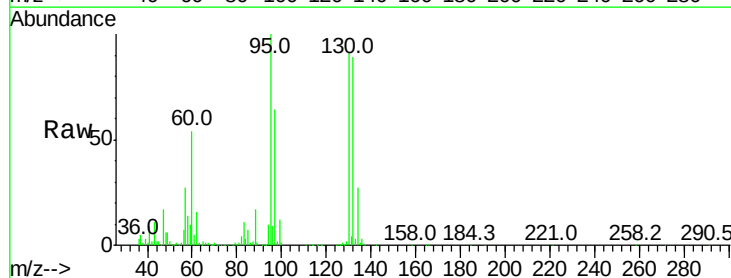
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

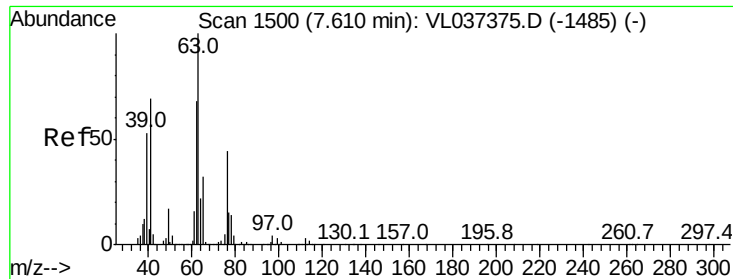
Tgt Ion: 62 Resp: 1684995
 Ion Ratio Lower Upper
 62 100
 98 6.8 5.8 8.8



#38
 Trichloroethene
 Concen: 9.254 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Tgt Ion: 130 Resp: 1300685
 Ion Ratio Lower Upper
 130 100
 95 110.7 89.5 134.3
 132 99.0 74.2 111.4
 97 71.1 52.9 79.3





#39

1,2-Dichloropropane

Concen: 10.212 ppbv

RT: 7.61 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

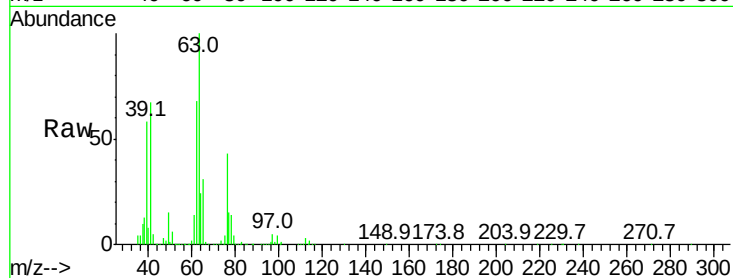
Tgt Ion: 63 Resp: 1232409

Ion Ratio Lower Upper

63 100

41 66.3 54.8 82.2

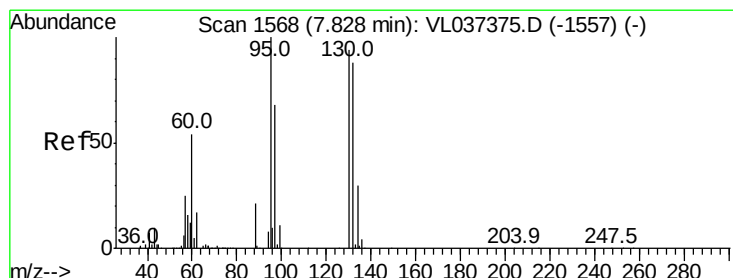
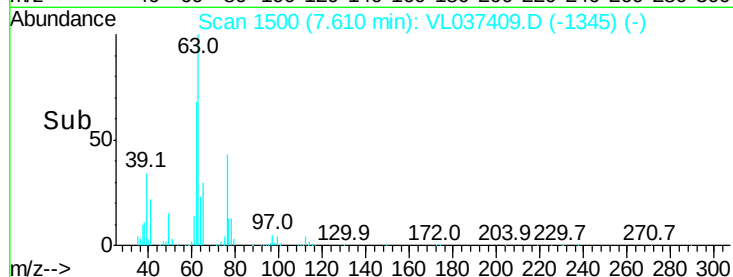
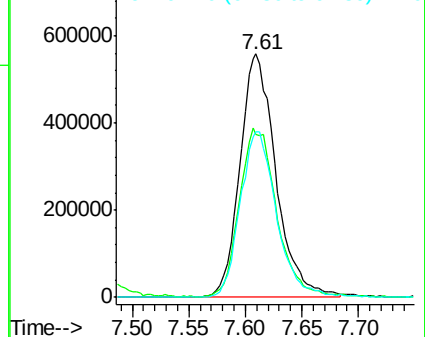
62 68.1 54.5 81.7



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 8.786 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Tgt Ion: 88 Resp: 282513

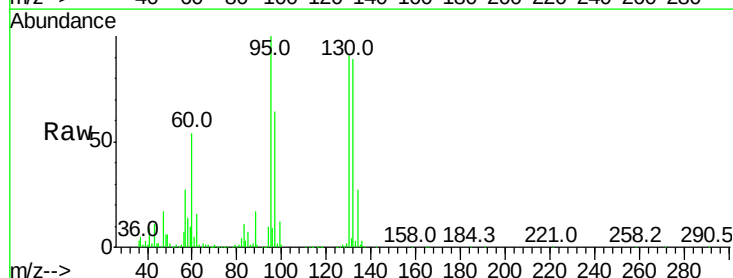
Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

43 0.0 0.0 0.0

57 0.0 0.0 0.0

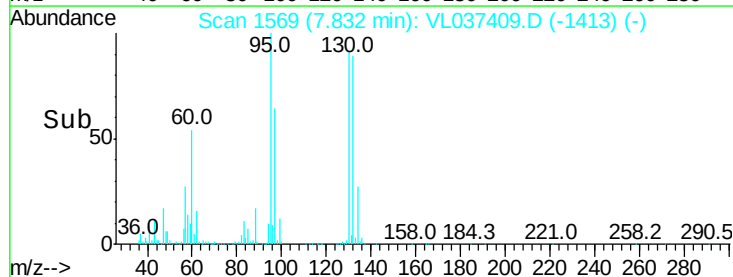
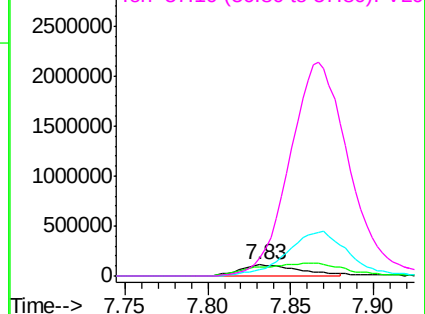


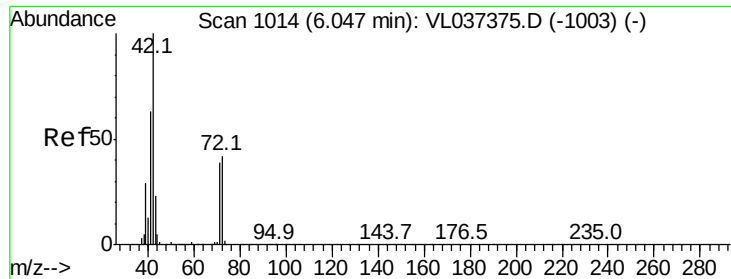
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

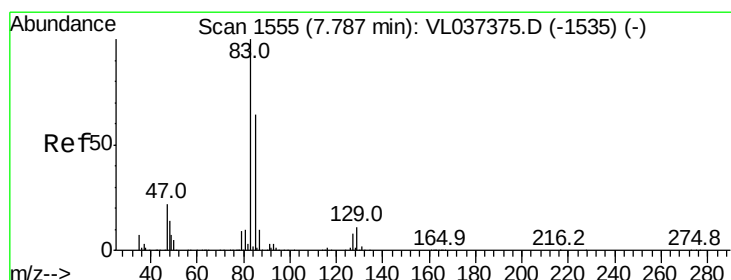
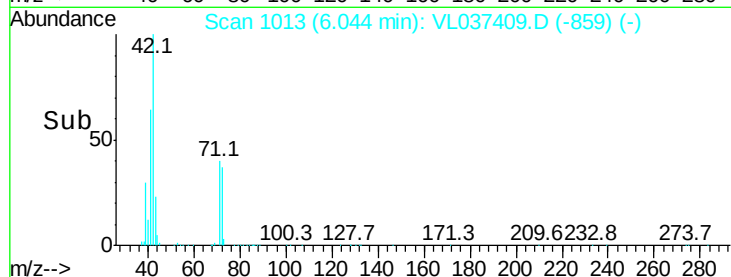
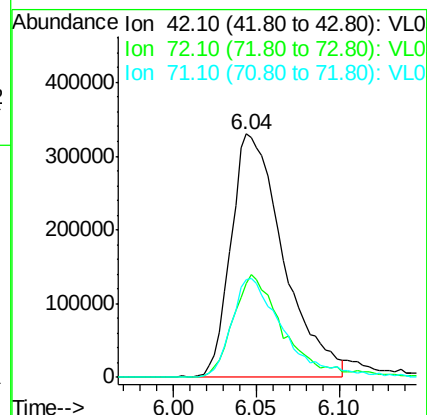
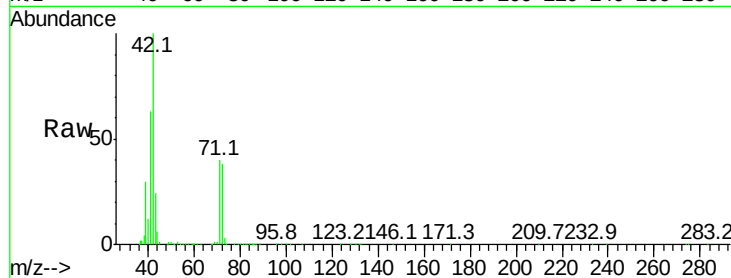




#41
Tetrahydrofuran
Concen: 9.776 ppbv
RT: 6.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

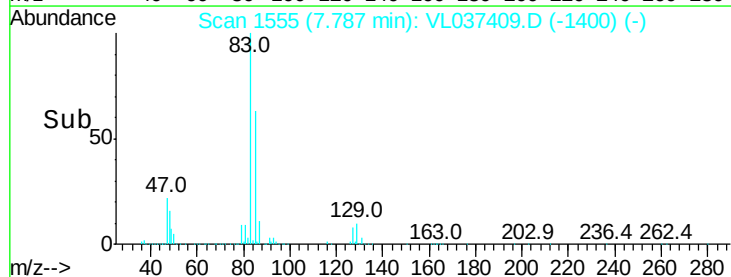
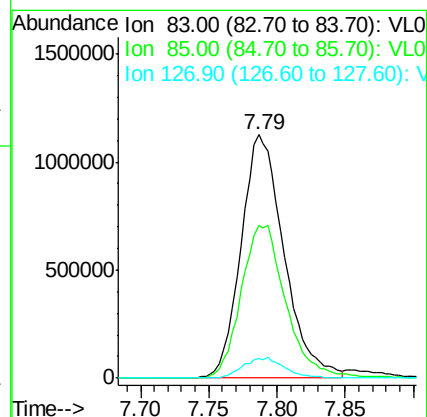
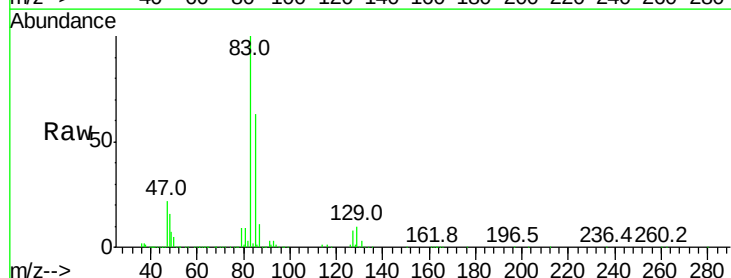
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

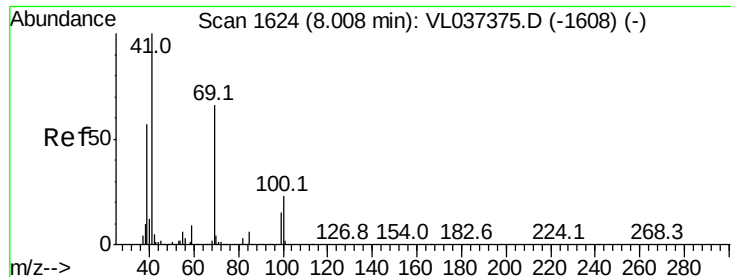
Tgt Ion: 42 Resp: 726327
Ion Ratio Lower Upper
42 100
72 41.9 34.4 51.6
71 40.7 32.3 48.5



#42
Bromodichloromethane
Concen: 10.322 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 83 Resp: 2463770
Ion Ratio Lower Upper
83 100
85 62.7 51.2 76.8
127 8.2 6.7 10.1

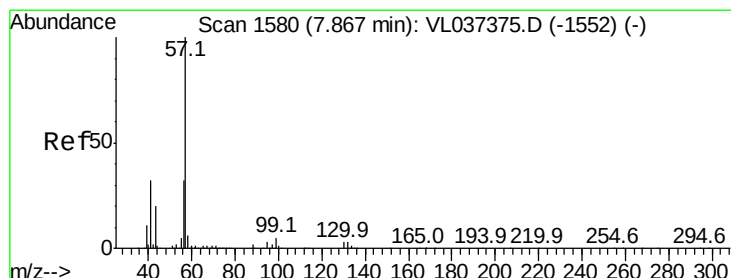
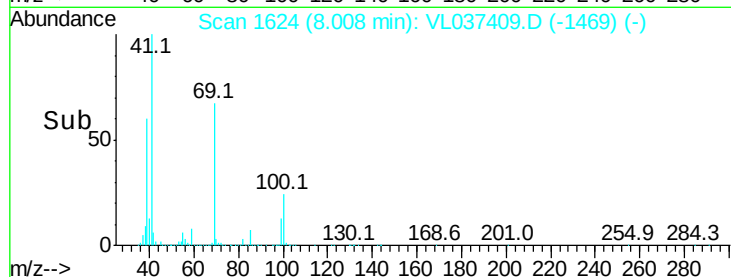
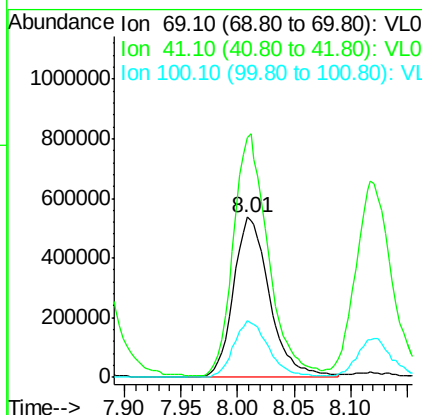
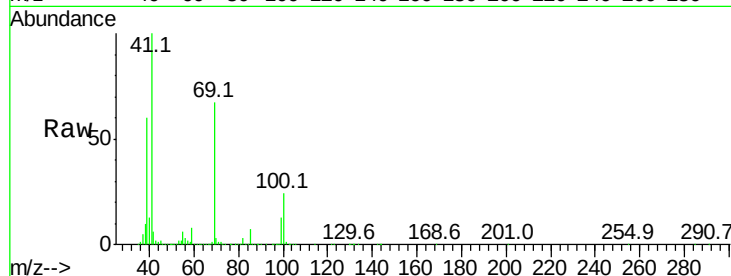




#43
Methyl Methacrylate
Concen: 10.391 ppbv
RT: 8.01 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

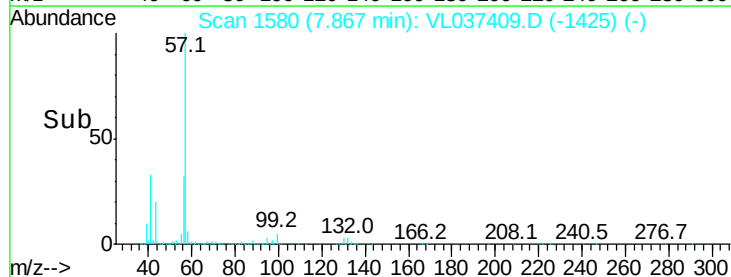
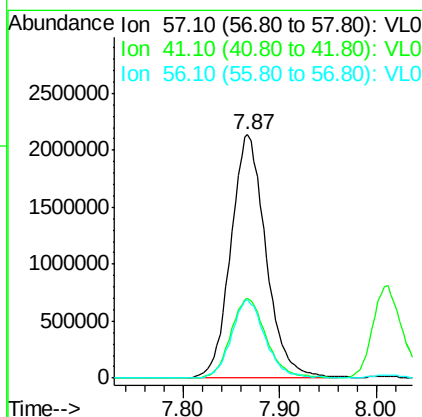
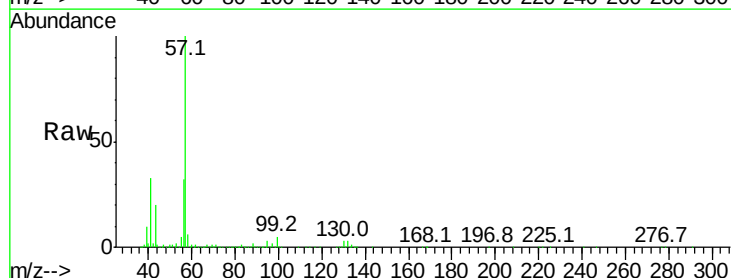
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

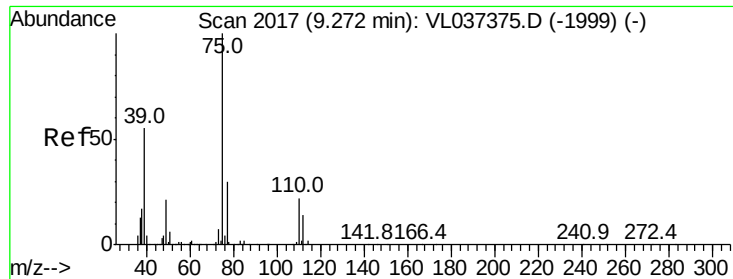
Tgt Ion: 69 Resp: 1193716
Ion Ratio Lower Upper
69 100
41 147.6 119.8 179.6
100 34.5 27.7 41.5



#44
2,2,4-Trimethylpentane
Concen: 9.779 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 57 Resp: 5384537
Ion Ratio Lower Upper
57 100
41 33.0 26.1 39.1
56 31.2 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 11.868 ppbv

RT: 9.27 min Scan# 2017

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

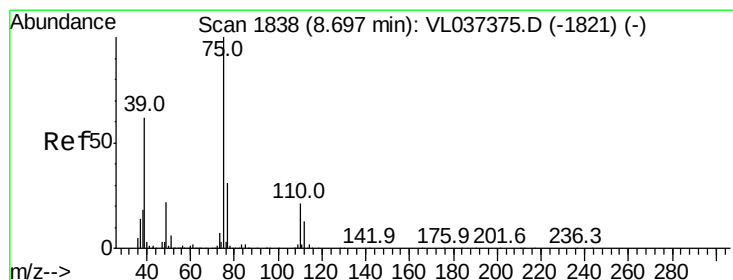
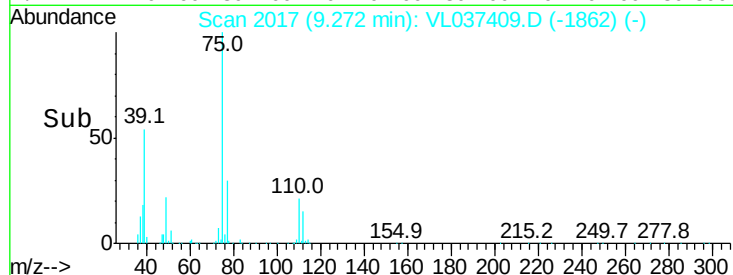
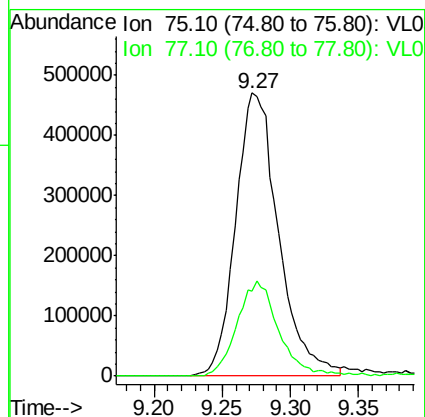
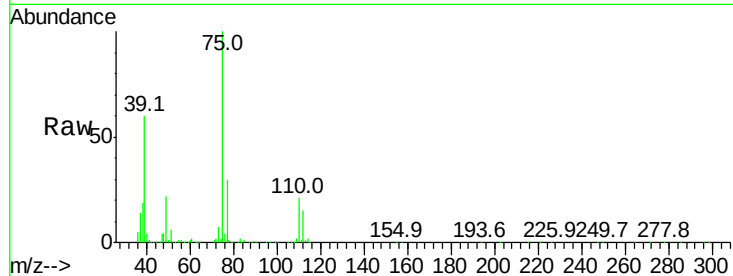
VSTDICCC010

Tgt Ion: 75 Resp: 1023593

Ion Ratio Lower Upper

75 100

77 30.2 24.1 36.1



#46

cis-1,3-Dichloropropene

Concen: 11.413 ppbv

RT: 8.70 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

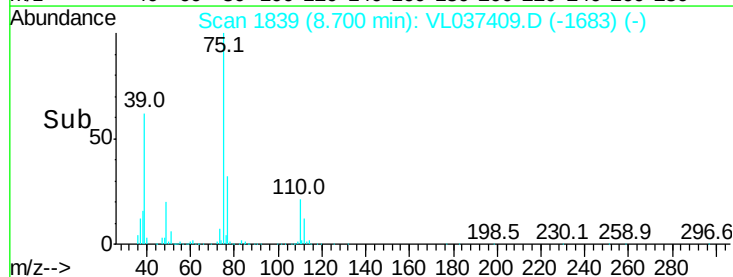
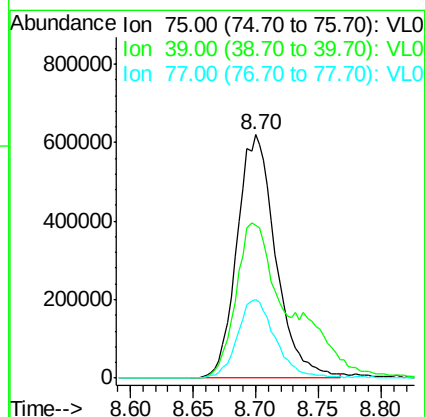
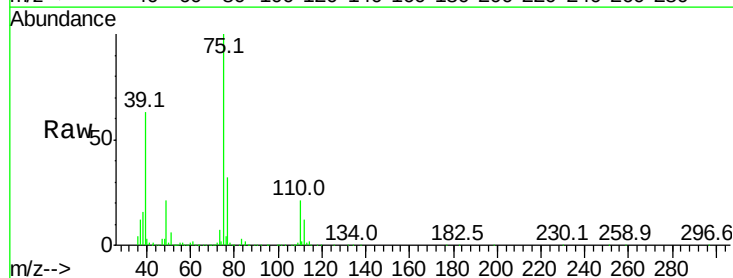
Tgt Ion: 75 Resp: 1331594

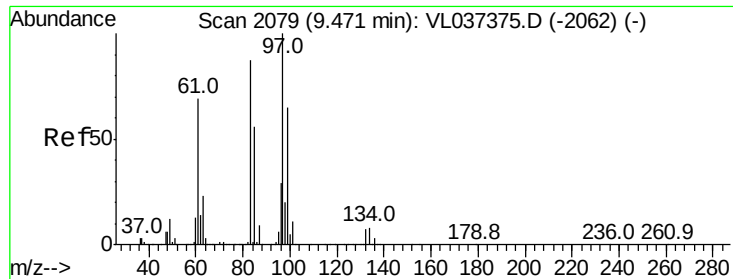
Ion Ratio Lower Upper

75 100

39 62.6 49.4 74.2

77 32.3 25.0 37.6



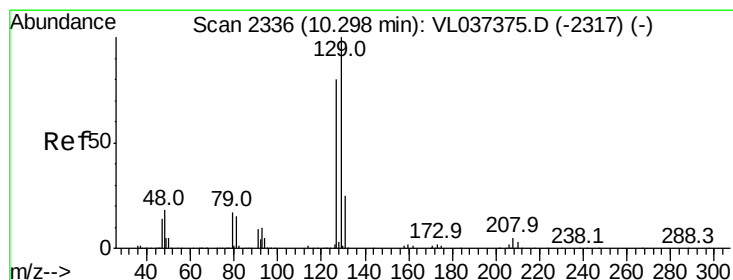
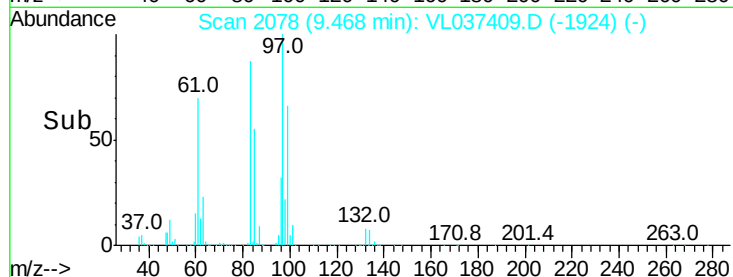
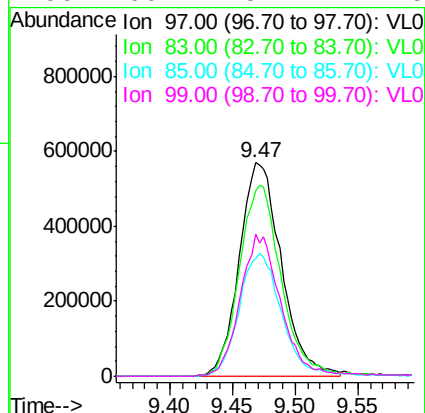
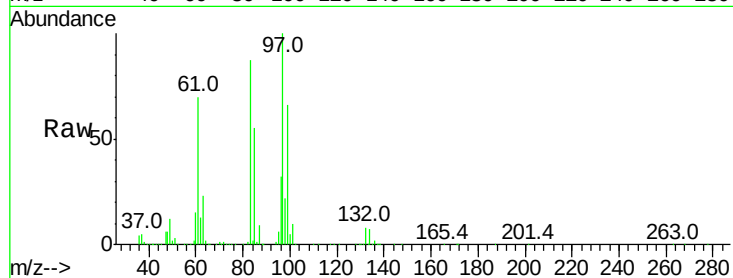


#47
 1,1,2-Trichloroethane
 Concen: 9.768 ppbv
 RT: 9.47 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 97 Resp: 1328488

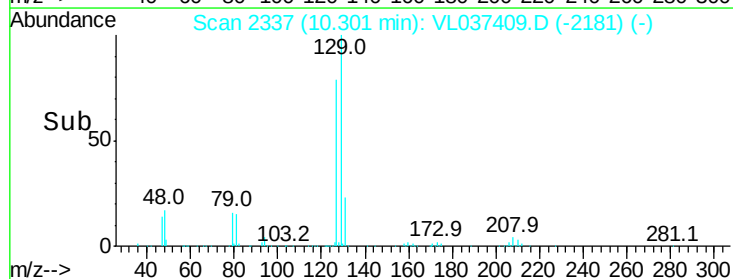
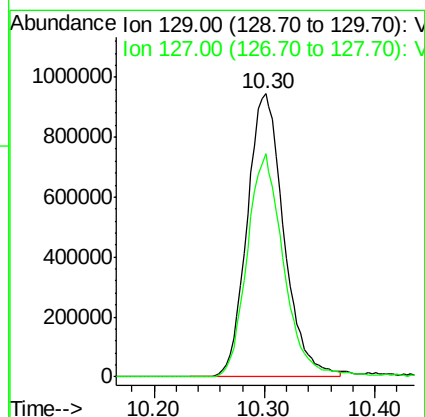
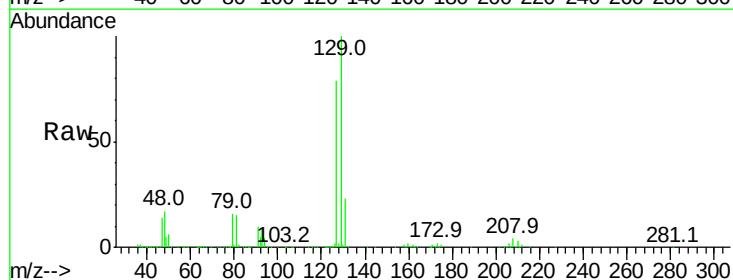
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.4	104.0
85	54.8	45.0	67.4
99	66.2	51.7	77.5

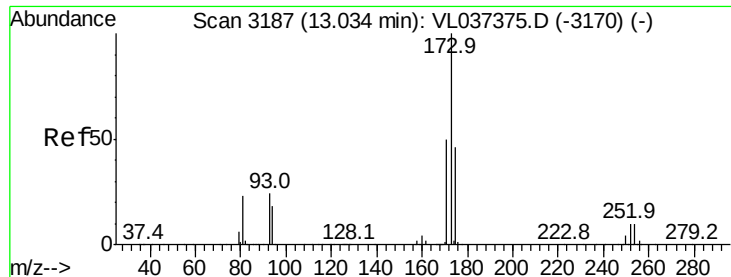


#48
 Dibromochloromethane
 Concen: 10.878 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T. 0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Tgt Ion: 129 Resp: 2181840

Ion	Ratio	Lower	Upper
129	100		
127	79.2	40.1	120.3





#49

Bromoform

Concen: 11.069 ppbv

RT: 13.04 min Scan# 3188

Delta R.T. 0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

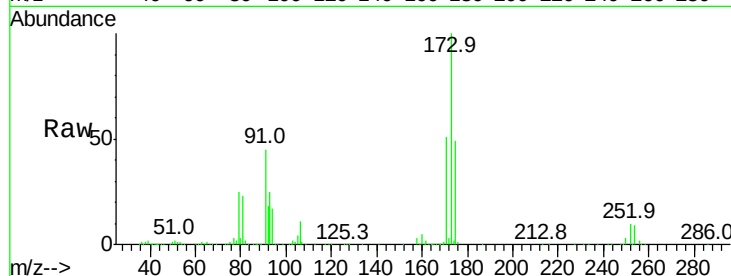
Tgt Ion:173 Resp: 1744463

Ion Ratio Lower Upper

173 100

175 49.9 42.2 63.4

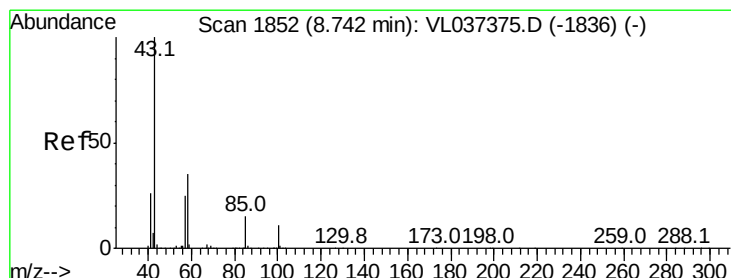
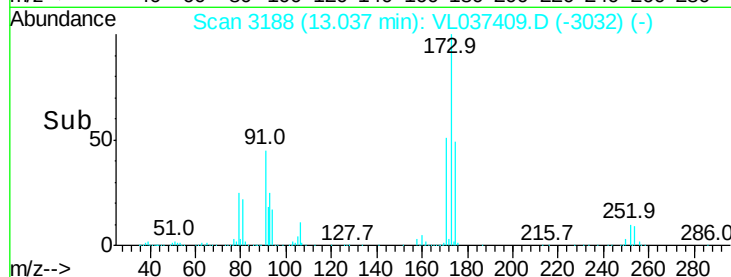
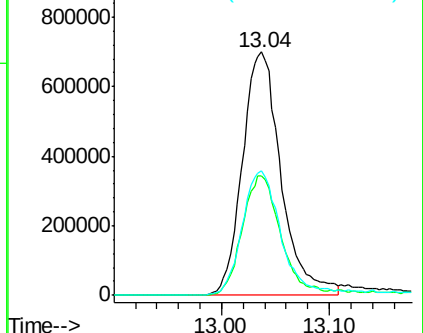
171 51.8 44.6 66.8



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: 10.114 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VL037409.D

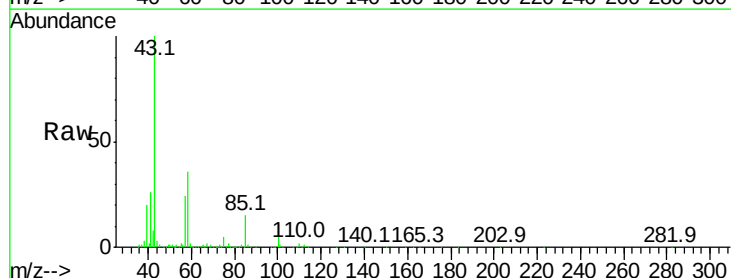
Acq: 12 Aug 2021 10:28

Tgt Ion: 43 Resp: 2088335

Ion Ratio Lower Upper

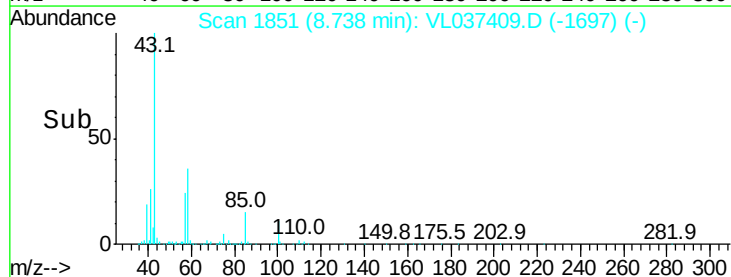
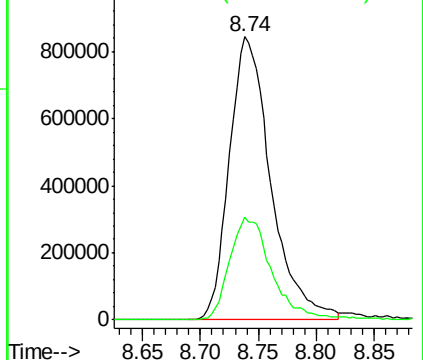
43 100

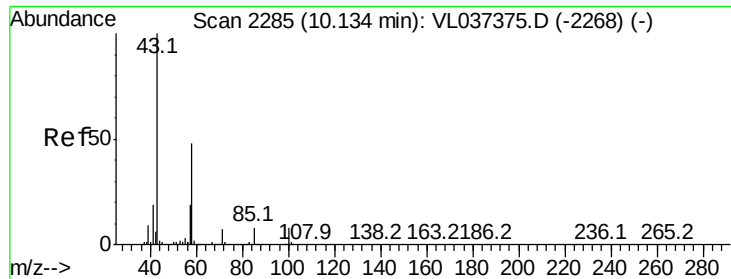
58 37.4 29.4 44.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

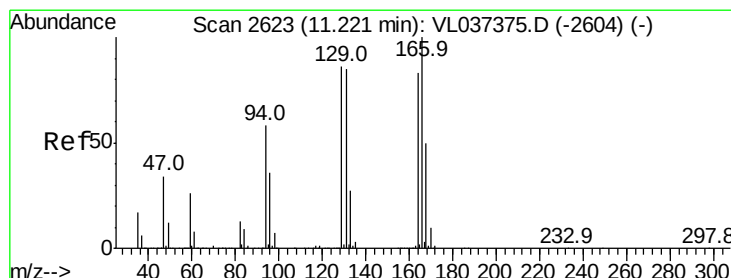
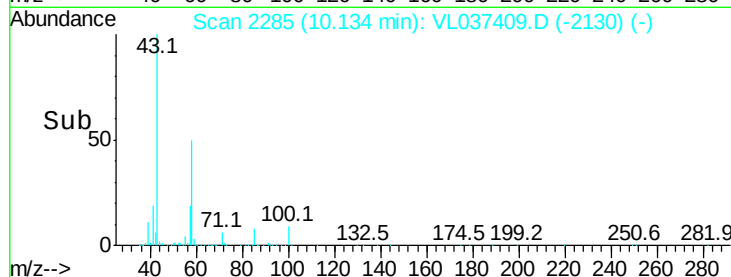
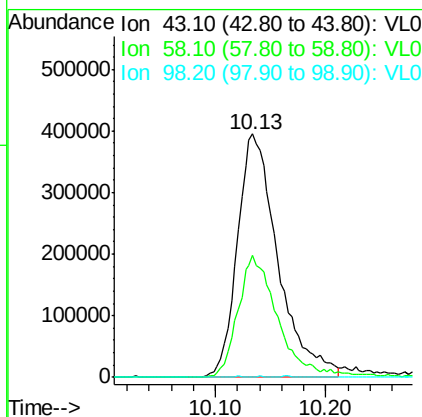
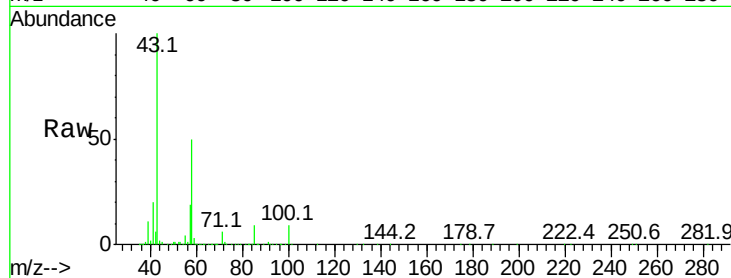




#51
2-Hexanone
Concen: 11.012 ppbv
RT: 10.13 min Scan# 2285
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

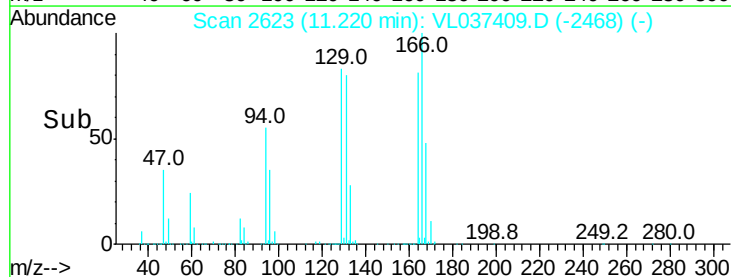
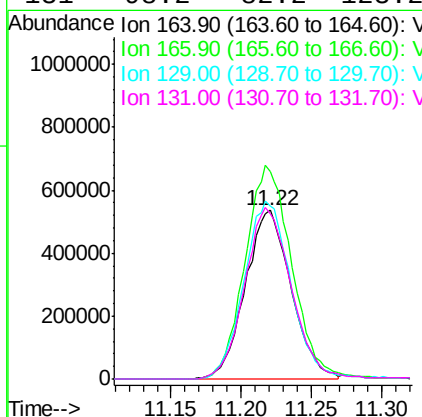
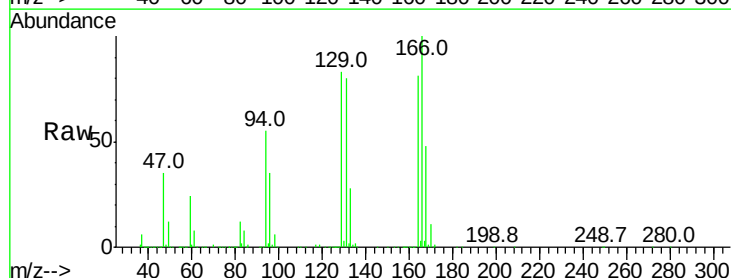
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

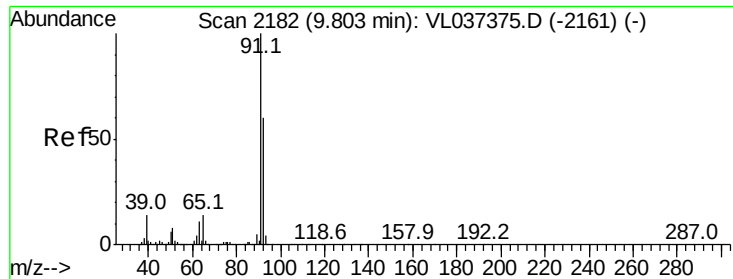
Tgt Ion: 43 Resp: 1007707
Ion Ratio Lower Upper
43 100
58 49.9 41.8 62.8
98 0.2 0.2 0.4#



#52
Tetrachloroethene
Concen: 9.013 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 164 Resp: 1212681
Ion Ratio Lower Upper
164 100
166 123.2 96.5 144.7
129 102.5 83.2 124.8
131 98.2 82.2 123.2





#53

Toluene

Concen: 9.969 ppbv

RT: 9.80 min Scan# 2181

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

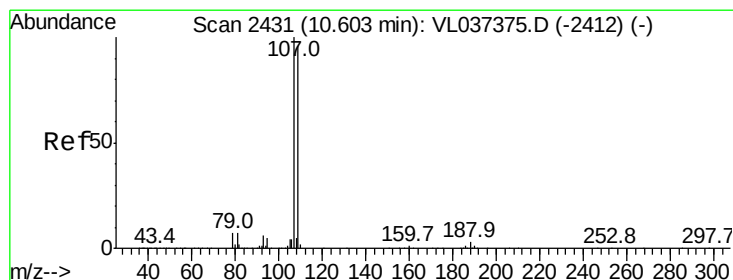
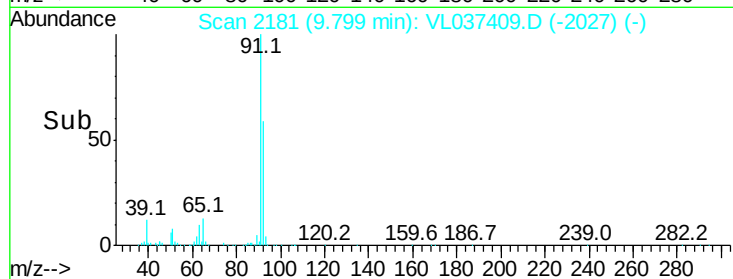
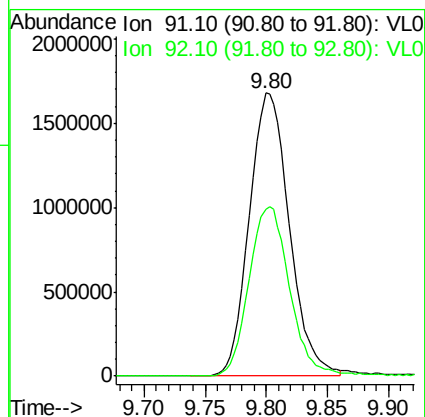
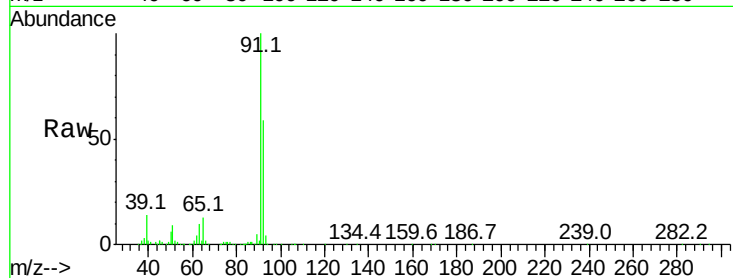
VSTDICCC010

Tgt Ion: 91 Resp: 3816488

Ion Ratio Lower Upper

91 100

92 61.3 48.1 72.1



#54

1,2-Dibromoethane

Concen: 9.904 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. 0.00 min

Lab File: VL037409.D

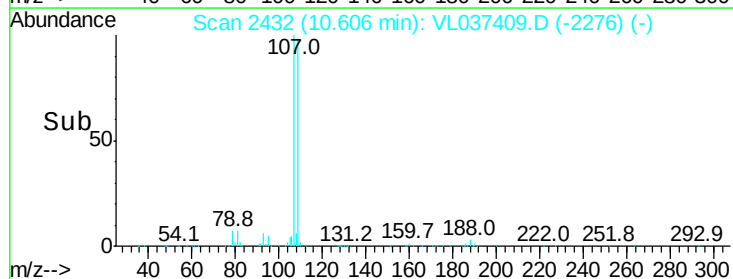
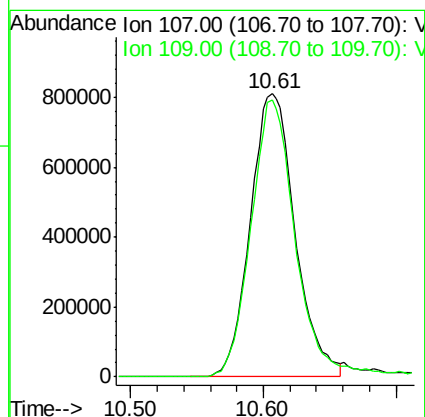
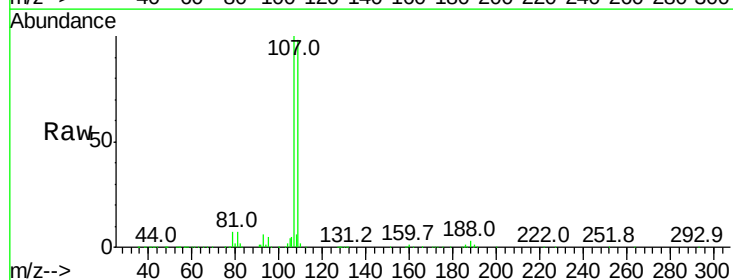
Acq: 12 Aug 2021 10:28

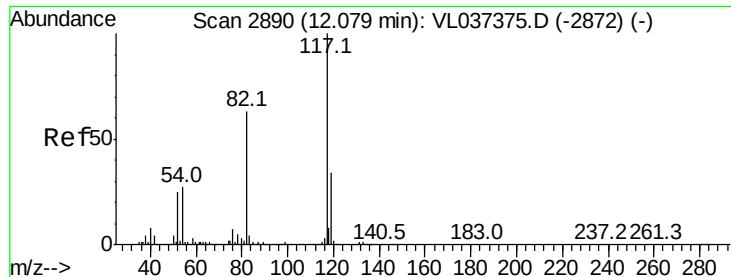
Tgt Ion: 107 Resp: 1906533

Ion Ratio Lower Upper

107 100

109 98.0 76.7 115.1

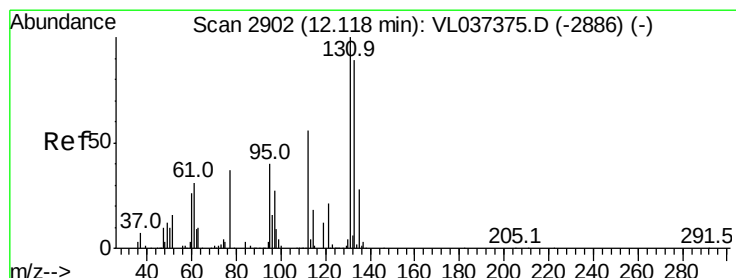
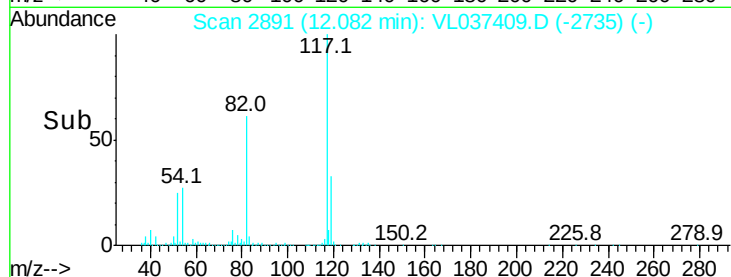
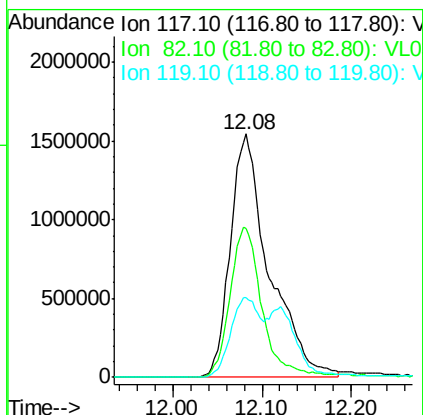
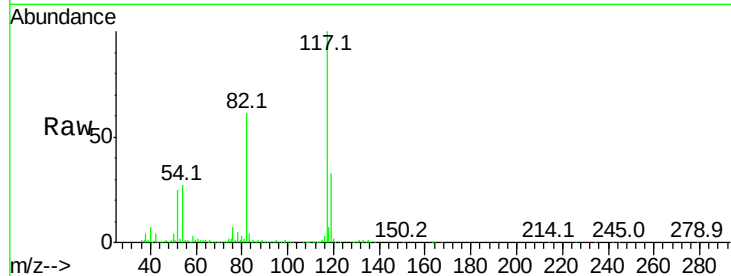




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. 0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

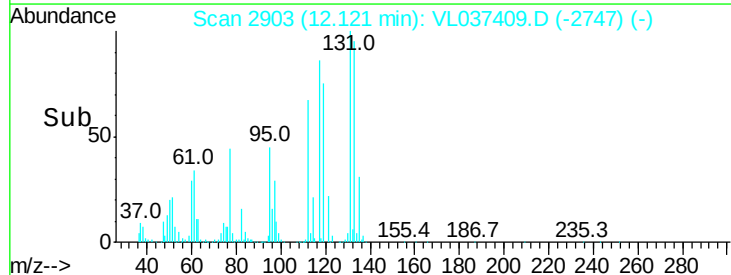
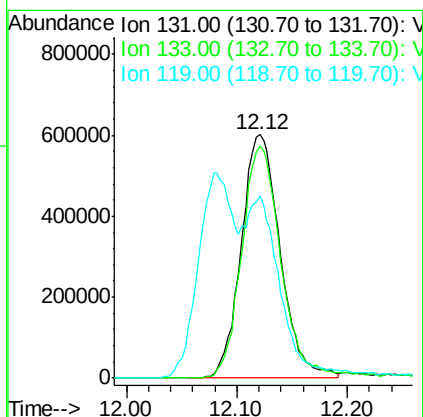
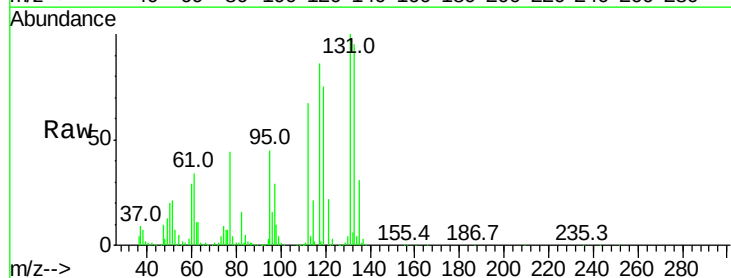
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

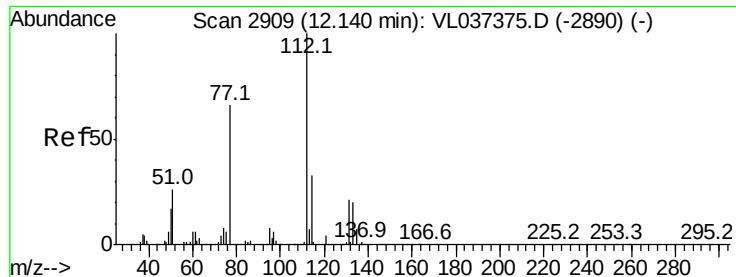
Tgt Ion:117 Resp: 4650352
Ion Ratio Lower Upper
117 100
82 52.4 52.6 78.8#
119 27.6 46.7 70.1#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.191 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. 0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion:131 Resp: 1472380
Ion Ratio Lower Upper
131 100
133 96.4 80.3 120.5
119 74.6 126.7 190.1#

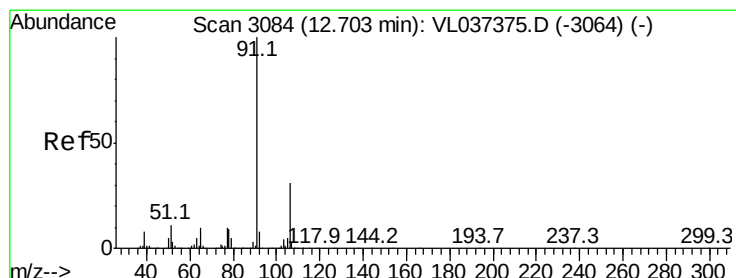
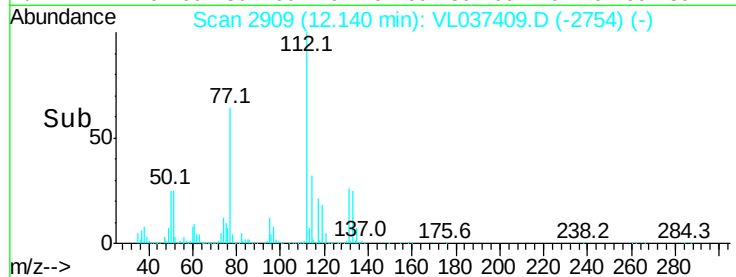
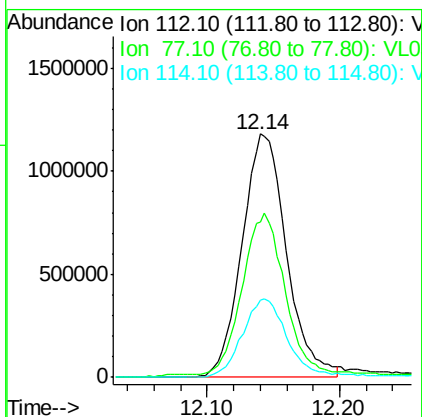
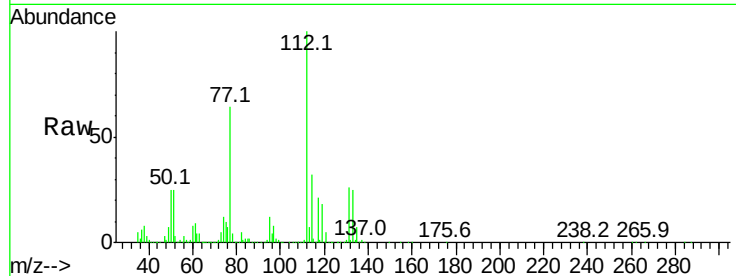




#57
Chlorobenzene
Concen: 7.669 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

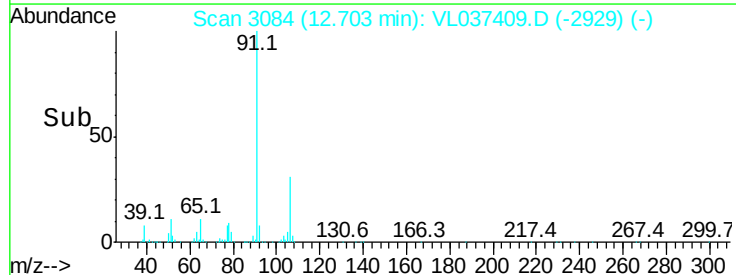
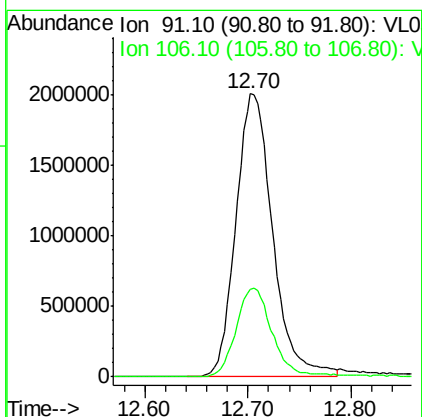
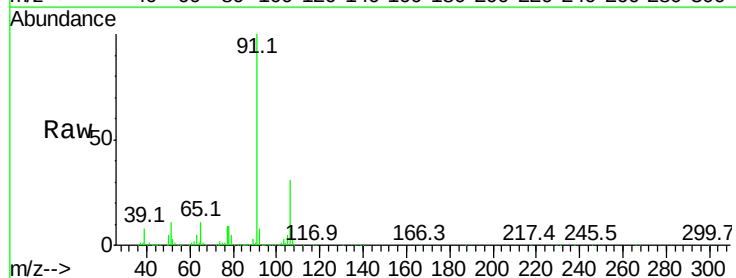
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

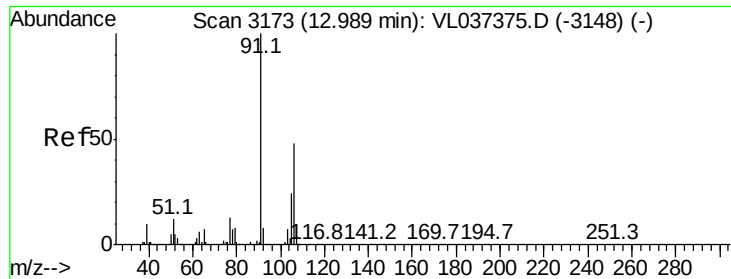
Tgt Ion: 112 Resp: 2752378
Ion Ratio Lower Upper
112 100
77 62.5 52.9 79.3
114 31.7 29.8 36.4



#58
Ethyl Benzene
Concen: 8.037 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 91 Resp: 4989123
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8

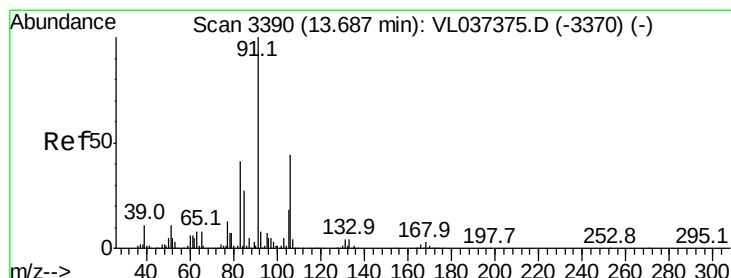
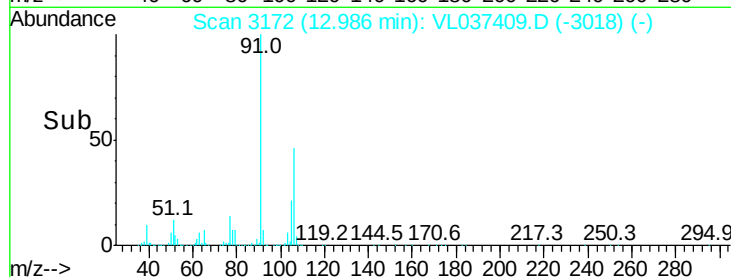
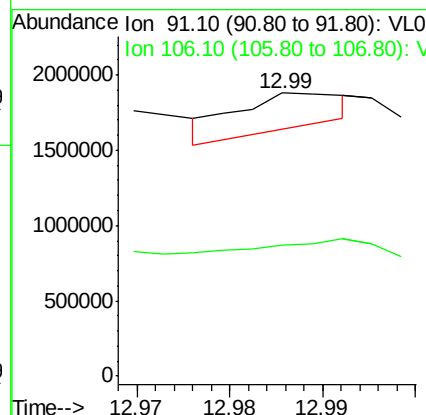
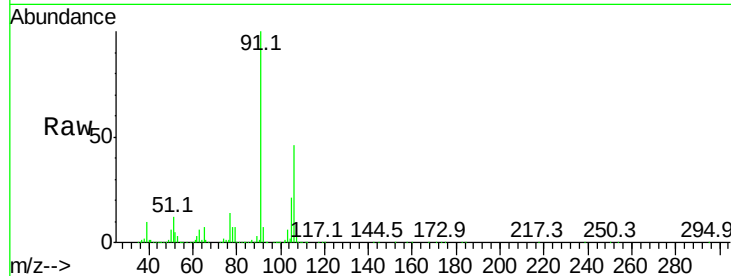




#59
m/p-Xylene
Concen: 0.372 ppbv
RT: 12.99 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

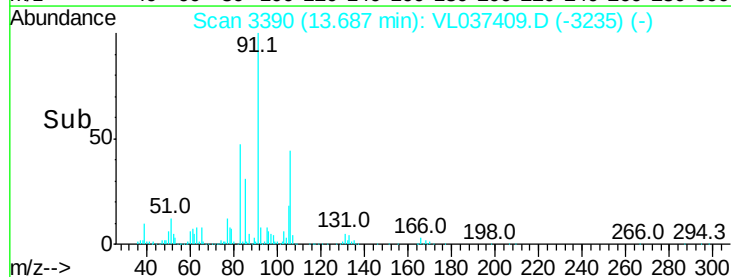
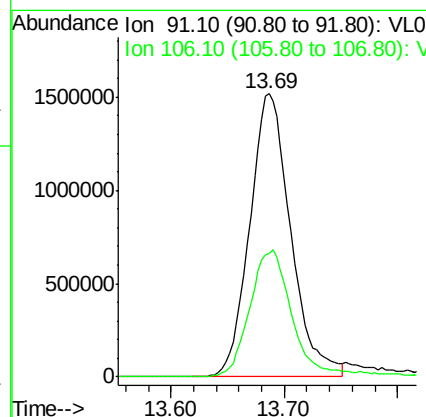
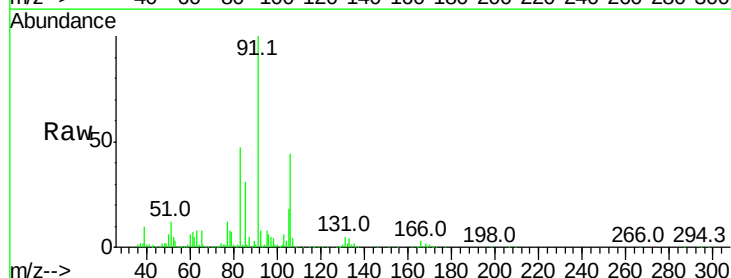
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

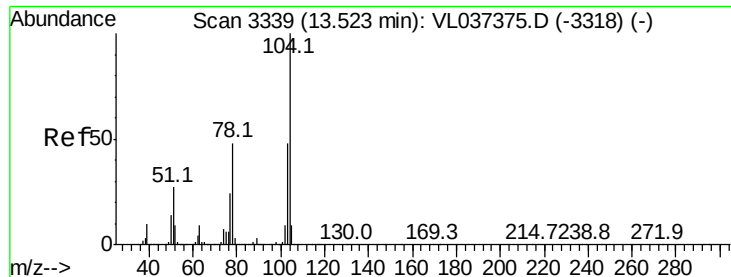
Tgt Ion: 91 Resp: 198567
Ion Ratio Lower Upper
91 100
106 1923.9 36.6 55.0#



#60
o-Xylene
Concen: 7.700 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.00 min
Lab File: VL037409.D
Acq: 12 Aug 2021 10:28

Tgt Ion: 91 Resp: 3815197
Ion Ratio Lower Upper
91 100
106 48.1 23.2 69.6





#61

Styrene

Concen: 8.521 ppbv

RT: 13.52 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

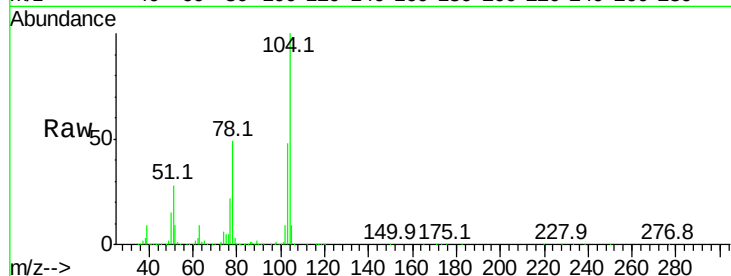
Tgt Ion:104 Resp: 2186963

Ion Ratio Lower Upper

104 100

78 51.9 41.4 62.0

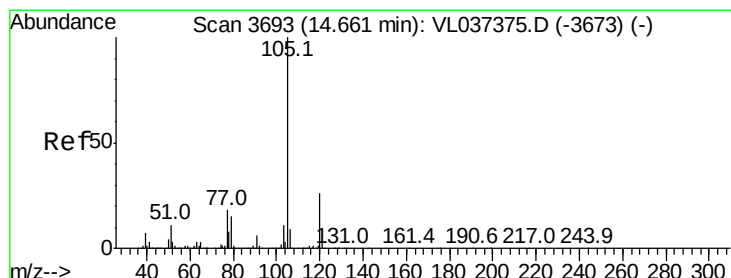
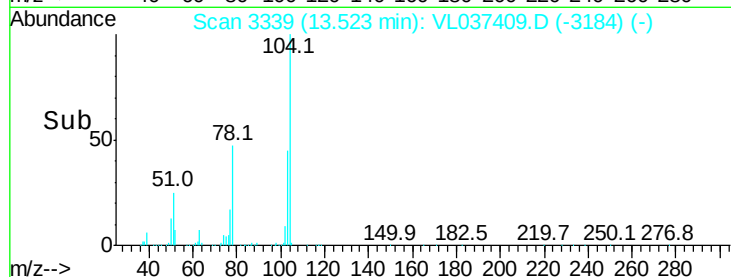
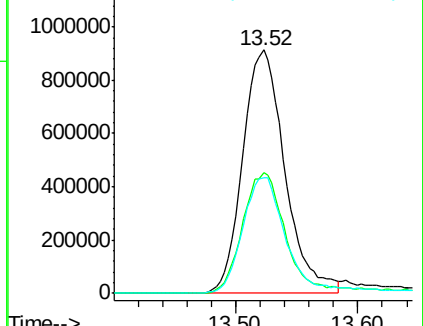
103 50.2 40.6 61.0



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: 7.653 ppbv

RT: 14.66 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VL037409.D

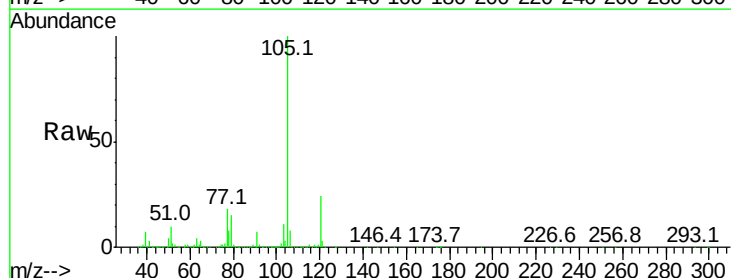
Acq: 12 Aug 2021 10:28

Tgt Ion:105 Resp: 5341270

Ion Ratio Lower Upper

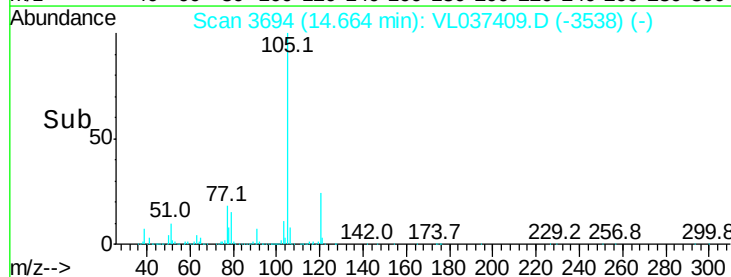
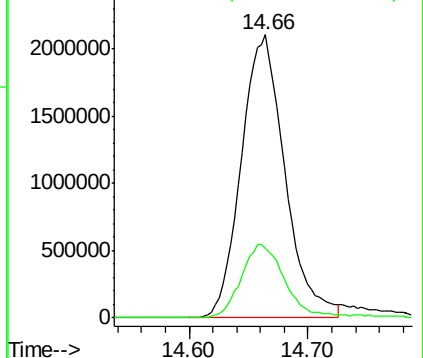
105 100

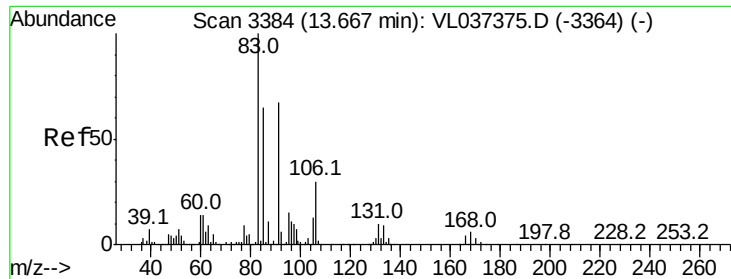
120 27.0 21.4 32.0



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: 7.329 ppbv

RT: 13.67 min Scan# 3385

Delta R.T. 0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

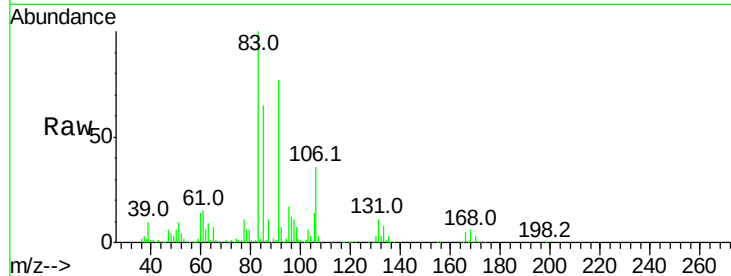
Tgt Ion: 83 Resp: 2745979

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

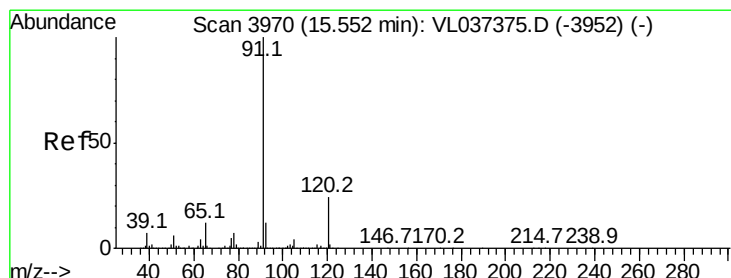
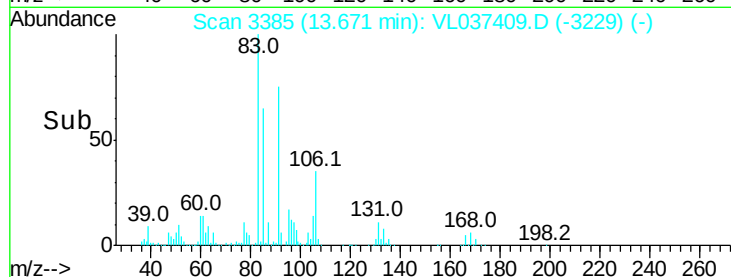
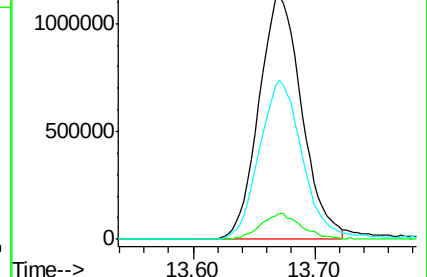
85 66.8 32.6 97.7



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 7.912 ppbv

RT: 15.55 min Scan# 3971

Delta R.T. 0.00 min

Lab File: VL037409.D

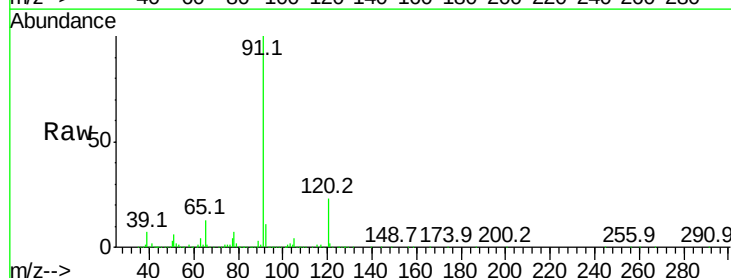
Acq: 12 Aug 2021 10:28

Tgt Ion: 120 Resp: 1401373

Ion Ratio Lower Upper

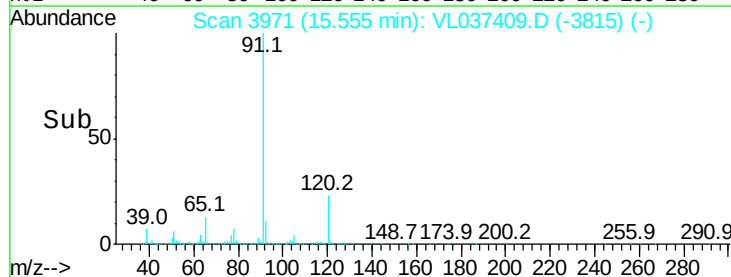
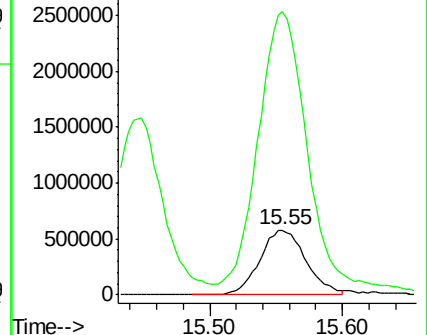
120 100

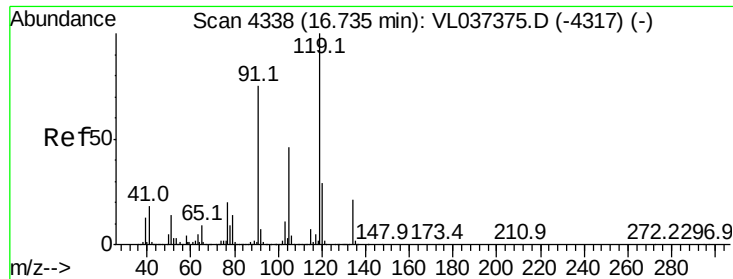
91 485.5 386.1 579.1



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0

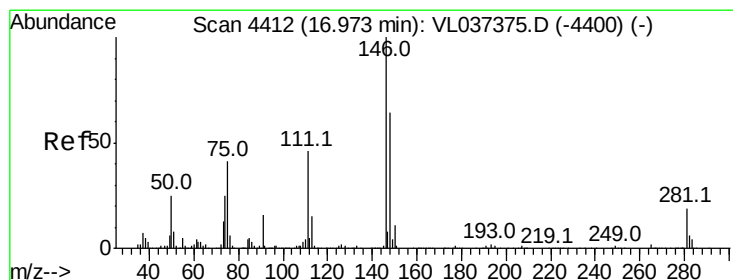
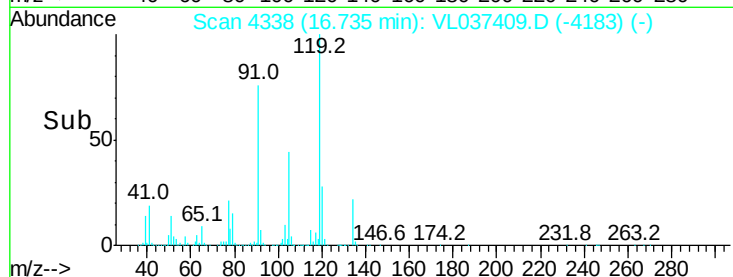
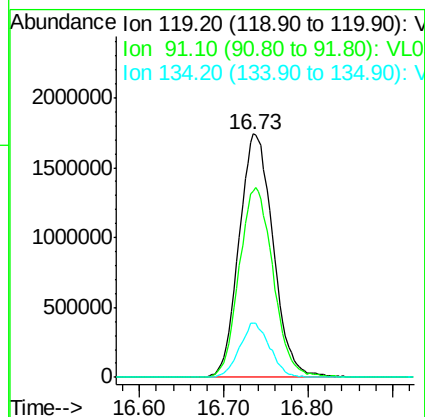
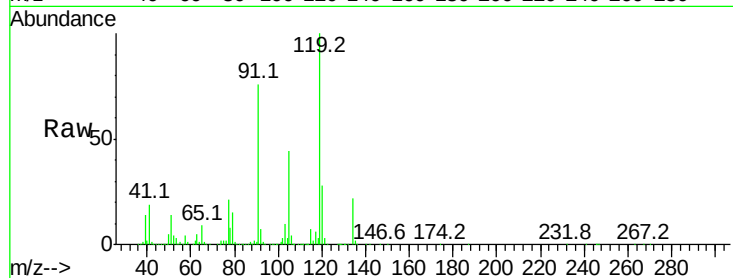




#65
 tert-Butylbenzene
 Concen: 7.767 ppbv
 RT: 16.73 min Scan# 4338
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

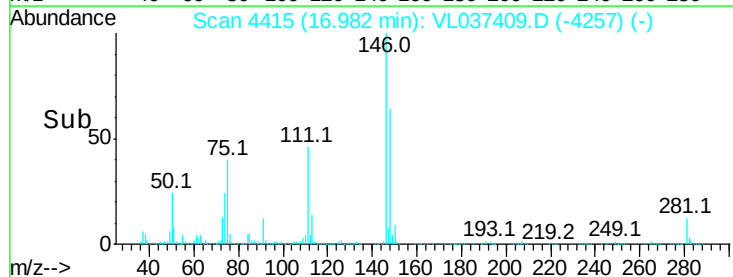
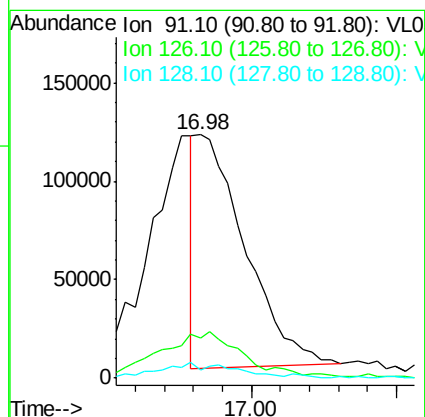
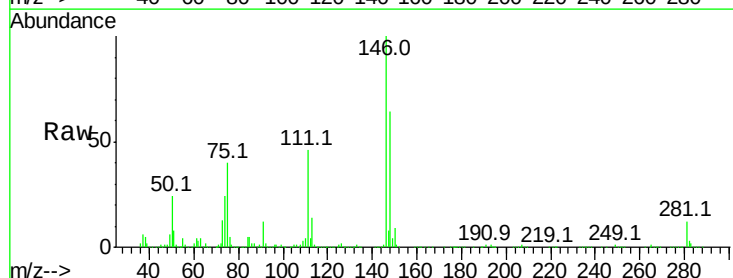
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

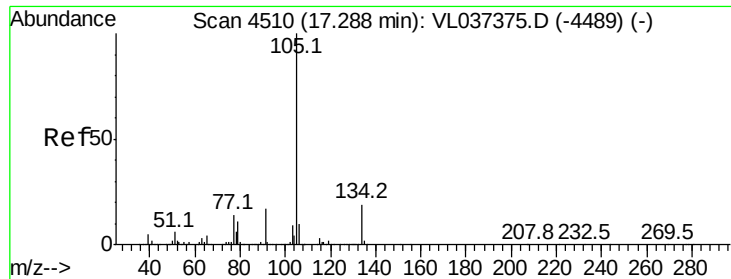
Tgt Ion: 119 Resp: 4889706
 Ion Ratio Lower Upper
 119 100
 91 77.8 63.3 94.9
 134 20.1 16.3 24.5



#66
 Benzyl Chloride
 Concen: 5.143 ppbv
 RT: 16.98 min Scan# 4415
 Delta R.T. 0.01 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Tgt Ion: 91 Resp: 137254
 Ion Ratio Lower Upper
 91 100
 126 37.3 13.5 20.3#
 128 12.0 5.4 8.0#





#67

sec-Butylbenzene

Concen: 7.775 ppbv

RT: 17.28 min Scan# 4509

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

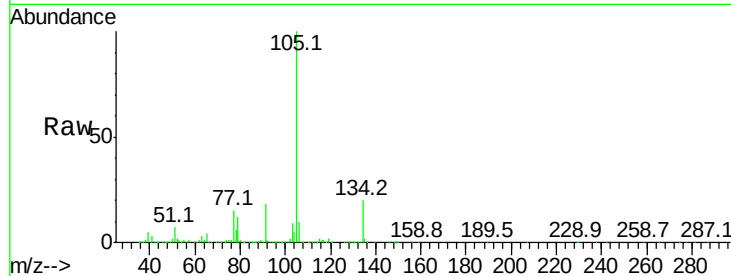
VSTDICCC010

Tgt Ion:105 Resp: 6728244

Ion Ratio Lower Upper

105 100

134 19.2 14.8 22.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.28

2500000

2000000

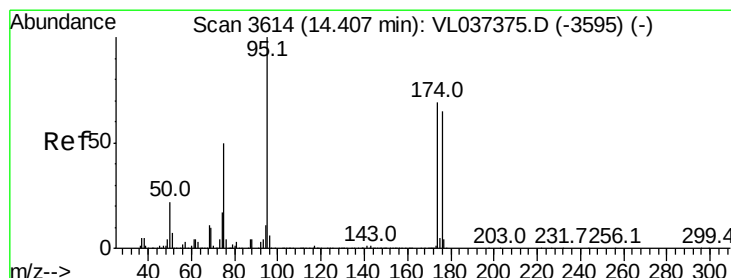
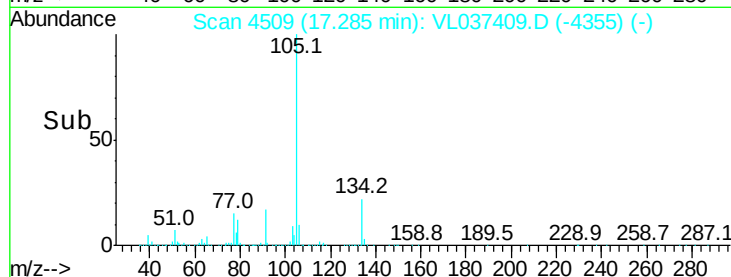
1500000

1000000

500000

0

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 7.887 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

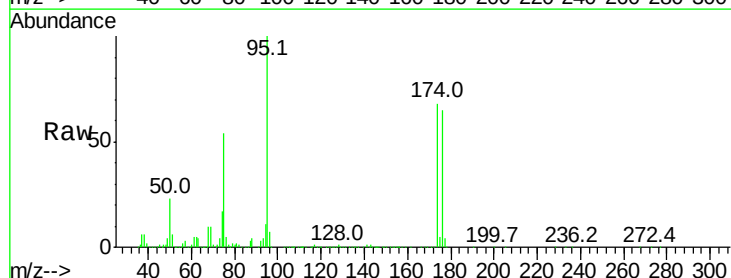
Tgt Ion: 95 Resp: 2735132

Ion Ratio Lower Upper

95 100

174 74.5 58.3 87.5

175 5.4 4.3 6.5



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

14.41

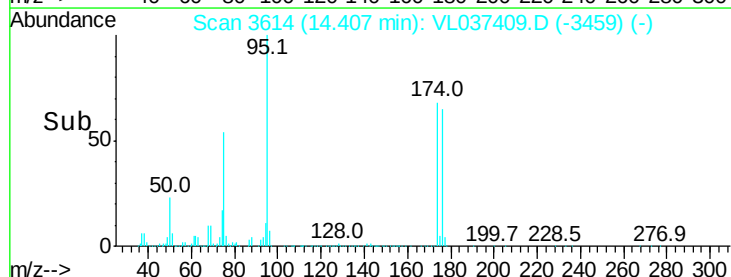
1500000

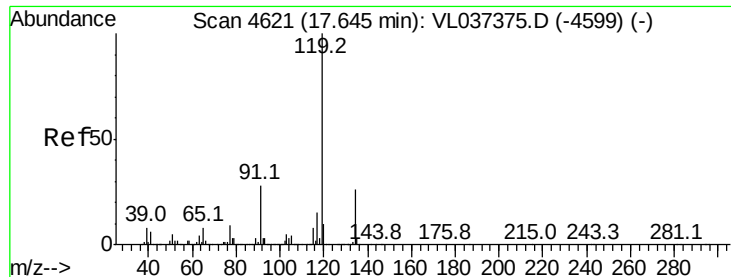
1000000

500000

0

Time-->

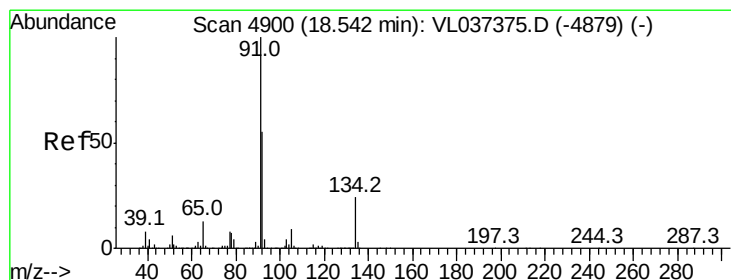
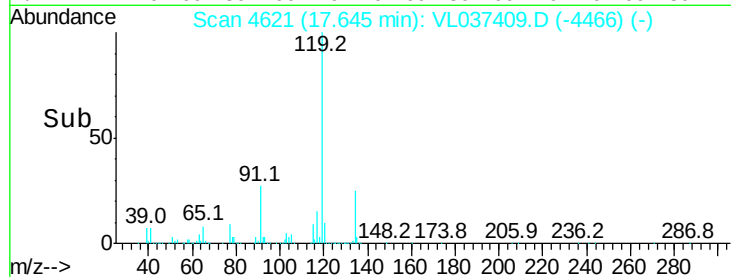
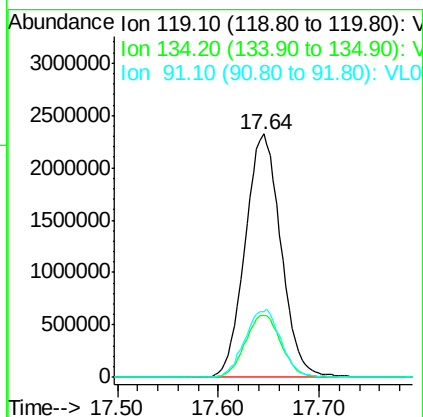
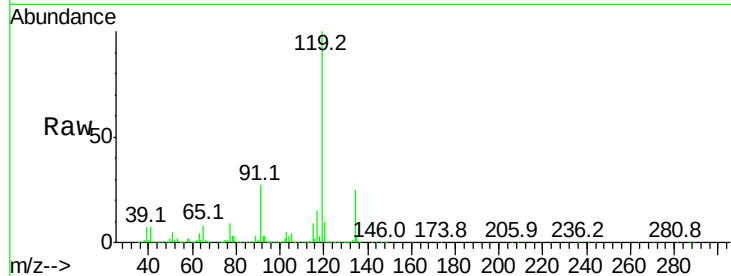




#69
 p-Isopropyltoluene
 Concen: 8.161 ppbv
 RT: 17.64 min Scan# 4621
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

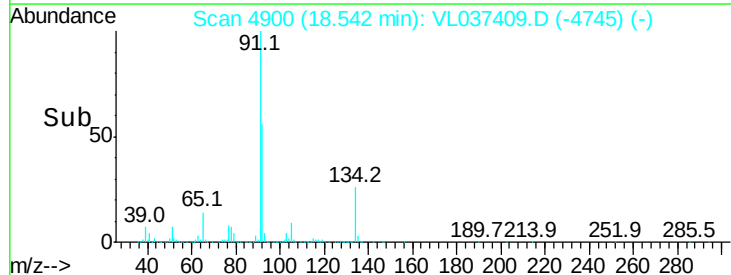
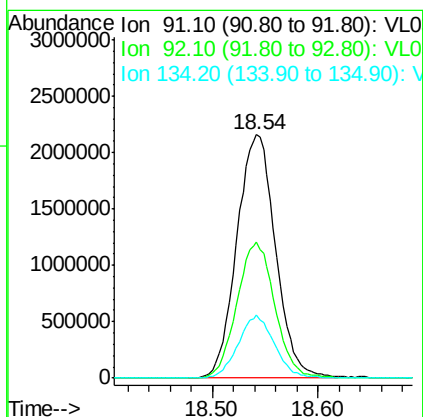
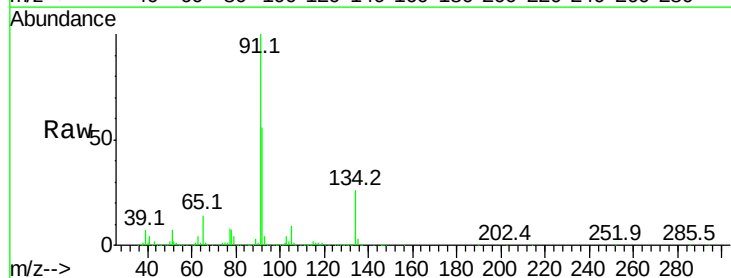
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

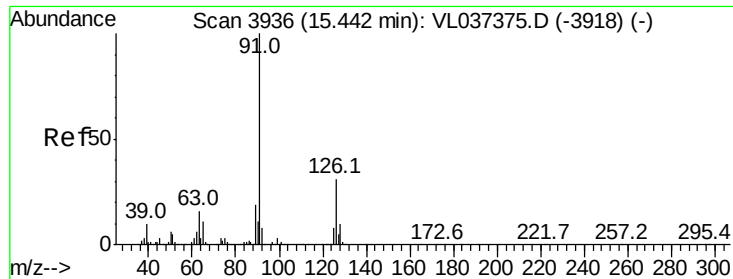
Tgt Ion: 119 Resp: 5703849
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.5 30.7
 91 28.0 22.5 33.7



#70
 n-Butylbenzene
 Concen: 8.366 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Tgt Ion: 91 Resp: 5493591
 Ion Ratio Lower Upper
 91 100
 92 55.2 43.7 65.5
 134 24.4 19.4 29.0





#71

2-Chlorotoluene

Concen: 7.849 ppbv

RT: 15.45 min Scan# 3938

Delta R.T. 0.01 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

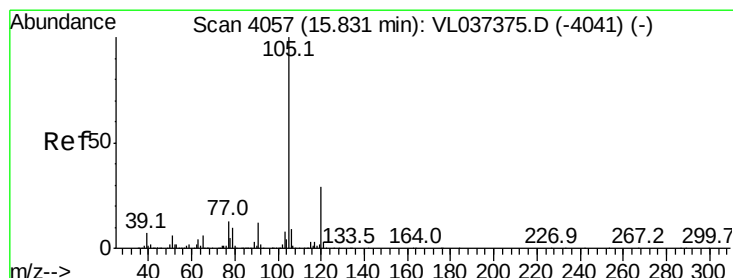
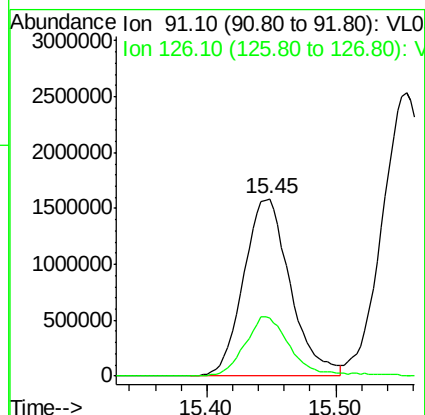
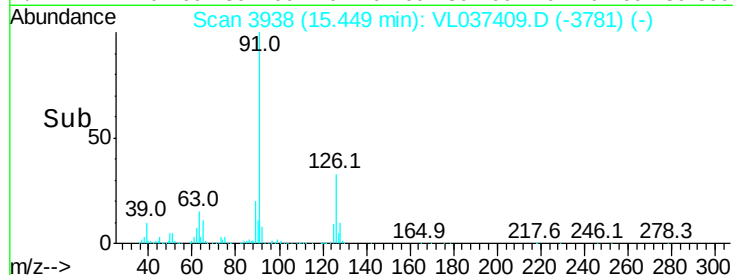
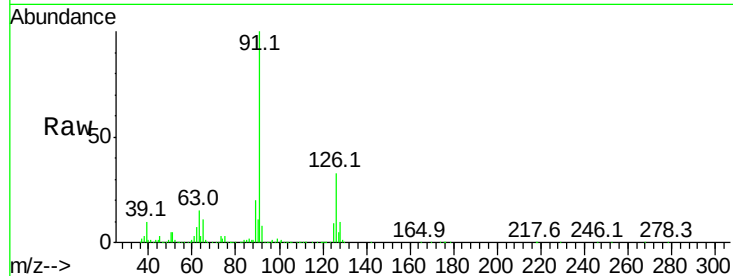
VSTDICCC010

Tgt Ion: 91 Resp: 3999140

Ion Ratio Lower Upper

91 100

126 33.7 13.3 53.3



#72

4-Ethyltoluene

Concen: 7.949 ppbv

RT: 15.83 min Scan# 4057

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Tgt Ion: 105 Resp: 4606111

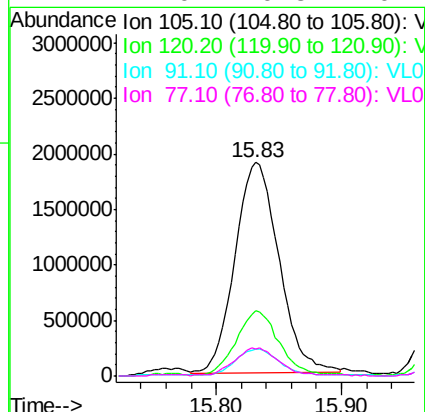
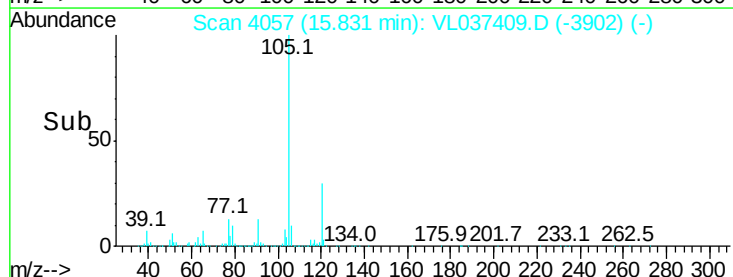
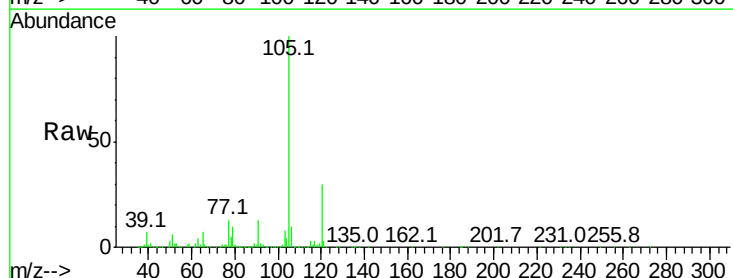
Ion Ratio Lower Upper

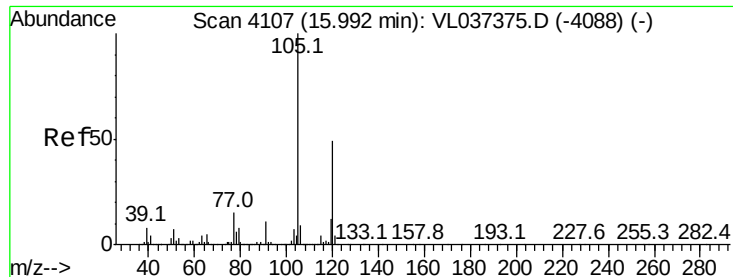
105 100

120 31.2 24.5 36.7

91 14.0 9.9 14.9

77 14.0 10.8 16.2





#73

1,3,5-Trimethylbenzene

Concen: 7.882 ppbv

RT: 15.99 min Scan# 4106

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

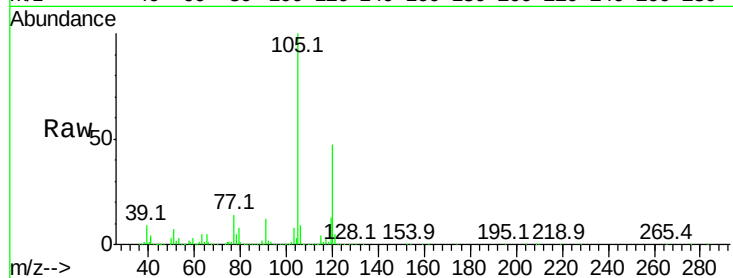
VSTDICCC010

Tgt Ion:105 Resp: 4236494

Ion Ratio Lower Upper

105 100

120 46.7 38.9 58.3



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

2000000

1500000

1000000

500000

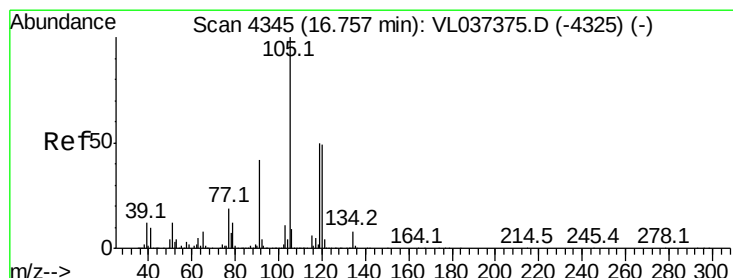
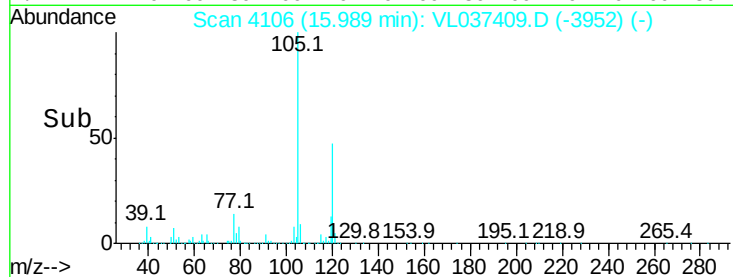
0

15.99

15.90

16.00

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 8.169 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Tgt Ion:105 Resp: 4458662

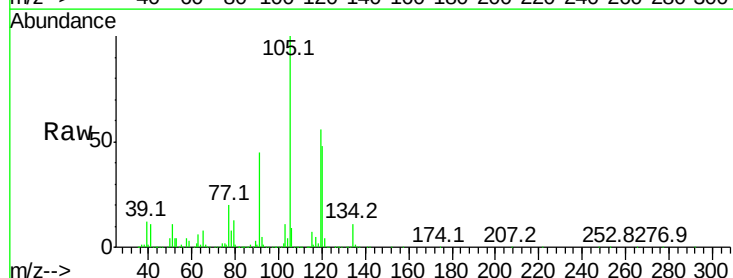
Ion Ratio Lower Upper

105 100

120 47.7 39.0 58.4

91 44.3 34.4 51.6

77 20.2 15.7 23.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

2500000

2000000

1500000

1000000

500000

0

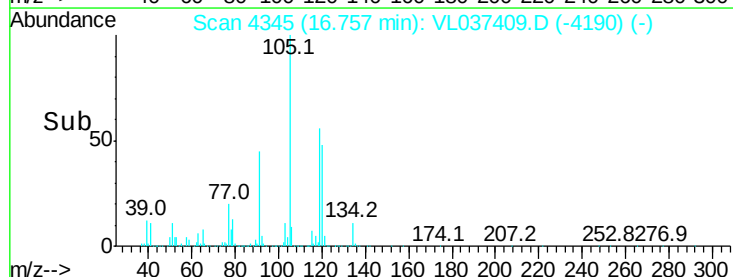
16.76

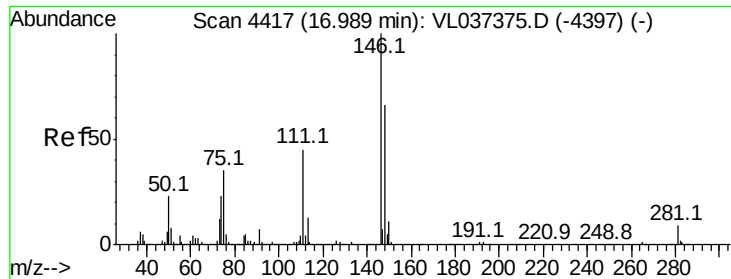
16.70

16.80

16.90

Time-->





#75

1,3-Dichlorobenzene

Concen: 8.149 ppbv

RT: 16.99 min Scan# 4417

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

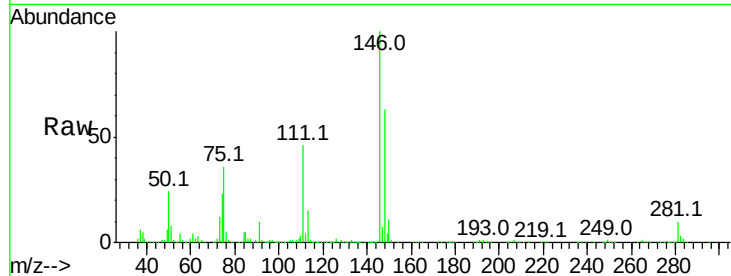
Tgt Ion:146 Resp: 2702726

Ion Ratio Lower Upper

146 100

111 45.8 22.8 68.4

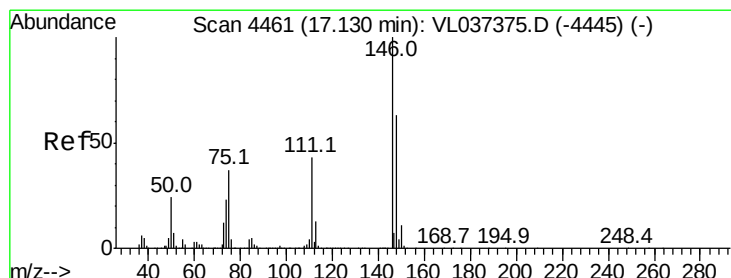
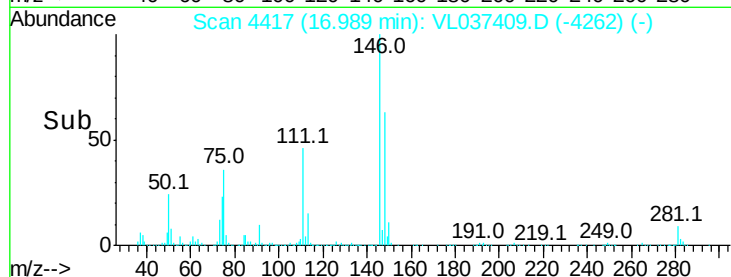
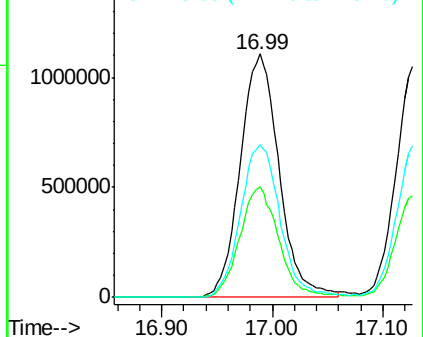
148 64.1 31.9 95.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 7.912 ppbv

RT: 17.13 min Scan# 4461

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

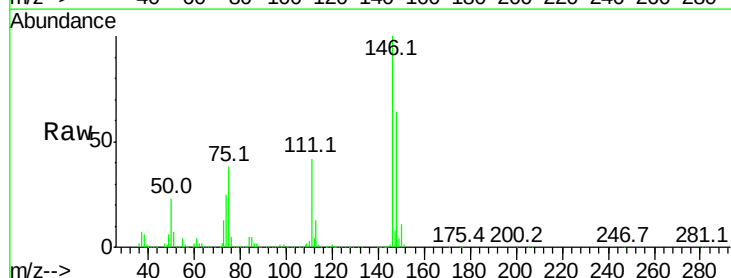
Tgt Ion:146 Resp: 2576858

Ion Ratio Lower Upper

146 100

111 45.6 22.8 68.4

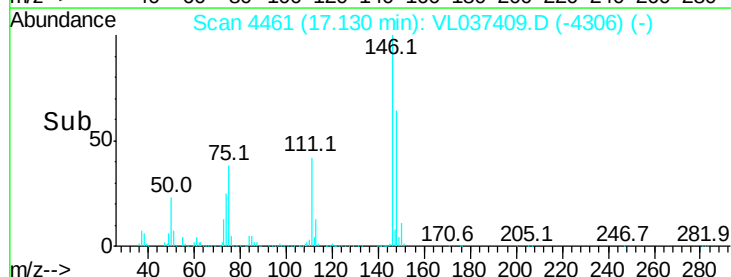
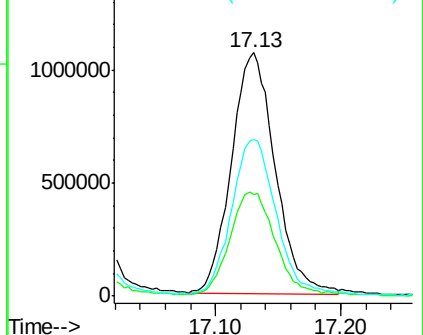
148 68.0 33.3 99.8

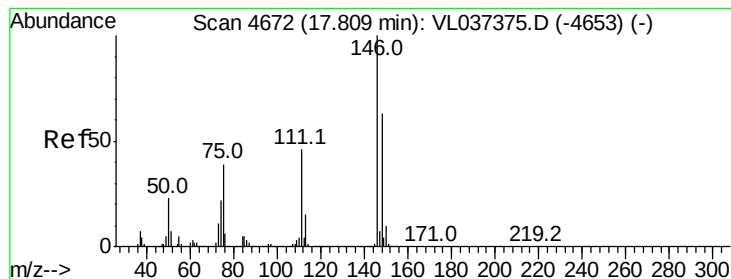


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 8.017 ppbv

RT: 17.81 min Scan# 4672

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

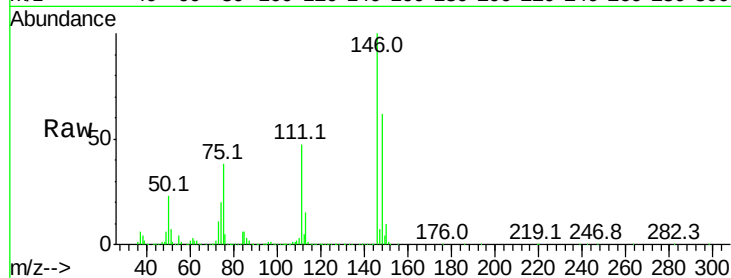
Tgt Ion:146 Resp: 2562640

Ion Ratio Lower Upper

146 100

111 47.7 23.4 70.2

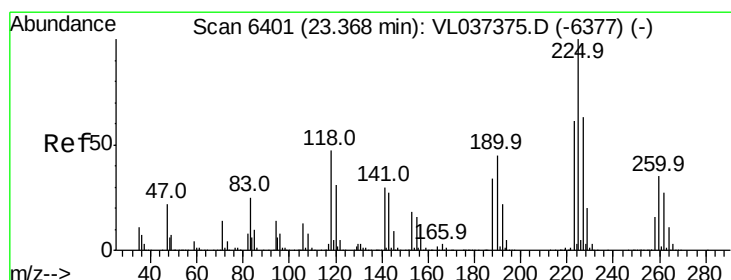
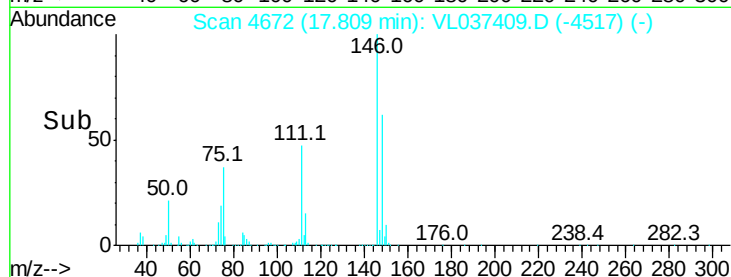
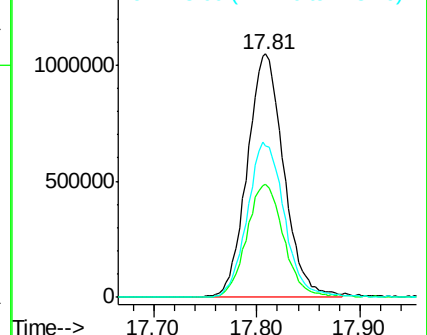
148 64.9 32.3 96.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 7.350 ppbv

RT: 23.36 min Scan# 6398

Delta R.T. -0.01 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

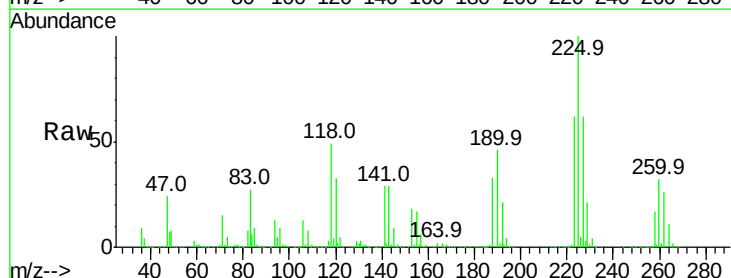
Tgt Ion:225 Resp: 1883748

Ion Ratio Lower Upper

225 100

223 64.0 51.8 77.8

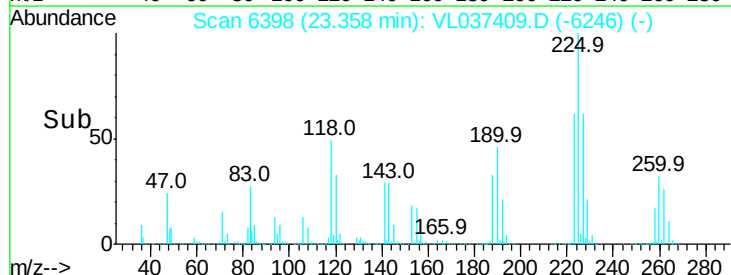
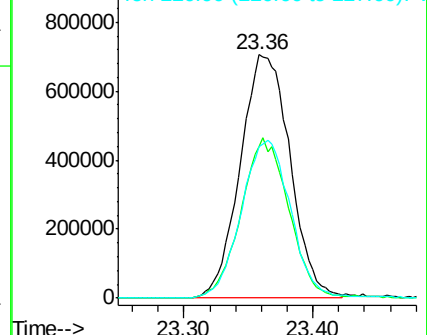
227 65.3 52.2 78.4

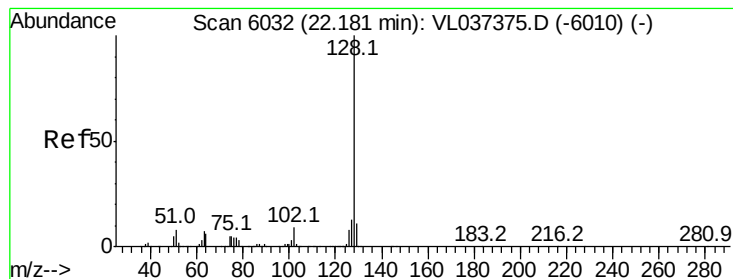


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 10.791 ppbv

RT: 22.18 min Scan# 6032

Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Instrument :

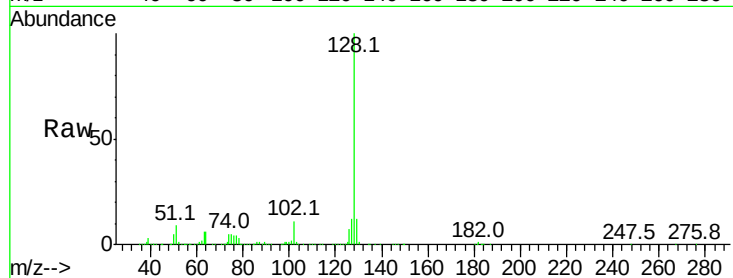
MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:128 Resp: 3208575

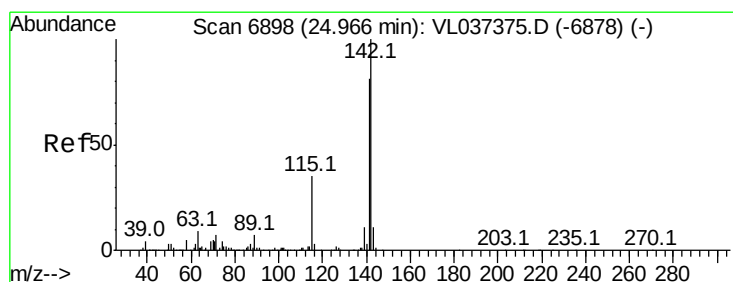
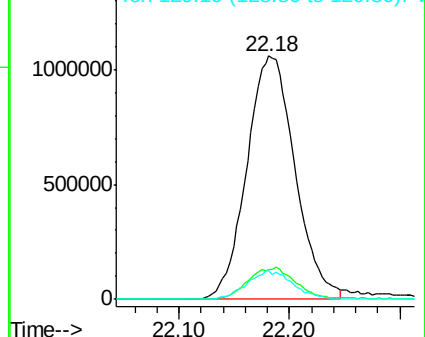
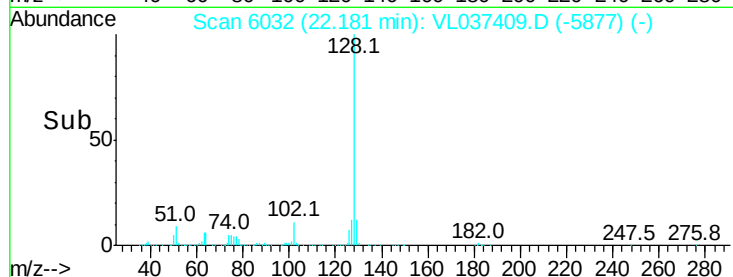
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.6	15.8
129	11.7	9.0	13.4



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: 14.903 ppbv

RT: 24.96 min Scan# 6897

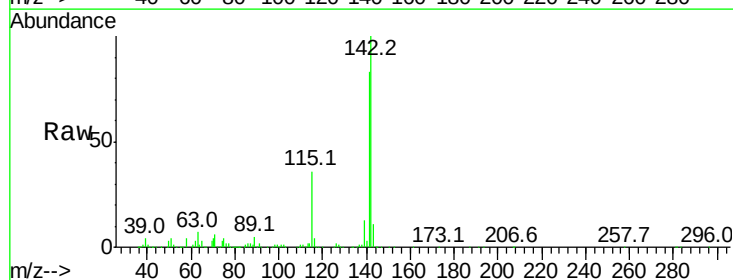
Delta R.T. -0.00 min

Lab File: VL037409.D

Acq: 12 Aug 2021 10:28

Tgt Ion:142 Resp: 871184

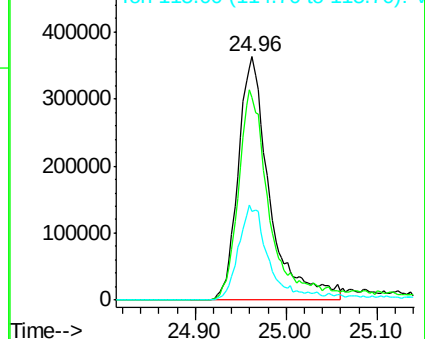
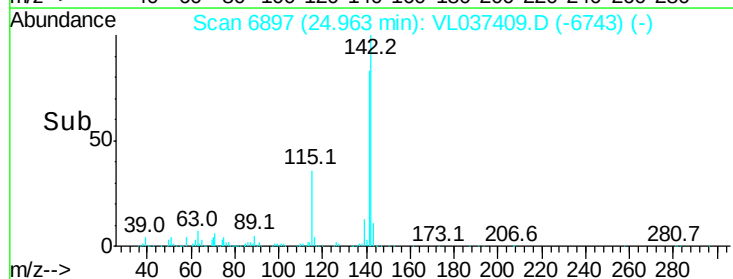
Ion	Ratio	Lower	Upper
142	100		
141	85.9	72.1	108.1
115	40.9	28.1	42.1

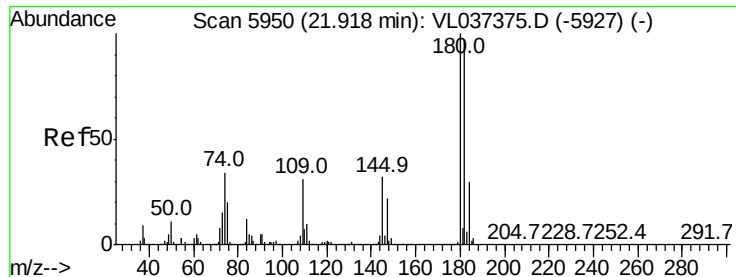


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 9.677 ppbv
 RT: 21.91 min Scan# 5949
 Delta R.T. -0.00 min
 Lab File: VL037409.D
 Acq: 12 Aug 2021 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:180 Resp: 1973170
 Ion Ratio Lower Upper
 180 100
 182 98.3 78.7 118.1
 184 30.7 24.3 36.5

